TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-24280-1

Job Description: McCandless

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

Approved for release.
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Table of Contents

Table of Contents

Table of Contents

Table of Contents

CASE NARRATIVE

Client: Antea USA, Inc.

Project: McCandless

Report Number: 460-24280-1

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 03/18/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was C.

Insufficient sample was provided to perform the leaching procedure with the required 100g for the following samples: 460-24280-1, 460-24280-2, 460-24280-3, 460-24280-4, 460-24280-5, 460-24280-6, 460-24280-7, 460-24280-8, 460-24280-9. The volume of leaching fluid was adjusted proportionally to maintain a 20:1 ratio of leaching fluid to weight of sample. Reporting limits (RLs) are not affected.

Insufficient sample was provided to perform the leaching procedure with the required 70g for the following samples: 460-24280-10, 460-24280-11, 460-24280-12, 460-24280-13, 460-24280-14, 460-24280-15, 460-24280-16, 460-24280-17, 460-24280-18, 460-24280-19. The volume of leaching fluid was adjusted proportionally to maintain a 20:1 ratio of leaching fluid to weight of sample. Reporting limits (RLs) are not affected.

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.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples 460-24280-1 through 460-24280-19 were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 03/30/2011 and analyzed on 03/31/2011 and 04/01/2011.

DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-24280-10. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-24280-11. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-24280-12. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-24280-13. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-24280-14. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-24280-15. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-24280-16. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-24280-18. DCB Decachlorobiphenyl failed the surrogate recovery criteria low for 460-24280-19. Refer to the QC report for details.

Samples 460-24280-10(2500X), 460-24280-11(10000X), 460-24280-12(10000X), 460-24280-13(1000X), 460-24280-14(10X), 460-24280-15(500X), 460-24280-16(50X), 460-24280-18 and 460-24280-19(250X) 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.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-24280-1 through 460-24280-19 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 03/19/2011 and analyzed on 03/28/2011, 03/29/2011, 03/30/2011 and 03/31/2011.

The laboratory control sample (LCS) recovery of Trichlorofluoromethane was outside control limits in batch 68934. The batch matrix spike/matrix spike duplicate (MS/MSD) recoveries of Trichlorofluoromethane were within acceptance limits; therefore, the data have been

reported.

The laboratory control sample (LCS) for batch 69082 exceeded control limits for Chlorobromomethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

The following sample was diluted due to the abundance of target analytes: 460-24280-12. Elevated reporting limits (RLs) are provided.

The following samples were diluted due to the abundance of non-target and target analytes: 460-24280-11, 460-24280-13, 460-24280-16, 460-24280-18. Elevated reporting limits (RLs) are provided.

The following samples were diluted due to the abundance of target and non-target analytes: 460-24280-10, 460-24280-14, 460-24280-15, 460-24280-19. Elevated reporting limits (RLs) are provided.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for several analytes were outside control limits in batch 68934. The MS/MSD was not spiked with 1,4-Dioxane, therefore no recoveries are reported for this compound. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Acetone was detected in method blank MB 460-68728/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Refer to the QC report for details.

Bromochloromethane failed the recovery criteria high for LCS 460-69082/3. Refer to the QC report for details.

Several analytes failed the recovery criteria low for the MS of sample 460-24265-6 in batch 460-68934.

Several analytes failed the recovery criteria low for the MSD of sample 460-24265-6 in batch 460-68934. The presence of the '4' qualifier in the report indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-24280-1 through 460-24280-19 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 03/30/2011 and analyzed on 04/02/2011, 04/03/2011, 04/05/2011 and 04/06/2011.

The following samples were diluted due to abundance of target analytes: 460-24280-10, 460-24280-11, 460-24280-12, 460-24280-13, 460-24280-14, 460-24280-15, 460-24280-16. As such, surrogate recoveries are not reported, and elevated reporting limits (RLs) are provided.

The following sample(s) was diluted due to abundance of target analytes: 460-24280-18, 460-24280-19. As such, surrogate recoveries are not reported, and elevated reporting limits (RLs) are provided.

Nitrobenzene-d5 failed the surrogate recovery criteria high for 460-24280-12. Nitrobenzene-d5 failed the surrogate recovery criteria high for 460-24280-13. 2,4,6-Tribromophenol, 2-Fluorobiphenyl, 2-Fluorophenol, Nitrobenzene-d5, Phenol-d5 and Terphenyl-d14 failed the surrogate recovery criteria low for 460-24280-15. Nitrobenzene-d5 failed the surrogate recovery criteria high for 460-24280-16. Nitrobenzene-d5 failed the surrogate recovery criteria high for 460-24280-18. Nitrobenzene-d5 failed the surrogate recovery criteria high for 460-24280-19. Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analyses.

All other quality control parameters were within the acceptance limits.

TOTAL CHLORIDE

Samples 460-24280-1 through 460-24280-19 were analyzed for total chloride in accordance with ASTM Method D3987-85/9251. The samples were leached on 03/24/2011 and 03/28/2011 and analyzed on 03/28/2011 and 03/29/2011.

No difficulties were encountered during the total chloride analyses.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples 460-24280-1 through 460-24280-19 were analyzed for percent solids in accordance with ASTM D2974-87 Modified. The samples were analyzed on 03/22/2011.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

TOTAL PETROLEUM HYDROCARBONS

Samples 460-24280-1 through 460-24280-19 were analyzed for total petroleum hydrocarbons in accordance with NJ-OQA-QAM-025. The samples were prepared on 03/30/2011 and analyzed on 04/02/2011, 04/05/2011, 04/06/2011 and 04/07/2011.

o-Terphenyl failed the surrogate recovery criteria high for 460-24280-10. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-24280-11. o-Terphenyl failed the surrogate recovery criteria low for 460-24280-12. o-Terphenyl failed the surrogate recovery criteria low for 460-24280-13. Chlorobenzene and o-Terphenyl failed the surrogate recovery criteria low for 460-24280-15. o-Terphenyl failed the surrogate recovery criteria low for 460-24280-16. o-Terphenyl failed the surrogate recovery criteria high for 460-24280-18MSD. Refer to the QC report for details.

The following samples were diluted due to the abundance of target analytes: 460-24280-10, 460-24280-11, 460-24280-12, 460-24280-13, 460-24280-14, 460-24280-15, 460-24280-16, 460-24280-18, 460-24280-18 MS, 460-24280-18 MSD, 460-24280-19. Elevated reporting limits (RLs) are provided.

Due to the level of dilution required for the following sample, surrogate recoveries are not reported: 460-24280-11 460-24280-15..

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 69502 were outside control limits due to high concentration relative to the spike amount. The associated laboratory control sample (LCS) recovery met acceptance criteria.

OTP surrogate recovery for the following samples were outside control limits: 460-24280-10, 460-24280-12, 460-24280-13, 460-24280-18 MSD. Evidence of matrix interference is present and Chlorobenzene surrogate recovery was within control limits, therefore, re-analysis was not performed.

Total Petroleum Hydrocarbons (C8-C40) failed the recovery criteria low for LCS 460-68966/2-A. Refer to the QC report for details.

No other difficulties were encountered during the QAM 025 analyses.

All other quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Antea USA, Inc. Job Number: 460-24280-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-24280-1	PMP-25-VS-E (1-3)	Solid	03/17/2011 0904	03/18/2011 1645
460-24280-2	PMP-25-VD-E (3-5)	Solid	03/17/2011 0909	03/18/2011 1645
460-24280-3	PMP-25-WT-E (7.5-9.5)	Solid	03/17/2011 0915	03/18/2011 1645
460-24280-4	PMP-21-VD-E (3.5-4)	Solid	03/17/2011 0920	03/18/2011 1645
460-24280-5	PMP-21-WT-E (8-8.5)	Solid	03/17/2011 0925	03/18/2011 1645
460-24280-6	PMP-21-SI-E (10.5-11)	Solid	03/17/2011 0930	03/18/2011 1645
460-24280-7	PMP-1-VD-E (3.5-4.0)	Solid	03/17/2011 0940	03/18/2011 1645
460-24280-8	PMP-1-WT-E (8-8.5)	Solid	03/17/2011 0945	03/18/2011 1645
460-24280-9	PMP-1-SI-E (10.5-11.0)	Solid	03/17/2011 0950	03/18/2011 1645
460-24280-10	PMP-24-VS-E (1-3)	Solid	03/17/2011 1025	03/18/2011 1645
460-24280-11	PMP-24-VD-E (4.5-6.5)	Solid	03/17/2011 1030	03/18/2011 1645
460-24280-12	PMP-24-WT-E (6.5-8.5)	Solid	03/17/2011 1035	03/18/2011 1645
460-24280-13	PMP-24-SI-E (10.5-12.5)	Solid	03/17/2011 1040	03/18/2011 1645
460-24280-14	PMP-2-VD-E (3.5-4.0)	Solid	03/17/2011 1119	03/18/2011 1645
460-24280-15	PMP-2WT-E (8.0-8.5)	Solid	03/17/2011 1125	03/18/2011 1645
460-24280-16	PMP-2-SI-E (10.5-11.0)	Solid	03/17/2011 1130	03/18/2011 1645
460-24280-17	PMP-5-VD-E (3.5-4)	Solid	03/17/2011 1155	03/18/2011 1645
460-24280-18	PMP-5-WT-E (8-8.5)	Solid	03/17/2011 1200	03/18/2011 1645
460-24280-19	PMP-5SI-E (10.5-11)	Solid	03/17/2011 1205	03/18/2011 1645

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-24280-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-24280-1	**PMP-25-VS-E (1-3)**					
Acetone		12	B	9.4	ug/Kg	8260B
Trichloroethene		1.1		0.94	ug/Kg	8260B
Tetrachloroethene		0.34	J	0.94	ug/Kg	8260B
Aroclor 1242		48	J	72	ug/Kg	8082
Aroclor 1260		25	J	72	ug/Kg	8082
Percent Moisture		6.9		1.0	%	Moisture
Percent Solids		93.1		1.0	%	Moisture
460-24280-2	**PMP-25-VD-E (3-5)**					
Acetone		8.7	J B	11	ug/Kg	8260B
Trichloroethene		1.9		1.1	ug/Kg	8260B
Percent Moisture		4.8		1.0	%	Moisture
Percent Solids		95.2		1.0	%	Moisture
460-24280-3	**PMP-25-WT-E (7.5-9.5)**					
Acetone		3.7	J B	4.9	ug/Kg	8260B
cis-1,2-Dichloroethene		0.13	J	0.49	ug/Kg	8260B
Trichloroethene		1.1		0.49	ug/Kg	8260B
Aroclor 1242		25	J	79	ug/Kg	8082
Percent Moisture		15.4		1.0	%	Moisture
Percent Solids		84.6		1.0	%	Moisture
460-24280-4	**PMP-21-VD-E (3.5-4)**					
Acetone		8.1	J B	10	ug/Kg	8260B
Trichloroethene		1.4		1.0	ug/Kg	8260B
Percent Moisture		5.9		1.0	%	Moisture
Percent Solids		94.1		1.0	%	Moisture
460-24280-5	**PMP-21-WT-E (8-8.5)**					
Acetone		17	B	9.8	ug/Kg	8260B
Trichloroethene		1.5		0.98	ug/Kg	8260B
Aroclor 1260		28	J	79	ug/Kg	8082
Percent Moisture		15.6		1.0	%	Moisture
Percent Solids		84.4		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-24280-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-24280-6	**PMP-21-SI-E (10.5-11)**					
Acetone		5.2	B	3.5	ug/Kg	8260B
cis-1,2-Dichloroethene		0.13	J	0.35	ug/Kg	8260B
Trichloroethene		1.1		0.35	ug/Kg	8260B
Percent Moisture		14.2		1.0	%	Moisture
Percent Solids		85.8		1.0	%	Moisture
460-24280-7	**PMP-1-VD-E (3.5-4.0)**					
Acetone		11	B	11	ug/Kg	8260B
cis-1,2-Dichloroethene		0.28	J	1.1	ug/Kg	8260B
Trichloroethene		1.4		1.1	ug/Kg	8260B
Total Chloride		25.0	J	100	mg/Kg	9251
Percent Moisture		4.8		1.0	%	Moisture
Percent Solids		95.2		1.0	%	Moisture
460-24280-8	**PMP-1-WT-E (8-8.5)**					
Acetone		17	B	9.6	ug/Kg	8260B
cis-1,2-Dichloroethene		0.56	J	0.96	ug/Kg	8260B
Trichloroethene		1.4		0.96	ug/Kg	8260B
Total Petroleum Hydrocarbons (C8-C40)		7.5		6.2	mg/Kg	NJ-OQA-QAM-025
Total Chloride		23.5	J	100	mg/Kg	9251
Percent Moisture		11.3		1.0	%	Moisture
Percent Solids		88.7		1.0	%	Moisture
460-24280-9	**PMP-1-SI-E (10.5-11.0)**					
Acetone		6.2	J	9.4	ug/Kg	8260B
cis-1,2-Dichloroethene		0.78	J	0.94	ug/Kg	8260B
Trichloroethene		0.80	J	0.94	ug/Kg	8260B
Percent Moisture		13.4		1.0	%	Moisture
Percent Solids		86.6		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-24280-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-24280-10	**PMP-24-VS-E (1-3)**					
Acetone		270	J	410	ug/Kg	8260B
cis-1,2-Dichloroethene		300		41	ug/Kg	8260B
Styrene		18	J	41	ug/Kg	8260B
Ethylbenzene		160		41	ug/Kg	8260B
Chlorobenzene		130		41	ug/Kg	8260B
Isopropylbenzene		62		41	ug/Kg	8260B
Trichloroethene		650		41	ug/Kg	8260B
Toluene		51		41	ug/Kg	8260B
1,2-Dichlorobenzene		740		41	ug/Kg	8260B
1,3-Dichlorobenzene		18	J	41	ug/Kg	8260B
1,4-Dichlorobenzene		140		41	ug/Kg	8260B
1,2,4-Trichlorobenzene		13000		41	ug/Kg	8260B
1,2,3-Trichlorobenzene		2600		41	ug/Kg	8260B
Methylcyclohexane		140		41	ug/Kg	8260B
Tetrachloroethene		710		41	ug/Kg	8260B
Xylenes, Total		930		120	ug/Kg	8260B
Naphthalene		120	J	720	ug/Kg	8270C
2-Methylnaphthalene		610	J	720	ug/Kg	8270C
Diphenyl		230	J	720	ug/Kg	8270C
Aroclor 1242		2800000		180000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		860		30	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		8.5		1.0	%	Moisture
Percent Solids		91.5		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-24280-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-24280-11	**PMP-24-VD-E (4.5-6.5)**					
Acetone		860	J	1800	ug/Kg	8260B
cis-1,2-Dichloroethene		1300		180	ug/Kg	8260B
1,1,1-Trichloroethane		73	J	180	ug/Kg	8260B
Styrene		3400		180	ug/Kg	8260B
Ethylbenzene		5300		180	ug/Kg	8260B
Chlorobenzene		1100		180	ug/Kg	8260B
Cyclohexane		58	J	180	ug/Kg	8260B
Isopropylbenzene		900		180	ug/Kg	8260B
Freon TF		370		180	ug/Kg	8260B
Trichloroethene		32000		180	ug/Kg	8260B
Toluene		2000		180	ug/Kg	8260B
1,2-Dichlorobenzene		2500		180	ug/Kg	8260B
1,4-Dichlorobenzene		230		180	ug/Kg	8260B
1,2,4-Trichlorobenzene		17000		180	ug/Kg	8260B
1,2,3-Trichlorobenzene		3800		180	ug/Kg	8260B
Methylcyclohexane		880		180	ug/Kg	8260B
Tetrachloroethene		3800		180	ug/Kg	8260B
Xylenes, Total		25000		530	ug/Kg	8260B
Naphthalene		13000		1800	ug/Kg	8270C
2-Methylnaphthalene		27000		1800	ug/Kg	8270C
Diphenyl		3700		1800	ug/Kg	8270C
Acenaphthene		1100	J	1800	ug/Kg	8270C
Dibenzofuran		750	J	1800	ug/Kg	8270C
Fluorene		810	J	1800	ug/Kg	8270C
Phenanthrene		1100	J	1800	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		670	J	1800	ug/Kg	8270C
Aroclor 1242		14000000		750000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		4500		120	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		10.6		1.0	%	Moisture
Percent Solids		89.4		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-24280-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-24280-12	**PMP-24-WT-E (6.5-8.5)**					
Acetone		2900	J	7400	ug/Kg	8260B
cis-1,2-Dichloroethene		2900		740	ug/Kg	8260B
1,1,1-Trichloroethane		390	J	740	ug/Kg	8260B
Styrene		9100		740	ug/Kg	8260B
Ethylbenzene		9500		740	ug/Kg	8260B
Chlorobenzene		2300		740	ug/Kg	8260B
Isopropylbenzene		1600		740	ug/Kg	8260B
Freon TF		2600		740	ug/Kg	8260B
Trichloroethene		160000		740	ug/Kg	8260B
Toluene		6100		740	ug/Kg	8260B
1,2-Dichlorobenzene		4500		740	ug/Kg	8260B
1,4-Dichlorobenzene		470	J	740	ug/Kg	8260B
1,2,4-Trichlorobenzene		37000		740	ug/Kg	8260B
1,2,3-Trichlorobenzene		8500		740	ug/Kg	8260B
Tetrachloroethene		9300		740	ug/Kg	8260B
Xylenes, Total		40000		2200	ug/Kg	8260B
Naphthalene		9600		1800	ug/Kg	8270C
2-Methylnaphthalene		19000		1800	ug/Kg	8270C
Diphenyl		2700		1800	ug/Kg	8270C
Acenaphthene		870	J	1800	ug/Kg	8270C
Dibenzofuran		490	J	1800	ug/Kg	8270C
Fluorene		540	J	1800	ug/Kg	8270C
Phenanthrene		870	J	1800	ug/Kg	8270C
Bis(2-ethylhexyl) phthalate		460	J	1800	ug/Kg	8270C
Aroclor 1242		10000000		740000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		1300		30	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		9.7		1.0	%	Moisture
Percent Solids		90.3		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-24280-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-24280-13	**PMP-24-SI-E (10.5-12.5)**					
Acetone		2200		930	ug/Kg	8260B
Carbon disulfide		78	J	93	ug/Kg	8260B
cis-1,2-Dichloroethene		1100		93	ug/Kg	8260B
Styrene		13	J	93	ug/Kg	8260B
Ethylbenzene		7800		93	ug/Kg	8260B
Chlorobenzene		470		93	ug/Kg	8260B
Cyclohexane		140		93	ug/Kg	8260B
Isopropylbenzene		1500		93	ug/Kg	8260B
Freon TF		130		93	ug/Kg	8260B
Methyl acetate		93	J	190	ug/Kg	8260B
Trichloroethene		100		93	ug/Kg	8260B
Toluene		1400		93	ug/Kg	8260B
1,2-Dichlorobenzene		1400		93	ug/Kg	8260B
1,3-Dichlorobenzene		26	J	93	ug/Kg	8260B
1,4-Dichlorobenzene		180		93	ug/Kg	8260B
1,2,4-Trichlorobenzene		11000		93	ug/Kg	8260B
1,2,3-Trichlorobenzene		2700		93	ug/Kg	8260B
Methylcyclohexane		1700		93	ug/Kg	8260B
Tetrachloroethene		62	J	93	ug/Kg	8260B
Xylenes, Total		15000		280	ug/Kg	8260B
Naphthalene		1900		770	ug/Kg	8270C
2-Methylnaphthalene		9600		770	ug/Kg	8270C
Diphenyl		690	J	770	ug/Kg	8270C
Acenaphthene		450	J	770	ug/Kg	8270C
Fluorene		880		770	ug/Kg	8270C
Phenanthrene		1400		770	ug/Kg	8270C
Aroclor 1242		870000		78000	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: 460-24280-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-24280-14	**PMP-2-VD-E (3.5-4.0)**					
Acetone		250	J	350	ug/Kg	8260B
cis-1,2-Dichloroethene		24	J	35	ug/Kg	8260B
Chlorobenzene		30	J	35	ug/Kg	8260B
Trichloroethene		30	J	35	ug/Kg	8260B
Toluene		13	J	35	ug/Kg	8260B
1,2-Dichlorobenzene		260		35	ug/Kg	8260B
1,3-Dichlorobenzene		200		35	ug/Kg	8260B
1,4-Dichlorobenzene		690		35	ug/Kg	8260B
1,2,4-Trichlorobenzene		1600		35	ug/Kg	8260B
1,2,3-Trichlorobenzene		300		35	ug/Kg	8260B
Methylcyclohexane		41		35	ug/Kg	8260B
Xylenes, Total		130		110	ug/Kg	8260B
Naphthalene		91	J	340	ug/Kg	8270C
2-Methylnaphthalene		150	J	340	ug/Kg	8270C
Aroclor 1242		9400		700	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		520		11	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		4.1		1.0	%	Moisture
Percent Solids		95.9		1.0	%	Moisture
460-24280-15	**PMP-2WT-E (8.0-8.5)**					
Acetone		310	J	440	ug/Kg	8260B
cis-1,2-Dichloroethene		30	J	44	ug/Kg	8260B
Ethylbenzene		130		44	ug/Kg	8260B
Chlorobenzene		97		44	ug/Kg	8260B
Isopropylbenzene		23	J	44	ug/Kg	8260B
Trichloroethene		15	J	44	ug/Kg	8260B
Toluene		59		44	ug/Kg	8260B
1,2-Dichlorobenzene		4600		44	ug/Kg	8260B
1,3-Dichlorobenzene		2100		44	ug/Kg	8260B
1,4-Dichlorobenzene		7800		44	ug/Kg	8260B
1,2,4-Trichlorobenzene		1200		44	ug/Kg	8260B
1,2,3-Trichlorobenzene		2000		44	ug/Kg	8260B
Methylcyclohexane		110		44	ug/Kg	8260B
Xylenes, Total		1600		130	ug/Kg	8260B
Naphthalene		12000	D	3400	ug/Kg	8270C
2-Methylnaphthalene		35000	D	3400	ug/Kg	8270C
Acenaphthene		3200	J D	3400	ug/Kg	8270C
Fluorene		2900	J D	3400	ug/Kg	8270C
Phenanthrene		6100	D	3400	ug/Kg	8270C
Aroclor 1242		500000		35000	ug/Kg	8082
Aroclor 1260		120000		35000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		4200		110	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		3.6		1.0	%	Moisture
Percent Solids		96.4		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-24280-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-24280-16	**PMP-2-SI-E (10.5-11.0)**					
Acetone		330	J	610	ug/Kg	8260B
cis-1,2-Dichloroethene		38	J	61	ug/Kg	8260B
Ethylbenzene		770		61	ug/Kg	8260B
Chlorobenzene		83		61	ug/Kg	8260B
Isopropylbenzene		330		61	ug/Kg	8260B
Toluene		470		61	ug/Kg	8260B
1,2-Dichlorobenzene		570		61	ug/Kg	8260B
1,3-Dichlorobenzene		280		61	ug/Kg	8260B
1,4-Dichlorobenzene		1100		61	ug/Kg	8260B
1,2,4-Trichlorobenzene		3100		61	ug/Kg	8260B
1,2,3-Trichlorobenzene		1500		61	ug/Kg	8260B
Methylcyclohexane		51	J	61	ug/Kg	8260B
Xylenes, Total		3200		180	ug/Kg	8260B
Naphthalene		4100		760	ug/Kg	8270C
2-Methylnaphthalene		12000		760	ug/Kg	8270C
Diphenyl		1500		760	ug/Kg	8270C
Fluorene		1500		760	ug/Kg	8270C
Phenanthrene		3600		760	ug/Kg	8270C
Pyrene		130	J	760	ug/Kg	8270C
Aroclor 1242		60000		3800	ug/Kg	8082
Aroclor 1260		13000		3800	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		1100		32	mg/Kg	NJ-OQA-QAM-025
Total Chloride		20.0	J	100	mg/Kg	9251
Percent Moisture		12.8		1.0	%	Moisture
Percent Solids		87.2		1.0	%	Moisture
460-24280-17	**PMP-5-VD-E (3.5-4)**					
Acetone		23	B	11	ug/Kg	8260B
cis-1,2-Dichloroethene		0.56	J	1.1	ug/Kg	8260B
Toluene		0.38	J	1.1	ug/Kg	8260B
Aroclor 1242		130		69	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		9.7		5.7	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		3.4		1.0	%	Moisture
Percent Solids		96.6		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-24280-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-24280-18	**PMP-5-WT-E (8-8.5)**					
Acetone		750	J	980	ug/Kg	8260B
Ethylbenzene		570		98	ug/Kg	8260B
Chlorobenzene		58	J	98	ug/Kg	8260B
Isopropylbenzene		360		98	ug/Kg	8260B
Trichloroethene		22	J	98	ug/Kg	8260B
Toluene		200		98	ug/Kg	8260B
1,2-Dichlorobenzene		830		98	ug/Kg	8260B
1,3-Dichlorobenzene		460		98	ug/Kg	8260B
1,4-Dichlorobenzene		2300		98	ug/Kg	8260B
1,2,4-Trichlorobenzene		1500		98	ug/Kg	8260B
1,2,3-Trichlorobenzene		1600		98	ug/Kg	8260B
Methylcyclohexane		150		98	ug/Kg	8260B
Xylenes, Total		1600		290	ug/Kg	8260B
2-Methylnaphthalene		22000		1700	ug/Kg	8270C
Diphenyl		2800		1700	ug/Kg	8270C
Acenaphthene		1300	J	1700	ug/Kg	8270C
Fluorene		2000		1700	ug/Kg	8270C
Phenanthrene		4900		1700	ug/Kg	8270C
Aroclor 1242		270000		18000	ug/Kg	8082
Aroclor 1260		53000		18000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		660	*	29	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		5.6		1.0	%	Moisture
Percent Solids		94.4		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Antea USA, Inc. Job Number: 460-24280-1

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
460-24280-19	**PMP-5SI-E (10.5-11)**					
Acetone		810	J	990	ug/Kg	8260B
Carbon disulfide		120		99	ug/Kg	8260B
Ethylbenzene		330		99	ug/Kg	8260B
Isopropylbenzene		190		99	ug/Kg	8260B
Trichloroethene		290		99	ug/Kg	8260B
Toluene		160		99	ug/Kg	8260B
1,2-Dichlorobenzene		490		99	ug/Kg	8260B
1,3-Dichlorobenzene		270		99	ug/Kg	8260B
1,4-Dichlorobenzene		1200		99	ug/Kg	8260B
1,2,4-Trichlorobenzene		640		99	ug/Kg	8260B
1,2,3-Trichlorobenzene		970		99	ug/Kg	8260B
Methylcyclohexane		99		99	ug/Kg	8260B
Tetrachloroethene		20	J	99	ug/Kg	8260B
Xylenes, Total		1000		300	ug/Kg	8260B
Naphthalene		11000		1900	ug/Kg	8270C
2-Methylnaphthalene		28000		1900	ug/Kg	8270C
Diphenyl		2600		1900	ug/Kg	8270C
Acenaphthene		1400	J	1900	ug/Kg	8270C
Fluorene		2300		1900	ug/Kg	8270C
Phenanthrene		5400		1900	ug/Kg	8270C
Aroclor 1242		200000		19000	ug/Kg	8082
Aroclor 1260		37000		19000	ug/Kg	8082
Total Petroleum Hydrocarbons (C8-C40)		1100	*	32	mg/Kg	NJ-OQA-QAM-025
Percent Moisture		14.0		1.0	%	Moisture
Percent Solids		86.0		1.0	%	Moisture

METHOD SUMMARY

Client: Antea USA, Inc. Job Number: 460-24280-1

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	
Automated Soxhlet Extraction	TAL EDI		SW846 3541
New Jersey - Total petroleum Hydrocarbons (GC)	TAL EDI	NJDEP NJ-OQA-QAM-025	
Microwave Extraction	TAL EDI		SW846 3546
Chloride	TAL EDI	SW846 9251	
Leaching Procedure	TAL EDI		ASTM D3987-85
Percent Moisture	TAL EDI	EPA Moisture	

Lab References:

TAL EDI = TestAmerica Edison

Method References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

NJDEP = New Jersey Department of Environmental Protection

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: 460-24280-1

Method	Analyst	Analyst ID
SW846 8260B	Desai, Saurab	SD
SW846 8260B	Martinez, Eddie	EM
SW846 8260B	Tupayachi, Audberto	AT
SW846 8270C	Crocco, Michael	MC
SW846 8270C	Zhao, Chunxin	CZ
SW846 8082	Boykin, Carol B	CBB
SW846 8082	Damarapu, Shanthi	SD
NJDEP NJ-OQA-QAM-025	Patel, Hemex	HP
NJDEP NJ-OQA-QAM-025	Yip, Ming	MY
SW846 9251	Cabanganan, Maria	MB
EPA Moisture	Retana, Camille	CR

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-25-VS-E (1-3)**

Lab Sample ID: 460-24280-1 Date Sampled: 03/17/2011 0904
Client Matrix: Solid % Moisture: 6.9 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67886	Lab File ID:	o46707.d
Dilution:	1.0			Initial Weight/Volume:	5.7 g
Analysis Date:	03/28/2011 2224			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0049				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.94	U	0.60	0.94
Bromomethane		0.94	U	0.39	0.94
Vinyl chloride		0.94	U	0.22	0.94
Chloroethane		0.94	U	0.38	0.94
Methylene Chloride		0.94	U	0.44	0.94
Acetone		12	B	3.5	9.4
Carbon disulfide		0.94	U	0.44	0.94
Trichlorofluoromethane		0.94	U	0.24	0.94
1,1-Dichloroethene		0.94	U	0.35	0.94
1,1-Dichloroethane		0.94	U	0.24	0.94
trans-1,2-Dichloroethene		0.94	U	0.27	0.94
cis-1,2-Dichloroethene		0.94	U	0.22	0.94
Chloroform		0.94	U	0.22	0.94
2-Butanone		9.4	U	0.54	9.4
1,2-Dichloroethane		0.94	U	0.37	0.94
1,1,1-Trichloroethane		0.94	U	0.18	0.94
Carbon tetrachloride		0.94	U	0.095	0.94
Benzene		0.94	U	0.70	0.94
Bromoform		0.94	U	0.66	0.94
Styrene		0.94	U	0.33	0.94
Ethylbenzene		0.94	U	0.18	0.94
Chlorobenzene		0.94	U	0.45	0.94
Cyclohexane		0.94	U	0.21	0.94
Isopropylbenzene		0.94	U	0.24	0.94
2-Hexanone		9.4	U	1.6	9.4
MTBE		0.94	U	0.32	0.94
Freon TF		0.94	U	0.45	0.94
Methyl acetate		0.94	U	0.84	0.94
1,4-Dioxane		47	U	3.9	47
Trichloroethene		1.1		0.34	0.94
Toluene		0.94	U	0.28	0.94
trans-1,3-Dichloropropene		0.94	U	0.21	0.94
4-Methyl-2-pentanone		9.4	U	0.67	9.4
cis-1,3-Dichloropropene		0.94	U	0.19	0.94
1,2-Dichlorobenzene		0.94	U	0.60	0.94
1,3-Dichlorobenzene		0.94	U	0.46	0.94
1,4-Dichlorobenzene		0.94	U	0.67	0.94
1,2,4-Trichlorobenzene		0.94	U	0.50	0.94
1,2,3-Trichlorobenzene		0.94	U	0.61	0.94
1,2-Dichloropropane		0.94	U	0.30	0.94
Methylcyclohexane		0.94	U	0.26	0.94
Tetrachloroethene		0.34	J	0.31	0.94
Xylenes, Total		2.8	U	0.74	2.8
1,2-Dibromo-3-Chloropropane		0.94	U	0.58	0.94
1,1,2,2-Tetrachloroethane		0.94	U	0.72	0.94
1,1,2-Trichloroethane		0.94	U	0.56	0.94

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-25-VS-E (1-3)**

Lab Sample ID: 460-24280-1 Date Sampled: 03/17/2011 0904
Client Matrix: Solid % Moisture: 6.9 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67886	Lab File ID:	o46707.d
Dilution:	1.0			Initial Weight/Volume:	5.7 g
Analysis Date:	03/28/2011 2224			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0049				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.94	U	0.53	0.94
1,2-Dibromoethane		0.94	U	0.49	0.94
Dichlorodifluoromethane		0.94	U	0.38	0.94
Bromochloromethane		0.94	U	0.26	0.94
Bromodichloromethane		0.94	U	0.29	0.94

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 138
Toluene-d8 (Surr)	90		66 - 126
Bromofluorobenzene	96		72 - 132

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-25-VS-E (1-3)**

Lab Sample ID: 460-24280-1 Date Sampled: 03/17/2011 0904
Client Matrix: Solid % Moisture: 6.9 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67886	Lab File ID:	o46707.d
Dilution:	1.0			Initial Weight/Volume:	5.7 g
Analysis Date:	03/28/2011 2224			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0049				

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: 460-24280-1

Client Sample ID: **PMP-25-VD-E (3-5)**

Lab Sample ID: 460-24280-2 Date Sampled: 03/17/2011 0909
Client Matrix: Solid % Moisture: 4.8 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67886	Lab File ID:	o46708.d
Dilution:	1.0			Initial Weight/Volume:	4.68 g
Analysis Date:	03/28/2011 2249			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0050				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		1.1	U	0.71	1.1
Bromomethane		1.1	U	0.46	1.1
Vinyl chloride		1.1	U	0.26	1.1
Chloroethane		1.1	U	0.45	1.1
Methylene Chloride		1.1	U	0.53	1.1
Acetone		8.7	J B	4.1	11
Carbon disulfide		1.1	U	0.52	1.1
Trichlorofluoromethane		1.1	U	0.29	1.1
1,1-Dichloroethene		1.1	U	0.41	1.1
1,1-Dichloroethane		1.1	U	0.28	1.1
trans-1,2-Dichloroethene		1.1	U	0.32	1.1
cis-1,2-Dichloroethene		1.1	U	0.26	1.1
Chloroform		1.1	U	0.27	1.1
2-Butanone		11	U	0.64	11
1,2-Dichloroethane		1.1	U	0.44	1.1
1,1,1-Trichloroethane		1.1	U	0.21	1.1
Carbon tetrachloride		1.1	U	0.11	1.1
Benzene		1.1	U	0.83	1.1
Bromoform		1.1	U	0.79	1.1
Styrene		1.1	U	0.39	1.1
Ethylbenzene		1.1	U	0.21	1.1
Chlorobenzene		1.1	U	0.54	1.1
Cyclohexane		1.1	U	0.25	1.1
Isopropylbenzene		1.1	U	0.29	1.1
2-Hexanone		11	U	1.9	11
MTBE		1.1	U	0.39	1.1
Freon TF		1.1	U	0.53	1.1
Methyl acetate		1.1	U	1.0	1.1
1,4-Dioxane		56	U	4.7	56
Trichloroethene		1.9		0.41	1.1
Toluene		1.1	U	0.34	1.1
trans-1,3-Dichloropropene		1.1	U	0.25	1.1
4-Methyl-2-pentanone		11	U	0.80	11
cis-1,3-Dichloropropene		1.1	U	0.23	1.1
1,2-Dichlorobenzene		1.1	U	0.71	1.1
1,3-Dichlorobenzene		1.1	U	0.54	1.1
1,4-Dichlorobenzene		1.1	U	0.80	1.1
1,2,4-Trichlorobenzene		1.1	U	0.60	1.1
1,2,3-Trichlorobenzene		1.1	U	0.73	1.1
1,2-Dichloropropane		1.1	U	0.36	1.1
Methylcyclohexane		1.1	U	0.31	1.1
Tetrachloroethene		1.1	U	0.37	1.1
Xylenes, Total		3.4	U	0.88	3.4
1,2-Dibromo-3-Chloropropane		1.1	U	0.69	1.1
1,1,2,2-Tetrachloroethane		1.1	U	0.85	1.1
1,1,2-Trichloroethane		1.1	U	0.67	1.1

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-25-VD-E (3-5)**

Lab Sample ID: 460-24280-2 Date Sampled: 03/17/2011 0909
Client Matrix: Solid % Moisture: 4.8 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67886	Lab File ID:	o46708.d
Dilution:	1.0			Initial Weight/Volume:	4.68 g
Analysis Date:	03/28/2011 2249			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0050				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		1.1	U	0.63	1.1
1,2-Dibromoethane		1.1	U	0.58	1.1
Dichlorodifluoromethane		1.1	U	0.46	1.1
Bromochloromethane		1.1	U	0.30	1.1
Bromodichloromethane		1.1	U	0.34	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 138
Toluene-d8 (Surr)	90		66 - 126
Bromofluorobenzene	96		72 - 132

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-25-VD-E (3-5)**

Lab Sample ID: 460-24280-2 Date Sampled: 03/17/2011 0909
Client Matrix: Solid % Moisture: 4.8 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67886	Lab File ID:	o46708.d
Dilution:	1.0			Initial Weight/Volume:	4.68 g
Analysis Date:	03/28/2011 2249			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0050				

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: 460-24280-1

Client Sample ID: **PMP-25-WT-E (7.5-9.5)**

Lab Sample ID: 460-24280-3 Date Sampled: 03/17/2011 0915
Client Matrix: Solid % Moisture: 15.4 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67886	Lab File ID:	o46709.d
Dilution:	1.0			Initial Weight/Volume:	12.03 g
Analysis Date:	03/28/2011 2314			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0050				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.49	U	0.31	0.49
Bromomethane		0.49	U	0.20	0.49
Vinyl chloride		0.49	U	0.11	0.49
Chloroethane		0.49	U	0.20	0.49
Methylene Chloride		0.49	U	0.23	0.49
Acetone		3.7	J B	1.8	4.9
Carbon disulfide		0.49	U	0.23	0.49
Trichlorofluoromethane		0.49	U	0.13	0.49
1,1-Dichloroethene		0.49	U	0.18	0.49
1,1-Dichloroethane		0.49	U	0.12	0.49
trans-1,2-Dichloroethene		0.49	U	0.14	0.49
cis-1,2-Dichloroethene		0.13	J	0.12	0.49
Chloroform		0.49	U	0.12	0.49
2-Butanone		4.9	U	0.28	4.9
1,2-Dichloroethane		0.49	U	0.19	0.49
1,1,1-Trichloroethane		0.49	U	0.092	0.49
Carbon tetrachloride		0.49	U	0.050	0.49
Benzene		0.49	U	0.36	0.49
Bromoform		0.49	U	0.34	0.49
Styrene		0.49	U	0.17	0.49
Ethylbenzene		0.49	U	0.094	0.49
Chlorobenzene		0.49	U	0.24	0.49
Cyclohexane		0.49	U	0.11	0.49
Isopropylbenzene		0.49	U	0.13	0.49
2-Hexanone		4.9	U	0.82	4.9
MTBE		0.49	U	0.17	0.49
Freon TF		0.49	U	0.23	0.49
Methyl acetate		0.49	U	0.44	0.49
1,4-Dioxane		25	U	2.0	25
Trichloroethene		1.1		0.18	0.49
Toluene		0.49	U	0.15	0.49
trans-1,3-Dichloropropene		0.49	U	0.11	0.49
4-Methyl-2-pentanone		4.9	U	0.35	4.9
cis-1,3-Dichloropropene		0.49	U	0.099	0.49
1,2-Dichlorobenzene		0.49	U	0.31	0.49
1,3-Dichlorobenzene		0.49	U	0.24	0.49
1,4-Dichlorobenzene		0.49	U	0.35	0.49
1,2,4-Trichlorobenzene		0.49	U	0.26	0.49
1,2,3-Trichlorobenzene		0.49	U	0.32	0.49
1,2-Dichloropropane		0.49	U	0.16	0.49
Methylcyclohexane		0.49	U	0.13	0.49
Tetrachloroethene		0.49	U	0.16	0.49
Xylenes, Total		1.5	U	0.39	1.5
1,2-Dibromo-3-Chloropropane		0.49	U	0.30	0.49
1,1,2,2-Tetrachloroethane		0.49	U	0.37	0.49
1,1,2-Trichloroethane		0.49	U	0.29	0.49

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-25-WT-E (7.5-9.5)**

Lab Sample ID: 460-24280-3 Date Sampled: 03/17/2011 0915
Client Matrix: Solid % Moisture: 15.4 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67886	Lab File ID:	o46709.d
Dilution:	1.0			Initial Weight/Volume:	12.03 g
Analysis Date:	03/28/2011 2314			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0050				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.49	U	0.28	0.49
1,2-Dibromoethane		0.49	U	0.25	0.49
Dichlorodifluoromethane		0.49	U	0.20	0.49
Bromochloromethane		0.49	U	0.13	0.49
Bromodichloromethane		0.49	U	0.15	0.49

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 138
Toluene-d8 (Surr)	90		66 - 126
Bromofluorobenzene	94		72 - 132

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-25-WT-E (7.5-9.5)**

Lab Sample ID: 460-24280-3 Date Sampled: 03/17/2011 0915
Client Matrix: Solid % Moisture: 15.4 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67886	Lab File ID:	o46709.d
Dilution:	1.0			Initial Weight/Volume:	12.03 g
Analysis Date:	03/28/2011 2314			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0050				

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: 460-24280-1

Client Sample ID: **PMP-21-VD-E (3.5-4)**

Lab Sample ID: 460-24280-4 Date Sampled: 03/17/2011 0920
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67886	Lab File ID:	o46710.d
Dilution:	1.0			Initial Weight/Volume:	5.22 g
Analysis Date:	03/28/2011 2338			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0051				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		1.0	U	0.65	1.0
Bromomethane		1.0	U	0.42	1.0
Vinyl chloride		1.0	U	0.24	1.0
Chloroethane		1.0	U	0.41	1.0
Methylene Chloride		1.0	U	0.48	1.0
Acetone		8.1	J B	3.8	10
Carbon disulfide		1.0	U	0.47	1.0
Trichlorofluoromethane		1.0	U	0.26	1.0
1,1-Dichloroethene		1.0	U	0.38	1.0
1,1-Dichloroethane		1.0	U	0.26	1.0
trans-1,2-Dichloroethene		1.0	U	0.29	1.0
cis-1,2-Dichloroethene		1.0	U	0.24	1.0
Chloroform		1.0	U	0.24	1.0
2-Butanone		10	U	0.58	10
1,2-Dichloroethane		1.0	U	0.40	1.0
1,1,1-Trichloroethane		1.0	U	0.19	1.0
Carbon tetrachloride		1.0	U	0.10	1.0
Benzene		1.0	U	0.75	1.0
Bromoform		1.0	U	0.71	1.0
Styrene		1.0	U	0.35	1.0
Ethylbenzene		1.0	U	0.19	1.0
Chlorobenzene		1.0	U	0.49	1.0
Cyclohexane		1.0	U	0.23	1.0
Isopropylbenzene		1.0	U	0.26	1.0
2-Hexanone		10	U	1.7	10
MTBE		1.0	U	0.35	1.0
Freon TF		1.0	U	0.48	1.0
Methyl acetate		1.0	U	0.91	1.0
1,4-Dioxane		51	U	4.2	51
Trichloroethene		1.4		0.37	1.0
Toluene		1.0	U	0.30	1.0
trans-1,3-Dichloropropene		1.0	U	0.22	1.0
4-Methyl-2-pentanone		10	U	0.73	10
cis-1,3-Dichloropropene		1.0	U	0.20	1.0
1,2-Dichlorobenzene		1.0	U	0.65	1.0
1,3-Dichlorobenzene		1.0	U	0.49	1.0
1,4-Dichlorobenzene		1.0	U	0.72	1.0
1,2,4-Trichlorobenzene		1.0	U	0.54	1.0
1,2,3-Trichlorobenzene		1.0	U	0.66	1.0
1,2-Dichloropropane		1.0	U	0.32	1.0
Methylcyclohexane		1.0	U	0.28	1.0
Tetrachloroethene		1.0	U	0.34	1.0
Xylenes, Total		3.1	U	0.80	3.1
1,2-Dibromo-3-Chloropropane		1.0	U	0.62	1.0
1,1,2,2-Tetrachloroethane		1.0	U	0.77	1.0
1,1,2-Trichloroethane		1.0	U	0.60	1.0

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-21-VD-E (3.5-4)**

Lab Sample ID: 460-24280-4 Date Sampled: 03/17/2011 0920
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67886	Lab File ID:	o46710.d
Dilution:	1.0			Initial Weight/Volume:	5.22 g
Analysis Date:	03/28/2011 2338			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0051				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		1.0	U	0.57	1.0
1,2-Dibromoethane		1.0	U	0.53	1.0
Dichlorodifluoromethane		1.0	U	0.41	1.0
Bromochloromethane		1.0	U	0.28	1.0
Bromodichloromethane		1.0	U	0.31	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	77		70 - 138
Toluene-d8 (Surr)	71		66 - 126
Bromofluorobenzene	74		72 - 132

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-21-VD-E (3.5-4)**

Lab Sample ID: 460-24280-4 Date Sampled: 03/17/2011 0920
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67886	Lab File ID:	o46710.d
Dilution:	1.0			Initial Weight/Volume:	5.22 g
Analysis Date:	03/28/2011 2338			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0051				

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: 460-24280-1

Client Sample ID: **PMP-21-WT-E (8-8.5)**

Lab Sample ID: 460-24280-5 Date Sampled: 03/17/2011 0925
Client Matrix: Solid % Moisture: 15.6 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67886	Lab File ID:	o46711.d
Dilution:	1.0			Initial Weight/Volume:	6.05 g
Analysis Date:	03/29/2011 0003			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0051				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.98	U	0.62	0.98
Bromomethane		0.98	U	0.40	0.98
Vinyl chloride		0.98	U	0.23	0.98
Chloroethane		0.98	U	0.39	0.98
Methylene Chloride		0.98	U	0.46	0.98
Acetone		17	B	3.6	9.8
Carbon disulfide		0.98	U	0.46	0.98
Trichlorofluoromethane		0.98	U	0.25	0.98
1,1-Dichloroethene		0.98	U	0.36	0.98
1,1-Dichloroethane		0.98	U	0.25	0.98
trans-1,2-Dichloroethene		0.98	U	0.28	0.98
cis-1,2-Dichloroethene		0.98	U	0.23	0.98
Chloroform		0.98	U	0.23	0.98
2-Butanone		9.8	U	0.56	9.8
1,2-Dichloroethane		0.98	U	0.38	0.98
1,1,1-Trichloroethane		0.98	U	0.18	0.98
Carbon tetrachloride		0.98	U	0.099	0.98
Benzene		0.98	U	0.72	0.98
Bromoform		0.98	U	0.69	0.98
Styrene		0.98	U	0.34	0.98
Ethylbenzene		0.98	U	0.19	0.98
Chlorobenzene		0.98	U	0.47	0.98
Cyclohexane		0.98	U	0.22	0.98
Isopropylbenzene		0.98	U	0.25	0.98
2-Hexanone		9.8	U	1.6	9.8
MTBE		0.98	U	0.34	0.98
Freon TF		0.98	U	0.47	0.98
Methyl acetate		0.98	U	0.88	0.98
1,4-Dioxane		49	U	4.1	49
Trichloroethene		1.5		0.36	0.98
Toluene		0.98	U	0.29	0.98
trans-1,3-Dichloropropene		0.98	U	0.22	0.98
4-Methyl-2-pentanone		9.8	U	0.70	9.8
cis-1,3-Dichloropropene		0.98	U	0.20	0.98
1,2-Dichlorobenzene		0.98	U	0.62	0.98
1,3-Dichlorobenzene		0.98	U	0.47	0.98
1,4-Dichlorobenzene		0.98	U	0.70	0.98
1,2,4-Trichlorobenzene		0.98	U	0.52	0.98
1,2,3-Trichlorobenzene		0.98	U	0.63	0.98
1,2-Dichloropropane		0.98	U	0.31	0.98
Methylcyclohexane		0.98	U	0.27	0.98
Tetrachloroethene		0.98	U	0.32	0.98
Xylenes, Total		2.9	U	0.77	2.9
1,2-Dibromo-3-Chloropropane		0.98	U	0.60	0.98
1,1,2,2-Tetrachloroethane		0.98	U	0.74	0.98
1,1,2-Trichloroethane		0.98	U	0.58	0.98

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-21-WT-E (8-8.5)**

Lab Sample ID: 460-24280-5 Date Sampled: 03/17/2011 0925
Client Matrix: Solid % Moisture: 15.6 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67886	Lab File ID:	o46711.d
Dilution:	1.0			Initial Weight/Volume:	6.05 g
Analysis Date:	03/29/2011 0003			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0051				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.98	U	0.55	0.98
1,2-Dibromoethane		0.98	U	0.51	0.98
Dichlorodifluoromethane		0.98	U	0.40	0.98
Bromochloromethane		0.98	U	0.27	0.98
Bromodichloromethane		0.98	U	0.30	0.98

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 138
Toluene-d8 (Surr)	89		66 - 126
Bromofluorobenzene	94		72 - 132

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-21-WT-E (8-8.5)**

Lab Sample ID: 460-24280-5 Date Sampled: 03/17/2011 0925
Client Matrix: Solid % Moisture: 15.6 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67886	Lab File ID:	o46711.d
Dilution:	1.0			Initial Weight/Volume:	6.05 g
Analysis Date:	03/29/2011 0003			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0051				

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: 460-24280-1

Client Sample ID: **PMP-21-SI-E (10.5-11)**

Lab Sample ID: 460-24280-6 Date Sampled: 03/17/2011 0930
Client Matrix: Solid % Moisture: 14.2 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67886	Lab File ID:	o46712.d
Dilution:	1.0			Initial Weight/Volume:	16.47 g
Analysis Date:	03/29/2011 0028			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0052				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.35	U	0.22	0.35
Bromomethane		0.35	U	0.14	0.35
Vinyl chloride		0.35	U	0.083	0.35
Chloroethane		0.35	U	0.14	0.35
Methylene Chloride		0.35	U	0.17	0.35
Acetone		5.2	B	1.3	3.5
Carbon disulfide		0.35	U	0.16	0.35
Trichlorofluoromethane		0.35	U	0.092	0.35
1,1-Dichloroethene		0.35	U	0.13	0.35
1,1-Dichloroethane		0.35	U	0.089	0.35
trans-1,2-Dichloroethene		0.35	U	0.10	0.35
cis-1,2-Dichloroethene		0.13	J	0.084	0.35
Chloroform		0.35	U	0.084	0.35
2-Butanone		3.5	U	0.20	3.5
1,2-Dichloroethane		0.35	U	0.14	0.35
1,1,1-Trichloroethane		0.35	U	0.066	0.35
Carbon tetrachloride		0.35	U	0.036	0.35
Benzene		0.35	U	0.26	0.35
Bromoform		0.35	U	0.25	0.35
Styrene		0.35	U	0.12	0.35
Ethylbenzene		0.35	U	0.068	0.35
Chlorobenzene		0.35	U	0.17	0.35
Cyclohexane		0.35	U	0.079	0.35
Isopropylbenzene		0.35	U	0.092	0.35
2-Hexanone		3.5	U	0.59	3.5
MTBE		0.35	U	0.12	0.35
Freon TF		0.35	U	0.17	0.35
Methyl acetate		0.35	U	0.32	0.35
1,4-Dioxane		18	U	1.5	18
Trichloroethene		1.1		0.13	0.35
Toluene		0.35	U	0.11	0.35
trans-1,3-Dichloropropene		0.35	U	0.078	0.35
4-Methyl-2-pentanone		3.5	U	0.25	3.5
cis-1,3-Dichloropropene		0.35	U	0.071	0.35
1,2-Dichlorobenzene		0.35	U	0.23	0.35
1,3-Dichlorobenzene		0.35	U	0.17	0.35
1,4-Dichlorobenzene		0.35	U	0.25	0.35
1,2,4-Trichlorobenzene		0.35	U	0.19	0.35
1,2,3-Trichlorobenzene		0.35	U	0.23	0.35
1,2-Dichloropropane		0.35	U	0.11	0.35
Methylcyclohexane		0.35	U	0.097	0.35
Tetrachloroethene		0.35	U	0.12	0.35
Xylenes, Total		1.1	U	0.28	1.1
1,2-Dibromo-3-Chloropropane		0.35	U	0.22	0.35
1,1,2,2-Tetrachloroethane		0.35	U	0.27	0.35
1,1,2-Trichloroethane		0.35	U	0.21	0.35

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-21-SI-E (10.5-11)**

Lab Sample ID: 460-24280-6 Date Sampled: 03/17/2011 0930
Client Matrix: Solid % Moisture: 14.2 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67886	Lab File ID:	o46712.d
Dilution:	1.0			Initial Weight/Volume:	16.47 g
Analysis Date:	03/29/2011 0028			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0052				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.35	U	0.20	0.35
1,2-Dibromoethane		0.35	U	0.18	0.35
Dichlorodifluoromethane		0.35	U	0.14	0.35
Bromochloromethane		0.35	U	0.096	0.35
Bromodichloromethane		0.35	U	0.11	0.35

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 138
Toluene-d8 (Surr)	91		66 - 126
Bromofluorobenzene	94		72 - 132

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-21-SI-E (10.5-11)**

Lab Sample ID: 460-24280-6 Date Sampled: 03/17/2011 0930
Client Matrix: Solid % Moisture: 14.2 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67886	Lab File ID:	o46712.d
Dilution:	1.0			Initial Weight/Volume:	16.47 g
Analysis Date:	03/29/2011 0028			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0052				

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: 460-24280-1

Client Sample ID: **PMP-1-VD-E (3.5-4.0)**

Lab Sample ID: 460-24280-7 Date Sampled: 03/17/2011 0940
Client Matrix: Solid % Moisture: 4.8 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67886	Lab File ID:	o46713.d
Dilution:	1.0			Initial Weight/Volume:	4.67 g
Analysis Date:	03/29/2011 0053			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0052				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		1.1	U	0.71	1.1
Bromomethane		1.1	U	0.46	1.1
Vinyl chloride		1.1	U	0.26	1.1
Chloroethane		1.1	U	0.45	1.1
Methylene Chloride		1.1	U	0.53	1.1
Acetone		11	B	4.2	11
Carbon disulfide		1.1	U	0.52	1.1
Trichlorofluoromethane		1.1	U	0.29	1.1
1,1-Dichloroethene		1.1	U	0.41	1.1
1,1-Dichloroethane		1.1	U	0.28	1.1
trans-1,2-Dichloroethene		1.1	U	0.32	1.1
cis-1,2-Dichloroethene		0.28	J	0.27	1.1
Chloroform		1.1	U	0.27	1.1
2-Butanone		11	U	0.64	11
1,2-Dichloroethane		1.1	U	0.44	1.1
1,1,1-Trichloroethane		1.1	U	0.21	1.1
Carbon tetrachloride		1.1	U	0.11	1.1
Benzene		1.1	U	0.83	1.1
Bromoform		1.1	U	0.79	1.1
Styrene		1.1	U	0.39	1.1
Ethylbenzene		1.1	U	0.21	1.1
Chlorobenzene		1.1	U	0.54	1.1
Cyclohexane		1.1	U	0.25	1.1
Isopropylbenzene		1.1	U	0.29	1.1
2-Hexanone		11	U	1.9	11
MTBE		1.1	U	0.39	1.1
Freon TF		1.1	U	0.54	1.1
Methyl acetate		1.1	U	1.0	1.1
1,4-Dioxane		56	U	4.7	56
Trichloroethene		1.4		0.41	1.1
Toluene		1.1	U	0.34	1.1
trans-1,3-Dichloropropene		1.1	U	0.25	1.1
4-Methyl-2-pentanone		11	U	0.80	11
cis-1,3-Dichloropropene		1.1	U	0.23	1.1
1,2-Dichlorobenzene		1.1	U	0.72	1.1
1,3-Dichlorobenzene		1.1	U	0.55	1.1
1,4-Dichlorobenzene		1.1	U	0.80	1.1
1,2,4-Trichlorobenzene		1.1	U	0.60	1.1
1,2,3-Trichlorobenzene		1.1	U	0.73	1.1
1,2-Dichloropropane		1.1	U	0.36	1.1
Methylcyclohexane		1.1	U	0.31	1.1
Tetrachloroethene		1.1	U	0.37	1.1
Xylenes, Total		3.4	U	0.88	3.4
1,2-Dibromo-3-Chloropropane		1.1	U	0.69	1.1
1,1,2,2-Tetrachloroethane		1.1	U	0.85	1.1
1,1,2-Trichloroethane		1.1	U	0.67	1.1

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-1-VD-E (3.5-4.0)**

Lab Sample ID: 460-24280-7 Date Sampled: 03/17/2011 0940
Client Matrix: Solid % Moisture: 4.8 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67886	Lab File ID:	o46713.d
Dilution:	1.0			Initial Weight/Volume:	4.67 g
Analysis Date:	03/29/2011 0053			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0052				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		1.1	U	0.63	1.1
1,2-Dibromoethane		1.1	U	0.58	1.1
Dichlorodifluoromethane		1.1	U	0.46	1.1
Bromochloromethane		1.1	U	0.30	1.1
Bromodichloromethane		1.1	U	0.34	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92		70 - 138
Toluene-d8 (Surr)	88		66 - 126
Bromofluorobenzene	93		72 - 132

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-1-VD-E (3.5-4.0)**

Lab Sample ID: 460-24280-7 Date Sampled: 03/17/2011 0940
Client Matrix: Solid % Moisture: 4.8 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67886	Lab File ID:	o46713.d
Dilution:	1.0			Initial Weight/Volume:	4.67 g
Analysis Date:	03/29/2011 0053			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0052				

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: 460-24280-1

Client Sample ID: **PMP-1-WT-E (8-8.5)**

Lab Sample ID: 460-24280-8 Date Sampled: 03/17/2011 0945
Client Matrix: Solid % Moisture: 11.3 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67886	Lab File ID:	o46705.d
Dilution:	1.0			Initial Weight/Volume:	5.85 g
Analysis Date:	03/28/2011 2134			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0053				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.96	U	0.61	0.96
Bromomethane		0.96	U	0.39	0.96
Vinyl chloride		0.96	U	0.23	0.96
Chloroethane		0.96	U	0.38	0.96
Methylene Chloride		0.96	U	0.45	0.96
Acetone		17	B	3.6	9.6
Carbon disulfide		0.96	U	0.45	0.96
Trichlorofluoromethane		0.96	U	0.25	0.96
1,1-Dichloroethene		0.96	U	0.36	0.96
1,1-Dichloroethane		0.96	U	0.24	0.96
trans-1,2-Dichloroethene		0.96	U	0.27	0.96
cis-1,2-Dichloroethene		0.56	J	0.23	0.96
Chloroform		0.96	U	0.23	0.96
2-Butanone		9.6	U	0.55	9.6
1,2-Dichloroethane		0.96	U	0.38	0.96
1,1,1-Trichloroethane		0.96	U	0.18	0.96
Carbon tetrachloride		0.96	U	0.097	0.96
Benzene		0.96	U	0.71	0.96
Bromoform		0.96	U	0.68	0.96
Styrene		0.96	U	0.33	0.96
Ethylbenzene		0.96	U	0.18	0.96
Chlorobenzene		0.96	U	0.46	0.96
Cyclohexane		0.96	U	0.21	0.96
Isopropylbenzene		0.96	U	0.25	0.96
2-Hexanone		9.6	U	1.6	9.6
MTBE		0.96	U	0.33	0.96
Freon TF		0.96	U	0.46	0.96
Methyl acetate		0.96	U	0.86	0.96
1,4-Dioxane		48	U	4.0	48
Trichloroethene		1.4		0.35	0.96
Toluene		0.96	U	0.29	0.96
trans-1,3-Dichloropropene		0.96	U	0.21	0.96
4-Methyl-2-pentanone		9.6	U	0.69	9.6
cis-1,3-Dichloropropene		0.96	U	0.19	0.96
1,2-Dichlorobenzene		0.96	U	0.61	0.96
1,3-Dichlorobenzene		0.96	U	0.47	0.96
1,4-Dichlorobenzene		0.96	U	0.68	0.96
1,2,4-Trichlorobenzene		0.96	U	0.52	0.96
1,2,3-Trichlorobenzene		0.96	U	0.62	0.96
1,2-Dichloropropane		0.96	U	0.31	0.96
Methylcyclohexane		0.96	U	0.26	0.96
Tetrachloroethene		0.96	U	0.32	0.96
Xylenes, Total		2.9	U	0.76	2.9
1,2-Dibromo-3-Chloropropane		0.96	U	0.59	0.96
1,1,2,2-Tetrachloroethane		0.96	U	0.73	0.96
1,1,2-Trichloroethane		0.96	U	0.57	0.96

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-1-WT-E (8-8.5)**

Lab Sample ID: 460-24280-8 Date Sampled: 03/17/2011 0945
Client Matrix: Solid % Moisture: 11.3 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67886	Lab File ID:	o46705.d
Dilution:	1.0			Initial Weight/Volume:	5.85 g
Analysis Date:	03/28/2011 2134			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0053				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.96	U	0.54	0.96
1,2-Dibromoethane		0.96	U	0.50	0.96
Dichlorodifluoromethane		0.96	U	0.39	0.96
Bromochloromethane		0.96	U	0.26	0.96
Bromodichloromethane		0.96	U	0.29	0.96

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 138
Toluene-d8 (Surr)	90		66 - 126
Bromofluorobenzene	95		72 - 132

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-1-WT-E (8-8.5)**

Lab Sample ID: 460-24280-8 Date Sampled: 03/17/2011 0945
Client Matrix: Solid % Moisture: 11.3 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67886	Lab File ID:	o46705.d
Dilution:	1.0			Initial Weight/Volume:	5.85 g
Analysis Date:	03/28/2011 2134			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0053				

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: 460-24280-1

Client Sample ID: **PMP-1-SI-E (10.5-11.0)**

Lab Sample ID: 460-24280-9 Date Sampled: 03/17/2011 0950
Client Matrix: Solid % Moisture: 13.4 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-69040	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67886	Lab File ID:	o46797.d
Dilution:	1.0			Initial Weight/Volume:	6.14 g
Analysis Date:	03/31/2011 0755			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0053				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		0.94	U	0.60	0.94
Bromomethane		0.94	U	0.38	0.94
Vinyl chloride		0.94	U	0.22	0.94
Chloroethane		0.94	U	0.38	0.94
Methylene Chloride		0.94	U	0.44	0.94
Acetone		6.2	J	3.5	9.4
Carbon disulfide		0.94	U	0.44	0.94
Trichlorofluoromethane		0.94	U	0.24	0.94
1,1-Dichloroethene		0.94	U	0.35	0.94
1,1-Dichloroethane		0.94	U	0.24	0.94
trans-1,2-Dichloroethene		0.94	U	0.27	0.94
cis-1,2-Dichloroethene		0.78	J	0.22	0.94
Chloroform		0.94	U	0.22	0.94
2-Butanone		9.4	U	0.53	9.4
1,2-Dichloroethane		0.94	U	0.37	0.94
1,1,1-Trichloroethane		0.94	U	0.18	0.94
Carbon tetrachloride		0.94	U	0.095	0.94
Benzene		0.94	U	0.70	0.94
Bromoform		0.94	U	0.66	0.94
Styrene		0.94	U	0.33	0.94
Ethylbenzene		0.94	U	0.18	0.94
Chlorobenzene		0.94	U	0.45	0.94
Cyclohexane		0.94	U	0.21	0.94
Isopropylbenzene		0.94	U	0.24	0.94
2-Hexanone		9.4	U	1.6	9.4
MTBE		0.94	U	0.32	0.94
Freon TF		0.94	U	0.45	0.94
Methyl acetate		0.94	U	0.84	0.94
1,4-Dioxane		47	U	3.9	47
Trichloroethene		0.80	J	0.34	0.94
Toluene		0.94	U	0.28	0.94
trans-1,3-Dichloropropene		0.94	U	0.21	0.94
4-Methyl-2-pentanone		9.4	U	0.67	9.4
cis-1,3-Dichloropropene		0.94	U	0.19	0.94
1,2-Dichlorobenzene		0.94	U	0.60	0.94
1,3-Dichlorobenzene		0.94	U	0.46	0.94
1,4-Dichlorobenzene		0.94	U	0.67	0.94
1,2,4-Trichlorobenzene		0.94	U	0.50	0.94
1,2,3-Trichlorobenzene		0.94	U	0.61	0.94
1,2-Dichloropropane		0.94	U	0.30	0.94
Methylcyclohexane		0.94	U	0.26	0.94
Tetrachloroethene		0.94	U	0.31	0.94
Xylenes, Total		2.8	U	0.74	2.8
1,2-Dibromo-3-Chloropropane		0.94	U	0.57	0.94
1,1,2,2-Tetrachloroethane		0.94	U	0.71	0.94
1,1,2-Trichloroethane		0.94	U	0.56	0.94

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-1-SI-E (10.5-11.0)**

Lab Sample ID: 460-24280-9 Date Sampled: 03/17/2011 0950
Client Matrix: Solid % Moisture: 13.4 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-69040	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67886	Lab File ID:	o46797.d
Dilution:	1.0			Initial Weight/Volume:	6.14 g
Analysis Date:	03/31/2011 0755			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0053				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		0.94	U	0.53	0.94
1,2-Dibromoethane		0.94	U	0.49	0.94
Dichlorodifluoromethane		0.94	U	0.38	0.94
Bromochloromethane		0.94	U	0.25	0.94
Bromodichloromethane		0.94	U	0.29	0.94

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 138
Toluene-d8 (Surr)	109		66 - 126
Bromofluorobenzene	106		72 - 132

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-1-SI-E (10.5-11.0)**

Lab Sample ID: 460-24280-9 Date Sampled: 03/17/2011 0950
Client Matrix: Solid % Moisture: 13.4 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-69040	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67886	Lab File ID:	o46797.d
Dilution:	1.0			Initial Weight/Volume:	6.14 g
Analysis Date:	03/31/2011 0755			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0053				

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: 460-24280-1

Client Sample ID: **PMP-24-VS-E (1-3)**

Lab Sample ID: 460-24280-10 Date Sampled: 03/17/2011 1025
Client Matrix: Solid % Moisture: 8.5 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68934	Instrument ID:	VOAMS13
Prep Method:	5035	Prep Batch:	460-67884	Lab File ID:	p45598.d
Dilution:	50			Initial Weight/Volume:	6.74 g
Analysis Date:	03/30/2011 2032			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0010				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		41	U	8.5	41
Bromomethane		41	U	13	41
Vinyl chloride		41	U	4.9	41
Chloroethane		41	U	18	41
Methylene Chloride		41	U	7.8	41
Acetone		270	J	100	410
Carbon disulfide		41	U	5.9	41
Trichlorofluoromethane		41	U *	6.4	41
1,1-Dichloroethene		41	U	5.7	41
1,1-Dichloroethane		41	U	4.1	41
trans-1,2-Dichloroethene		41	U	5.6	41
cis-1,2-Dichloroethene		300		7.8	41
Chloroform		41	U	6.3	41
2-Butanone		410	U	33	410
1,2-Dichloroethane		41	U	10	41
1,1,1-Trichloroethane		41	U	10	41
Carbon tetrachloride		41	U	7.3	41
Benzene		41	U	4.8	41
Bromoform		41	U	4.0	41
Styrene		18	J	5.6	41
Ethylbenzene		160		10	41
Chlorobenzene		130		6.7	41
Cyclohexane		41	U	5.0	41
Isopropylbenzene		62		8.6	41
2-Hexanone		410	U	22	410
MTBE		41	U	7.5	41
Freon TF		41	U	12	41
Methyl acetate		81	U	13	81
1,4-Dioxane		2000	U	340	2000
Trichloroethene		650		7.2	41
Toluene		51		3.8	41
trans-1,3-Dichloropropene		41	U	5.0	41
4-Methyl-2-pentanone		410	U	28	410
cis-1,3-Dichloropropene		41	U	4.1	41
1,2-Dichlorobenzene		740		6.6	41
1,3-Dichlorobenzene		18	J	9.1	41
1,4-Dichlorobenzene		140		6.1	41
1,2,4-Trichlorobenzene		13000		18	41
1,2,3-Trichlorobenzene		2600		34	41
1,2-Dichloropropane		41	U	3.5	41
Methylcyclohexane		140		3.2	41
Tetrachloroethene		710		7.9	41
Xylenes, Total		930		18	120
1,2-Dibromo-3-Chloropropane		41	U	6.2	41
1,1,2,2-Tetrachloroethane		41	U	3.5	41
1,1,2-Trichloroethane		41	U	3.9	41

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-VS-E (1-3)**

Lab Sample ID: 460-24280-10 Date Sampled: 03/17/2011 1025
Client Matrix: Solid % Moisture: 8.5 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68934	Instrument ID:	VOAMS13
Prep Method:	5035	Prep Batch:	460-67884	Lab File ID:	p45598.d
Dilution:	50			Initial Weight/Volume:	6.74 g
Analysis Date:	03/30/2011 2032			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0010				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		41	U	4.1	41
1,2-Dibromoethane		41	U	3.7	41
Dichlorodifluoromethane		41	U	12	41
Bromochloromethane		41	U	7.0	41
Bromodichloromethane		41	U	3.6	41

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	70		57 - 135
Toluene-d8 (Surr)	71		46 - 130
Bromofluorobenzene	88		50 - 124

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-VS-E (1-3)**

Lab Sample ID: 460-24280-10 Date Sampled: 03/17/2011 1025
Client Matrix: Solid % Moisture: 8.5 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68934	Instrument ID:	VOAMS13
Prep Method:	5035	Prep Batch:	460-67884	Lab File ID:	p45598.d
Dilution:	50			Initial Weight/Volume:	6.74 g
Analysis Date:	03/30/2011 2032			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0010				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Methyl-methylethylbenzene isomer	8.54	1200	J
	Methyl-methylethylbenzene isomer-2	8.81	820	J
	Coeluting Aromatics	8.90	890	J
	Tetramethylbenzene isomer-1	9.42	830	J
91-20-3	Naphthalene	9.90	1500	
91-57-6	Naphthalene, 2-methyl-	10.63	3000	J N
90-12-0	Naphthalene, 1-methyl-	10.73	1400	J N
	Tetrachlorobenzene isomer	11.05	950	J
	Dimethylnaphthalene isomer	11.28	770	J
	Dimethylnaphthalene isomer-1	11.36	860	J

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-VD-E (4.5-6.5)**

Lab Sample ID: 460-24280-11 Date Sampled: 03/17/2011 1030
Client Matrix: Solid % Moisture: 10.6 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-69082	Instrument ID:	VOAMS13
Prep Method:	5035	Prep Batch:	460-67884	Lab File ID:	p45635.d
Dilution:	200			Initial Weight/Volume:	6.36 g
Analysis Date:	03/31/2011 1539			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0010				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		180	U	37	180
Bromomethane		180	U	55	180
Vinyl chloride		180	U	21	180
Chloroethane		180	U	78	180
Methylene Chloride		180	U	34	180
Acetone		860	J	440	1800
Carbon disulfide		180	U	26	180
Trichlorofluoromethane		180	U	28	180
1,1-Dichloroethene		180	U	25	180
1,1-Dichloroethane		180	U	18	180
trans-1,2-Dichloroethene		180	U	24	180
cis-1,2-Dichloroethene		1300		34	180
Chloroform		180	U	27	180
2-Butanone		1800	U	140	1800
1,2-Dichloroethane		180	U	43	180
1,1,1-Trichloroethane		73	J	43	180
Carbon tetrachloride		180	U	32	180
Benzene		180	U	21	180
Bromoform		180	U	17	180
Styrene		3400		24	180
Ethylbenzene		5300		43	180
Chlorobenzene		1100		29	180
Cyclohexane		58	J	22	180
Isopropylbenzene		900		37	180
2-Hexanone		1800	U	96	1800
MTBE		180	U	33	180
Freon TF		370		51	180
Methyl acetate		350	U	58	350
1,4-Dioxane		8800	U	1500	8800
Trichloroethene		32000		31	180
Toluene		2000		17	180
trans-1,3-Dichloropropene		180	U	21	180
4-Methyl-2-pentanone		1800	U	120	1800
cis-1,3-Dichloropropene		180	U	18	180
1,2-Dichlorobenzene		2500		29	180
1,3-Dichlorobenzene		180	U	40	180
1,4-Dichlorobenzene		230		27	180
1,2,4-Trichlorobenzene		17000		77	180
1,2,3-Trichlorobenzene		3800		150	180
1,2-Dichloropropane		180	U	15	180
Methylcyclohexane		880		14	180
Tetrachloroethene		3800		34	180
Xylenes, Total		25000		76	530
1,2-Dibromo-3-Chloropropane		180	U	27	180
1,1,2,2-Tetrachloroethane		180	U	15	180
1,1,2-Trichloroethane		180	U	17	180

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-VD-E (4.5-6.5)**

Lab Sample ID: 460-24280-11 Date Sampled: 03/17/2011 1030
Client Matrix: Solid % Moisture: 10.6 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-69082	Instrument ID:	VOAMS13
Prep Method:	5035	Prep Batch:	460-67884	Lab File ID:	p45635.d
Dilution:	200			Initial Weight/Volume:	6.36 g
Analysis Date:	03/31/2011 1539			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0010				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		180	U	18	180
1,2-Dibromoethane		180	U	16	180
Dichlorodifluoromethane		180	U	50	180
Bromochloromethane		180	U *	30	180
Bromodichloromethane		180	U	16	180

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	66		57 - 135
Toluene-d8 (Surr)	69		46 - 130
Bromofluorobenzene	80		50 - 124

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-VD-E (4.5-6.5)**

Lab Sample ID: 460-24280-11 Date Sampled: 03/17/2011 1030
Client Matrix: Solid % Moisture: 10.6 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-69082	Instrument ID:	VOAMS13
Prep Method:	5035	Prep Batch:	460-67884	Lab File ID:	p45635.d
Dilution:	200			Initial Weight/Volume:	6.36 g
Analysis Date:	03/31/2011 1539			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0010				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Ethylmethylbenzene isomer	7.63	5000	J
95-63-6	1,2,4-Trimethylbenzene	8.03	7200	
	Ethylmethylbenzene isomer-1	8.36	5000	J
	Ethyldimethylbenzene isomer	8.55	5200	J
	Tetramethylbenzene isomer-1	9.42	5200	J
91-20-3	Naphthalene	9.90	15000	
91-57-6	Naphthalene, 2-methyl-	10.63	18000	J N
90-12-0	Naphthalene, 1-methyl-	10.73	7800	J N
	Dimethylnaphthalene isomer	11.28	5300	J
	Dimethylnaphthalene isomer-1	11.36	9000	J

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-WT-E (6.5-8.5)**

Lab Sample ID: 460-24280-12 Date Sampled: 03/17/2011 1035
Client Matrix: Solid % Moisture: 9.7 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-69082	Instrument ID:	VOAMS13
Prep Method:	5035	Prep Batch:	460-67884	Lab File ID:	p45631.d
Dilution:	1000			Initial Weight/Volume:	7.5 g
Analysis Date:	03/31/2011 1358			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0011				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		740	U	160	740
Bromomethane		740	U	230	740
Vinyl chloride		740	U	89	740
Chloroethane		740	U	330	740
Methylene Chloride		740	U	140	740
Acetone		2900	J	1800	7400
Carbon disulfide		740	U	110	740
Trichlorofluoromethane		740	U	120	740
1,1-Dichloroethene		740	U	100	740
1,1-Dichloroethane		740	U	74	740
trans-1,2-Dichloroethene		740	U	100	740
cis-1,2-Dichloroethene		2900		140	740
Chloroform		740	U	110	740
2-Butanone		7400	U	610	7400
1,2-Dichloroethane		740	U	180	740
1,1,1-Trichloroethane		390	J	180	740
Carbon tetrachloride		740	U	130	740
Benzene		740	U	88	740
Bromoform		740	U	73	740
Styrene		9100		100	740
Ethylbenzene		9500		180	740
Chlorobenzene		2300		120	740
Cyclohexane		740	U	92	740
Isopropylbenzene		1600		160	740
2-Hexanone		7400	U	400	7400
MTBE		740	U	140	740
Freon TF		2600		210	740
Methyl acetate		1500	U	240	1500
1,4-Dioxane		37000	U	6300	37000
Trichloroethene		160000		130	740
Toluene		6100		70	740
trans-1,3-Dichloropropene		740	U	90	740
4-Methyl-2-pentanone		7400	U	500	7400
cis-1,3-Dichloropropene		740	U	75	740
1,2-Dichlorobenzene		4500		120	740
1,3-Dichlorobenzene		740	U	170	740
1,4-Dichlorobenzene		470	J	110	740
1,2,4-Trichlorobenzene		37000		320	740
1,2,3-Trichlorobenzene		8500		610	740
1,2-Dichloropropane		740	U	65	740
Methylcyclohexane		740	U	59	740
Tetrachloroethene		9300		140	740
Xylenes, Total		40000		320	2200
1,2-Dibromo-3-Chloropropane		740	U	110	740
1,1,2,2-Tetrachloroethane		740	U	64	740
1,1,2-Trichloroethane		740	U	72	740

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-WT-E (6.5-8.5)**

Lab Sample ID: 460-24280-12 Date Sampled: 03/17/2011 1035
Client Matrix: Solid % Moisture: 9.7 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-69082	Instrument ID:	VOAMS13
Prep Method:	5035	Prep Batch:	460-67884	Lab File ID:	p45631.d
Dilution:	1000			Initial Weight/Volume:	7.5 g
Analysis Date:	03/31/2011 1358			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0011				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		740	U	74	740
1,2-Dibromoethane		740	U	67	740
Dichlorodifluoromethane		740	U	210	740
Bromochloromethane		740	U *	130	740
Bromodichloromethane		740	U	66	740

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	84		57 - 135
Toluene-d8 (Surr)	103		46 - 130
Bromofluorobenzene	123		50 - 124

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-WT-E (6.5-8.5)**

Lab Sample ID: 460-24280-12 Date Sampled: 03/17/2011 1035
Client Matrix: Solid % Moisture: 9.7 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-69082	Instrument ID:	VOAMS13
Prep Method:	5035	Prep Batch:	460-67884	Lab File ID:	p45631.d
Dilution:	1000			Initial Weight/Volume:	7.5 g
Analysis Date:	03/31/2011 1358			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0011				

Tentatively Identified Compounds **Number TIC's Found:** **9**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
95-63-6	1,2,4-Trimethylbenzene	8.03	4200	
	Ethyldimethylbenzene isomer	8.55	5300	J
	Unknown	8.82	4000	J
	C10H12 Aromatic	9.39	4000	J
	Unknown Aromatic	9.47	4500	J
91-20-3	Naphthalene	9.90	17000	
	C11H14 Aromatic	10.17	4000	J
91-57-6	Naphthalene, 2-methyl-	10.63	13000	J N
90-12-0	Naphthalene, 1-methyl-	10.73	4700	J N

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-SI-E (10.5-12.5)**

Lab Sample ID: 460-24280-13 Date Sampled: 03/17/2011 1040
Client Matrix: Solid % Moisture: 14.1 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-69082	Instrument ID:	VOAMS13
Prep Method:	5035	Prep Batch:	460-67884	Lab File ID:	p45632.d
Dilution:	200			Initial Weight/Volume:	12.54 g
Analysis Date:	03/31/2011 1423			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0011				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		93	U	20	93
Bromomethane		93	U	29	93
Vinyl chloride		93	U	11	93
Chloroethane		93	U	41	93
Methylene Chloride		93	U	18	93
Acetone		2200		230	930
Carbon disulfide		78	J	14	93
Trichlorofluoromethane		93	U	15	93
1,1-Dichloroethene		93	U	13	93
1,1-Dichloroethane		93	U	9.3	93
trans-1,2-Dichloroethene		93	U	13	93
cis-1,2-Dichloroethene		1100		18	93
Chloroform		93	U	14	93
2-Butanone		930	U	76	930
1,2-Dichloroethane		93	U	23	93
1,1,1-Trichloroethane		93	U	23	93
Carbon tetrachloride		93	U	17	93
Benzene		93	U	11	93
Bromoform		93	U	9.2	93
Styrene		13	J	13	93
Ethylbenzene		7800		23	93
Chlorobenzene		470		15	93
Cyclohexane		140		11	93
Isopropylbenzene		1500		20	93
2-Hexanone		930	U	51	930
MTBE		93	U	17	93
Freon TF		130		27	93
Methyl acetate		93	J	30	190
1,4-Dioxane		4600	U	790	4600
Trichloroethene		100		16	93
Toluene		1400		8.8	93
trans-1,3-Dichloropropene		93	U	11	93
4-Methyl-2-pentanone		930	U	63	930
cis-1,3-Dichloropropene		93	U	9.5	93
1,2-Dichlorobenzene		1400		15	93
1,3-Dichlorobenzene		26	J	21	93
1,4-Dichlorobenzene		180		14	93
1,2,4-Trichlorobenzene		11000		40	93
1,2,3-Trichlorobenzene		2700		77	93
1,2-Dichloropropane		93	U	8.1	93
Methylcyclohexane		1700		7.4	93
Tetrachloroethene		62	J	18	93
Xylenes, Total		15000		40	280
1,2-Dibromo-3-Chloropropane		93	U	14	93
1,1,2,2-Tetrachloroethane		93	U	8.0	93
1,1,2-Trichloroethane		93	U	9.0	93

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-SI-E (10.5-12.5)**

Lab Sample ID: 460-24280-13 Date Sampled: 03/17/2011 1040
Client Matrix: Solid % Moisture: 14.1 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-69082	Instrument ID:	VOAMS13
Prep Method:	5035	Prep Batch:	460-67884	Lab File ID:	p45632.d
Dilution:	200			Initial Weight/Volume:	12.54 g
Analysis Date:	03/31/2011 1423			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0011				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		93	U	9.3	93
1,2-Dibromoethane		93	U	8.5	93
Dichlorodifluoromethane		93	U	26	93
Bromochloromethane		93	U *	16	93
Bromodichloromethane		93	U	8.3	93

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	108		57 - 135
Toluene-d8 (Surr)	105		46 - 130
Bromofluorobenzene	117		50 - 124

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-SI-E (10.5-12.5)**

Lab Sample ID: 460-24280-13 Date Sampled: 03/17/2011 1040
Client Matrix: Solid % Moisture: 14.1 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-69082	Instrument ID:	VOAMS13
Prep Method:	5035	Prep Batch:	460-67884	Lab File ID:	p45632.d
Dilution:	200			Initial Weight/Volume:	12.54 g
Analysis Date:	03/31/2011 1423			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0011				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
95-63-6	1,2,4-Trimethylbenzene	8.03	19000	
	Trimethylbenzene isomer	8.36	11000	J
	Ethyldimethylbenzene isomer	8.76	8900	J
	Ethyldimethylbenzene isomer-1	8.81	7900	J
	C11H14 Aromatic	9.27	7900	J
	C10H12 Aromatic	9.40	9900	J
	Tetramethylbenzene isomer-1	9.42	11000	J
91-20-3	Naphthalene	9.90	34000	
91-57-6	Naphthalene, 2-methyl-	10.63	32000	J N
90-12-0	Naphthalene, 1-methyl-	10.73	14000	J N

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-2-VD-E (3.5-4.0)**

Lab Sample ID: 460-24280-14 Date Sampled: 03/17/2011 1119
Client Matrix: Solid % Moisture: 4.1 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68934	Instrument ID:	VOAMS13
Prep Method:	5035	Prep Batch:	460-67884	Lab File ID:	p45590.d
Dilution:	50			Initial Weight/Volume:	7.36 g
Analysis Date:	03/30/2011 1711			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0012				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		35	U	7.5	35
Bromomethane		35	U	11	35
Vinyl chloride		35	U	4.2	35
Chloroethane		35	U	16	35
Methylene Chloride		35	U	6.8	35
Acetone		250	J	88	350
Carbon disulfide		35	U	5.2	35
Trichlorofluoromethane		35	U *	5.6	35
1,1-Dichloroethene		35	U	5.0	35
1,1-Dichloroethane		35	U	3.5	35
trans-1,2-Dichloroethene		35	U	4.9	35
cis-1,2-Dichloroethene		24	J	6.9	35
Chloroform		35	U	5.5	35
2-Butanone		350	U	29	350
1,2-Dichloroethane		35	U	8.7	35
1,1,1-Trichloroethane		35	U	8.8	35
Carbon tetrachloride		35	U	6.4	35
Benzene		35	U	4.2	35
Bromoform		35	U	3.5	35
Styrene		35	U	4.9	35
Ethylbenzene		35	U	8.7	35
Chlorobenzene		30	J	5.8	35
Cyclohexane		35	U	4.4	35
Isopropylbenzene		35	U	7.5	35
2-Hexanone		350	U	19	350
MTBE		35	U	6.6	35
Freon TF		35	U	10	35
Methyl acetate		71	U	12	71
1,4-Dioxane		1800	U	300	1800
Trichloroethene		30	J	6.3	35
Toluene		13	J	3.4	35
trans-1,3-Dichloropropene		35	U	4.3	35
4-Methyl-2-pentanone		350	U	24	350
cis-1,3-Dichloropropene		35	U	3.6	35
1,2-Dichlorobenzene		260		5.8	35
1,3-Dichlorobenzene		200		8.0	35
1,4-Dichlorobenzene		690		5.3	35
1,2,4-Trichlorobenzene		1600		15	35
1,2,3-Trichlorobenzene		300		29	35
1,2-Dichloropropane		35	U	3.1	35
Methylcyclohexane		41		2.8	35
Tetrachloroethene		35	U	6.9	35
Xylenes, Total		130		15	110
1,2-Dibromo-3-Chloropropane		35	U	5.4	35
1,1,2,2-Tetrachloroethane		35	U	3.1	35
1,1,2-Trichloroethane		35	U	3.4	35

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-2-VD-E (3.5-4.0)**

Lab Sample ID: 460-24280-14 Date Sampled: 03/17/2011 1119
Client Matrix: Solid % Moisture: 4.1 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68934	Instrument ID:	VOAMS13
Prep Method:	5035	Prep Batch:	460-67884	Lab File ID:	p45590.d
Dilution:	50			Initial Weight/Volume:	7.36 g
Analysis Date:	03/30/2011 1711			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0012				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		35	U	3.6	35
1,2-Dibromoethane		35	U	3.2	35
Dichlorodifluoromethane		35	U	10	35
Bromochloromethane		35	U	6.1	35
Bromodichloromethane		35	U	3.2	35

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	68		57 - 135
Toluene-d8 (Surr)	67		46 - 130
Bromofluorobenzene	85		50 - 124

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-2-VD-E (3.5-4.0)**

Lab Sample ID: 460-24280-14 Date Sampled: 03/17/2011 1119
Client Matrix: Solid % Moisture: 4.1 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68934	Instrument ID:	VOAMS13
Prep Method:	5035	Prep Batch:	460-67884	Lab File ID:	p45590.d
Dilution:	50			Initial Weight/Volume:	7.36 g
Analysis Date:	03/30/2011 1711			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0012				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Trimethylbenzene isomer	8.36	570	J
	Ethyldimethylbenzene isomer	8.55	690	J
	Ethyldimethylbenzene isomer-1	8.76	520	J
	C10H14 Aromatic	8.81	550	J
	Tetramethylbenzene isomer	9.14	610	J
	2,3-dihydro-methyl-1H-Indene isomer	9.40	940	J
	C10H14 Aromatic-1	9.42	720	J
	Coeluting Aromatics-2	9.66	690	J
	2,3-dihydro-dimethyl-1H-Indene isomer-1	9.71	400	J
	Tetrahydromethylnaphthalene isomer	10.17	850	J

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-2WT-E (8.0-8.5)**

Lab Sample ID: 460-24280-15 Date Sampled: 03/17/2011 1125
Client Matrix: Solid % Moisture: 3.6 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68934	Instrument ID:	VOAMS13
Prep Method:	5035	Prep Batch:	460-67884	Lab File ID:	p45591.d
Dilution:	50			Initial Weight/Volume:	5.85 g
Analysis Date:	03/30/2011 1736			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0012				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		44	U	9.3	44
Bromomethane		44	U	14	44
Vinyl chloride		44	U	5.3	44
Chloroethane		44	U	20	44
Methylene Chloride		44	U	8.5	44
Acetone		310	J	110	440
Carbon disulfide		44	U	6.5	44
Trichlorofluoromethane		44	U *	7.0	44
1,1-Dichloroethene		44	U	6.2	44
1,1-Dichloroethane		44	U	4.4	44
trans-1,2-Dichloroethene		44	U	6.1	44
cis-1,2-Dichloroethene		30	J	8.6	44
Chloroform		44	U	6.9	44
2-Butanone		440	U	36	440
1,2-Dichloroethane		44	U	11	44
1,1,1-Trichloroethane		44	U	11	44
Carbon tetrachloride		44	U	8.0	44
Benzene		44	U	5.3	44
Bromoform		44	U	4.4	44
Styrene		44	U	6.2	44
Ethylbenzene		130		11	44
Chlorobenzene		97		7.3	44
Cyclohexane		44	U	5.5	44
Isopropylbenzene		23	J	9.4	44
2-Hexanone		440	U	24	440
MTBE		44	U	8.2	44
Freon TF		44	U	13	44
Methyl acetate		89	U	15	89
1,4-Dioxane		2200	U	380	2200
Trichloroethene		15	J	7.9	44
Toluene		59		4.2	44
trans-1,3-Dichloropropene		44	U	5.4	44
4-Methyl-2-pentanone		440	U	30	440
cis-1,3-Dichloropropene		44	U	4.5	44
1,2-Dichlorobenzene		4600		7.2	44
1,3-Dichlorobenzene		2100		10	44
1,4-Dichlorobenzene		7800		6.7	44
1,2,4-Trichlorobenzene		1200		19	44
1,2,3-Trichlorobenzene		2000		37	44
1,2-Dichloropropane		44	U	3.9	44
Methylcyclohexane		110		3.6	44
Tetrachloroethene		44	U	8.7	44
Xylenes, Total		1600		19	130
1,2-Dibromo-3-Chloropropane		44	U	6.8	44
1,1,2,2-Tetrachloroethane		44	U	3.8	44
1,1,2-Trichloroethane		44	U	4.3	44

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-2WT-E (8.0-8.5)**

Lab Sample ID: 460-24280-15 Date Sampled: 03/17/2011 1125
Client Matrix: Solid % Moisture: 3.6 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68934	Instrument ID:	VOAMS13
Prep Method:	5035	Prep Batch:	460-67884	Lab File ID:	p45591.d
Dilution:	50			Initial Weight/Volume:	5.85 g
Analysis Date:	03/30/2011 1736			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0012				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		44	U	4.5	44
1,2-Dibromoethane		44	U	4.0	44
Dichlorodifluoromethane		44	U	13	44
Bromochloromethane		44	U	7.7	44
Bromodichloromethane		44	U	4.0	44

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	65		57 - 135
Toluene-d8 (Surr)	66		46 - 130
Bromofluorobenzene	80		50 - 124

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-2WT-E (8.0-8.5)**

Lab Sample ID: 460-24280-15 Date Sampled: 03/17/2011 1125
Client Matrix: Solid % Moisture: 3.6 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68934	Instrument ID:	VOAMS13
Prep Method:	5035	Prep Batch:	460-67884	Lab File ID:	p45591.d
Dilution:	50			Initial Weight/Volume:	5.85 g
Analysis Date:	03/30/2011 1736			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0012				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
108-67-8	1,3,5-Trimethylbenzene	7.73	1700	
95-63-6	1,2,4-Trimethylbenzene	8.03	4600	
	C10H12 Aromatic-1	9.40	1600	J
	Tetramethylbenzene isomer-1	9.42	1500	J
	Unknown	9.47	1100	J
	C11H14 Aromatic-2/C11H16 Aromatic	9.66	1200	J
91-20-3	Naphthalene	9.90	6700	
	2,3-dihydro-dimethyl-1H-Indene isomer	10.17	1600	J
91-57-6	Naphthalene, 2-methyl-	10.63	2200	J N
90-12-0	Naphthalene, 1-methyl-	10.73	1200	J N

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-2-SI-E (10.5-11.0)**

Lab Sample ID: 460-24280-16 Date Sampled: 03/17/2011 1130
Client Matrix: Solid % Moisture: 12.8 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-69082	Instrument ID:	VOAMS13
Prep Method:	5035	Prep Batch:	460-67884	Lab File ID:	p45634.d
Dilution:	200			Initial Weight/Volume:	18.93 g
Analysis Date:	03/31/2011 1513			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0013				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		61	U	13	61
Bromomethane		61	U	19	61
Vinyl chloride		61	U	7.3	61
Chloroethane		61	U	27	61
Methylene Chloride		61	U	12	61
Acetone		330	J	150	610
Carbon disulfide		61	U	8.8	61
Trichlorofluoromethane		61	U	9.5	61
1,1-Dichloroethene		61	U	8.5	61
1,1-Dichloroethane		61	U	6.1	61
trans-1,2-Dichloroethene		61	U	8.3	61
cis-1,2-Dichloroethene		38	J	12	61
Chloroform		61	U	9.4	61
2-Butanone		610	U	50	610
1,2-Dichloroethane		61	U	15	61
1,1,1-Trichloroethane		61	U	15	61
Carbon tetrachloride		61	U	11	61
Benzene		61	U	7.2	61
Bromoform		61	U	6.0	61
Styrene		61	U	8.4	61
Ethylbenzene		770		15	61
Chlorobenzene		83		10	61
Cyclohexane		61	U	7.5	61
Isopropylbenzene		330		13	61
2-Hexanone		610	U	33	610
MTBE		61	U	11	61
Freon TF		61	U	17	61
Methyl acetate		120	U	20	120
1,4-Dioxane		3000	U	510	3000
Trichloroethene		61	U	11	61
Toluene		470		5.7	61
trans-1,3-Dichloropropene		61	U	7.4	61
4-Methyl-2-pentanone		610	U	41	610
cis-1,3-Dichloropropene		61	U	6.2	61
1,2-Dichlorobenzene		570		9.9	61
1,3-Dichlorobenzene		280		14	61
1,4-Dichlorobenzene		1100		9.1	61
1,2,4-Trichlorobenzene		3100		26	61
1,2,3-Trichlorobenzene		1500		50	61
1,2-Dichloropropane		61	U	5.3	61
Methylcyclohexane		51	J	4.9	61
Tetrachloroethene		61	U	12	61
Xylenes, Total		3200		26	180
1,2-Dibromo-3-Chloropropane		61	U	9.3	61
1,1,2,2-Tetrachloroethane		61	U	5.2	61
1,1,2-Trichloroethane		61	U	5.9	61

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-2-SI-E (10.5-11.0)**

Lab Sample ID: 460-24280-16 Date Sampled: 03/17/2011 1130
Client Matrix: Solid % Moisture: 12.8 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-69082	Instrument ID:	VOAMS13
Prep Method:	5035	Prep Batch:	460-67884	Lab File ID:	p45634.d
Dilution:	200			Initial Weight/Volume:	18.93 g
Analysis Date:	03/31/2011 1513			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0013				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		61	U	6.1	61
1,2-Dibromoethane		61	U	5.5	61
Dichlorodifluoromethane		61	U	17	61
Bromochloromethane		61	U *	10	61
Bromodichloromethane		61	U	5.4	61

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		57 - 135
Toluene-d8 (Surr)	81		46 - 130
Bromofluorobenzene	105		50 - 124

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-2-SI-E (10.5-11.0)**

Lab Sample ID: 460-24280-16 Date Sampled: 03/17/2011 1130
Client Matrix: Solid % Moisture: 12.8 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-69082	Instrument ID:	VOAMS13
Prep Method:	5035	Prep Batch:	460-67884	Lab File ID:	p45634.d
Dilution:	200			Initial Weight/Volume:	18.93 g
Analysis Date:	03/31/2011 1513			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0013				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
95-63-6	1,2,4-Trimethylbenzene	8.03	3600	
95-13-6	Indene	8.68	4100	J N
	C10H12 Aromatic-1	9.40	2500	J
	Tetramethylbenzene isomer-1	9.42	2200	J
91-20-3	Naphthalene	9.90	15000	
	2,3-dihydro-dimethyl-1H-Indene isomer-1	10.17	2600	J
91-57-6	Naphthalene, 2-methyl-	10.63	7700	J N
90-12-0	Naphthalene, 1-methyl-	10.73	3600	J N
	Dimethylnaphthalene isomer	11.28	2400	J
	Dimethylnaphthalene isomer-1	11.36	3500	J

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-5-VD-E (3.5-4)**

Lab Sample ID: 460-24280-17 Date Sampled: 03/17/2011 1155
Client Matrix: Solid % Moisture: 3.4 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67886	Lab File ID:	o46706.d
Dilution:	1.0			Initial Weight/Volume:	4.74 g
Analysis Date:	03/28/2011 2159			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0057				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		1.1	U	0.69	1.1
Bromomethane		1.1	U	0.45	1.1
Vinyl chloride		1.1	U	0.26	1.1
Chloroethane		1.1	U	0.44	1.1
Methylene Chloride		1.1	U	0.51	1.1
Acetone		23	B	4.0	11
Carbon disulfide		1.1	U	0.51	1.1
Trichlorofluoromethane		1.1	U	0.28	1.1
1,1-Dichloroethene		1.1	U	0.40	1.1
1,1-Dichloroethane		1.1	U	0.28	1.1
trans-1,2-Dichloroethene		1.1	U	0.31	1.1
cis-1,2-Dichloroethene		0.56	J	0.26	1.1
Chloroform		1.1	U	0.26	1.1
2-Butanone		11	U	0.62	11
1,2-Dichloroethane		1.1	U	0.43	1.1
1,1,1-Trichloroethane		1.1	U	0.20	1.1
Carbon tetrachloride		1.1	U	0.11	1.1
Benzene		1.1	U	0.81	1.1
Bromoform		1.1	U	0.77	1.1
Styrene		1.1	U	0.38	1.1
Ethylbenzene		1.1	U	0.21	1.1
Chlorobenzene		1.1	U	0.53	1.1
Cyclohexane		1.1	U	0.24	1.1
Isopropylbenzene		1.1	U	0.28	1.1
2-Hexanone		11	U	1.8	11
MTBE		1.1	U	0.38	1.1
Freon TF		1.1	U	0.52	1.1
Methyl acetate		1.1	U	0.98	1.1
1,4-Dioxane		55	U	4.5	55
Trichloroethene		1.1	U	0.40	1.1
Toluene		0.38	J	0.33	1.1
trans-1,3-Dichloropropene		1.1	U	0.24	1.1
4-Methyl-2-pentanone		11	U	0.78	11
cis-1,3-Dichloropropene		1.1	U	0.22	1.1
1,2-Dichlorobenzene		1.1	U	0.70	1.1
1,3-Dichlorobenzene		1.1	U	0.53	1.1
1,4-Dichlorobenzene		1.1	U	0.78	1.1
1,2,4-Trichlorobenzene		1.1	U	0.58	1.1
1,2,3-Trichlorobenzene		1.1	U	0.71	1.1
1,2-Dichloropropane		1.1	U	0.35	1.1
Methylcyclohexane		1.1	U	0.30	1.1
Tetrachloroethene		1.1	U	0.36	1.1
Xylenes, Total		3.3	U	0.86	3.3
1,2-Dibromo-3-Chloropropane		1.1	U	0.67	1.1
1,1,2,2-Tetrachloroethane		1.1	U	0.83	1.1
1,1,2-Trichloroethane		1.1	U	0.65	1.1

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-5-VD-E (3.5-4)**

Lab Sample ID: 460-24280-17 Date Sampled: 03/17/2011 1155
Client Matrix: Solid % Moisture: 3.4 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67886	Lab File ID:	o46706.d
Dilution:	1.0			Initial Weight/Volume:	4.74 g
Analysis Date:	03/28/2011 2159			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0057				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		1.1	U	0.61	1.1
1,2-Dibromoethane		1.1	U	0.57	1.1
Dichlorodifluoromethane		1.1	U	0.44	1.1
Bromochloromethane		1.1	U	0.30	1.1
Bromodichloromethane		1.1	U	0.33	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95		70 - 138
Toluene-d8 (Surr)	90		66 - 126
Bromofluorobenzene	93		72 - 132

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-5-VD-E (3.5-4)**

Lab Sample ID: 460-24280-17 Date Sampled: 03/17/2011 1155
Client Matrix: Solid % Moisture: 3.4 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Prep Method:	5035	Prep Batch:	460-67886	Lab File ID:	o46706.d
Dilution:	1.0			Initial Weight/Volume:	4.74 g
Analysis Date:	03/28/2011 2159			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0057				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
287-92-3	Cyclopentane	2.13	22	J N
71-36-3	n-Butanol	4.40	300	J

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-5-WT-E (8-8.5)**

Lab Sample ID: 460-24280-18 Date Sampled: 03/17/2011 1200
Client Matrix: Solid % Moisture: 5.6 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-69082	Instrument ID:	VOAMS13
Prep Method:	5035	Prep Batch:	460-67884	Lab File ID:	p45633.d
Dilution:	100			Initial Weight/Volume:	5.43 g
Analysis Date:	03/31/2011 1448			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0014				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		98	U	21	98
Bromomethane		98	U	31	98
Vinyl chloride		98	U	12	98
Chloroethane		98	U	43	98
Methylene Chloride		98	U	19	98
Acetone		750	J	240	980
Carbon disulfide		98	U	14	98
Trichlorofluoromethane		98	U	15	98
1,1-Dichloroethene		98	U	14	98
1,1-Dichloroethane		98	U	9.8	98
trans-1,2-Dichloroethene		98	U	13	98
cis-1,2-Dichloroethene		98	U	19	98
Chloroform		98	U	15	98
2-Butanone		980	U	80	980
1,2-Dichloroethane		98	U	24	98
1,1,1-Trichloroethane		98	U	24	98
Carbon tetrachloride		98	U	18	98
Benzene		98	U	12	98
Bromoform		98	U	9.7	98
Styrene		98	U	14	98
Ethylbenzene		570		24	98
Chlorobenzene		58	J	16	98
Cyclohexane		98	U	12	98
Isopropylbenzene		360		21	98
2-Hexanone		980	U	53	980
MTBE		98	U	18	98
Freon TF		98	U	28	98
Methyl acetate		200	U	32	200
1,4-Dioxane		4900	U	830	4900
Trichloroethene		22	J	17	98
Toluene		200		9.2	98
trans-1,3-Dichloropropene		98	U	12	98
4-Methyl-2-pentanone		980	U	67	980
cis-1,3-Dichloropropene		98	U	10	98
1,2-Dichlorobenzene		830		16	98
1,3-Dichlorobenzene		460		22	98
1,4-Dichlorobenzene		2300		15	98
1,2,4-Trichlorobenzene		1500		43	98
1,2,3-Trichlorobenzene		1600		81	98
1,2-Dichloropropane		98	U	8.5	98
Methylcyclohexane		150		7.8	98
Tetrachloroethene		98	U	19	98
Xylenes, Total		1600		42	290
1,2-Dibromo-3-Chloropropane		98	U	15	98
1,1,2,2-Tetrachloroethane		98	U	8.4	98
1,1,2-Trichloroethane		98	U	9.5	98

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-5-WT-E (8-8.5)**

Lab Sample ID: 460-24280-18 Date Sampled: 03/17/2011 1200
Client Matrix: Solid % Moisture: 5.6 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-69082	Instrument ID:	VOAMS13
Prep Method:	5035	Prep Batch:	460-67884	Lab File ID:	p45633.d
Dilution:	100			Initial Weight/Volume:	5.43 g
Analysis Date:	03/31/2011 1448			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0014				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		98	U	9.8	98
1,2-Dibromoethane		98	U	8.9	98
Dichlorodifluoromethane		98	U	28	98
Bromochloromethane		98	U *	17	98
Bromodichloromethane		98	U	8.7	98

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	67		57 - 135
Toluene-d8 (Surr)	68		46 - 130
Bromofluorobenzene	83		50 - 124

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-5-WT-E (8-8.5)**

Lab Sample ID: 460-24280-18 Date Sampled: 03/17/2011 1200
Client Matrix: Solid % Moisture: 5.6 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-69082	Instrument ID:	VOAMS13
Prep Method:	5035	Prep Batch:	460-67884	Lab File ID:	p45633.d
Dilution:	100			Initial Weight/Volume:	5.43 g
Analysis Date:	03/31/2011 1448			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0014				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
95-63-6	1,2,4-Trimethylbenzene	8.03	7600	
	Ethyldimethylbenzene isomer	8.55	4200	J
	C10H14 Aromatic	8.76	3700	J
	2,3-dihydro-methyl-1H-Indene isomer	9.40	4500	J
	Unknown Aromatic-2	9.42	5400	J
	C11H14 Aromatic	9.66	3900	J
	2,3-dihydro-dimethyl-1H-Indene isomer-1	10.17	6000	J
	Tetrahydrodimethylnaphthalene isomer	10.51	3600	J
91-57-6	Naphthalene, 2-methyl-	10.63	12000	J N
90-12-0	Naphthalene, 1-methyl-	10.73	6300	J N

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-5SI-E (10.5-11)**

Lab Sample ID: 460-24280-19 Date Sampled: 03/17/2011 1205
Client Matrix: Solid % Moisture: 14.0 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68934	Instrument ID:	VOAMS13
Prep Method:	5035	Prep Batch:	460-67884	Lab File ID:	p45592.d
Dilution:	100			Initial Weight/Volume:	5.86 g
Analysis Date:	03/30/2011 1802			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0014				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Chloromethane		99	U	21	99
Bromomethane		99	U	31	99
Vinyl chloride		99	U	12	99
Chloroethane		99	U	44	99
Methylene Chloride		99	U	19	99
Acetone		810	J	250	990
Carbon disulfide		120		14	99
Trichlorofluoromethane		99	U *	16	99
1,1-Dichloroethene		99	U	14	99
1,1-Dichloroethane		99	U	9.9	99
trans-1,2-Dichloroethene		99	U	14	99
cis-1,2-Dichloroethene		99	U	19	99
Chloroform		99	U	15	99
2-Butanone		990	U	81	990
1,2-Dichloroethane		99	U	24	99
1,1,1-Trichloroethane		99	U	25	99
Carbon tetrachloride		99	U	18	99
Benzene		99	U	12	99
Bromoform		99	U	9.8	99
Styrene		99	U	14	99
Ethylbenzene		330		24	99
Chlorobenzene		99	U	16	99
Cyclohexane		99	U	12	99
Isopropylbenzene		190		21	99
2-Hexanone		990	U	54	990
MTBE		99	U	18	99
Freon TF		99	U	29	99
Methyl acetate		200	U	33	200
1,4-Dioxane		5000	U	840	5000
Trichloroethene		290		18	99
Toluene		160		9.4	99
trans-1,3-Dichloropropene		99	U	12	99
4-Methyl-2-pentanone		990	U	68	990
cis-1,3-Dichloropropene		99	U	10	99
1,2-Dichlorobenzene		490		16	99
1,3-Dichlorobenzene		270		22	99
1,4-Dichlorobenzene		1200		15	99
1,2,4-Trichlorobenzene		640		43	99
1,2,3-Trichlorobenzene		970		82	99
1,2-Dichloropropane		99	U	8.7	99
Methylcyclohexane		99		7.9	99
Tetrachloroethene		20	J	19	99
Xylenes, Total		1000		43	300
1,2-Dibromo-3-Chloropropane		99	U	15	99
1,1,2,2-Tetrachloroethane		99	U	8.6	99
1,1,2-Trichloroethane		99	U	9.7	99

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-5SI-E (10.5-11)**

Lab Sample ID: 460-24280-19 Date Sampled: 03/17/2011 1205
Client Matrix: Solid % Moisture: 14.0 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68934	Instrument ID:	VOAMS13
Prep Method:	5035	Prep Batch:	460-67884	Lab File ID:	p45592.d
Dilution:	100			Initial Weight/Volume:	5.86 g
Analysis Date:	03/30/2011 1802			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0014				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibromochloromethane		99	U	10	99
1,2-Dibromoethane		99	U	9.1	99
Dichlorodifluoromethane		99	U	28	99
Bromochloromethane		99	U	17	99
Bromodichloromethane		99	U	8.9	99

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	62		57 - 135
Toluene-d8 (Surr)	68		46 - 130
Bromofluorobenzene	80		50 - 124

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-5SI-E (10.5-11)**

Lab Sample ID: 460-24280-19 Date Sampled: 03/17/2011 1205
Client Matrix: Solid % Moisture: 14.0 Date Received: 03/18/2011 1645

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-68934	Instrument ID:	VOAMS13
Prep Method:	5035	Prep Batch:	460-67884	Lab File ID:	p45592.d
Dilution:	100			Initial Weight/Volume:	5.86 g
Analysis Date:	03/30/2011 1802			Final Weight/Volume:	5 mL
Prep Date:	03/19/2011 0014				

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

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
95-63-6	1,2,4-Trimethylbenzene	8.03	3800	
	Ethyldimethylbenzene isomer	8.55	3100	J
	2,3-dihydro-methyl-1H-Indene isomer	9.40	3600	J
	Tetramethylbenzene isomer-1	9.42	3000	J
	C11H14 Aromatic/C11H16 Aromatic	9.66	3200	J
91-20-3	Naphthalene	9.90	3600	
	2,3-dihydro-dimethyl-1H-Indene isomer-1	10.17	4300	J
91-57-6	Naphthalene, 2-methyl-	10.63	7900	J N
90-12-0	Naphthalene, 1-methyl-	10.73	4800	J N
	Dimethylnaphthalene isomer-1	11.36	4200	J

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-25-VS-E (1-3)**

Lab Sample ID: 460-24280-1 Date Sampled: 03/17/2011 0904
Client Matrix: Solid % Moisture: 6.9 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10193.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	04/02/2011 0632			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		350	U	43	350
2-Chlorophenol		350	U	47	350
2-Methylphenol		350	U	51	350
4-Methylphenol		350	U	58	350
Benzaldehyde		350	U	22	350
Acetophenone		350	U	53	350
Bis(2-chloroethyl)ether		35	U	7.4	35
2,2'-oxybis[1-chloropropane]		350	U	47	350
N-Nitrosodi-n-propylamine		35	U	4.7	35
Nitrobenzene		35	U	7.9	35
Hexachloroethane		35	U	6.0	35
Isophorone		350	U	41	350
2-Nitrophenol		350	U	58	350
2,4-Dimethylphenol		350	U	57	350
2,4-Dichlorophenol		350	U	57	350
Bis(2-chloroethoxy)methane		350	U	51	350
Naphthalene		350	U	52	350
4-Chloroaniline		350	U	45	350
Hexachlorobutadiene		72	U	14	72
Caprolactam		350	U	49	350
4-Chloro-3-methylphenol		350	U	59	350
2-Methylnaphthalene		350	U	52	350
Hexachlorobenzene		35	U	4.9	35
Hexachlorocyclopentadiene		350	U	100	350
2,4,6-Trichlorophenol		350	U	63	350
2,4,5-Trichlorophenol		350	U	68	350
Diphenyl		350	U	58	350
2-Chloronaphthalene		350	U	50	350
2-Nitroaniline		720	U	97	720
2,6-Dinitrotoluene		72	U	9.0	72
Dimethyl phthalate		350	U	48	350
Acenaphthylene		350	U	51	350
3-Nitroaniline		720	U	80	720
Acenaphthene		350	U	50	350
4-Nitrophenol		1100	U	91	1100
2,4-Dinitrophenol		1100	U	75	1100
Dibenzofuran		350	U	53	350
Diethyl phthalate		350	U	48	350
Fluorene		350	U	60	350
Fluoranthene		350	U	59	350
Di-n-butyl phthalate		350	U	54	350
2,4-Dinitrotoluene		72	U	10	72
4-Chlorophenyl phenyl ether		350	U	61	350
4-Nitroaniline		720	U	73	720
4,6-Dinitro-2-methylphenol		1100	U	170	1100
4-Bromophenyl phenyl ether		350	U	63	350

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-25-VS-E (1-3)**

Lab Sample ID: 460-24280-1 Date Sampled: 03/17/2011 0904
Client Matrix: Solid % Moisture: 6.9 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10193.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	04/02/2011 0632			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		350	U	66	350
Anthracene		350	U	63	350
Carbazole		350	U	56	350
Phenanthrene		350	U	62	350
Pentachlorophenol		1100	U	170	1100
Pyrene		350	U	61	350
Chrysene		350	U	52	350
Benzo[k]fluoranthene		35	U	5.0	35
Benzo[g,h,i]perylene		350	U	37	350
Benzo[b]fluoranthene		35	U	5.3	35
Benzo[a]pyrene		35	U	4.4	35
Benzo[a]anthracene		35	U	6.6	35
N-Nitrosodiphenylamine		350	U	58	350
Butyl benzyl phthalate		350	U	41	350
Bis(2-ethylhexyl) phthalate		350	U	47	350
Di-n-octyl phthalate		350	U	42	350
Indeno[1,2,3-cd]pyrene		35	U	5.7	35
Dibenz(a,h)anthracene		35	U	4.3	35
3,3'-Dichlorobenzidine		720	U	78	720
1,2,4,5-Tetrachlorobenzene		350	U	48	350
2,3,4,6-Tetrachlorophenol		350	U	71	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	85		38 - 105
Phenol-d5	75		41 - 118
Terphenyl-d14	90		16 - 151
2,4,6-Tribromophenol	79		10 - 120
2-Fluorophenol	78		37 - 125
2-Fluorobiphenyl	85		40 - 109

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-25-VS-E (1-3)**

Lab Sample ID: 460-24280-1 Date Sampled: 03/17/2011 0904
Client Matrix: Solid % Moisture: 6.9 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10193.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	04/02/2011 0632			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			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: 460-24280-1

Client Sample ID: **PMP-25-VD-E (3-5)**

Lab Sample ID: 460-24280-2 Date Sampled: 03/17/2011 0909
Client Matrix: Solid % Moisture: 4.8 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10194.d
Dilution:	1.0			Initial Weight/Volume:	14.96 g
Analysis Date:	04/02/2011 0659			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		350	U	43	350
2-Chlorophenol		350	U	47	350
2-Methylphenol		350	U	50	350
4-Methylphenol		350	U	57	350
Benzaldehyde		350	U	22	350
Acetophenone		350	U	52	350
Bis(2-chloroethyl)ether		35	U	7.3	35
2,2'-oxybis[1-chloropropane]		350	U	46	350
N-Nitrosodi-n-propylamine		35	U	4.6	35
Nitrobenzene		35	U	7.8	35
Hexachloroethane		35	U	5.9	35
Isophorone		350	U	40	350
2-Nitrophenol		350	U	57	350
2,4-Dimethylphenol		350	U	56	350
2,4-Dichlorophenol		350	U	56	350
Bis(2-chloroethoxy)methane		350	U	50	350
Naphthalene		350	U	51	350
4-Chloroaniline		350	U	44	350
Hexachlorobutadiene		71	U	14	71
Caprolactam		350	U	48	350
4-Chloro-3-methylphenol		350	U	58	350
2-Methylnaphthalene		350	U	51	350
Hexachlorobenzene		35	U	4.8	35
Hexachlorocyclopentadiene		350	U	100	350
2,4,6-Trichlorophenol		350	U	62	350
2,4,5-Trichlorophenol		350	U	67	350
Diphenyl		350	U	57	350
2-Chloronaphthalene		350	U	49	350
2-Nitroaniline		710	U	95	710
2,6-Dinitrotoluene		71	U	8.9	71
Dimethyl phthalate		350	U	47	350
Acenaphthylene		350	U	50	350
3-Nitroaniline		710	U	79	710
Acenaphthene		350	U	50	350
4-Nitrophenol		1100	U	90	1100
2,4-Dinitrophenol		1100	U	74	1100
Dibenzofuran		350	U	52	350
Diethyl phthalate		350	U	47	350
Fluorene		350	U	59	350
Fluoranthene		350	U	58	350
Di-n-butyl phthalate		350	U	53	350
2,4-Dinitrotoluene		71	U	10	71
4-Chlorophenyl phenyl ether		350	U	60	350
4-Nitroaniline		710	U	72	710
4,6-Dinitro-2-methylphenol		1100	U	170	1100
4-Bromophenyl phenyl ether		350	U	62	350

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-25-VD-E (3-5)**

Lab Sample ID: 460-24280-2 Date Sampled: 03/17/2011 0909
Client Matrix: Solid % Moisture: 4.8 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10194.d
Dilution:	1.0			Initial Weight/Volume:	14.96 g
Analysis Date:	04/02/2011 0659			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		350	U	65	350
Anthracene		350	U	62	350
Carbazole		350	U	55	350
Phenanthrene		350	U	61	350
Pentachlorophenol		1100	U	170	1100
Pyrene		350	U	60	350
Chrysene		350	U	51	350
Benzo[k]fluoranthene		35	U	4.9	35
Benzo[g,h,i]perylene		350	U	37	350
Benzo[b]fluoranthene		35	U	5.2	35
Benzo[a]pyrene		35	U	4.3	35
Benzo[a]anthracene		35	U	6.4	35
N-Nitrosodiphenylamine		350	U	57	350
Butyl benzyl phthalate		350	U	41	350
Bis(2-ethylhexyl) phthalate		350	U	46	350
Di-n-octyl phthalate		350	U	41	350
Indeno[1,2,3-cd]pyrene		35	U	5.6	35
Dibenz(a,h)anthracene		35	U	4.2	35
3,3'-Dichlorobenzidine		710	U	77	710
1,2,4,5-Tetrachlorobenzene		350	U	47	350
2,3,4,6-Tetrachlorophenol		350	U	70	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	82		38 - 105
Phenol-d5	77		41 - 118
Terphenyl-d14	80		16 - 151
2,4,6-Tribromophenol	73		10 - 120
2-Fluorophenol	78		37 - 125
2-Fluorobiphenyl	82		40 - 109

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-25-VD-E (3-5)**

Lab Sample ID: 460-24280-2 Date Sampled: 03/17/2011 0909
Client Matrix: Solid % Moisture: 4.8 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10194.d
Dilution:	1.0			Initial Weight/Volume:	14.96 g
Analysis Date:	04/02/2011 0659			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			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: 460-24280-1

Client Sample ID: **PMP-25-WT-E (7.5-9.5)**

Lab Sample ID: 460-24280-3 Date Sampled: 03/17/2011 0915
Client Matrix: Solid % Moisture: 15.4 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10195.d
Dilution:	1.0			Initial Weight/Volume:	14.97 g
Analysis Date:	04/02/2011 0727			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		390	U	48	390
2-Chlorophenol		390	U	52	390
2-Methylphenol		390	U	56	390
4-Methylphenol		390	U	64	390
Benzaldehyde		390	U	25	390
Acetophenone		390	U	58	390
Bis(2-chloroethyl)ether		39	U	8.2	39
2,2'-oxybis[1-chloropropane]		390	U	51	390
N-Nitrosodi-n-propylamine		39	U	5.2	39
Nitrobenzene		39	U	8.8	39
Hexachloroethane		39	U	6.6	39
Isophorone		390	U	45	390
2-Nitrophenol		390	U	64	390
2,4-Dimethylphenol		390	U	63	390
2,4-Dichlorophenol		390	U	63	390
Bis(2-chloroethoxy)methane		390	U	56	390
Naphthalene		390	U	57	390
4-Chloroaniline		390	U	49	390
Hexachlorobutadiene		79	U	16	79
Caprolactam		390	U	54	390
4-Chloro-3-methylphenol		390	U	66	390
2-Methylnaphthalene		390	U	57	390
Hexachlorobenzene		39	U	5.4	39
Hexachlorocyclopentadiene		390	U	110	390
2,4,6-Trichlorophenol		390	U	70	390
2,4,5-Trichlorophenol		390	U	75	390
Diphenyl		390	U	65	390
2-Chloronaphthalene		390	U	55	390
2-Nitroaniline		790	U	110	790
2,6-Dinitrotoluene		79	U	10	79
Dimethyl phthalate		390	U	53	390
Acenaphthylene		390	U	56	390
3-Nitroaniline		790	U	89	790
Acenaphthene		390	U	56	390
4-Nitrophenol		1200	U	100	1200
2,4-Dinitrophenol		1200	U	83	1200
Dibenzofuran		390	U	59	390
Diethyl phthalate		390	U	53	390
Fluorene		390	U	66	390
Fluoranthene		390	U	65	390
Di-n-butyl phthalate		390	U	60	390
2,4-Dinitrotoluene		79	U	11	79
4-Chlorophenyl phenyl ether		390	U	67	390
4-Nitroaniline		790	U	81	790
4,6-Dinitro-2-methylphenol		1200	U	190	1200
4-Bromophenyl phenyl ether		390	U	70	390

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-25-WT-E (7.5-9.5)**

Lab Sample ID: 460-24280-3 Date Sampled: 03/17/2011 0915
Client Matrix: Solid % Moisture: 15.4 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10195.d
Dilution:	1.0			Initial Weight/Volume:	14.97 g
Analysis Date:	04/02/2011 0727			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		390	U	73	390
Anthracene		390	U	69	390
Carbazole		390	U	62	390
Phenanthrene		390	U	68	390
Pentachlorophenol		1200	U	190	1200
Pyrene		390	U	68	390
Chrysene		390	U	57	390
Benzo[k]fluoranthene		39	U	5.5	39
Benzo[g,h,i]perylene		390	U	41	390
Benzo[b]fluoranthene		39	U	5.8	39
Benzo[a]pyrene		39	U	4.8	39
Benzo[a]anthracene		39	U	7.2	39
N-Nitrosodiphenylamine		390	U	64	390
Butyl benzyl phthalate		390	U	46	390
Bis(2-ethylhexyl) phthalate		390	U	52	390
Di-n-octyl phthalate		390	U	47	390
Indeno[1,2,3-cd]pyrene		39	U	6.3	39
Dibenz(a,h)anthracene		39	U	4.7	39
3,3'-Dichlorobenzidine		790	U	87	790
1,2,4,5-Tetrachlorobenzene		390	U	53	390
2,3,4,6-Tetrachlorophenol		390	U	78	390

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	78		38 - 105
Phenol-d5	69		41 - 118
Terphenyl-d14	78		16 - 151
2,4,6-Tribromophenol	67		10 - 120
2-Fluorophenol	74		37 - 125
2-Fluorobiphenyl	77		40 - 109

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-25-WT-E (7.5-9.5)**

Lab Sample ID: 460-24280-3 Date Sampled: 03/17/2011 0915
Client Matrix: Solid % Moisture: 15.4 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10195.d
Dilution:	1.0			Initial Weight/Volume:	14.97 g
Analysis Date:	04/02/2011 0727			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			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: 460-24280-1

Client Sample ID: **PMP-21-VD-E (3.5-4)**

Lab Sample ID: 460-24280-4 Date Sampled: 03/17/2011 0920
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10196.d
Dilution:	1.0			Initial Weight/Volume:	14.95 g
Analysis Date:	04/02/2011 0754			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		350	U	43	350
2-Chlorophenol		350	U	47	350
2-Methylphenol		350	U	51	350
4-Methylphenol		350	U	58	350
Benzaldehyde		350	U	22	350
Acetophenone		350	U	52	350
Bis(2-chloroethyl)ether		35	U	7.3	35
2,2'-oxybis[1-chloropropane]		350	U	46	350
N-Nitrosodi-n-propylamine		35	U	4.7	35
Nitrobenzene		35	U	7.9	35
Hexachloroethane		35	U	6.0	35
Isophorone		350	U	41	350
2-Nitrophenol		350	U	58	350
2,4-Dimethylphenol		350	U	57	350
2,4-Dichlorophenol		350	U	57	350
Bis(2-chloroethoxy)methane		350	U	50	350
Naphthalene		350	U	52	350
4-Chloroaniline		350	U	44	350
Hexachlorobutadiene		71	U	14	71
Caprolactam		350	U	48	350
4-Chloro-3-methylphenol		350	U	59	350
2-Methylnaphthalene		350	U	52	350
Hexachlorobenzene		35	U	4.9	35
Hexachlorocyclopentadiene		350	U	100	350
2,4,6-Trichlorophenol		350	U	63	350
2,4,5-Trichlorophenol		350	U	68	350
Diphenyl		350	U	58	350
2-Chloronaphthalene		350	U	50	350
2-Nitroaniline		710	U	97	710
2,6-Dinitrotoluene		71	U	9.0	71
Dimethyl phthalate		350	U	48	350
Acenaphthylene		350	U	50	350
3-Nitroaniline		710	U	80	710
Acenaphthene		350	U	50	350
4-Nitrophenol		1100	U	91	1100
2,4-Dinitrophenol		1100	U	75	1100
Dibenzofuran		350	U	53	350
Diethyl phthalate		350	U	47	350
Fluorene		350	U	60	350
Fluoranthene		350	U	59	350
Di-n-butyl phthalate		350	U	54	350
2,4-Dinitrotoluene		71	U	10	71
4-Chlorophenyl phenyl ether		350	U	61	350
4-Nitroaniline		710	U	73	710
4,6-Dinitro-2-methylphenol		1100	U	170	1100
4-Bromophenyl phenyl ether		350	U	63	350

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-21-VD-E (3.5-4)**

Lab Sample ID: 460-24280-4 Date Sampled: 03/17/2011 0920
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10196.d
Dilution:	1.0			Initial Weight/Volume:	14.95 g
Analysis Date:	04/02/2011 0754			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		350	U	66	350
Anthracene		350	U	62	350
Carbazole		350	U	56	350
Phenanthrene		350	U	62	350
Pentachlorophenol		1100	U	170	1100
Pyrene		350	U	61	350
Chrysene		350	U	51	350
Benzo[k]fluoranthene		35	U	4.9	35
Benzo[g,h,i]perylene		350	U	37	350
Benzo[b]fluoranthene		35	U	5.2	35
Benzo[a]pyrene		35	U	4.3	35
Benzo[a]anthracene		35	U	6.5	35
N-Nitrosodiphenylamine		350	U	57	350
Butyl benzyl phthalate		350	U	41	350
Bis(2-ethylhexyl) phthalate		350	U	47	350
Di-n-octyl phthalate		350	U	42	350
Indeno[1,2,3-cd]pyrene		35	U	5.6	35
Dibenz(a,h)anthracene		35	U	4.2	35
3,3'-Dichlorobenzidine		710	U	78	710
1,2,4,5-Tetrachlorobenzene		350	U	47	350
2,3,4,6-Tetrachlorophenol		350	U	71	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	73		38 - 105
Phenol-d5	69		41 - 118
Terphenyl-d14	76		16 - 151
2,4,6-Tribromophenol	65		10 - 120
2-Fluorophenol	71		37 - 125
2-Fluorobiphenyl	75		40 - 109

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-21-VD-E (3.5-4)**

Lab Sample ID: 460-24280-4 Date Sampled: 03/17/2011 0920
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10196.d
Dilution:	1.0			Initial Weight/Volume:	14.95 g
Analysis Date:	04/02/2011 0754			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			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: 460-24280-1

Client Sample ID: **PMP-21-WT-E (8-8.5)**

Lab Sample ID: 460-24280-5 Date Sampled: 03/17/2011 0925
Client Matrix: Solid % Moisture: 15.6 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10199.d
Dilution:	1.0			Initial Weight/Volume:	14.95 g
Analysis Date:	04/02/2011 0915			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		390	U	48	390
2-Chlorophenol		390	U	53	390
2-Methylphenol		390	U	57	390
4-Methylphenol		390	U	64	390
Benzaldehyde		390	U	25	390
Acetophenone		390	U	58	390
Bis(2-chloroethyl)ether		39	U	8.2	39
2,2'-oxybis[1-chloropropane]		390	U	52	390
N-Nitrosodi-n-propylamine		39	U	5.2	39
Nitrobenzene		39	U	8.8	39
Hexachloroethane		39	U	6.6	39
Isophorone		390	U	45	390
2-Nitrophenol		390	U	65	390
2,4-Dimethylphenol		390	U	63	390
2,4-Dichlorophenol		390	U	63	390
Bis(2-chloroethoxy)methane		390	U	56	390
Naphthalene		390	U	58	390
4-Chloroaniline		390	U	49	390
Hexachlorobutadiene		80	U	16	80
Caprolactam		390	U	54	390
4-Chloro-3-methylphenol		390	U	66	390
2-Methylnaphthalene		390	U	57	390
Hexachlorobenzene		39	U	5.5	39
Hexachlorocyclopentadiene		390	U	110	390
2,4,6-Trichlorophenol		390	U	70	390
2,4,5-Trichlorophenol		390	U	76	390
Diphenyl		390	U	65	390
2-Chloronaphthalene		390	U	56	390
2-Nitroaniline		800	U	110	800
2,6-Dinitrotoluene		80	U	10	80
Dimethyl phthalate		390	U	53	390
Acenaphthylene		390	U	56	390
3-Nitroaniline		800	U	89	800
Acenaphthene		390	U	56	390
4-Nitrophenol		1200	U	100	1200
2,4-Dinitrophenol		1200	U	83	1200
Dibenzofuran		390	U	59	390
Diethyl phthalate		390	U	53	390
Fluorene		390	U	67	390
Fluoranthene		390	U	65	390
Di-n-butyl phthalate		390	U	60	390
2,4-Dinitrotoluene		80	U	11	80
4-Chlorophenyl phenyl ether		390	U	68	390
4-Nitroaniline		800	U	81	800
4,6-Dinitro-2-methylphenol		1200	U	190	1200
4-Bromophenyl phenyl ether		390	U	70	390

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-21-WT-E (8-8.5)**

Lab Sample ID: 460-24280-5 Date Sampled: 03/17/2011 0925
Client Matrix: Solid % Moisture: 15.6 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10199.d
Dilution:	1.0			Initial Weight/Volume:	14.95 g
Analysis Date:	04/02/2011 0915			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		390	U	73	390
Anthracene		390	U	69	390
Carbazole		390	U	63	390
Phenanthrene		390	U	69	390
Pentachlorophenol		1200	U	190	1200
Pyrene		390	U	68	390
Chrysene		390	U	57	390
Benzo[k]fluoranthene		39	U	5.5	39
Benzo[g,h,i]perylene		390	U	41	390
Benzo[b]fluoranthene		39	U	5.8	39
Benzo[a]pyrene		39	U	4.8	39
Benzo[a]anthracene		39	U	7.3	39
N-Nitrosodiphenylamine		390	U	64	390
Butyl benzyl phthalate		390	U	46	390
Bis(2-ethylhexyl) phthalate		390	U	52	390
Di-n-octyl phthalate		390	U	47	390
Indeno[1,2,3-cd]pyrene		39	U	6.3	39
Dibenz(a,h)anthracene		39	U	4.7	39
3,3'-Dichlorobenzidine		800	U	87	800
1,2,4,5-Tetrachlorobenzene		390	U	53	390
2,3,4,6-Tetrachlorophenol		390	U	79	390

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	79		38 - 105
Phenol-d5	72		41 - 118
Terphenyl-d14	81		16 - 151
2,4,6-Tribromophenol	60		10 - 120
2-Fluorophenol	75		37 - 125
2-Fluorobiphenyl	79		40 - 109

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-21-WT-E (8-8.5)**

Lab Sample ID: 460-24280-5 Date Sampled: 03/17/2011 0925
Client Matrix: Solid % Moisture: 15.6 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10199.d
Dilution:	1.0			Initial Weight/Volume:	14.95 g
Analysis Date:	04/02/2011 0915			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			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: 460-24280-1

Client Sample ID: **PMP-21-SI-E (10.5-11)**

Lab Sample ID: 460-24280-6 Date Sampled: 03/17/2011 0930
Client Matrix: Solid % Moisture: 14.2 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10200.d
Dilution:	1.0			Initial Weight/Volume:	14.99 g
Analysis Date:	04/02/2011 0942			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		390	U	47	390
2-Chlorophenol		390	U	52	390
2-Methylphenol		390	U	56	390
4-Methylphenol		390	U	63	390
Benzaldehyde		390	U	24	390
Acetophenone		390	U	57	390
Bis(2-chloroethyl)ether		39	U	8.0	39
2,2'-oxybis[1-chloropropane]		390	U	51	390
N-Nitrosodi-n-propylamine		39	U	5.1	39
Nitrobenzene		39	U	8.6	39
Hexachloroethane		39	U	6.5	39
Isophorone		390	U	44	390
2-Nitrophenol		390	U	63	390
2,4-Dimethylphenol		390	U	62	390
2,4-Dichlorophenol		390	U	62	390
Bis(2-chloroethoxy)methane		390	U	55	390
Naphthalene		390	U	56	390
4-Chloroaniline		390	U	49	390
Hexachlorobutadiene		78	U	16	78
Caprolactam		390	U	53	390
4-Chloro-3-methylphenol		390	U	65	390
2-Methylnaphthalene		390	U	56	390
Hexachlorobenzene		39	U	5.4	39
Hexachlorocyclopentadiene		390	U	110	390
2,4,6-Trichlorophenol		390	U	69	390
2,4,5-Trichlorophenol		390	U	74	390
Diphenyl		390	U	64	390
2-Chloronaphthalene		390	U	54	390
2-Nitroaniline		780	U	110	780
2,6-Dinitrotoluene		78	U	9.8	78
Dimethyl phthalate		390	U	52	390
Acenaphthylene		390	U	55	390
3-Nitroaniline		780	U	87	780
Acenaphthene		390	U	55	390
4-Nitrophenol		1200	U	99	1200
2,4-Dinitrophenol		1200	U	82	1200
Dibenzofuran		390	U	58	390
Diethyl phthalate		390	U	52	390
Fluorene		390	U	65	390
Fluoranthene		390	U	64	390
Di-n-butyl phthalate		390	U	59	390
2,4-Dinitrotoluene		78	U	11	78
4-Chlorophenyl phenyl ether		390	U	66	390
4-Nitroaniline		780	U	80	780
4,6-Dinitro-2-methylphenol		1200	U	180	1200
4-Bromophenyl phenyl ether		390	U	69	390

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-21-SI-E (10.5-11)**

Lab Sample ID: 460-24280-6 Date Sampled: 03/17/2011 0930
Client Matrix: Solid % Moisture: 14.2 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10200.d
Dilution:	1.0			Initial Weight/Volume:	14.99 g
Analysis Date:	04/02/2011 0942			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		390	U	72	390
Anthracene		390	U	68	390
Carbazole		390	U	61	390
Phenanthrene		390	U	67	390
Pentachlorophenol		1200	U	190	1200
Pyrene		390	U	67	390
Chrysene		390	U	56	390
Benzo[k]fluoranthene		39	U	5.4	39
Benzo[g,h,i]perylene		390	U	41	390
Benzo[b]fluoranthene		39	U	5.7	39
Benzo[a]pyrene		39	U	4.7	39
Benzo[a]anthracene		39	U	7.1	39
N-Nitrosodiphenylamine		390	U	63	390
Butyl benzyl phthalate		390	U	45	390
Bis(2-ethylhexyl) phthalate		390	U	51	390
Di-n-octyl phthalate		390	U	46	390
Indeno[1,2,3-cd]pyrene		39	U	6.2	39
Dibenz(a,h)anthracene		39	U	4.6	39
3,3'-Dichlorobenzidine		780	U	85	780
1,2,4,5-Tetrachlorobenzene		390	U	52	390
2,3,4,6-Tetrachlorophenol		390	U	77	390

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	79		38 - 105
Phenol-d5	68		41 - 118
Terphenyl-d14	86		16 - 151
2,4,6-Tribromophenol	66		10 - 120
2-Fluorophenol	74		37 - 125
2-Fluorobiphenyl	78		40 - 109

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-21-SI-E (10.5-11)**

Lab Sample ID: 460-24280-6 Date Sampled: 03/17/2011 0930
Client Matrix: Solid % Moisture: 14.2 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10200.d
Dilution:	1.0			Initial Weight/Volume:	14.99 g
Analysis Date:	04/02/2011 0942			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			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: 460-24280-1

Client Sample ID: **PMP-1-VD-E (3.5-4.0)**

Lab Sample ID: 460-24280-7 Date Sampled: 03/17/2011 0940
Client Matrix: Solid % Moisture: 4.8 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10201.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	04/02/2011 1009			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		350	U	42	350
2-Chlorophenol		350	U	46	350
2-Methylphenol		350	U	50	350
4-Methylphenol		350	U	57	350
Benzaldehyde		350	U	22	350
Acetophenone		350	U	51	350
Bis(2-chloroethyl)ether		35	U	7.2	35
2,2'-oxybis[1-chloropropane]		350	U	45	350
N-Nitrosodi-n-propylamine		35	U	4.6	35
Nitrobenzene		35	U	7.7	35
Hexachloroethane		35	U	5.8	35
Isophorone		350	U	40	350
2-Nitrophenol		350	U	57	350
2,4-Dimethylphenol		350	U	55	350
2,4-Dichlorophenol		350	U	55	350
Bis(2-chloroethoxy)methane		350	U	49	350
Naphthalene		350	U	51	350
4-Chloroaniline		350	U	44	350
Hexachlorobutadiene		70	U	14	70
Caprolactam		350	U	48	350
4-Chloro-3-methylphenol		350	U	58	350
2-Methylnaphthalene		350	U	51	350
Hexachlorobenzene		35	U	4.8	35
Hexachlorocyclopentadiene		350	U	100	350
2,4,6-Trichlorophenol		350	U	62	350
2,4,5-Trichlorophenol		350	U	67	350
Diphenyl		350	U	57	350
2-Chloronaphthalene		350	U	49	350
2-Nitroaniline		700	U	95	700
2,6-Dinitrotoluene		70	U	8.8	70
Dimethyl phthalate		350	U	47	350
Acenaphthylene		350	U	50	350
3-Nitroaniline		700	U	78	700
Acenaphthene		350	U	49	350
4-Nitrophenol		1000	U	89	1000
2,4-Dinitrophenol		1000	U	74	1000
Dibenzofuran		350	U	52	350
Diethyl phthalate		350	U	46	350
Fluorene		350	U	59	350
Fluoranthene		350	U	58	350
Di-n-butyl phthalate		350	U	53	350
2,4-Dinitrotoluene		70	U	10	70
4-Chlorophenyl phenyl ether		350	U	60	350
4-Nitroaniline		700	U	72	700
4,6-Dinitro-2-methylphenol		1000	U	170	1000
4-Bromophenyl phenyl ether		350	U	62	350

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-1-VD-E (3.5-4.0)**

Lab Sample ID: 460-24280-7 Date Sampled: 03/17/2011 0940
Client Matrix: Solid % Moisture: 4.8 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10201.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	04/02/2011 1009			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		350	U	65	350
Anthracene		350	U	61	350
Carbazole		350	U	55	350
Phenanthrene		350	U	60	350
Pentachlorophenol		1000	U	170	1000
Pyrene		350	U	60	350
Chrysene		350	U	50	350
Benzo[k]fluoranthene		35	U	4.8	35
Benzo[g,h,i]perylene		350	U	37	350
Benzo[b]fluoranthene		35	U	5.2	35
Benzo[a]pyrene		35	U	4.3	35
Benzo[a]anthracene		35	U	6.4	35
N-Nitrosodiphenylamine		350	U	56	350
Butyl benzyl phthalate		350	U	40	350
Bis(2-ethylhexyl) phthalate		350	U	46	350
Di-n-octyl phthalate		350	U	41	350
Indeno[1,2,3-cd]pyrene		35	U	5.5	35
Dibenz(a,h)anthracene		35	U	4.2	35
3,3'-Dichlorobenzidine		700	U	77	700
1,2,4,5-Tetrachlorobenzene		350	U	47	350
2,3,4,6-Tetrachlorophenol		350	U	69	350

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	75		38 - 105
Phenol-d5	70		41 - 118
Terphenyl-d14	78		16 - 151
2,4,6-Tribromophenol	62		10 - 120
2-Fluorophenol	75		37 - 125
2-Fluorobiphenyl	78		40 - 109

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-1-VD-E (3.5-4.0)**

Lab Sample ID: 460-24280-7 Date Sampled: 03/17/2011 0940
Client Matrix: Solid % Moisture: 4.8 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10201.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	04/02/2011 1009			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			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: 460-24280-1

Client Sample ID: **PMP-1-WT-E (8-8.5)**

Lab Sample ID: 460-24280-8 Date Sampled: 03/17/2011 0945
Client Matrix: Solid % Moisture: 11.3 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10202.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	04/02/2011 1036			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		370	U	46	370
2-Chlorophenol		370	U	50	370
2-Methylphenol		370	U	54	370
4-Methylphenol		370	U	61	370
Benzaldehyde		370	U	23	370
Acetophenone		370	U	55	370
Bis(2-chloroethyl)ether		37	U	7.8	37
2,2'-oxybis[1-chloropropane]		370	U	49	370
N-Nitrosodi-n-propylamine		37	U	4.9	37
Nitrobenzene		37	U	8.3	37
Hexachloroethane		37	U	6.3	37
Isophorone		370	U	43	370
2-Nitrophenol		370	U	61	370
2,4-Dimethylphenol		370	U	60	370
2,4-Dichlorophenol		370	U	60	370
Bis(2-chloroethoxy)methane		370	U	53	370
Naphthalene		370	U	55	370
4-Chloroaniline		370	U	47	370
Hexachlorobutadiene		75	U	15	75
Caprolactam		370	U	51	370
4-Chloro-3-methylphenol		370	U	63	370
2-Methylnaphthalene		370	U	54	370
Hexachlorobenzene		37	U	5.2	37
Hexachlorocyclopentadiene		370	U	110	370
2,4,6-Trichlorophenol		370	U	67	370
2,4,5-Trichlorophenol		370	U	72	370
Diphenyl		370	U	61	370
2-Chloronaphthalene		370	U	53	370
2-Nitroaniline		750	U	100	750
2,6-Dinitrotoluene		75	U	9.5	75
Dimethyl phthalate		370	U	50	370
Acenaphthylene		370	U	53	370
3-Nitroaniline		750	U	84	750
Acenaphthene		370	U	53	370
4-Nitrophenol		1100	U	96	1100
2,4-Dinitrophenol		1100	U	79	1100
Dibenzofuran		370	U	56	370
Diethyl phthalate		370	U	50	370
Fluorene		370	U	63	370
Fluoranthene		370	U	62	370
Di-n-butyl phthalate		370	U	57	370
2,4-Dinitrotoluene		75	U	11	75
4-Chlorophenyl phenyl ether		370	U	64	370
4-Nitroaniline		750	U	77	750
4,6-Dinitro-2-methylphenol		1100	U	180	1100
4-Bromophenyl phenyl ether		370	U	66	370

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-1-WT-E (8-8.5)**

Lab Sample ID: 460-24280-8 Date Sampled: 03/17/2011 0945
Client Matrix: Solid % Moisture: 11.3 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10202.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	04/02/2011 1036			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		370	U	70	370
Anthracene		370	U	66	370
Carbazole		370	U	59	370
Phenanthrene		370	U	65	370
Pentachlorophenol		1100	U	180	1100
Pyrene		370	U	64	370
Chrysene		370	U	54	370
Benzo[k]fluoranthene		37	U	5.2	37
Benzo[g,h,i]perylene		370	U	39	370
Benzo[b]fluoranthene		37	U	5.5	37
Benzo[a]pyrene		37	U	4.6	37
Benzo[a]anthracene		37	U	6.9	37
N-Nitrosodiphenylamine		370	U	61	370
Butyl benzyl phthalate		370	U	43	370
Bis(2-ethylhexyl) phthalate		370	U	49	370
Di-n-octyl phthalate		370	U	44	370
Indeno[1,2,3-cd]pyrene		37	U	6.0	37
Dibenz(a,h)anthracene		37	U	4.5	37
3,3'-Dichlorobenzidine		750	U	82	750
1,2,4,5-Tetrachlorobenzene		370	U	50	370
2,3,4,6-Tetrachlorophenol		370	U	75	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	79		38 - 105
Phenol-d5	72		41 - 118
Terphenyl-d14	76		16 - 151
2,4,6-Tribromophenol	60		10 - 120
2-Fluorophenol	77		37 - 125
2-Fluorobiphenyl	82		40 - 109

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-1-WT-E (8-8.5)**

Lab Sample ID: 460-24280-8 Date Sampled: 03/17/2011 0945
Client Matrix: Solid % Moisture: 11.3 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10202.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	04/02/2011 1036			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			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: 460-24280-1

Client Sample ID: **PMP-1-SI-E (10.5-11.0)**

Lab Sample ID: 460-24280-9 Date Sampled: 03/17/2011 0950
Client Matrix: Solid % Moisture: 13.4 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10203.d
Dilution:	1.0			Initial Weight/Volume:	14.96 g
Analysis Date:	04/02/2011 1103			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		380	U	47	380
2-Chlorophenol		380	U	51	380
2-Methylphenol		380	U	55	380
4-Methylphenol		380	U	63	380
Benzaldehyde		380	U	24	380
Acetophenone		380	U	57	380
Bis(2-chloroethyl)ether		38	U	8.0	38
2,2'-oxybis[1-chloropropane]		380	U	50	380
N-Nitrosodi-n-propylamine		38	U	5.1	38
Nitrobenzene		38	U	8.6	38
Hexachloroethane		38	U	6.5	38
Isophorone		380	U	44	380
2-Nitrophenol		380	U	63	380
2,4-Dimethylphenol		380	U	61	380
2,4-Dichlorophenol		380	U	61	380
Bis(2-chloroethoxy)methane		380	U	55	380
Naphthalene		380	U	56	380
4-Chloroaniline		380	U	48	380
Hexachlorobutadiene		78	U	16	78
Caprolactam		380	U	53	380
4-Chloro-3-methylphenol		380	U	64	380
2-Methylnaphthalene		380	U	56	380
Hexachlorobenzene		38	U	5.3	38
Hexachlorocyclopentadiene		380	U	110	380
2,4,6-Trichlorophenol		380	U	69	380
2,4,5-Trichlorophenol		380	U	74	380
Diphenyl		380	U	63	380
2-Chloronaphthalene		380	U	54	380
2-Nitroaniline		780	U	100	780
2,6-Dinitrotoluene		78	U	9.7	78
Dimethyl phthalate		380	U	52	380
Acenaphthylene		380	U	55	380
3-Nitroaniline		780	U	87	780
Acenaphthene		380	U	55	380
4-Nitrophenol		1200	U	98	1200
2,4-Dinitrophenol		1200	U	81	1200
Dibenzofuran		380	U	58	380
Diethyl phthalate		380	U	51	380
Fluorene		380	U	65	380
Fluoranthene		380	U	64	380
Di-n-butyl phthalate		380	U	59	380
2,4-Dinitrotoluene		78	U	11	78
4-Chlorophenyl phenyl ether		380	U	66	380
4-Nitroaniline		780	U	79	780
4,6-Dinitro-2-methylphenol		1200	U	180	1200
4-Bromophenyl phenyl ether		380	U	68	380

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-1-SI-E (10.5-11.0)**

Lab Sample ID: 460-24280-9 Date Sampled: 03/17/2011 0950
Client Matrix: Solid % Moisture: 13.4 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10203.d
Dilution:	1.0			Initial Weight/Volume:	14.96 g
Analysis Date:	04/02/2011 1103			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		380	U	71	380
Anthracene		380	U	68	380
Carbazole		380	U	61	380
Phenanthrene		380	U	67	380
Pentachlorophenol		1200	U	190	1200
Pyrene		380	U	66	380
Chrysene		380	U	56	380
Benzo[k]fluoranthene		38	U	5.4	38
Benzo[g,h,i]perylene		380	U	40	380
Benzo[b]fluoranthene		38	U	5.7	38
Benzo[a]pyrene		38	U	4.7	38
Benzo[a]anthracene		38	U	7.1	38
N-Nitrosodiphenylamine		380	U	62	380
Butyl benzyl phthalate		380	U	45	380
Bis(2-ethylhexyl) phthalate		380	U	51	380
Di-n-octyl phthalate		380	U	45	380
Indeno[1,2,3-cd]pyrene		38	U	6.1	38
Dibenz(a,h)anthracene		38	U	4.6	38
3,3'-Dichlorobenzidine		780	U	85	780
1,2,4,5-Tetrachlorobenzene		380	U	52	380
2,3,4,6-Tetrachlorophenol		380	U	77	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	78		38 - 105
Phenol-d5	76		41 - 118
Terphenyl-d14	81		16 - 151
2,4,6-Tribromophenol	68		10 - 120
2-Fluorophenol	79		37 - 125
2-Fluorobiphenyl	77		40 - 109

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-1-SI-E (10.5-11.0)**

Lab Sample ID: 460-24280-9 Date Sampled: 03/17/2011 0950
Client Matrix: Solid % Moisture: 13.4 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10203.d
Dilution:	1.0			Initial Weight/Volume:	14.96 g
Analysis Date:	04/02/2011 1103			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			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: 460-24280-1

Client Sample ID: **PMP-24-VS-E (1-3)**

Lab Sample ID: 460-24280-10 Date Sampled: 03/17/2011 1025
Client Matrix: Solid % Moisture: 8.5 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10211.d
Dilution:	2.0			Initial Weight/Volume:	14.98 g
Analysis Date:	04/02/2011 1440			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		720	U	89	720
2-Chlorophenol		720	U	97	720
2-Methylphenol		720	U	100	720
4-Methylphenol		720	U	120	720
Benzaldehyde		720	U	45	720
Acetophenone		720	U	110	720
Bis(2-chloroethyl)ether		72	U	15	72
2,2'-oxybis[1-chloropropane]		720	U	95	720
N-Nitrosodi-n-propylamine		72	U	9.6	72
Nitrobenzene		72	U	16	72
Hexachloroethane		72	U	12	72
Isophorone		720	U	83	720
2-Nitrophenol		720	U	120	720
2,4-Dimethylphenol		720	U	120	720
2,4-Dichlorophenol		720	U	120	720
Bis(2-chloroethoxy)methane		720	U	100	720
Naphthalene		120	J	110	720
4-Chloroaniline		720	U	91	720
Hexachlorobutadiene		150	U	29	150
Caprolactam		720	U	99	720
4-Chloro-3-methylphenol		720	U	120	720
2-Methylnaphthalene		610	J	110	720
Hexachlorobenzene		72	U	10	72
Hexachlorocyclopentadiene		720	U	210	720
2,4,6-Trichlorophenol		720	U	130	720
2,4,5-Trichlorophenol		720	U	140	720
Diphenyl		230	J	120	720
2-Chloronaphthalene		720	U	100	720
2-Nitroaniline		1500	U	200	1500
2,6-Dinitrotoluene		150	U	18	150
Dimethyl phthalate		720	U	98	720
Acenaphthylene		720	U	100	720
3-Nitroaniline		1500	U	160	1500
Acenaphthene		720	U	100	720
4-Nitrophenol		2200	U	190	2200
2,4-Dinitrophenol		2200	U	150	2200
Dibenzofuran		720	U	110	720
Diethyl phthalate		720	U	97	720
Fluorene		720	U	120	720
Fluoranthene		720	U	120	720
Di-n-butyl phthalate		720	U	110	720
2,4-Dinitrotoluene		150	U	21	150
4-Chlorophenyl phenyl ether		720	U	120	720
4-Nitroaniline		1500	U	150	1500
4,6-Dinitro-2-methylphenol		2200	U	350	2200
4-Bromophenyl phenyl ether		720	U	130	720

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-VS-E (1-3)**

Lab Sample ID: 460-24280-10 Date Sampled: 03/17/2011 1025
Client Matrix: Solid % Moisture: 8.5 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10211.d
Dilution:	2.0			Initial Weight/Volume:	14.98 g
Analysis Date:	04/02/2011 1440			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		720	U	140	720
Anthracene		720	U	130	720
Carbazole		720	U	120	720
Phenanthrene		720	U	130	720
Pentachlorophenol		2200	U	350	2200
Pyrene		720	U	130	720
Chrysene		720	U	110	720
Benzo[k]fluoranthene		72	U	10	72
Benzo[g,h,i]perylene		720	U	76	720
Benzo[b]fluoranthene		72	U	11	72
Benzo[a]pyrene		72	U	8.9	72
Benzo[a]anthracene		72	U	13	72
N-Nitrosodiphenylamine		720	U	120	720
Butyl benzyl phthalate		720	U	85	720
Bis(2-ethylhexyl) phthalate		720	U	96	720
Di-n-octyl phthalate		720	U	86	720
Indeno[1,2,3-cd]pyrene		72	U	12	72
Dibenz(a,h)anthracene		72	U	8.7	72
3,3'-Dichlorobenzidine		1500	U	160	1500
1,2,4,5-Tetrachlorobenzene		720	U	97	720
2,3,4,6-Tetrachlorophenol		720	U	140	720

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	82		38 - 105
Phenol-d5	89		41 - 118
Terphenyl-d14	79		16 - 151
2,4,6-Tribromophenol	78		10 - 120
2-Fluorophenol	85		37 - 125
2-Fluorobiphenyl	86		40 - 109

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-VS-E (1-3)**

Lab Sample ID: 460-24280-10 Date Sampled: 03/17/2011 1025
Client Matrix: Solid % Moisture: 8.5 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10211.d
Dilution:	2.0			Initial Weight/Volume:	14.98 g
Analysis Date:	04/02/2011 1440			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Dichloro-1,1-biphenyl isomer-1	7.98	7800	J
	Dichloro-1,1-biphenyl isomer-3	8.38	14000	J
	Trichloro-1,1-biphenyl isomer-1	8.75	25000	J
	Dichloro-1,1-biphenyl isomer-4	8.80	7400	J
	Trichloro-1,1-biphenyl isomer-2	8.91	10000	J
	Trichloro-1,1-biphenyl isomer-4	9.15	25000	J
	Trichloro-1,1-biphenyl isomer-4	9.22	12000	J
	Trichloro-1,1-biphenyl isomer-5	9.29	5900	J
	Tetrachloro-1,1-biphenyl isomer-1	9.42	15000	J
	Tetrachloro-1,1-biphenyl isomer-2	9.46	11000	J
	Tetrachloro-1,1-biphenyl isomer-3	9.48	8700	J
	Tetrachloro-1,1-biphenyl isomer-4	9.58	15000	J
	Tetrachloro-1,1-biphenyl isomer-5	9.61	5900	J
	Trichloro-1,1-biphenyl isomer-6	9.64	8200	J
	Tetrachloro-1,1-biphenyl isomer-6	9.67	5500	J
	Tetrachloro-1,1-biphenyl isomer-7	9.69	10000	J
	Tetrachloro-1,1-biphenyl isomer-8	9.88	7800	J
	Tetrachloro-1,1-biphenyl isomer-9	9.91	16000	J
	Tetrachloro-1,1-biphenyl isomer-10	9.93	15000	J
	Tetrachloro-1,1-biphenyl isomer-11	10.06	12000	J

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-VD-E (4.5-6.5)**

Lab Sample ID: 460-24280-11 Date Sampled: 03/17/2011 1030
Client Matrix: Solid % Moisture: 10.6 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10212.d
Dilution:	5.0			Initial Weight/Volume:	15.03 g
Analysis Date:	04/02/2011 1507			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		1800	U	230	1800
2-Chlorophenol		1800	U	250	1800
2-Methylphenol		1800	U	270	1800
4-Methylphenol		1800	U	300	1800
Benzaldehyde		1800	U	120	1800
Acetophenone		1800	U	270	1800
Bis(2-chloroethyl)ether		180	U	38	180
2,2'-oxybis[1-chloropropane]		1800	U	240	1800
N-Nitrosodi-n-propylamine		180	U	24	180
Nitrobenzene		180	U	41	180
Hexachloroethane		180	U	31	180
Isophorone		1800	U	210	1800
2-Nitrophenol		1800	U	300	1800
2,4-Dimethylphenol		1800	U	300	1800
2,4-Dichlorophenol		1800	U	300	1800
Bis(2-chloroethoxy)methane		1800	U	260	1800
Naphthalene		13000		270	1800
4-Chloroaniline		1800	U	230	1800
Hexachlorobutadiene		370	U	75	370
Caprolactam		1800	U	250	1800
4-Chloro-3-methylphenol		1800	U	310	1800
2-Methylnaphthalene		27000		270	1800
Hexachlorobenzene		180	U	26	180
Hexachlorocyclopentadiene		1800	U	540	1800
2,4,6-Trichlorophenol		1800	U	330	1800
2,4,5-Trichlorophenol		1800	U	360	1800
Diphenyl		3700		300	1800
2-Chloronaphthalene		1800	U	260	1800
2-Nitroaniline		3700	U	510	3700
2,6-Dinitrotoluene		370	U	47	370
Dimethyl phthalate		1800	U	250	1800
Acenaphthylene		1800	U	260	1800
3-Nitroaniline		3700	U	420	3700
Acenaphthene		1100	J	260	1800
4-Nitrophenol		5600	U	470	5600
2,4-Dinitrophenol		5600	U	390	5600
Dibenzofuran		750	J	280	1800
Diethyl phthalate		1800	U	250	1800
Fluorene		810	J	310	1800
Fluoranthene		1800	U	310	1800
Di-n-butyl phthalate		1800	U	280	1800
2,4-Dinitrotoluene		370	U	54	370
4-Chlorophenyl phenyl ether		1800	U	320	1800
4-Nitroaniline		3700	U	380	3700
4,6-Dinitro-2-methylphenol		5600	U	880	5600
4-Bromophenyl phenyl ether		1800	U	330	1800

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-VD-E (4.5-6.5)**

Lab Sample ID: 460-24280-11 Date Sampled: 03/17/2011 1030
Client Matrix: Solid % Moisture: 10.6 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10212.d
Dilution:	5.0			Initial Weight/Volume:	15.03 g
Analysis Date:	04/02/2011 1507			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		1800	U	340	1800
Anthracene		1800	U	330	1800
Carbazole		1800	U	290	1800
Phenanthrene		1100	J	320	1800
Pentachlorophenol		5600	U	900	5600
Pyrene		1800	U	320	1800
Chrysene		1800	U	270	1800
Benzo[k]fluoranthene		180	U	26	180
Benzo[g,h,i]perylene		1800	U	190	1800
Benzo[b]fluoranthene		180	U	27	180
Benzo[a]pyrene		180	U	23	180
Benzo[a]anthracene		180	U	34	180
N-Nitrosodiphenylamine		1800	U	300	1800
Butyl benzyl phthalate		1800	U	220	1800
Bis(2-ethylhexyl) phthalate		670	J	250	1800
Di-n-octyl phthalate		1800	U	220	1800
Indeno[1,2,3-cd]pyrene		180	U	30	180
Dibenz(a,h)anthracene		180	U	22	180
3,3'-Dichlorobenzidine		3700	U	410	3700
1,2,4,5-Tetrachlorobenzene		1800	U	250	1800
2,3,4,6-Tetrachlorophenol		1800	U	370	1800

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	88		38 - 105
Phenol-d5	91		41 - 118
Terphenyl-d14	93		16 - 151
2,4,6-Tribromophenol	108		10 - 120
2-Fluorophenol	90		37 - 125
2-Fluorobiphenyl	99		40 - 109

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-VD-E (4.5-6.5)**

Lab Sample ID: 460-24280-11 Date Sampled: 03/17/2011 1030
Client Matrix: Solid % Moisture: 10.6 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10212.d
Dilution:	5.0			Initial Weight/Volume:	15.03 g
Analysis Date:	04/02/2011 1507			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Nitrochlorobenzene isomer	5.93	170000	J
	Unknown Alkane-1	6.21	30000	J
	Dichloro-1,1-biphenyl isomer-2	8.39	49000	J
	Trichloro-1,1-biphenyl isomer-1	8.76	80000	J
	Trichloro-1,1-biphenyl isomer-2	8.92	35000	J
	Trichloro-1,1-biphenyl isomer-4	9.17	80000	J
	Trichloro-1,1-biphenyl isomer-5	9.24	41000	J
	Trichloro-1,1-biphenyl isomer-6	9.30	21000	J
	Tetrachloro-1,1-biphenyl isomer-1	9.43	95000	J
	Tetrachloro-1,1-biphenyl isomer-2	9.46	74000	J
	Unknown-2	9.49	62000	J
	Tetrachloro-1,1-biphenyl isomer-3	9.59	94000	J
	Unknown-3	9.62	47000	J
	Trichloro-1,1-biphenyl isomer-7	9.65	58000	J
	Tetrachloro-1,1-biphenyl isomer-4	9.70	74000	J
	Tetrachloro-1,1-biphenyl isomer-5	9.88	54000	J
	Tetrachloro-1,1-biphenyl isomer-6	9.92	120000	J
	Tetrachloro-1,1-biphenyl isomer-7	9.95	94000	J
	Tetrachloro-1,1-biphenyl isomer-8	10.07	83000	J
	Pentachloro-1,1"-biphenyl isomer	10.11	32000	J

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-WT-E (6.5-8.5)**

Lab Sample ID: 460-24280-12 Date Sampled: 03/17/2011 1035
Client Matrix: Solid % Moisture: 9.7 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10213.d
Dilution:	5.0			Initial Weight/Volume:	15.04 g
Analysis Date:	04/02/2011 1534			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		1800	U	220	1800
2-Chlorophenol		1800	U	240	1800
2-Methylphenol		1800	U	260	1800
4-Methylphenol		1800	U	300	1800
Benzaldehyde		1800	U	110	1800
Acetophenone		1800	U	270	1800
Bis(2-chloroethyl)ether		180	U	38	180
2,2'-oxybis[1-chloropropane]		1800	U	240	1800
N-Nitrosodi-n-propylamine		180	U	24	180
Nitrobenzene		180	U	41	180
Hexachloroethane		180	U	31	180
Isophorone		1800	U	210	1800
2-Nitrophenol		1800	U	300	1800
2,4-Dimethylphenol		1800	U	290	1800
2,4-Dichlorophenol		1800	U	290	1800
Bis(2-chloroethoxy)methane		1800	U	260	1800
Naphthalene		9600		270	1800
4-Chloroaniline		1800	U	230	1800
Hexachlorobutadiene		370	U	74	370
Caprolactam		1800	U	250	1800
4-Chloro-3-methylphenol		1800	U	310	1800
2-Methylnaphthalene		19000		270	1800
Hexachlorobenzene		180	U	25	180
Hexachlorocyclopentadiene		1800	U	530	1800
2,4,6-Trichlorophenol		1800	U	330	1800
2,4,5-Trichlorophenol		1800	U	350	1800
Diphenyl		2700		300	1800
2-Chloronaphthalene		1800	U	260	1800
2-Nitroaniline		3700	U	500	3700
2,6-Dinitrotoluene		370	U	46	370
Dimethyl phthalate		1800	U	250	1800
Acenaphthylene		1800	U	260	1800
3-Nitroaniline		3700	U	410	3700
Acenaphthene		870	J	260	1800
4-Nitrophenol		5500	U	470	5500
2,4-Dinitrophenol		5500	U	390	5500
Dibenzofuran		490	J	270	1800
Diethyl phthalate		1800	U	250	1800
Fluorene		540	J	310	1800
Fluoranthene		1800	U	300	1800
Di-n-butyl phthalate		1800	U	280	1800
2,4-Dinitrotoluene		370	U	53	370
4-Chlorophenyl phenyl ether		1800	U	310	1800
4-Nitroaniline		3700	U	380	3700
4,6-Dinitro-2-methylphenol		5500	U	870	5500
4-Bromophenyl phenyl ether		1800	U	330	1800

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-WT-E (6.5-8.5)**

Lab Sample ID: 460-24280-12 Date Sampled: 03/17/2011 1035
Client Matrix: Solid % Moisture: 9.7 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10213.d
Dilution:	5.0			Initial Weight/Volume:	15.04 g
Analysis Date:	04/02/2011 1534			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		1800	U	340	1800
Anthracene		1800	U	320	1800
Carbazole		1800	U	290	1800
Phenanthrene		870	J	320	1800
Pentachlorophenol		5500	U	890	5500
Pyrene		1800	U	320	1800
Chrysene		1800	U	270	1800
Benzo[k]fluoranthene		180	U	26	180
Benzo[g,h,i]perylene		1800	U	190	1800
Benzo[b]fluoranthene		180	U	27	180
Benzo[a]pyrene		180	U	22	180
Benzo[a]anthracene		180	U	34	180
N-Nitrosodiphenylamine		1800	U	300	1800
Butyl benzyl phthalate		1800	U	210	1800
Bis(2-ethylhexyl) phthalate		460	J	240	1800
Di-n-octyl phthalate		1800	U	220	1800
Indeno[1,2,3-cd]pyrene		180	U	29	180
Dibenz(a,h)anthracene		180	U	22	180
3,3'-Dichlorobenzidine		3700	U	400	3700
1,2,4,5-Tetrachlorobenzene		1800	U	250	1800
2,3,4,6-Tetrachlorophenol		1800	U	370	1800

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	109	X	38 - 105
Phenol-d5	93		41 - 118
Terphenyl-d14	94		16 - 151
2,4,6-Tribromophenol	86		10 - 120
2-Fluorophenol	95		37 - 125
2-Fluorobiphenyl	104		40 - 109

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-WT-E (6.5-8.5)**

Lab Sample ID: 460-24280-12 Date Sampled: 03/17/2011 1035
Client Matrix: Solid % Moisture: 9.7 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10213.d
Dilution:	5.0			Initial Weight/Volume:	15.04 g
Analysis Date:	04/02/2011 1534			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	5.57	17000	J
	Nitrochlorobenzene isomer	5.92	54000	J
	Unknown Alkane-2	6.21	25000	J
	Dichloro-1,1-biphenyl isomer-1	7.99	23000	J
	Dichloro-1,1-biphenyl isomer-4	8.39	41000	J
	Trichloro-1,1-biphenyl isomer-1	8.76	68000	J
	Dichloro-1,1-biphenyl isomer-5	8.81	17000	J
	Trichloro-1,1-biphenyl isomer-2	8.91	29000	J
	Trichloro-1,1-biphenyl isomer-4	9.16	65000	J
	Trichloro-1,1-biphenyl isomer-5	9.23	33000	J
	Tetrachloro-1,1-biphenyl isomer-1	9.43	77000	J
	Tetrachloro-1,1-biphenyl isomer-2	9.46	61000	J
	Tetrachloro-1,1-biphenyl isomer-3	9.49	45000	J
	Tetrachloro-1,1-biphenyl isomer-4	9.59	77000	J
	Trichloro-1,1-biphenyl isomer-7	9.65	42000	J
	Tetrachloro-1,1-biphenyl isomer-5	9.69	51000	J
	Tetrachloro-1,1-biphenyl isomer-6	9.88	40000	J
	Tetrachloro-1,1-biphenyl isomer-7	9.92	87000	J
	Tetrachloro-1,1-biphenyl isomer-8	9.94	76000	J
	Tetrachloro-1,1-biphenyl isomer-9	10.06	62000	J

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-SI-E (10.5-12.5)**

Lab Sample ID: 460-24280-13 Date Sampled: 03/17/2011 1040
Client Matrix: Solid % Moisture: 14.1 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69439	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	u66429.d
Dilution:	2.0			Initial Weight/Volume:	15.04 g
Analysis Date:	04/02/2011 2145			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		770	U	94	770
2-Chlorophenol		770	U	100	770
2-Methylphenol		770	U	110	770
4-Methylphenol		770	U	130	770
Benzaldehyde		770	U	48	770
Acetophenone		770	U	110	770
Bis(2-chloroethyl)ether		77	U	16	77
2,2'-oxybis[1-chloropropane]		770	U	100	770
N-Nitrosodi-n-propylamine		77	U	10	77
Nitrobenzene		77	U	17	77
Hexachloroethane		77	U	13	77
Isophorone		770	U	88	770
2-Nitrophenol		770	U	130	770
2,4-Dimethylphenol		770	U	120	770
2,4-Dichlorophenol		770	U	120	770
Bis(2-chloroethoxy)methane		770	U	110	770
Naphthalene		1900		110	770
4-Chloroaniline		770	U	97	770
Hexachlorobutadiene		160	U	31	160
Caprolactam		770	U	110	770
4-Chloro-3-methylphenol		770	U	130	770
2-Methylnaphthalene		9600		110	770
Hexachlorobenzene		77	U	11	77
Hexachlorocyclopentadiene		770	U	220	770
2,4,6-Trichlorophenol		770	U	140	770
2,4,5-Trichlorophenol		770	U	150	770
Diphenyl		690	J	130	770
2-Chloronaphthalene		770	U	110	770
2-Nitroaniline		1600	U	210	1600
2,6-Dinitrotoluene		160	U	20	160
Dimethyl phthalate		770	U	100	770
Acenaphthylene		770	U	110	770
3-Nitroaniline		1600	U	170	1600
Acenaphthene		450	J	110	770
4-Nitrophenol		2300	U	200	2300
2,4-Dinitrophenol		2300	U	160	2300
Dibenzofuran		770	U	120	770
Diethyl phthalate		770	U	100	770
Fluorene		880		130	770
Fluoranthene		770	U	130	770
Di-n-butyl phthalate		770	U	120	770
2,4-Dinitrotoluene		160	U	22	160
4-Chlorophenyl phenyl ether		770	U	130	770
4-Nitroaniline		1600	U	160	1600
4,6-Dinitro-2-methylphenol		2300	U	370	2300
4-Bromophenyl phenyl ether		770	U	140	770

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-SI-E (10.5-12.5)**

Lab Sample ID: 460-24280-13 Date Sampled: 03/17/2011 1040
Client Matrix: Solid % Moisture: 14.1 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69439	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	u66429.d
Dilution:	2.0			Initial Weight/Volume:	15.04 g
Analysis Date:	04/02/2011 2145			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		770	U	140	770
Anthracene		770	U	140	770
Carbazole		770	U	120	770
Phenanthrene		1400		130	770
Pentachlorophenol		2300	U	380	2300
Pyrene		770	U	130	770
Chrysene		770	U	110	770
Benzo[k]fluoranthene		77	U	11	77
Benzo[g,h,i]perylene		770	U	81	770
Benzo[b]fluoranthene		77	U	11	77
Benzo[a]pyrene		77	U	9.4	77
Benzo[a]anthracene		77	U	14	77
N-Nitrosodiphenylamine		770	U	130	770
Butyl benzyl phthalate		770	U	90	770
Bis(2-ethylhexyl) phthalate		770	U	100	770
Di-n-octyl phthalate		770	U	91	770
Indeno[1,2,3-cd]pyrene		77	U	12	77
Dibenz(a,h)anthracene		77	U	9.2	77
3,3'-Dichlorobenzidine		1600	U	170	1600
1,2,4,5-Tetrachlorobenzene		770	U	100	770
2,3,4,6-Tetrachlorophenol		770	U	150	770

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	110	X	38 - 105
Phenol-d5	75		41 - 118
Terphenyl-d14	85		16 - 151
2,4,6-Tribromophenol	77		10 - 120
2-Fluorophenol	70		37 - 125
2-Fluorobiphenyl	97		40 - 109

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-SI-E (10.5-12.5)**

Lab Sample ID: 460-24280-13 Date Sampled: 03/17/2011 1040
Client Matrix: Solid % Moisture: 14.1 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69439	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	u66429.d
Dilution:	2.0			Initial Weight/Volume:	15.04 g
Analysis Date:	04/02/2011 2145			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	5.01	8400	J
	Unknown Alkane-2	5.78	10000	J
	Unknown Alkane-3	6.14	8800	J
	Unknown Alkane-4	6.32	13000	J
90-12-0	1-Methylnaphthalene	6.50	7000	
	Unknown-1	6.61	6600	J
	Unknown Alkane-6	6.75	9200	J
	Unknown Alkane-7	6.90	20000	J
575-41-7	1,3-Dimethylnaphthalene	7.11	11000	
	Unknown Alkane-9	7.21	16000	J
	Unknown Alkane-10	7.42	15000	J
	Unknown Alkane-11	7.91	12000	J
	Unknown Alkane-12	8.12	11000	J
	Unknown Alkane-13	8.40	25000	J
	Dichloro-1,1-biphenyl isomer	8.50	8100	J
593-45-3	n-Octadecane	8.82	23000	E
	Trichloro-1,1-biphenyl isomer-1	8.84	15000	J
	Unknown Alkane-14	9.23	10000	J
	Trichloro-1,1-biphenyl isomer-3	9.27	13000	J
	Trichloro-1,1-biphenyl isomer-4	9.34	7200	J

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-2-VD-E (3.5-4.0)**

Lab Sample ID: 460-24280-14 Date Sampled: 03/17/2011 1119
Client Matrix: Solid % Moisture: 4.1 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10205.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	04/02/2011 1157			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		340	U	42	340
2-Chlorophenol		340	U	46	340
2-Methylphenol		340	U	50	340
4-Methylphenol		340	U	57	340
Benzaldehyde		340	U	22	340
Acetophenone		340	U	51	340
Bis(2-chloroethyl)ether		34	U	7.2	34
2,2'-oxybis[1-chloropropane]		340	U	45	340
N-Nitrosodi-n-propylamine		34	U	4.6	34
Nitrobenzene		34	U	7.7	34
Hexachloroethane		34	U	5.8	34
Isophorone		340	U	40	340
2-Nitrophenol		340	U	57	340
2,4-Dimethylphenol		340	U	55	340
2,4-Dichlorophenol		340	U	55	340
Bis(2-chloroethoxy)methane		340	U	49	340
Naphthalene		91	J	50	340
4-Chloroaniline		340	U	43	340
Hexachlorobutadiene		70	U	14	70
Caprolactam		340	U	47	340
4-Chloro-3-methylphenol		340	U	58	340
2-Methylnaphthalene		150	J	50	340
Hexachlorobenzene		34	U	4.8	34
Hexachlorocyclopentadiene		340	U	100	340
2,4,6-Trichlorophenol		340	U	62	340
2,4,5-Trichlorophenol		340	U	66	340
Diphenyl		340	U	57	340
2-Chloronaphthalene		340	U	49	340
2-Nitroaniline		700	U	94	700
2,6-Dinitrotoluene		70	U	8.8	70
Dimethyl phthalate		340	U	47	340
Acenaphthylene		340	U	49	340
3-Nitroaniline		700	U	78	700
Acenaphthene		340	U	49	340
4-Nitrophenol		1000	U	89	1000
2,4-Dinitrophenol		1000	U	73	1000
Dibenzofuran		340	U	52	340
Diethyl phthalate		340	U	46	340
Fluorene		340	U	58	340
Fluoranthene		340	U	57	340
Di-n-butyl phthalate		340	U	53	340
2,4-Dinitrotoluene		70	U	10	70
4-Chlorophenyl phenyl ether		340	U	59	340
4-Nitroaniline		700	U	71	700
4,6-Dinitro-2-methylphenol		1000	U	160	1000
4-Bromophenyl phenyl ether		340	U	61	340

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-2-VD-E (3.5-4.0)**

Lab Sample ID: 460-24280-14 Date Sampled: 03/17/2011 1119
Client Matrix: Solid % Moisture: 4.1 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10205.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	04/02/2011 1157			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		340	U	64	340
Anthracene		340	U	61	340
Carbazole		340	U	55	340
Phenanthrene		340	U	60	340
Pentachlorophenol		1000	U	170	1000
Pyrene		340	U	60	340
Chrysene		340	U	50	340
Benzo[k]fluoranthene		34	U	4.8	34
Benzo[g,h,i]perylene		340	U	36	340
Benzo[b]fluoranthene		34	U	5.1	34
Benzo[a]pyrene		34	U	4.2	34
Benzo[a]anthracene		34	U	6.4	34
N-Nitrosodiphenylamine		340	U	56	340
Butyl benzyl phthalate		340	U	40	340
Bis(2-ethylhexyl) phthalate		340	U	46	340
Di-n-octyl phthalate		340	U	41	340
Indeno[1,2,3-cd]pyrene		34	U	5.5	34
Dibenz(a,h)anthracene		34	U	4.1	34
3,3'-Dichlorobenzidine		700	U	76	700
1,2,4,5-Tetrachlorobenzene		340	U	46	340
2,3,4,6-Tetrachlorophenol		340	U	69	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	81		38 - 105
Phenol-d5	72		41 - 118
Terphenyl-d14	81		16 - 151
2,4,6-Tribromophenol	78		10 - 120
2-Fluorophenol	77		37 - 125
2-Fluorobiphenyl	84		40 - 109

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-2-VD-E (3.5-4.0)**

Lab Sample ID: 460-24280-14 Date Sampled: 03/17/2011 1119
Client Matrix: Solid % Moisture: 4.1 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	p10205.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	04/02/2011 1157			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	6.03	1600	J
	Unknown Alkane-2	6.21	2700	J
	Unknown Alkane-3	6.79	1600	J
	Unknown Alkane-4	7.11	1500	J
	Unknown Alkane-8	7.82	2400	J
	Unknown Alkane-10	8.04	1800	J
	Unknown-4	8.12	2700	J
	Unknown Alkane-11	8.29	13000	J
	Unknown Cycloalkane	8.34	1900	J
	Unknown Alkane-12	8.48	3500	J
	Unknown Alkane-13	8.51	1900	J
	Unknown Alkane-14	8.57	1600	J
593-45-3	n-Octadecane	8.74	7100	
	Unknown Alkane-15	8.76	6300	J
	Unknown Alkane-16	8.91	2000	J
	Unknown Alkane-17	9.15	5300	J
	Unknown Alkane-18	9.31	2300	J
	Unknown Alkane-19	9.55	4200	J
	Unknown Alkane-20	9.70	1700	J
	Unknown Alkane-21	9.93	2500	J

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-2WT-E (8.0-8.5)**

Lab Sample ID: 460-24280-15 Date Sampled: 03/17/2011 1125
Client Matrix: Solid % Moisture: 3.6 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69678	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	u66518.d
Dilution:	10			Initial Weight/Volume:	15.00 g
Analysis Date:	04/06/2011 1715	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		3400	U	420	3400
2-Chlorophenol		3400	U	460	3400
2-Methylphenol		3400	U	490	3400
4-Methylphenol		3400	U	560	3400
Benzaldehyde		3400	U	210	3400
Acetophenone		3400	U	510	3400
Bis(2-chloroethyl)ether		340	U	71	340
2,2'-oxybis[1-chloropropane]		3400	U	450	3400
N-Nitrosodi-n-propylamine		340	U	45	340
Nitrobenzene		340	U	77	340
Hexachloroethane		340	U	58	340
Isophorone		3400	U	390	3400
2-Nitrophenol		3400	U	560	3400
2,4-Dimethylphenol		3400	U	550	3400
2,4-Dichlorophenol		3400	U	550	3400
Bis(2-chloroethoxy)methane		3400	U	490	3400
Naphthalene		12000	D	500	3400
4-Chloroaniline		3400	U	430	3400
Hexachlorobutadiene		700	U	140	700
Caprolactam		3400	U	470	3400
4-Chloro-3-methylphenol		3400	U	580	3400
2-Methylnaphthalene		35000	D	500	3400
Hexachlorobenzene		340	U	48	340
Hexachlorocyclopentadiene		3400	U	1000	3400
2,4,6-Trichlorophenol		3400	U	610	3400
2,4,5-Trichlorophenol		3400	U	660	3400
Diphenyl		3400	U	570	3400
2-Chloronaphthalene		3400	U	480	3400
2-Nitroaniline		7000	U	940	7000
2,6-Dinitrotoluene		700	U	87	700
Dimethyl phthalate		3400	U	460	3400
Acenaphthylene		3400	U	490	3400
3-Nitroaniline		7000	U	780	7000
Acenaphthene		3200	J D	490	3400
4-Nitrophenol		10000	U	880	10000
2,4-Dinitrophenol		10000	U	730	10000
Dibenzofuran		3400	U	520	3400
Diethyl phthalate		3400	U	460	3400
Fluorene		2900	J D	580	3400
Fluoranthene		3400	U	570	3400
Di-n-butyl phthalate		3400	U	530	3400
2,4-Dinitrotoluene		700	U	100	700
4-Chlorophenyl phenyl ether		3400	U	590	3400
4-Nitroaniline		7000	U	710	7000
4,6-Dinitro-2-methylphenol		10000	U	1600	10000
4-Bromophenyl phenyl ether		3400	U	610	3400

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-2WT-E (8.0-8.5)**

Lab Sample ID: 460-24280-15 Date Sampled: 03/17/2011 1125
Client Matrix: Solid % Moisture: 3.6 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69678	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	u66518.d
Dilution:	10			Initial Weight/Volume:	15.00 g
Analysis Date:	04/06/2011 1715	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		3400	U	640	3400
Anthracene		3400	U	610	3400
Carbazole		3400	U	550	3400
Phenanthrene		6100	D	600	3400
Pentachlorophenol		10000	U	1700	10000
Pyrene		3400	U	590	3400
Chrysene		3400	U	500	3400
Benzo[k]fluoranthene		340	U	48	340
Benzo[g,h,i]perylene		3400	U	360	3400
Benzo[b]fluoranthene		340	U	51	340
Benzo[a]pyrene		340	U	42	340
Benzo[a]anthracene		340	U	64	340
N-Nitrosodiphenylamine		3400	U	560	3400
Butyl benzyl phthalate		3400	U	400	3400
Bis(2-ethylhexyl) phthalate		3400	U	460	3400
Di-n-octyl phthalate		3400	U	410	3400
Indeno[1,2,3-cd]pyrene		340	U	55	340
Dibenz(a,h)anthracene		340	U	41	340
3,3'-Dichlorobenzidine		7000	U	760	7000
1,2,4,5-Tetrachlorobenzene		3400	U	460	3400
2,3,4,6-Tetrachlorophenol		3400	U	690	3400

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

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-2WT-E (8.0-8.5)**

Lab Sample ID: 460-24280-15 Date Sampled: 03/17/2011 1125
Client Matrix: Solid % Moisture: 3.6 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69678	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	u66518.d
Dilution:	10			Initial Weight/Volume:	15.00 g
Analysis Date:	04/06/2011 1715	Run Type:	DL	Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-2	4.87	26000	D J
	Unknown Alkane-6	6.00	28000	D J
	Unknown Alkane-7	6.18	39000	D J
90-12-0	1-Methylnaphthalene	6.36	24000	D
	Unknown Alkane-8	6.61	24000	D J
	Unknown Alkane-9	6.75	44000	D J
575-41-7	1,3-Dimethylnaphthalene	6.96	42000	D
	Unknown Alkane-10	7.06	35000	D J
	Unknown Alkane-11	7.27	210000	D J
	Trimethylnaphthalene isomer	7.50	40000	D J
	Unknown Alkane-12	7.58	45000	D J
	Unknown Alkane-13	7.77	120000	D J
	Unknown Alkane-14	7.97	95000	D J
	Unknown Alkane-15	8.23	110000	D J
	Unknown Alkane-16	8.25	110000	D J
	Unknown Alkane-17	8.41	37000	D J
	Unknown Alkane-18	8.66	56000	D J
	Trichloro-1,1-biphenyl isomer-1	8.69	63000	D J
	Unknown Alkane-19	9.07	36000	D J
	Trichloro-1,1-biphenyl isomer-2	9.09	36000	D J

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-2-SI-E (10.5-11.0)**

Lab Sample ID: 460-24280-16 Date Sampled: 03/17/2011 1130
Client Matrix: Solid % Moisture: 12.8 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69541	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	u66450.d
Dilution:	2.0			Initial Weight/Volume:	15.00 g
Analysis Date:	04/03/2011 2300			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		760	U	93	760
2-Chlorophenol		760	U	100	760
2-Methylphenol		760	U	110	760
4-Methylphenol		760	U	120	760
Benzaldehyde		760	U	47	760
Acetophenone		760	U	110	760
Bis(2-chloroethyl)ether		76	U	16	76
2,2'-oxybis[1-chloropropane]		760	U	100	760
N-Nitrosodi-n-propylamine		76	U	10	76
Nitrobenzene		76	U	17	76
Hexachloroethane		76	U	13	76
Isophorone		760	U	87	760
2-Nitrophenol		760	U	120	760
2,4-Dimethylphenol		760	U	120	760
2,4-Dichlorophenol		760	U	120	760
Bis(2-chloroethoxy)methane		760	U	110	760
Naphthalene		4100		110	760
4-Chloroaniline		760	U	95	760
Hexachlorobutadiene		150	U	31	150
Caprolactam		760	U	100	760
4-Chloro-3-methylphenol		760	U	130	760
2-Methylnaphthalene		12000		110	760
Hexachlorobenzene		76	U	11	76
Hexachlorocyclopentadiene		760	U	220	760
2,4,6-Trichlorophenol		760	U	140	760
2,4,5-Trichlorophenol		760	U	150	760
Diphenyl		1500		130	760
2-Chloronaphthalene		760	U	110	760
2-Nitroaniline		1500	U	210	1500
2,6-Dinitrotoluene		150	U	19	150
Dimethyl phthalate		760	U	100	760
Acenaphthylene		760	U	110	760
3-Nitroaniline		1500	U	170	1500
Acenaphthene		760	U	110	760
4-Nitrophenol		2300	U	190	2300
2,4-Dinitrophenol		2300	U	160	2300
Dibenzofuran		760	U	110	760
Diethyl phthalate		760	U	100	760
Fluorene		1500		130	760
Fluoranthene		760	U	130	760
Di-n-butyl phthalate		760	U	120	760
2,4-Dinitrotoluene		150	U	22	150
4-Chlorophenyl phenyl ether		760	U	130	760
4-Nitroaniline		1500	U	160	1500
4,6-Dinitro-2-methylphenol		2300	U	360	2300
4-Bromophenyl phenyl ether		760	U	140	760

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-2-SI-E (10.5-11.0)**

Lab Sample ID: 460-24280-16 Date Sampled: 03/17/2011 1130
Client Matrix: Solid % Moisture: 12.8 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69541	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	u66450.d
Dilution:	2.0			Initial Weight/Volume:	15.00 g
Analysis Date:	04/03/2011 2300			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		760	U	140	760
Anthracene		760	U	130	760
Carbazole		760	U	120	760
Phenanthrene		3600		130	760
Pentachlorophenol		2300	U	370	2300
Pyrene		130	J	130	760
Chrysene		760	U	110	760
Benzo[k]fluoranthene		76	U	11	76
Benzo[g,h,i]perylene		760	U	80	760
Benzo[b]fluoranthene		76	U	11	76
Benzo[a]pyrene		76	U	9.3	76
Benzo[a]anthracene		76	U	14	76
N-Nitrosodiphenylamine		760	U	120	760
Butyl benzyl phthalate		760	U	89	760
Bis(2-ethylhexyl) phthalate		760	U	100	760
Di-n-octyl phthalate		760	U	90	760
Indeno[1,2,3-cd]pyrene		76	U	12	76
Dibenz(a,h)anthracene		76	U	9.1	76
3,3'-Dichlorobenzidine		1500	U	170	1500
1,2,4,5-Tetrachlorobenzene		760	U	100	760
2,3,4,6-Tetrachlorophenol		760	U	150	760

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	127	X	38 - 105
Phenol-d5	80		41 - 118
Terphenyl-d14	66		16 - 151
2,4,6-Tribromophenol	75		10 - 120
2-Fluorophenol	77		37 - 125
2-Fluorobiphenyl	96		40 - 109

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-2-SI-E (10.5-11.0)**

Lab Sample ID: 460-24280-16 Date Sampled: 03/17/2011 1130
Client Matrix: Solid % Moisture: 12.8 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69541	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	u66450.d
Dilution:	2.0			Initial Weight/Volume:	15.00 g
Analysis Date:	04/03/2011 2300			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	5.00	17000	J
	Ethyldimethylbenzene isomer	5.41	9600	J
	Unknown Alkane-2	5.44	9100	J
	Unknown Alkane-3	5.50	11000	J
	Unknown Alkane-4	5.77	13000	J
	Unknown Alkane-6	6.14	12000	J
	Unknown Alkane-7	6.31	14000	J
90-12-0	1-Methylnaphthalene	6.49	8700	
	Unknown Cycloalkane	6.61	9100	J
	Unknown Alkane-8	6.74	10000	J
	Unknown Alkane-9	6.88	18000	J
575-41-7	1,3-Dimethylnaphthalene	7.10	16000	
	Unknown Alkane-10	7.13	7700	J
	Unknown Alkane-11	7.19	17000	J
	Unknown Alkane-12	7.40	13000	J
	Unknown Alkane-15	8.10	11000	J
	Unknown Alkane-16	8.35	29000	J
	Unknown Alkane-17	8.38	31000	J
593-45-3	n-Octadecane	8.79	12000	
	Unknown	8.82	20000	J

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-5-VD-E (3.5-4)**

Lab Sample ID: 460-24280-17 Date Sampled: 03/17/2011 1155
Client Matrix: Solid % Moisture: 3.4 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69439	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	u66426.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	04/02/2011 2041			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		340	U	42	340
2-Chlorophenol		340	U	46	340
2-Methylphenol		340	U	49	340
4-Methylphenol		340	U	56	340
Benzaldehyde		340	U	21	340
Acetophenone		340	U	51	340
Bis(2-chloroethyl)ether		34	U	7.1	34
2,2'-oxybis[1-chloropropane]		340	U	45	340
N-Nitrosodi-n-propylamine		34	U	4.5	34
Nitrobenzene		34	U	7.7	34
Hexachloroethane		34	U	5.8	34
Isophorone		340	U	39	340
2-Nitrophenol		340	U	56	340
2,4-Dimethylphenol		340	U	55	340
2,4-Dichlorophenol		340	U	55	340
Bis(2-chloroethoxy)methane		340	U	49	340
Naphthalene		340	U	50	340
4-Chloroaniline		340	U	43	340
Hexachlorobutadiene		69	U	14	69
Caprolactam		340	U	47	340
4-Chloro-3-methylphenol		340	U	57	340
2-Methylnaphthalene		340	U	50	340
Hexachlorobenzene		34	U	4.8	34
Hexachlorocyclopentadiene		340	U	100	340
2,4,6-Trichlorophenol		340	U	61	340
2,4,5-Trichlorophenol		340	U	66	340
Diphenyl		340	U	56	340
2-Chloronaphthalene		340	U	48	340
2-Nitroaniline		690	U	94	690
2,6-Dinitrotoluene		69	U	8.7	69
Dimethyl phthalate		340	U	46	340
Acenaphthylene		340	U	49	340
3-Nitroaniline		690	U	77	690
Acenaphthene		340	U	49	340
4-Nitrophenol		1000	U	88	1000
2,4-Dinitrophenol		1000	U	73	1000
Dibenzofuran		340	U	51	340
Diethyl phthalate		340	U	46	340
Fluorene		340	U	58	340
Fluoranthene		340	U	57	340
Di-n-butyl phthalate		340	U	52	340
2,4-Dinitrotoluene		69	U	10	69
4-Chlorophenyl phenyl ether		340	U	59	340
4-Nitroaniline		690	U	71	690
4,6-Dinitro-2-methylphenol		1000	U	160	1000
4-Bromophenyl phenyl ether		340	U	61	340

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-5-VD-E (3.5-4)**

Lab Sample ID: 460-24280-17 Date Sampled: 03/17/2011 1155
Client Matrix: Solid % Moisture: 3.4 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69439	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	u66426.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	04/02/2011 2041			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		340	U	64	340
Anthracene		340	U	60	340
Carbazole		340	U	54	340
Phenanthrene		340	U	60	340
Pentachlorophenol		1000	U	170	1000
Pyrene		340	U	59	340
Chrysene		340	U	50	340
Benzo[k]fluoranthene		34	U	4.8	34
Benzo[g,h,i]perylene		340	U	36	340
Benzo[b]fluoranthene		34	U	5.1	34
Benzo[a]pyrene		34	U	4.2	34
Benzo[a]anthracene		34	U	6.3	34
N-Nitrosodiphenylamine		340	U	56	340
Butyl benzyl phthalate		340	U	40	340
Bis(2-ethylhexyl) phthalate		340	U	45	340
Di-n-octyl phthalate		340	U	41	340
Indeno[1,2,3-cd]pyrene		34	U	5.5	34
Dibenz(a,h)anthracene		34	U	4.1	34
3,3'-Dichlorobenzidine		690	U	76	690
1,2,4,5-Tetrachlorobenzene		340	U	46	340
2,3,4,6-Tetrachlorophenol		340	U	69	340

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	76		38 - 105
Phenol-d5	73		41 - 118
Terphenyl-d14	70		16 - 151
2,4,6-Tribromophenol	63		10 - 120
2-Fluorophenol	62		37 - 125
2-Fluorobiphenyl	72		40 - 109

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-5-VD-E (3.5-4)**

Lab Sample ID: 460-24280-17 Date Sampled: 03/17/2011 1155
Client Matrix: Solid % Moisture: 3.4 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69439	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	u66426.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	04/02/2011 2041			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			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: 460-24280-1

Client Sample ID: **PMP-5-WT-E (8-8.5)**

Lab Sample ID: 460-24280-18 Date Sampled: 03/17/2011 1200
Client Matrix: Solid % Moisture: 5.6 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69824	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	u66484.d
Dilution:	5.0			Initial Weight/Volume:	15.00 g
Analysis Date:	04/05/2011 1321			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		1700	U	210	1700
2-Chlorophenol		1700	U	230	1700
2-Methylphenol		1700	U	250	1700
4-Methylphenol		1700	U	290	1700
Benzaldehyde		1700	U	110	1700
Acetophenone		1700	U	260	1700
Bis(2-chloroethyl)ether		170	U	36	170
2,2'-oxybis[1-chloropropane]		1700	U	230	1700
N-Nitrosodi-n-propylamine		170	U	23	170
Nitrobenzene		170	U	39	170
Hexachloroethane		170	U	30	170
Isophorone		1700	U	200	1700
2-Nitrophenol		1700	U	290	1700
2,4-Dimethylphenol		1700	U	280	1700
2,4-Dichlorophenol		1700	U	280	1700
Bis(2-chloroethoxy)methane		1700	U	250	1700
Naphthalene		1700	U	260	1700
4-Chloroaniline		1700	U	220	1700
Hexachlorobutadiene		350	U	71	350
Caprolactam		1700	U	240	1700
4-Chloro-3-methylphenol		1700	U	290	1700
2-Methylnaphthalene		22000		260	1700
Hexachlorobenzene		170	U	24	170
Hexachlorocyclopentadiene		1700	U	510	1700
2,4,6-Trichlorophenol		1700	U	310	1700
2,4,5-Trichlorophenol		1700	U	340	1700
Diphenyl		2800		290	1700
2-Chloronaphthalene		1700	U	250	1700
2-Nitroaniline		3500	U	480	3500
2,6-Dinitrotoluene		350	U	45	350
Dimethyl phthalate		1700	U	240	1700
Acenaphthylene		1700	U	250	1700
3-Nitroaniline		3500	U	400	3500
Acenaphthene		1300	J	250	1700
4-Nitrophenol		5300	U	450	5300
2,4-Dinitrophenol		5300	U	370	5300
Dibenzofuran		1700	U	260	1700
Diethyl phthalate		1700	U	240	1700
Fluorene		2000		300	1700
Fluoranthene		1700	U	290	1700
Di-n-butyl phthalate		1700	U	270	1700
2,4-Dinitrotoluene		350	U	51	350
4-Chlorophenyl phenyl ether		1700	U	300	1700
4-Nitroaniline		3500	U	360	3500
4,6-Dinitro-2-methylphenol		5300	U	840	5300
4-Bromophenyl phenyl ether		1700	U	310	1700

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-5-WT-E (8-8.5)**

Lab Sample ID: 460-24280-18 Date Sampled: 03/17/2011 1200
Client Matrix: Solid % Moisture: 5.6 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69824	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	u66484.d
Dilution:	5.0			Initial Weight/Volume:	15.00 g
Analysis Date:	04/05/2011 1321			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		1700	U	330	1700
Anthracene		1700	U	310	1700
Carbazole		1700	U	280	1700
Phenanthrene		4900		310	1700
Pentachlorophenol		5300	U	860	5300
Pyrene		1700	U	300	1700
Chrysene		1700	U	250	1700
Benzo[k]fluoranthene		170	U	25	170
Benzo[g,h,i]perylene		1700	U	180	1700
Benzo[b]fluoranthene		170	U	26	170
Benzo[a]pyrene		170	U	22	170
Benzo[a]anthracene		170	U	32	170
N-Nitrosodiphenylamine		1700	U	290	1700
Butyl benzyl phthalate		1700	U	200	1700
Bis(2-ethylhexyl) phthalate		1700	U	230	1700
Di-n-octyl phthalate		1700	U	210	1700
Indeno[1,2,3-cd]pyrene		170	U	28	170
Dibenz(a,h)anthracene		170	U	21	170
3,3'-Dichlorobenzidine		3500	U	390	3500
1,2,4,5-Tetrachlorobenzene		1700	U	240	1700
2,3,4,6-Tetrachlorophenol		1700	U	350	1700

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	123	X	38 - 105
Phenol-d5	94		41 - 118
Terphenyl-d14	79		16 - 151
2,4,6-Tribromophenol	78		10 - 120
2-Fluorophenol	87		37 - 125
2-Fluorobiphenyl	101		40 - 109

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-5-WT-E (8-8.5)**

Lab Sample ID: 460-24280-18 Date Sampled: 03/17/2011 1200
Client Matrix: Solid % Moisture: 5.6 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69824	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	u66484.d
Dilution:	5.0			Initial Weight/Volume:	15.00 g
Analysis Date:	04/05/2011 1321			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Unknown Alkane-1	4.96	22000	J
	Unknown-1	5.26	13000	J
	C10H12/C10H14 Aromatics	5.36	12000	J
	Unknown Alkane-2	5.64	44000	J
	Unknown Alkane-3	5.72	20000	J
	Unknown Alkane-5	6.09	20000	J
	Unknown Alkane-6	6.26	16000	J
90-12-0	1-Methylnaphthalene	6.44	15000	
	Unknown-2	6.56	14000	J
	Unknown Alkane-8	6.69	16000	J
	Unknown Alkane-9	6.83	25000	J
	Dimethylnaphthalene isomer-1	6.97	11000	J
575-41-7	1,3-Dimethylnaphthalene	7.05	24000	
	Dimethylnaphthalene isomer-2	7.07	11000	J
	Unknown Alkane-10	7.15	30000	J
	Unknown Alkane-11	7.35	14000	J
	Trimethylnaphthalene isomer	7.59	12000	J
	Unknown Alkane-13	8.06	19000	J
	Unknown Alkane-14	8.32	56000	J
	Unknown Alkane-15	8.77	26000	J

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-5SI-E (10.5-11)**

Lab Sample ID: 460-24280-19 Date Sampled: 03/17/2011 1205
Client Matrix: Solid % Moisture: 14.0 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69824	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	u66485.d
Dilution:	5.0			Initial Weight/Volume:	15.00 g
Analysis Date:	04/05/2011 1343			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Phenol		1900	U	240	1900
2-Chlorophenol		1900	U	260	1900
2-Methylphenol		1900	U	280	1900
4-Methylphenol		1900	U	310	1900
Benzaldehyde		1900	U	120	1900
Acetophenone		1900	U	290	1900
Bis(2-chloroethyl)ether		190	U	40	190
2,2'-oxybis[1-chloropropane]		1900	U	250	1900
N-Nitrosodi-n-propylamine		190	U	25	190
Nitrobenzene		190	U	43	190
Hexachloroethane		190	U	32	190
Isophorone		1900	U	220	1900
2-Nitrophenol		1900	U	320	1900
2,4-Dimethylphenol		1900	U	310	1900
2,4-Dichlorophenol		1900	U	310	1900
Bis(2-chloroethoxy)methane		1900	U	270	1900
Naphthalene		11000		280	1900
4-Chloroaniline		1900	U	240	1900
Hexachlorobutadiene		390	U	78	390
Caprolactam		1900	U	260	1900
4-Chloro-3-methylphenol		1900	U	320	1900
2-Methylnaphthalene		28000		280	1900
Hexachlorobenzene		190	U	27	190
Hexachlorocyclopentadiene		1900	U	560	1900
2,4,6-Trichlorophenol		1900	U	340	1900
2,4,5-Trichlorophenol		1900	U	370	1900
Diphenyl		2600		320	1900
2-Chloronaphthalene		1900	U	270	1900
2-Nitroaniline		3900	U	530	3900
2,6-Dinitrotoluene		390	U	49	390
Dimethyl phthalate		1900	U	260	1900
Acenaphthylene		1900	U	270	1900
3-Nitroaniline		3900	U	430	3900
Acenaphthene		1400	J	270	1900
4-Nitrophenol		5800	U	490	5800
2,4-Dinitrophenol		5800	U	410	5800
Dibenzofuran		1900	U	290	1900
Diethyl phthalate		1900	U	260	1900
Fluorene		2300		330	1900
Fluoranthene		1900	U	320	1900
Di-n-butyl phthalate		1900	U	290	1900
2,4-Dinitrotoluene		390	U	56	390
4-Chlorophenyl phenyl ether		1900	U	330	1900
4-Nitroaniline		3900	U	400	3900
4,6-Dinitro-2-methylphenol		5800	U	920	5800
4-Bromophenyl phenyl ether		1900	U	340	1900

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-5SI-E (10.5-11)**

Lab Sample ID: 460-24280-19 Date Sampled: 03/17/2011 1205
Client Matrix: Solid % Moisture: 14.0 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69824	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	u66485.d
Dilution:	5.0			Initial Weight/Volume:	15.00 g
Analysis Date:	04/05/2011 1343			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Atrazine		1900	U	360	1900
Anthracene		1900	U	340	1900
Carbazole		1900	U	310	1900
Phenanthrene		5400		340	1900
Pentachlorophenol		5800	U	940	5800
Pyrene		1900	U	330	1900
Chrysene		1900	U	280	1900
Benzo[k]fluoranthene		190	U	27	190
Benzo[g,h,i]perylene		1900	U	200	1900
Benzo[b]fluoranthene		190	U	29	190
Benzo[a]pyrene		190	U	24	190
Benzo[a]anthracene		190	U	36	190
N-Nitrosodiphenylamine		1900	U	310	1900
Butyl benzyl phthalate		1900	U	220	1900
Bis(2-ethylhexyl) phthalate		1900	U	260	1900
Di-n-octyl phthalate		1900	U	230	1900
Indeno[1,2,3-cd]pyrene		190	U	31	190
Dibenz(a,h)anthracene		190	U	23	190
3,3'-Dichlorobenzidine		3900	U	430	3900
1,2,4,5-Tetrachlorobenzene		1900	U	260	1900
2,3,4,6-Tetrachlorophenol		1900	U	380	1900

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	125	X	38 - 105
Phenol-d5	87		41 - 118
Terphenyl-d14	82		16 - 151
2,4,6-Tribromophenol	77		10 - 120
2-Fluorophenol	84		37 - 125
2-Fluorobiphenyl	96		40 - 109

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-5SI-E (10.5-11)**

Lab Sample ID: 460-24280-19 Date Sampled: 03/17/2011 1205
Client Matrix: Solid % Moisture: 14.0 Date Received: 03/18/2011 1645

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-69824	Instrument ID:	BNAMS4
Prep Method:	3541	Prep Batch:	460-68998	Lab File ID:	u66485.d
Dilution:	5.0			Initial Weight/Volume:	15.00 g
Analysis Date:	04/05/2011 1343			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **20**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Ethyldimethylbenzene isomer	4.87	14000	J
	Unknown Alkane-1	4.95	19000	J
	Decahydromethylnaphthalene isomer	5.26	16000	J
	C10H12/C10H14 Aromatics	5.37	14000	J
	Unknown Alkane-2	5.72	20000	J
	Unknown Alkane-3	6.09	20000	J
	Unknown Alkane-4	6.26	14000	J
90-12-0	1-Methylnaphthalene	6.45	18000	
	Unknown Cycloalkane	6.56	13000	J
	Unknown Alkane-5	6.69	17000	J
	Unknown Alkane-6	6.83	23000	J
	Dimethylnaphthalene isomer	6.97	11000	J
575-41-7	1,3-Dimethylnaphthalene	7.05	27000	
	Unknown Alkane-8	7.15	31000	J
	Unknown Alkane-9	7.35	15000	J
	Trimethylnaphthalene isomer-2	7.59	12000	J
	Unknown Alkane-10	7.84	11000	J
	Unknown Alkane-11	8.06	20000	J
	Unknown Alkane-12	8.33	58000	J
	Unknown Alkane-13	8.78	28000	J

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-25-VS-E (1-3)**

Lab Sample ID: 460-24280-1 Date Sampled: 03/17/2011 0904
Client Matrix: Solid % Moisture: 6.9 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69079	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 0257			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		72	U	14	72
Aroclor 1221		72	U	22	72
Aroclor 1232		72	U	41	72
Aroclor 1242		48	J	14	72
Aroclor 1248		72	U	19	72
Aroclor 1254		72	U	25	72
Aroclor 1260		25	J	8.0	72
Aroclor 1262		72	U	12	72
Aroclor 1268		72	U	12	72

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	125		30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-25-VS-E (1-3)**

Lab Sample ID: 460-24280-1 Date Sampled: 03/17/2011 0904
Client Matrix: Solid % Moisture: 6.9 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69079	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 0257			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	116		30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-25-VD-E (3-5)**

Lab Sample ID: 460-24280-2 Date Sampled: 03/17/2011 0909
Client Matrix: Solid % Moisture: 4.8 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69079	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 0313			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		70	U	13	70
Aroclor 1221		70	U	21	70
Aroclor 1232		70	U	40	70
Aroclor 1242		70	U	13	70
Aroclor 1248		70	U	19	70
Aroclor 1254		70	U	24	70
Aroclor 1260		70	U	7.8	70
Aroclor 1262		70	U	12	70
Aroclor 1268		70	U	12	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	133		30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-25-VD-E (3-5)**

Lab Sample ID: 460-24280-2 Date Sampled: 03/17/2011 0909
Client Matrix: Solid % Moisture: 4.8 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69079	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 0313			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	124		30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-25-WT-E (7.5-9.5)**

Lab Sample ID: 460-24280-3 Date Sampled: 03/17/2011 0915
Client Matrix: Solid % Moisture: 15.4 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69079	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 0330			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		79	U	15	79
Aroclor 1221		79	U	24	79
Aroclor 1232		79	U	45	79
Aroclor 1242		25	J	15	79
Aroclor 1248		79	U	21	79
Aroclor 1254		79	U	27	79
Aroclor 1260		79	U	8.8	79
Aroclor 1262		79	U	14	79
Aroclor 1268		79	U	14	79

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	132		30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-25-WT-E (7.5-9.5)**

Lab Sample ID: 460-24280-3 Date Sampled: 03/17/2011 0915
Client Matrix: Solid % Moisture: 15.4 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69079	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 0330			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	122		30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-21-VD-E (3.5-4)**

Lab Sample ID: 460-24280-4 Date Sampled: 03/17/2011 0920
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69079	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 0354			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		71	U	14	71
Aroclor 1221		71	U	21	71
Aroclor 1232		71	U	40	71
Aroclor 1242		71	U	13	71
Aroclor 1248		71	U	19	71
Aroclor 1254		71	U	24	71
Aroclor 1260		71	U	7.9	71
Aroclor 1262		71	U	12	71
Aroclor 1268		71	U	12	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	135		30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-21-VD-E (3.5-4)**

Lab Sample ID: 460-24280-4 Date Sampled: 03/17/2011 0920
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69079	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 0354			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	126		30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-21-WT-E (8-8.5)**

Lab Sample ID: 460-24280-5 Date Sampled: 03/17/2011 0925
Client Matrix: Solid % Moisture: 15.6 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69079	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 0411			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		79	U	15	79
Aroclor 1221		79	U	24	79
Aroclor 1232		79	U	45	79
Aroclor 1242		79	U	15	79
Aroclor 1248		79	U	21	79
Aroclor 1254		79	U	27	79
Aroclor 1260		28	J	8.8	79
Aroclor 1262		79	U	14	79
Aroclor 1268		79	U	14	79

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	138		30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-21-WT-E (8-8.5)**

Lab Sample ID: 460-24280-5 Date Sampled: 03/17/2011 0925
Client Matrix: Solid % Moisture: 15.6 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69079	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 0411			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	128		30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-21-SI-E (10.5-11)**

Lab Sample ID: 460-24280-6 Date Sampled: 03/17/2011 0930
Client Matrix: Solid % Moisture: 14.2 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69079	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 0427			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		78	U	15	78
Aroclor 1221		78	U	23	78
Aroclor 1232		78	U	44	78
Aroclor 1242		78	U	15	78
Aroclor 1248		78	U	21	78
Aroclor 1254		78	U	27	78
Aroclor 1260		78	U	8.7	78
Aroclor 1262		78	U	13	78
Aroclor 1268		78	U	13	78

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	127		30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-21-SI-E (10.5-11)**

Lab Sample ID: 460-24280-6 Date Sampled: 03/17/2011 0930
Client Matrix: Solid % Moisture: 14.2 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69079	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.05 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 0427			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	119		30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-1-VD-E (3.5-4.0)**

Lab Sample ID: 460-24280-7 Date Sampled: 03/17/2011 0940
Client Matrix: Solid % Moisture: 4.8 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69079	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 0443			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		70	U	13	70
Aroclor 1221		70	U	21	70
Aroclor 1232		70	U	40	70
Aroclor 1242		70	U	13	70
Aroclor 1248		70	U	19	70
Aroclor 1254		70	U	24	70
Aroclor 1260		70	U	7.8	70
Aroclor 1262		70	U	12	70
Aroclor 1268		70	U	12	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	139		30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-1-VD-E (3.5-4.0)**

Lab Sample ID: 460-24280-7 Date Sampled: 03/17/2011 0940
Client Matrix: Solid % Moisture: 4.8 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69079	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.01 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 0443			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	130		30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-1-WT-E (8-8.5)**

Lab Sample ID: 460-24280-8 Date Sampled: 03/17/2011 0945
Client Matrix: Solid % Moisture: 11.3 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69079	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 0459			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		76	U	14	76
Aroclor 1221		76	U	23	76
Aroclor 1232		76	U	43	76
Aroclor 1242		76	U	14	76
Aroclor 1248		76	U	20	76
Aroclor 1254		76	U	26	76
Aroclor 1260		76	U	8.4	76
Aroclor 1262		76	U	13	76
Aroclor 1268		76	U	13	76

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	122		30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-1-WT-E (8-8.5)**

Lab Sample ID: 460-24280-8 Date Sampled: 03/17/2011 0945
Client Matrix: Solid % Moisture: 11.3 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69079	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 0459			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	113		30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-1-SI-E (10.5-11.0)**

Lab Sample ID: 460-24280-9 Date Sampled: 03/17/2011 0950
Client Matrix: Solid % Moisture: 13.4 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69079	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 0515			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		77	U	15	77
Aroclor 1221		77	U	23	77
Aroclor 1232		77	U	44	77
Aroclor 1242		77	U	15	77
Aroclor 1248		77	U	21	77
Aroclor 1254		77	U	26	77
Aroclor 1260		77	U	8.6	77
Aroclor 1262		77	U	13	77
Aroclor 1268		77	U	13	77

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	132		30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-1-SI-E (10.5-11.0)**

Lab Sample ID: 460-24280-9 Date Sampled: 03/17/2011 0950
Client Matrix: Solid % Moisture: 13.4 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69079	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.02 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 0515			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	124		30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-VS-E (1-3)**

Lab Sample ID: 460-24280-10 Date Sampled: 03/17/2011 1025
Client Matrix: Solid % Moisture: 8.5 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69122	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.03 g
Dilution:	2500			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 1601			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		180000	U	35000	180000
Aroclor 1221		180000	U	55000	180000
Aroclor 1232		180000	U	100000	180000
Aroclor 1242		2800000		35000	180000
Aroclor 1248		180000	U	49000	180000
Aroclor 1254		180000	U	62000	180000
Aroclor 1260		180000	U	20000	180000
Aroclor 1262		180000	U	31000	180000
Aroclor 1268		180000	U	31000	180000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-VS-E (1-3)**

Lab Sample ID: 460-24280-10 Date Sampled: 03/17/2011 1025
Client Matrix: Solid % Moisture: 8.5 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69122	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.03 g
Dilution:	2500			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 1601			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-VD-E (4.5-6.5)**

Lab Sample ID: 460-24280-11 Date Sampled: 03/17/2011 1030
Client Matrix: Solid % Moisture: 10.6 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69122	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.04 g
Dilution:	10000			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 1618			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		750000	U	140000	750000
Aroclor 1221		750000	U	230000	750000
Aroclor 1232		750000	U	420000	750000
Aroclor 1242		14000000		140000	750000
Aroclor 1248		750000	U	200000	750000
Aroclor 1254		750000	U	260000	750000
Aroclor 1260		750000	U	83000	750000
Aroclor 1262		750000	U	130000	750000
Aroclor 1268		750000	U	130000	750000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-VD-E (4.5-6.5)**

Lab Sample ID: 460-24280-11 Date Sampled: 03/17/2011 1030
Client Matrix: Solid % Moisture: 10.6 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69122	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.04 g
Dilution:	10000			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 1618			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-WT-E (6.5-8.5)**

Lab Sample ID: 460-24280-12 Date Sampled: 03/17/2011 1035
Client Matrix: Solid % Moisture: 9.7 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69122	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.02 g
Dilution:	10000			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 1634			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		740000	U	140000	740000
Aroclor 1221		740000	U	220000	740000
Aroclor 1232		740000	U	420000	740000
Aroclor 1242		10000000		140000	740000
Aroclor 1248		740000	U	200000	740000
Aroclor 1254		740000	U	250000	740000
Aroclor 1260		740000	U	83000	740000
Aroclor 1262		740000	U	130000	740000
Aroclor 1268		740000	U	130000	740000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-WT-E (6.5-8.5)**

Lab Sample ID: 460-24280-12 Date Sampled: 03/17/2011 1035
Client Matrix: Solid % Moisture: 9.7 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69122	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.02 g
Dilution:	10000			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 1634			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-SI-E (10.5-12.5)**

Lab Sample ID: 460-24280-13 Date Sampled: 03/17/2011 1040
Client Matrix: Solid % Moisture: 14.1 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69122	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.00 g
Dilution:	1000			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 1545			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		78000	U	15000	78000
Aroclor 1221		78000	U	24000	78000
Aroclor 1232		78000	U	44000	78000
Aroclor 1242		870000		15000	78000
Aroclor 1248		78000	U	21000	78000
Aroclor 1254		78000	U	27000	78000
Aroclor 1260		78000	U	8700	78000
Aroclor 1262		78000	U	13000	78000
Aroclor 1268		78000	U	13000	78000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-SI-E (10.5-12.5)**

Lab Sample ID: 460-24280-13 Date Sampled: 03/17/2011 1040
Client Matrix: Solid % Moisture: 14.1 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69122	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.00 g
Dilution:	1000			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 1545			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-2-VD-E (3.5-4.0)**

Lab Sample ID: 460-24280-14 Date Sampled: 03/17/2011 1119
Client Matrix: Solid % Moisture: 4.1 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69122	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.01 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 1322			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		700	U	130	700
Aroclor 1221		700	U	210	700
Aroclor 1232		700	U	400	700
Aroclor 1242		9400		130	700
Aroclor 1248		700	U	190	700
Aroclor 1254		700	U	240	700
Aroclor 1260		700	U	78	700
Aroclor 1262		700	U	120	700
Aroclor 1268		700	U	120	700

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-2-VD-E (3.5-4.0)**

Lab Sample ID: 460-24280-14 Date Sampled: 03/17/2011 1119
Client Matrix: Solid % Moisture: 4.1 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69122	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.01 g
Dilution:	10			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 1322			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-2WT-E (8.0-8.5)**

Lab Sample ID: 460-24280-15 Date Sampled: 03/17/2011 1125
Client Matrix: Solid % Moisture: 3.6 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69122	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.03 g
Dilution:	500			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 1528			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		35000	U	6600	35000
Aroclor 1221		35000	U	10000	35000
Aroclor 1232		35000	U	20000	35000
Aroclor 1242		500000		6600	35000
Aroclor 1248		35000	U	9200	35000
Aroclor 1254		35000	U	12000	35000
Aroclor 1260		120000		3900	35000
Aroclor 1262		35000	U	6000	35000
Aroclor 1268		35000	U	6000	35000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-2WT-E (8.0-8.5)**

Lab Sample ID: 460-24280-15 Date Sampled: 03/17/2011 1125
Client Matrix: Solid % Moisture: 3.6 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69122	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.03 g
Dilution:	500			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 1528			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-2-SI-E (10.5-11.0)**

Lab Sample ID: 460-24280-16 Date Sampled: 03/17/2011 1130
Client Matrix: Solid % Moisture: 12.8 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69122	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.02 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 1355			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		3800	U	730	3800
Aroclor 1221		3800	U	1200	3800
Aroclor 1232		3800	U	2200	3800
Aroclor 1242		60000		730	3800
Aroclor 1248		3800	U	1000	3800
Aroclor 1254		3800	U	1300	3800
Aroclor 1260		13000		430	3800
Aroclor 1262		3800	U	660	3800
Aroclor 1268		3800	U	660	3800

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-2-SI-E (10.5-11.0)**

Lab Sample ID: 460-24280-16 Date Sampled: 03/17/2011 1130
Client Matrix: Solid % Moisture: 12.8 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69122	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.02 g
Dilution:	50			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 1355			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	D X	30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-5-VD-E (3.5-4)**

Lab Sample ID: 460-24280-17 Date Sampled: 03/17/2011 1155
Client Matrix: Solid % Moisture: 3.4 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69083	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 0831			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		69	U	13	69
Aroclor 1221		69	U	21	69
Aroclor 1232		69	U	39	69
Aroclor 1242		130		13	69
Aroclor 1248		69	U	18	69
Aroclor 1254		69	U	24	69
Aroclor 1260		69	U	7.7	69
Aroclor 1262		69	U	12	69
Aroclor 1268		69	U	12	69

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	132		30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-5-VD-E (3.5-4)**

Lab Sample ID: 460-24280-17 Date Sampled: 03/17/2011 1155
Client Matrix: Solid % Moisture: 3.4 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69083	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.03 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	03/31/2011 0831			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	126		30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-5-WT-E (8-8.5)**

Lab Sample ID: 460-24280-18 Date Sampled: 03/17/2011 1200
Client Matrix: Solid % Moisture: 5.6 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69162	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.05 g
Dilution:	250			Final Weight/Volume:	10 mL
Analysis Date:	04/01/2011 0337			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		18000	U	3400	18000
Aroclor 1221		18000	U	5300	18000
Aroclor 1232		18000	U	10000	18000
Aroclor 1242		270000		3400	18000
Aroclor 1248		18000	U	4700	18000
Aroclor 1254		18000	U	6000	18000
Aroclor 1260		53000		2000	18000
Aroclor 1262		18000	U	3000	18000
Aroclor 1268		18000	U	3000	18000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-5-WT-E (8-8.5)**

Lab Sample ID: 460-24280-18 Date Sampled: 03/17/2011 1200
Client Matrix: Solid % Moisture: 5.6 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69162	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.05 g
Dilution:	250			Final Weight/Volume:	10 mL
Analysis Date:	04/01/2011 0337			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-5SI-E (10.5-11)**

Lab Sample ID: 460-24280-19 Date Sampled: 03/17/2011 1205
Client Matrix: Solid % Moisture: 14.0 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69162	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.00 g
Dilution:	250			Final Weight/Volume:	10 mL
Analysis Date:	04/01/2011 0354			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		19000	U	3700	19000
Aroclor 1221		19000	U	5900	19000
Aroclor 1232		19000	U	11000	19000
Aroclor 1242		200000		3700	19000
Aroclor 1248		19000	U	5200	19000
Aroclor 1254		19000	U	6700	19000
Aroclor 1260		37000		2200	19000
Aroclor 1262		19000	U	3300	19000
Aroclor 1268		19000	U	3300	19000

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-5SI-E (10.5-11)**

Lab Sample ID: 460-24280-19 Date Sampled: 03/17/2011 1205
Client Matrix: Solid % Moisture: 14.0 Date Received: 03/18/2011 1645

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082	Analysis Batch:	460-69162	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-68887	Initial Weight/Volume:	15.00 g
Dilution:	250			Final Weight/Volume:	10 mL
Analysis Date:	04/01/2011 0354			Injection Volume:	
Prep Date:	03/30/2011 0402			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	0	X D	30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-25-VS-E (1-3)**

Lab Sample ID: 460-24280-1 Date Sampled: 03/17/2011 0904
Client Matrix: Solid % Moisture: 6.9 Date Received: 03/18/2011 1645

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69393	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-68954	Lab File ID:	gcr60092.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	04/02/2011 1816			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			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	75		48 - 112
Chlorobenzene	66		32 - 106

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-25-VD-E (3-5)**

Lab Sample ID: 460-24280-2 Date Sampled: 03/17/2011 0909
Client Matrix: Solid % Moisture: 4.8 Date Received: 03/18/2011 1645

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69393	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-68954	Lab File ID:	gcr60093.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	04/02/2011 1831			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			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	72		48 - 112
Chlorobenzene	65		32 - 106

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-25-WT-E (7.5-9.5)**

Lab Sample ID: 460-24280-3 Date Sampled: 03/17/2011 0915
Client Matrix: Solid % Moisture: 15.4 Date Received: 03/18/2011 1645

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69393	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-68954	Lab File ID:	gcr60094.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	04/02/2011 1857			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.5	U	6.5	6.5

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	69		48 - 112
Chlorobenzene	64		32 - 106

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-21-VD-E (3.5-4)**

Lab Sample ID: 460-24280-4 Date Sampled: 03/17/2011 0920
Client Matrix: Solid % Moisture: 5.9 Date Received: 03/18/2011 1645

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69393	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-68954	Lab File ID:	gcr60095.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	04/02/2011 1905			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			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	71		48 - 112
Chlorobenzene	62		32 - 106

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-21-WT-E (8-8.5)**

Lab Sample ID: 460-24280-5 Date Sampled: 03/17/2011 0925
Client Matrix: Solid % Moisture: 15.6 Date Received: 03/18/2011 1645

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69393	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-68954	Lab File ID:	gcr60096.d
Dilution:	1.0			Initial Weight/Volume:	15.03 g
Analysis Date:	04/02/2011 1915			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.5	U	6.5	6.5

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	69		48 - 112
Chlorobenzene	62		32 - 106

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-21-SI-E (10.5-11)**

Lab Sample ID: 460-24280-6 Date Sampled: 03/17/2011 0930
Client Matrix: Solid % Moisture: 14.2 Date Received: 03/18/2011 1645

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69832	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-68954	Lab File ID:	gcr60535.d
Dilution:	1.0			Initial Weight/Volume:	15.00 g
Analysis Date:	04/07/2011 1303			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.4	U	6.4	6.4

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	79		48 - 112
Chlorobenzene	65		32 - 106

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-1-VD-E (3.5-4.0)**

Lab Sample ID: 460-24280-7 Date Sampled: 03/17/2011 0940
Client Matrix: Solid % Moisture: 4.8 Date Received: 03/18/2011 1645

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69832	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-68954	Lab File ID:	gcr60536.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	04/07/2011 1317			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			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	79		48 - 112
Chlorobenzene	66		32 - 106

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-1-WT-E (8-8.5)**

Lab Sample ID: 460-24280-8 Date Sampled: 03/17/2011 0945
Client Matrix: Solid % Moisture: 11.3 Date Received: 03/18/2011 1645

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69832	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-68954	Lab File ID:	gcr60541.d
Dilution:	1.0			Initial Weight/Volume:	15.01 g
Analysis Date:	04/07/2011 1422			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		7.5		6.2	6.2

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	76		48 - 112
Chlorobenzene	63		32 - 106

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-1-SI-E (10.5-11.0)**

Lab Sample ID: 460-24280-9 Date Sampled: 03/17/2011 0950
Client Matrix: Solid % Moisture: 13.4 Date Received: 03/18/2011 1645

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69393	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-68954	Lab File ID:	gcr60102.d
Dilution:	1.0			Initial Weight/Volume:	14.99 g
Analysis Date:	04/02/2011 2051			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		6.4	U	6.4	6.4

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	70		48 - 112
Chlorobenzene	66		32 - 106

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-VS-E (1-3)**

Lab Sample ID: 460-24280-10 Date Sampled: 03/17/2011 1025
Client Matrix: Solid % Moisture: 8.5 Date Received: 03/18/2011 1645

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69502	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-68954	Lab File ID:	gcr60347.d
Dilution:	5.0			Initial Weight/Volume:	15.00 g
Analysis Date:	04/05/2011 1439			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		860		30	30

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	1438	X	48 - 112
Chlorobenzene	60		32 - 106

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-VD-E (4.5-6.5)**

Lab Sample ID: 460-24280-11 Date Sampled: 03/17/2011 1030
Client Matrix: Solid % Moisture: 10.6 Date Received: 03/18/2011 1645

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69502	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-68954	Lab File ID:	gcr60348.d
Dilution:	20			Initial Weight/Volume:	15.00 g
Analysis Date:	04/05/2011 1454			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		4500		120	120

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-WT-E (6.5-8.5)**

Lab Sample ID: 460-24280-12 Date Sampled: 03/17/2011 1035
Client Matrix: Solid % Moisture: 9.7 Date Received: 03/18/2011 1645

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69502	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-68954	Lab File ID:	gcr60351.d
Dilution:	5.0			Initial Weight/Volume:	15.05 g
Analysis Date:	04/05/2011 1536			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		1300		30	30

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	18	X	48 - 112
Chlorobenzene	65		32 - 106

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-24-SI-E (10.5-12.5)**

Lab Sample ID: 460-24280-13 Date Sampled: 03/17/2011 1040
Client Matrix: Solid % Moisture: 14.1 Date Received: 03/18/2011 1645

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69502	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-68954	Lab File ID:	gcr60352.d
Dilution:	5.0			Initial Weight/Volume:	15.02 g
Analysis Date:	04/05/2011 1545			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			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	19	X	48 - 112
Chlorobenzene	59		32 - 106

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-2-VD-E (3.5-4.0)**

Lab Sample ID: 460-24280-14 Date Sampled: 03/17/2011 1119
Client Matrix: Solid % Moisture: 4.1 Date Received: 03/18/2011 1645

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69502	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-68954	Lab File ID:	gcr60353.d
Dilution:	2.0			Initial Weight/Volume:	15.01 g
Analysis Date:	04/05/2011 1602			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		520		11	11

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	95		48 - 112
Chlorobenzene	56		32 - 106

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-2WT-E (8.0-8.5)**

Lab Sample ID: 460-24280-15 Date Sampled: 03/17/2011 1125
Client Matrix: Solid % Moisture: 3.6 Date Received: 03/18/2011 1645

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69502	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-68954	Lab File ID:	gcr60354.d
Dilution:	20			Initial Weight/Volume:	15.03 g
Analysis Date:	04/05/2011 1616			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		4200		110	110

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	0	X D	48 - 112
Chlorobenzene	0	X D	32 - 106

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-2-SI-E (10.5-11.0)**

Lab Sample ID: 460-24280-16 Date Sampled: 03/17/2011 1130
Client Matrix: Solid % Moisture: 12.8 Date Received: 03/18/2011 1645

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69502	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-68954	Lab File ID:	gcr60355.d
Dilution:	5.0			Initial Weight/Volume:	15.00 g
Analysis Date:	04/05/2011 1641			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		1100		32	32

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	42	X	48 - 112
Chlorobenzene	57		32 - 106

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-5-VD-E (3.5-4)**

Lab Sample ID: 460-24280-17 Date Sampled: 03/17/2011 1155
Client Matrix: Solid % Moisture: 3.4 Date Received: 03/18/2011 1645

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69780	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-68954	Lab File ID:	gcr60432.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	04/06/2011 1212			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		9.7		5.7	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	81		48 - 112
Chlorobenzene	69		32 - 106

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-5-WT-E (8-8.5)**

Lab Sample ID: 460-24280-18 Date Sampled: 03/17/2011 1200
Client Matrix: Solid % Moisture: 5.6 Date Received: 03/18/2011 1645

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69502	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-68966	Lab File ID:	gcr60340.d
Dilution:	5.0			Initial Weight/Volume:	15.03 g
Analysis Date:	04/05/2011 1249			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		660	*	29	29

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	63		48 - 112
Chlorobenzene	64		32 - 106

Client: Antea USA, Inc. Job Number: 460-24280-1

Client Sample ID: **PMP-5SI-E (10.5-11)**

Lab Sample ID: 460-24280-19 Date Sampled: 03/17/2011 1205
Client Matrix: Solid % Moisture: 14.0 Date Received: 03/18/2011 1645

NJ-OQA-QAM-025 New Jersey - Total petroleum Hydrocarbons (GC)

Analysis Method:	NJ-OQA-QAM-025	Analysis Batch:	460-69502	Instrument ID:	BNAGC1
Prep Method:	3546	Prep Batch:	460-68966	Lab File ID:	gcr60412.d
Dilution:	5.0			Initial Weight/Volume:	15.05 g
Analysis Date:	04/06/2011 0720			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	RL	RL
Total Petroleum Hydrocarbons (C8-C40)		1100	*	32	32

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	61		48 - 112
Chlorobenzene	59		32 - 106

General Chemistry

Client Sample ID: **PMP-25-VS-E (1-3)**

Lab Sample ID: 460-24280-1 Date Sampled: 03/17/2011 0904
Client Matrix: Solid Date Received: 03/18/2011 1645

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68663	Analysis Date: 03/28/2011 0848						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	6.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1133						DryWt Corrected: N
Percent Solids	93.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1133						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-25-VD-E (3-5)**

Lab Sample ID: 460-24280-2 Date Sampled: 03/17/2011 0909

Client Matrix: Solid Date Received: 03/18/2011 1645

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68663	Analysis Date: 03/28/2011 0848						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	4.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1133						DryWt Corrected: N
Percent Solids	95.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1133						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-25-WT-E (7.5-9.5)**

Lab Sample ID: 460-24280-3 Date Sampled: 03/17/2011 0915
Client Matrix: Solid Date Received: 03/18/2011 1645

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68663	Analysis Date: 03/28/2011 0848						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	15.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1133						DryWt Corrected: N
Percent Solids	84.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1133						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-21-VD-E (3.5-4)**

Lab Sample ID: 460-24280-4 Date Sampled: 03/17/2011 0920
Client Matrix: Solid Date Received: 03/18/2011 1645

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68663	Analysis Date: 03/28/2011 0848						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	5.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1133						DryWt Corrected: N
Percent Solids	94.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1133						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-21-WT-E (8-8.5)**

Lab Sample ID: 460-24280-5 Date Sampled: 03/17/2011 0925
Client Matrix: Solid Date Received: 03/18/2011 1645

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68663	Analysis Date: 03/28/2011 0848						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	15.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1133						DryWt Corrected: N
Percent Solids	84.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1133						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-21-SI-E (10.5-11)**

Lab Sample ID: 460-24280-6 Date Sampled: 03/17/2011 0930

Client Matrix: Solid Date Received: 03/18/2011 1645

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68663	Analysis Date: 03/28/2011 0848						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1133						DryWt Corrected: N
Percent Solids	85.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1133						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-1-VD-E (3.5-4.0)**

Lab Sample ID: 460-24280-7 Date Sampled: 03/17/2011 0940
Client Matrix: Solid Date Received: 03/18/2011 1645

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	25.0	J	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68663	Analysis Date: 03/28/2011 0850						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	4.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1133						DryWt Corrected: N
Percent Solids	95.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1133						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-1-WT-E (8-8.5)**

Lab Sample ID: 460-24280-8 Date Sampled: 03/17/2011 0945
Client Matrix: Solid Date Received: 03/18/2011 1645

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	23.5	J	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68663	Analysis Date: 03/28/2011 0850						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1133						DryWt Corrected: N
Percent Solids	88.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1133						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-1-SI-E (10.5-11.0)**

Lab Sample ID: 460-24280-9 Date Sampled: 03/17/2011 0950

Client Matrix: Solid Date Received: 03/18/2011 1645

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68688	Analysis Date: 03/28/2011 1057						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1133						DryWt Corrected: N
Percent Solids	86.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1133						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-24-VS-E (1-3)**

Lab Sample ID: 460-24280-10 Date Sampled: 03/17/2011 1025
Client Matrix: Solid Date Received: 03/18/2011 1645

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68803	Analysis Date: 03/29/2011 0950						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	8.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1133						DryWt Corrected: N
Percent Solids	91.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1133						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-24-VD-E (4.5-6.5)**

Lab Sample ID: 460-24280-11 Date Sampled: 03/17/2011 1030
Client Matrix: Solid Date Received: 03/18/2011 1645

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68803	Analysis Date: 03/29/2011 0950						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	10.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1133						DryWt Corrected: N
Percent Solids	89.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1133						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-24-WT-E (6.5-8.5)**

Lab Sample ID: 460-24280-12 Date Sampled: 03/17/2011 1035

Client Matrix: Solid Date Received: 03/18/2011 1645

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68803	Analysis Date: 03/29/2011 0950						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	9.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1133						DryWt Corrected: N
Percent Solids	90.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1133						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-24-SI-E (10.5-12.5)**

Lab Sample ID: 460-24280-13 Date Sampled: 03/17/2011 1040

Client Matrix: Solid Date Received: 03/18/2011 1645

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68803	Analysis Date: 03/29/2011 0950						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1133						DryWt Corrected: N
Percent Solids	85.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1133						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-2-VD-E (3.5-4.0)**

Lab Sample ID: 460-24280-14 Date Sampled: 03/17/2011 1119
Client Matrix: Solid Date Received: 03/18/2011 1645

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68803	Analysis Date: 03/29/2011 0950						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	4.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1133						DryWt Corrected: N
Percent Solids	95.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1133						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-2WT-E (8.0-8.5)**

Lab Sample ID: 460-24280-15 Date Sampled: 03/17/2011 1125
Client Matrix: Solid Date Received: 03/18/2011 1645

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68803	Analysis Date: 03/29/2011 0950						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	3.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1133						DryWt Corrected: N
Percent Solids	96.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1133						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-2-SI-E (10.5-11.0)**

Lab Sample ID: 460-24280-16 Date Sampled: 03/17/2011 1130

Client Matrix: Solid Date Received: 03/18/2011 1645

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	20.0	J	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68803	Analysis Date: 03/29/2011 0950						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1134						DryWt Corrected: N
Percent Solids	87.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1134						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-5-VD-E (3.5-4)**

Lab Sample ID: 460-24280-17 Date Sampled: 03/17/2011 1155

Client Matrix: Solid Date Received: 03/18/2011 1645

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68803	Analysis Date: 03/29/2011 0955						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	3.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1134						DryWt Corrected: N
Percent Solids	96.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1134						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-5-WT-E (8-8.5)**

Lab Sample ID: 460-24280-18 Date Sampled: 03/17/2011 1200
Client Matrix: Solid Date Received: 03/18/2011 1645

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68803	Analysis Date: 03/29/2011 0955						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	5.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1134						DryWt Corrected: N
Percent Solids	94.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1134						DryWt Corrected: N

General Chemistry

Client Sample ID: **PMP-5SI-E (10.5-11)**

Lab Sample ID: 460-24280-19 Date Sampled: 03/17/2011 1205

Client Matrix: Solid Date Received: 03/18/2011 1645

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
Total Chloride	100	U	mg/Kg	19.7	100	1.0	9251
Analysis Batch: 460-68803	Analysis Date: 03/29/2011 0955						DryWt Corrected: N

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1134						DryWt Corrected: N
Percent Solids	86.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-68119	Analysis Date: 03/22/2011 1134						DryWt Corrected: N

Client: Antea USA, Inc.

Job Number: 460-24280-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-24280-1	PMP-25-VS-E (1-3)	95	90	96
460-24280-2	PMP-25-VD-E (3-5)	93	90	96
460-24280-3	PMP-25-WT-E (7.5-9.5)	94	90	94
460-24280-4	PMP-21-VD-E (3.5-4)	77	71	74
460-24280-5	PMP-21-WT-E (8-8.5)	93	89	94
460-24280-6	PMP-21-SI-E (10.5-11)	94	91	94
460-24280-7	PMP-1-VD-E (3.5-4.0)	92	88	93
460-24280-8	PMP-1-WT-E (8-8.5)	94	90	95
460-24280-9	PMP-1-SI-E (10.5-11.0)	103	109	106
460-24280-17	PMP-5-VD-E (3.5-4)	95	90	93
MB 460-68728/5		92	88	93
MB 460-69040/5		100	108	106
LCS 460-68728/3		93	90	96
LCS 460-69040/3		101	107	108
LCSD 460-68728/4		74	72	77
LCSD 460-69040/4		100	109	106

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-138
TOL = Toluene-d8 (Surr)	66-126
BFB = Bromofluorobenzene	72-132

Client: Antea USA, Inc.

Job Number: 460-24280-1

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-24280-10	PMP-24-VS-E (1-3)	70	71	88
460-24280-11	PMP-24-VD-E (4.5-6.5)	66	69	80
460-24280-12	PMP-24-WT-E (6.5-8.5)	84	103	123
460-24280-13	PMP-24-SI-E (10.5-12.5)	108	105	117
460-24280-14	PMP-2-VD-E (3.5-4.0)	68	67	85
460-24280-15	PMP-2WT-E (8.0-8.5)	65	66	80
460-24280-16	PMP-2-SI-E (10.5-11.0)	93	81	105
460-24280-18	PMP-5-WT-E (8-8.5)	67	68	83
460-24280-19	PMP-5SI-E (10.5-11)	62	68	80
MB 460-68934/4		71	81	110
MB 460-69082/4		86	93	96
LCS 460-68934/3		79	91	120
LCS 460-69082/3		97	101	105
460-24265-D-6-A MS		70	80	106
460-24265-D-6-A MSD		70	84	111

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	57-135
TOL = Toluene-d8 (Surr)	46-130
BFB = Bromofluorobenzene	50-124

Client: Antea USA, Inc. Job Number: 460-24280-1

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-24280-1	PMP-25-VS-E (1-3)	78	75	85	85	79	90
460-24280-2	PMP-25-VD-E (3-5)	78	77	82	82	73	80
460-24280-3	PMP-25-WT-E (7.5-9.5)	74	69	78	77	67	78
460-24280-4	PMP-21-VD-E (3.5-4)	71	69	73	75	65	76
460-24280-5	PMP-21-WT-E (8-8.5)	75	72	79	79	60	81
460-24280-6	PMP-21-SI-E (10.5-11)	74	68	79	78	66	86
460-24280-7	PMP-1-VD-E (3.5-4.0)	75	70	75	78	62	78
460-24280-8	PMP-1-WT-E (8-8.5)	77	72	79	82	60	76
460-24280-9	PMP-1-SI-E (10.5-11.0)	79	76	78	77	68	81
460-24280-10	PMP-24-VS-E (1-3)	85	89	82	86	78	79
460-24280-11	PMP-24-VD-E (4.5-6.5)	90	91	88	99	108	93
460-24280-12	PMP-24-WT-E (6.5-8.5)	95	93	109X	104	86	94
460-24280-13	PMP-24-SI-E (10.5-12.5)	70	75	110X	97	77	85
460-24280-14	PMP-2-VD-E (3.5-4.0)	77	72	81	84	78	81
460-24280-15 DL	PMP-2WT-E (8.0-8.5) DL	0D	0D	0D	0D	0D	0D
460-24280-16	PMP-2-SI-E (10.5-11.0)	77	80	127X	96	75	66
460-24280-17	PMP-5-VD-E (3.5-4)	62	73	76	72	63	70
460-24280-18	PMP-5-WT-E (8-8.5)	87	94	123X	101	78	79
460-24280-19	PMP-5SI-E (10.5-11)	84	87	125X	96	77	82
MB 460-68998/1-A		83	82	86	85	75	77
LCS 460-68998/2-A		79	78	85	86	83	78
460-24280-4 MS	PMP-21-VD-E (3.5-4) MS	79	78	85	86	80	80
460-24280-4 MSD	PMP-21-VD-E (3.5-4) MSD	77	75	83	83	79	80

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

Client: Antea USA, Inc. Job Number: 460-24280-1

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-24280-1	PMP-25-VS-E (1-3)	125	116
460-24280-2	PMP-25-VD-E (3-5)	133	124
460-24280-3	PMP-25-WT-E (7.5-9.5)	132	122
460-24280-4	PMP-21-VD-E (3.5-4)	135	126
460-24280-5	PMP-21-WT-E (8-8.5)	138	128
460-24280-6	PMP-21-SI-E (10.5-11)	127	119
460-24280-7	PMP-1-VD-E (3.5-4.0)	139	130
460-24280-8	PMP-1-WT-E (8-8.5)	122	113
460-24280-9	PMP-1-SI-E (10.5-11.0)	132	124
460-24280-10	PMP-24-VS-E (1-3)	0D X	0D X
460-24280-11	PMP-24-VD-E (4.5-6.5)	0D X	0D X
460-24280-12	PMP-24-WT-E (6.5-8.5)	0D X	0D X
460-24280-13	PMP-24-SI-E (10.5-12.5)	0D X	0D X
460-24280-14	PMP-2-VD-E (3.5-4.0)	0D X	0D X
460-24280-15	PMP-2WT-E (8.0-8.5)	0D X	0D X
460-24280-16	PMP-2-SI-E (10.5-11.0)	0D X	0D X
460-24280-17	PMP-5-VD-E (3.5-4)	132	126
460-24280-18	PMP-5-WT-E (8-8.5)	0X D	0X D
460-24280-19	PMP-5SI-E (10.5-11)	0X D	0X D
MB 460-68887/1-A		127	118
LCS 460-68887/2-A		142	133
460-24280-1 MS	PMP-25-VS-E (1-3) MS	148	136
460-24280-1 MSD	PMP-25-VS-E (1-3) MSD	125	115

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	30-150

Client: Antea USA, Inc. Job Number: 460-24280-1

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
460-24280-1	PMP-25-VS-E (1-3)	66	75
460-24280-2	PMP-25-VD-E (3-5)	65	72
460-24280-3	PMP-25-WT-E (7.5-9.5)	64	69
460-24280-4	PMP-21-VD-E (3.5-4)	62	71
460-24280-5	PMP-21-WT-E (8-8.5)	62	69
460-24280-6	PMP-21-SI-E (10.5-11)	65	79
460-24280-7	PMP-1-VD-E (3.5-4.0)	66	79
460-24280-8	PMP-1-WT-E (8-8.5)	63	76
460-24280-9	PMP-1-SI-E (10.5-11.0)	66	70
460-24280-10	PMP-24-VS-E (1-3)	60	1438X
460-24280-11	PMP-24-VD-E (4.5-6.5)	0X D	0X D
460-24280-12	PMP-24-WT-E (6.5-8.5)	65	18X
460-24280-13	PMP-24-SI-E (10.5-12.5)	59	19X
460-24280-14	PMP-2-VD-E (3.5-4.0)	56	95
460-24280-15	PMP-2WT-E (8.0-8.5)	0X D	0X D
460-24280-16	PMP-2-SI-E (10.5-11.0)	57	42X
460-24280-17	PMP-5-VD-E (3.5-4)	69	81
460-24280-18	PMP-5-WT-E (8-8.5)	64	63
460-24280-19	PMP-5SI-E (10.5-11)	59	61
MB 460-68954/1-A		67	71
MB 460-68966/1-A		65	71
LCS 460-68954/2-A		55	84
LCS 460-68966/2-A		55	75
460-24280-17 MS	PMP-5-VD-E (3.5-4) MS	78	99

Surrogate	Acceptance Limits
CB = Chlorobenzene	32-106
OTPH = o-Terphenyl	48-112

Client: Antea USA, Inc.

Job Number: 460-24280-1

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
460-24280-18 MS	PMP-5-WT-E (8-8.5) MS	70	112
460-24280-17 MSD	PMP-5-VD-E (3.5-4) MSD	77	101
460-24280-18 MSD	PMP-5-WT-E (8-8.5) MSD	70	113X

Surrogate	Acceptance Limits
CB = Chlorobenzene	32-106
OTPH = o-Terphenyl	48-112

Client: Antea USA, Inc. Job Number: 460-24280-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-67851

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-24265-D-6-A MS	Analysis Batch:	460-68934	Instrument ID:	VOAMS13
Client Matrix:	Solid	Prep Batch:	460-67851	Lab File ID:	p45584.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	4.68 g
Analysis Date:	03/30/2011 1441			Final Weight/Volume:	5 mL
Prep Date:	03/18/2011 1831				
Leach Date:	N/A				

MSD Lab Sample ID:	460-24265-D-6-A MSD	Analysis Batch:	460-68934	Instrument ID:	VOAMS13
Client Matrix:	Solid	Prep Batch:	460-67851	Lab File ID:	p45585.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	4.68 g
Analysis Date:	03/30/2011 1506			Final Weight/Volume:	5 mL
Prep Date:	03/18/2011 1831				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Chloromethane	80	93	52 - 144	15	30		
Bromomethane	72	87	58 - 164	18	30		
Vinyl chloride	98	110	55 - 154	12	30		
Chloroethane	94	110	66 - 144	15	30		
Methylene Chloride	93	106	78 - 118	13	30		
Acetone	163	146	48 - 177	11	30		
Carbon disulfide	84	96	70 - 120	14	30		
Trichlorofluoromethane	103	111	60 - 148	7	30		
1,1-Dichloroethene	105	121	68 - 138	14	30		
1,1-Dichloroethane	89	101	79 - 119	13	30		
trans-1,2-Dichloroethene	98	112	73 - 119	14	30		
cis-1,2-Dichloroethene	93	102	78 - 118	9	30		
Chloroform	92	100	81 - 122	9	30		
2-Butanone	66	66	70 - 139	1	30	F	F
1,2-Dichloroethane	84	94	81 - 121	11	30		
1,1,1-Trichloroethane	92	108	78 - 118	16	30		
Carbon tetrachloride	99	108	64 - 130	9	30		
Benzene	83	97	71 - 118	14	30		
Bromoform	79	92	76 - 133	15	30		
Styrene	75	85	73 - 126	13	30		
Ethylbenzene	87	98	78 - 124	12	30		
Chlorobenzene	85	98	69 - 124	15	30		
Cyclohexane	90	101	69 - 128	12	30		
Isopropylbenzene	97	112	80 - 143	14	30		
2-Hexanone	59	46	62 - 123	25	30	F	J F
MTBE	79	84	65 - 143	7	30		
Freon TF	99	113	50 - 128	14	30		
Methyl acetate	76	86	72 - 165	13	30		
1,4-Dioxane	0	0	54 - 147	NC	30	U F	U F
Trichloroethene	93	104	82 - 122	12	30		
Toluene	82	94	79 - 136	14	30		
trans-1,3-Dichloropropene	73	84	73 - 118	13	30		
4-Methyl-2-pentanone	57	63	69 - 124	9	30	F	F

Client: Antea USA, Inc. Job Number: 460-24280-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-67851

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-24265-D-6-A MS	Analysis Batch:	460-68934	Instrument ID:	VOAMS13
Client Matrix:	Solid	Prep Batch:	460-67851	Lab File ID:	p45584.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	4.68 g
Analysis Date:	03/30/2011 1441			Final Weight/Volume:	5 mL
Prep Date:	03/18/2011 1831				
Leach Date:	N/A				

MSD Lab Sample ID:	460-24265-D-6-A MSD	Analysis Batch:	460-68934	Instrument ID:	VOAMS13
Client Matrix:	Solid	Prep Batch:	460-67851	Lab File ID:	p45585.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	4.68 g
Analysis Date:	03/30/2011 1506			Final Weight/Volume:	5 mL
Prep Date:	03/18/2011 1831				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
cis-1,3-Dichloropropene	76	87	75 - 120	14	30		
1,2-Dichlorobenzene	88	100	83 - 123	13	30		
1,3-Dichlorobenzene	87	101	83 - 123	15	30		
1,4-Dichlorobenzene	88	100	84 - 124	12	30		
1,2,4-Trichlorobenzene	90	102	62 - 144	13	30		
1,2,3-Trichlorobenzene	85	100	36 - 207	16	30		
1,2-Dichloropropane	82	92	78 - 118	11	30		
Methylcyclohexane	95	103	80 - 134	8	30		
Tetrachloroethene	92	102	78 - 136	10	30		
Xylenes, Total	83	98	78 - 126	17	30		
1,2-Dibromo-3-Chloropropane	62	75	62 - 127	19	30		
1,1,2,2-Tetrachloroethane	69	77	86 - 145	12	30	F	F
1,1,2-Trichloroethane	76	84	77 - 120	10	30	F	
Dibromochloromethane	78	90	78 - 118	15	30		
1,2-Dibromoethane	74	85	76 - 120	14	30	F	
Dichlorodifluoromethane	111	126	41 - 149	12	30		
Bromochloromethane	96	109	81 - 121	12	30		
Bromodichloromethane	86	98	78 - 118	13	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	70	70	57 - 135
Toluene-d8 (Surr)	80	84	46 - 130
Bromofluorobenzene	106	111	50 - 124

Client: Antea USA, Inc.

Job Number: 460-24280-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-67851

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-24265-D-6-A MS	Units:	ug/Kg	MSD Lab Sample ID:	460-24265-D-6-A MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	50			Dilution:	50
Analysis Date:	03/30/2011 1441			Analysis Date:	03/30/2011 1506
Prep Date:	03/18/2011 1831			Prep Date:	03/18/2011 1831
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Chloromethane	62	U	1250	1250	998		1160	
Bromomethane	62	U	1250	1250	904		1080	
Vinyl chloride	62	U	1250	1250	1220		1380	
Chloroethane	62	U	1250	1250	1180		1370	
Methylene Chloride	62	U	1250	1250	1160		1330	
Acetone	620	U	1250	1250	2040		1830	
Carbon disulfide	62	U	1250	1250	1040		1200	
Trichlorofluoromethane	62	U	1250	1250	1290		1390	
1,1-Dichloroethene	62	U	1250	1250	1310		1510	
1,1-Dichloroethane	62	U	1250	1250	1110		1260	
trans-1,2-Dichloroethene	62	U	1250	1250	1220		1400	
cis-1,2-Dichloroethene	62	U	1250	1250	1160		1270	
Chloroform	62	U	1250	1250	1150		1250	
2-Butanone	620	U	1250	1250	827	F	823	F
1,2-Dichloroethane	62	U	1250	1250	1050		1180	
1,1,1-Trichloroethane	62	U	1250	1250	1150		1340	
Carbon tetrachloride	62	U	1250	1250	1240		1350	
Benzene	100		1250	1250	1140		1310	
Bromoform	62	U	1250	1250	983		1150	
Styrene	62	U	1250	1250	934		1060	
Ethylbenzene	62	U	1250	1250	1090		1220	
Chlorobenzene	62	U	1250	1250	1060		1220	
Cyclohexane	62	U	1250	1250	1120		1260	
Isopropylbenzene	62	U	1250	1250	1220		1400	
2-Hexanone	620	U	1250	1250	734	F	572	J F
MTBE	62	U	1250	1250	986		1060	
Freon TF	62	U	1250	1250	1230		1420	
Methyl acetate	120	U	1250	1250	944		1080	
1,4-Dioxane	3100	U	9370	9370	3100	U F	3100	U F
Trichloroethene	62	U	1250	1250	1160		1310	
Toluene	62	U	1250	1250	1020		1170	
trans-1,3-Dichloropropene	62	U	1250	1250	914		1050	
4-Methyl-2-pentanone	620	U	1250	1250	717	F	783	F
cis-1,3-Dichloropropene	62	U	1250	1250	944		1090	
1,2-Dichlorobenzene	62	U	1250	1250	1100		1250	
1,3-Dichlorobenzene	62	U	1250	1250	1080		1260	
1,4-Dichlorobenzene	62	U	1250	1250	1110		1250	
1,2,4-Trichlorobenzene	62	U	1250	1250	1120		1280	
1,2,3-Trichlorobenzene	62	U	1250	1250	1060		1250	
1,2-Dichloropropane	62	U	1250	1250	1030		1150	
Methylcyclohexane	62	U	1250	1250	1180		1280	
Tetrachloroethene	62	U	1250	1250	1150		1270	
Xylenes, Total	190	U	3750	3750	3100		3690	

Client: Antea USA, Inc. Job Number: 460-24280-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-67851

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-24265-D-6-A MS	Units:	ug/Kg
Client Matrix:	Solid		
Dilution:	50		
Analysis Date:	03/30/2011 1441		
Prep Date:	03/18/2011 1831		
Leach Date:	N/A		

MSD Lab Sample ID:	460-24265-D-6-A MSD
Client Matrix:	Solid
Dilution:	50
Analysis Date:	03/30/2011 1506
Prep Date:	03/18/2011 1831
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,2-Dibromo-3-Chloropropane	62	U	1250	1250	769		934	
1,1,2,2-Tetrachloroethane	62	U	1250	1250	860	F	968	F
1,1,2-Trichloroethane	62	U	1250	1250	954	F	1050	
Dibromochloromethane	62	U	1250	1250	971		1130	
1,2-Dibromoethane	62	U	1250	1250	919	F	1060	
Dichlorodifluoromethane	62	U	1250	1250	1390		1570	
Bromochloromethane	62	U	1250	1250	1200		1360	
Bromodichloromethane	62	U	1250	1250	1080		1230	

Client: Antea USA, Inc. Job Number: 460-24280-1

Method Blank - Batch: 460-68728 **Method: 8260B**
Preparation: N/A

Lab Sample ID:	MB 460-68728/5	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46702.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2011 2007	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.63	1.0
Bromomethane	1.0	U	0.41	1.0
Vinyl chloride	1.0	U	0.23	1.0
Chloroethane	1.0	U	0.40	1.0
Methylene Chloride	1.0	U	0.47	1.0
Acetone	5.63	J	3.7	10
Carbon disulfide	1.0	U	0.46	1.0
Trichlorofluoromethane	1.0	U	0.26	1.0
1,1-Dichloroethene	1.0	U	0.37	1.0
1,1-Dichloroethane	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.28	1.0
cis-1,2-Dichloroethene	1.0	U	0.24	1.0
Chloroform	1.0	U	0.24	1.0
2-Butanone	10	U	0.57	10
1,2-Dichloroethane	1.0	U	0.39	1.0
1,1,1-Trichloroethane	1.0	U	0.19	1.0
Carbon tetrachloride	1.0	U	0.10	1.0
Benzene	1.0	U	0.74	1.0
Bromoform	1.0	U	0.70	1.0
Styrene	1.0	U	0.35	1.0
Ethylbenzene	1.0	U	0.19	1.0
Chlorobenzene	1.0	U	0.48	1.0
Cyclohexane	1.0	U	0.22	1.0
Isopropylbenzene	1.0	U	0.26	1.0
2-Hexanone	10	U	1.7	10
MTBE	1.0	U	0.34	1.0
Freon TF	1.0	U	0.48	1.0
Methyl acetate	1.0	U	0.90	1.0
1,4-Dioxane	50	U	4.2	50
Trichloroethene	1.0	U	0.36	1.0
Toluene	1.0	U	0.30	1.0
trans-1,3-Dichloropropene	1.0	U	0.22	1.0
4-Methyl-2-pentanone	10	U	0.72	10
cis-1,3-Dichloropropene	1.0	U	0.20	1.0
1,2-Dichlorobenzene	1.0	U	0.64	1.0
1,3-Dichlorobenzene	1.0	U	0.48	1.0
1,4-Dichlorobenzene	1.0	U	0.71	1.0
1,2,4-Trichlorobenzene	1.0	U	0.54	1.0
1,2,3-Trichlorobenzene	1.0	U	0.65	1.0
1,2-Dichloropropane	1.0	U	0.32	1.0
Methylcyclohexane	1.0	U	0.27	1.0
Tetrachloroethene	1.0	U	0.33	1.0
Xylenes, Total	3.0	U	0.79	3.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.61	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.76	1.0

Client: Antea USA, Inc. Job Number: 460-24280-1

Method Blank - Batch: 460-68728

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-68728/5	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46702.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2011 2007	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	1.0	U	0.59	1.0
Dibromochloromethane	1.0	U	0.56	1.0
1,2-Dibromoethane	1.0	U	0.52	1.0
Dichlorodifluoromethane	1.0	U	0.41	1.0
Bromochloromethane	1.0	U	0.27	1.0
Bromodichloromethane	1.0	U	0.30	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	70 - 138
Toluene-d8 (Surr)	88	66 - 126
Bromofluorobenzene	93	72 - 132

Method Blank TICs- Batch: 460-68728

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24280-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-68728

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-68728/3	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46699.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2011 1834	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-68728/4	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46700.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2011 1859	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	88	89	50 - 151	2	30		
Bromomethane	117	114	54 - 142	2	30		
Vinyl chloride	90	93	67 - 133	4	30		
Chloroethane	108	109	56 - 146	1	30		
Methylene Chloride	98	101	74 - 137	3	30		
Acetone	134	161	27 - 164	18	30		
Carbon disulfide	87	89	72 - 128	2	30		
Trichlorofluoromethane	86	91	61 - 139	5	30		
1,1-Dichloroethene	94	94	71 - 126	0	30		
1,1-Dichloroethane	93	95	76 - 125	2	30		
trans-1,2-Dichloroethene	95	96	75 - 122	1	30		
cis-1,2-Dichloroethene	95	99	80 - 120	4	30		
Chloroform	96	98	77 - 120	3	30		
2-Butanone	110	116	77 - 117	5	30		
1,2-Dichloroethane	96	97	76 - 118	1	30		
1,1,1-Trichloroethane	91	92	78 - 117	2	30		
Carbon tetrachloride	92	96	79 - 118	4	30		
Benzene	95	95	77 - 117	1	30		
Bromoform	85	89	59 - 125	4	30		
Styrene	94	96	82 - 122	1	30		
Ethylbenzene	94	96	81 - 121	2	30		
Chlorobenzene	96	98	80 - 120	3	30		
Cyclohexane	80	82	80 - 121	2	30		
Isopropylbenzene	103	105	65 - 129	2	30		
2-Hexanone	107	112	70 - 122	5	30		
MTBE	102	101	78 - 120	1	30		
Freon TF	99	100	73 - 123	2	30		
Methyl acetate	105	99	73 - 137	6	30		
1,4-Dioxane	114	128	69 - 131	12	30		
Trichloroethene	93	96	79 - 119	3	30		
Toluene	92	94	75 - 115	2	30		
trans-1,3-Dichloropropene	93	93	67 - 121	0	30		
4-Methyl-2-pentanone	109	111	68 - 120	2	30		
cis-1,3-Dichloropropene	94	94	80 - 123	0	30		
1,2-Dichlorobenzene	96	99	80 - 120	3	30		
1,3-Dichlorobenzene	94	95	80 - 120	0	30		

Client: Antea USA, Inc. Job Number: 460-24280-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-68728

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-68728/3	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46699.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2011 1834	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-68728/4	Analysis Batch:	460-68728	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46700.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/28/2011 1859	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
1,4-Dichlorobenzene	96	99	80 - 120	3	30		
1,2,4-Trichlorobenzene	102	101	80 - 120	1	30		
1,2,3-Trichlorobenzene	100	102	75 - 121	2	30		
1,2-Dichloropropane	97	94	82 - 122	3	30		
Methylcyclohexane	81	82	78 - 118	1	30		
Tetrachloroethene	98	98	80 - 120	0	30		
Xylenes, Total	94	96	82 - 122	2	30		
1,2-Dibromo-3-Chloropropane	92	93	74 - 118	0	30		
1,1,2,2-Tetrachloroethane	88	90	79 - 122	2	30		
1,1,2-Trichloroethane	98	97	73 - 118	1	30		
Dibromochloromethane	99	99	68 - 120	0	30		
1,2-Dibromoethane	99	103	75 - 117	3	30		
Dichlorodifluoromethane	82	87	52 - 144	6	30		
Bromochloromethane	100	100	74 - 125	0	30		
Bromodichloromethane	98	99	79 - 119	2	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	74	70 - 138
Toluene-d8 (Surr)	90	72	66 - 126
Bromofluorobenzene	96	77	72 - 132

Client: Antea USA, Inc. Job Number: 460-24280-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-68728

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-68728/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-68728/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/28/2011 1834			Analysis Date:	03/28/2011 1859
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	20.0	20.0	17.5	17.8
Bromomethane	20.0	20.0	23.4	22.8
Vinyl chloride	20.0	20.0	18.0	18.7
Chloroethane	20.0	20.0	21.7	21.8
Methylene Chloride	20.0	20.0	19.6	20.1
Acetone	20.0	20.0	26.8	32.2
Carbon disulfide	20.0	20.0	17.4	17.7
Trichlorofluoromethane	20.0	20.0	17.3	18.1
1,1-Dichloroethene	20.0	20.0	18.9	18.8
1,1-Dichloroethane	20.0	20.0	18.7	19.0
trans-1,2-Dichloroethene	20.0	20.0	18.9	19.2
cis-1,2-Dichloroethene	20.0	20.0	19.1	19.8
Chloroform	20.0	20.0	19.2	19.7
2-Butanone	20.0	20.0	22.1	23.1
1,2-Dichloroethane	20.0	20.0	19.2	19.4
1,1,1-Trichloroethane	20.0	20.0	18.2	18.5
Carbon tetrachloride	20.0	20.0	18.4	19.2
Benzene	20.0	20.0	18.9	19.1
Bromoform	20.0	20.0	17.1	17.8
Styrene	20.0	20.0	18.9	19.1
Ethylbenzene	20.0	20.0	18.9	19.3
Chlorobenzene	20.0	20.0	19.2	19.7
Cyclohexane	20.0	20.0	16.1	16.4
Isopropylbenzene	20.0	20.0	20.6	21.0
2-Hexanone	20.0	20.0	21.3	22.3
MTBE	20.0	20.0	20.4	20.3
Freon TF	20.0	20.0	19.7	20.1
Methyl acetate	20.0	20.0	20.9	19.8
1,4-Dioxane	150	150	170	191
Trichloroethene	20.0	20.0	18.6	19.2
Toluene	20.0	20.0	18.3	18.8
trans-1,3-Dichloropropene	20.0	20.0	18.6	18.5
4-Methyl-2-pentanone	20.0	20.0	21.9	22.3
cis-1,3-Dichloropropene	20.0	20.0	18.9	18.8
1,2-Dichlorobenzene	20.0	20.0	19.2	19.8
1,3-Dichlorobenzene	20.0	20.0	18.9	18.9
1,4-Dichlorobenzene	20.0	20.0	19.3	19.8
1,2,4-Trichlorobenzene	20.0	20.0	20.4	20.3
1,2,3-Trichlorobenzene	20.0	20.0	19.9	20.4

Client: Antea USA, Inc. Job Number: 460-24280-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-68728

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-68728/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-68728/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/28/2011 1834			Analysis Date:	03/28/2011 1859
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-Dichloropropane	20.0	20.0	19.4	18.9
Methylcyclohexane	20.0	20.0	16.2	16.3
Tetrachloroethene	20.0	20.0	19.6	19.5
Xylenes, Total	60.0	60.0	56.5	57.5
1,2-Dibromo-3-Chloropropane	20.0	20.0	18.5	18.5
1,1,2,2-Tetrachloroethane	20.0	20.0	17.7	18.1
1,1,2-Trichloroethane	20.0	20.0	19.6	19.5
Dibromochloromethane	20.0	20.0	19.9	19.8
1,2-Dibromoethane	20.0	20.0	19.9	20.5
Dichlorodifluoromethane	20.0	20.0	16.5	17.5
Bromochloromethane	20.0	20.0	20.0	20.0
Bromodichloromethane	20.0	20.0	19.6	19.9

Client: Antea USA, Inc. Job Number: 460-24280-1

Method Blank - Batch: 460-68934 **Method: 8260B**
Preparation: N/A

Lab Sample ID:	MB 460-68934/4	Analysis Batch:	460-68934	Instrument ID:	VOAMS13
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	p45578.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/30/2011 1207	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	100	U	21	100
Bromomethane	100	U	31	100
Vinyl chloride	100	U	12	100
Chloroethane	100	U	45	100
Methylene Chloride	100	U	19	100
Acetone	1000	U	250	1000
Carbon disulfide	100	U	15	100
Trichlorofluoromethane	100	U	16	100
1,1-Dichloroethene	100	U	14	100
1,1-Dichloroethane	100	U	10	100
trans-1,2-Dichloroethene	100	U	14	100
cis-1,2-Dichloroethene	100	U	19	100
Chloroform	100	U	16	100
2-Butanone	1000	U	82	1000
1,2-Dichloroethane	100	U	25	100
1,1,1-Trichloroethane	100	U	25	100
Carbon tetrachloride	100	U	18	100
Benzene	100	U	12	100
Bromoform	100	U	9.9	100
Styrene	100	U	14	100
Ethylbenzene	100	U	25	100
Chlorobenzene	100	U	17	100
Cyclohexane	100	U	12	100
Isopropylbenzene	100	U	21	100
2-Hexanone	1000	U	55	1000
MTBE	100	U	19	100
Freon TF	100	U	29	100
Methyl acetate	200	U	33	200
1,4-Dioxane	5000	U	850	5000
Trichloroethene	100	U	18	100
Toluene	100	U	9.5	100
trans-1,3-Dichloropropene	100	U	12	100
4-Methyl-2-pentanone	1000	U	68	1000
cis-1,3-Dichloropropene	100	U	10	100
1,2-Dichlorobenzene	100	U	16	100
1,3-Dichlorobenzene	100	U	23	100
1,4-Dichlorobenzene	100	U	15	100
1,2,4-Trichlorobenzene	100	U	44	100
1,2,3-Trichlorobenzene	100	U	83	100
1,2-Dichloropropane	100	U	8.7	100
Methylcyclohexane	100	U	8.0	100
Tetrachloroethene	100	U	20	100
Xylenes, Total	300	U	43	300
1,2-Dibromo-3-Chloropropane	100	U	15	100
1,1,2,2-Tetrachloroethane	100	U	8.6	100

Client: Antea USA, Inc. Job Number: 460-24280-1

Method Blank - Batch: 460-68934

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-68934/4	Analysis Batch:	460-68934	Instrument ID:	VOAMS13
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	p45578.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/30/2011 1207	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	100	U	9.7	100
Dibromochloromethane	100	U	10	100
1,2-Dibromoethane	100	U	9.1	100
Dichlorodifluoromethane	100	U	28	100
Bromochloromethane	100	U	17	100
Bromodichloromethane	100	U	9.0	100

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	71	57 - 135
Toluene-d8 (Surr)	81	46 - 130
Bromofluorobenzene	110	50 - 124

Method Blank TICs- Batch: 460-68934

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24280-1

Lab Control Sample - Batch: 460-68934

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-68934/3	Analysis Batch:	460-68934	Instrument ID:	VOAMS13
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	p45575.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/30/2011 1038	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	2000	1720	86	52 - 144	
Bromomethane	2000	1840	92	58 - 154	
Vinyl chloride	2000	1690	85	55 - 154	
Chloroethane	2000	1900	95	66 - 144	
Methylene Chloride	2000	2060	103	78 - 118	
Acetone	2000	2410	121	48 - 177	
Carbon disulfide	2000	1670	84	70 - 120	
Trichlorofluoromethane	2000	1120	56	60 - 148	*
1,1-Dichloroethene	2000	2130	106	68 - 138	
1,1-Dichloroethane	2000	2020	101	79 - 119	
trans-1,2-Dichloroethene	2000	2180	109	73 - 119	
cis-1,2-Dichloroethene	2000	2090	105	78 - 118	
Chloroform	2000	2100	105	81 - 122	
2-Butanone	2000	1540	77	70 - 139	
1,2-Dichloroethane	2000	1940	97	81 - 121	
1,1,1-Trichloroethane	2000	2130	106	78 - 118	
Carbon tetrachloride	2000	2220	111	64 - 130	
Benzene	2000	2040	102	71 - 118	
Bromoform	2000	2120	106	76 - 133	
Styrene	2000	1870	93	73 - 126	
Ethylbenzene	2000	2080	104	78 - 124	
Chlorobenzene	2000	2080	104	69 - 124	
Cyclohexane	2000	1840	92	69 - 128	
Isopropylbenzene	2000	2300	115	80 - 143	
2-Hexanone	2000	1970	98	62 - 123	
MTBE	2000	2030	101	65 - 143	
Freon TF	2000	2020	101	50 - 128	
Methyl acetate	2000	1660	83	72 - 165	
1,4-Dioxane	15000	13400	89	54 - 147	
Trichloroethene	2000	2020	101	82 - 122	
Toluene	2000	2020	101	79 - 136	
trans-1,3-Dichloropropene	2000	1950	97	73 - 118	
4-Methyl-2-pentanone	2000	1530	77	69 - 124	
cis-1,3-Dichloropropene	2000	1830	91	75 - 120	
1,2-Dichlorobenzene	2000	2120	106	83 - 123	
1,3-Dichlorobenzene	2000	2080	104	83 - 123	
1,4-Dichlorobenzene	2000	2070	103	84 - 124	
1,2,4-Trichlorobenzene	2000	2130	107	62 - 144	
1,2,3-Trichlorobenzene	2000	2300	115	36 - 207	
1,2-Dichloropropane	2000	1950	98	78 - 118	
Methylcyclohexane	2000	2030	102	80 - 134	
Tetrachloroethene	2000	2230	112	78 - 136	
Xylenes, Total	6000	6040	101	78 - 126	
1,2-Dibromo-3-Chloropropane	2000	1850	93	62 - 127	
1,1,2,2-Tetrachloroethane	2000	1820	91	86 - 145	
1,1,2-Trichloroethane	2000	1960	98	77 - 120	

Client: Antea USA, Inc. Job Number: 460-24280-1

Lab Control Sample - Batch: 460-68934

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-68934/3	Analysis Batch:	460-68934	Instrument ID:	VOAMS13
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	p45575.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/30/2011 1038	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	2000	2030	102	78 - 118	
1,2-Dibromoethane	2000	2020	101	76 - 120	
Dichlorodifluoromethane	2000	1110	55	41 - 149	
Bromochloromethane	2000	2270	113	81 - 121	
Bromodichloromethane	2000	2040	102	78 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	79	57 - 135
Toluene-d8 (Surr)	91	46 - 130
Bromofluorobenzene	120	50 - 124

Client: Antea USA, Inc. Job Number: 460-24280-1

Method Blank - Batch: 460-69040 **Method: 8260B**
Preparation: N/A

Lab Sample ID:	MB 460-69040/5	Analysis Batch:	460-69040	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46796.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/31/2011 0730	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	1.0	U	0.63	1.0
Bromomethane	1.0	U	0.41	1.0
Vinyl chloride	1.0	U	0.23	1.0
Chloroethane	1.0	U	0.40	1.0
Methylene Chloride	1.0	U	0.47	1.0
Acetone	10	U	3.7	10
Carbon disulfide	1.0	U	0.46	1.0
Trichlorofluoromethane	1.0	U	0.26	1.0
1,1-Dichloroethene	1.0	U	0.37	1.0
1,1-Dichloroethane	1.0	U	0.25	1.0
trans-1,2-Dichloroethene	1.0	U	0.28	1.0
cis-1,2-Dichloroethene	1.0	U	0.24	1.0
Chloroform	1.0	U	0.24	1.0
2-Butanone	10	U	0.57	10
1,2-Dichloroethane	1.0	U	0.39	1.0
1,1,1-Trichloroethane	1.0	U	0.19	1.0
Carbon tetrachloride	1.0	U	0.10	1.0
Benzene	1.0	U	0.74	1.0
Bromoform	1.0	U	0.70	1.0
Styrene	1.0	U	0.35	1.0
Ethylbenzene	1.0	U	0.19	1.0
Chlorobenzene	1.0	U	0.48	1.0
Cyclohexane	1.0	U	0.22	1.0
Isopropylbenzene	1.0	U	0.26	1.0
2-Hexanone	10	U	1.7	10
MTBE	1.0	U	0.34	1.0
Freon TF	1.0	U	0.48	1.0
Methyl acetate	1.0	U	0.90	1.0
1,4-Dioxane	50	U	4.2	50
Trichloroethene	1.0	U	0.36	1.0
Toluene	1.0	U	0.30	1.0
trans-1,3-Dichloropropene	1.0	U	0.22	1.0
4-Methyl-2-pentanone	10	U	0.72	10
cis-1,3-Dichloropropene	1.0	U	0.20	1.0
1,2-Dichlorobenzene	1.0	U	0.64	1.0
1,3-Dichlorobenzene	1.0	U	0.48	1.0
1,4-Dichlorobenzene	1.0	U	0.71	1.0
1,2,4-Trichlorobenzene	1.0	U	0.54	1.0
1,2,3-Trichlorobenzene	1.0	U	0.65	1.0
1,2-Dichloropropane	1.0	U	0.32	1.0
Methylcyclohexane	1.0	U	0.27	1.0
Tetrachloroethene	1.0	U	0.33	1.0
Xylenes, Total	3.0	U	0.79	3.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.61	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.76	1.0

Client: Antea USA, Inc. Job Number: 460-24280-1

Method Blank - Batch: 460-69040

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-69040/5	Analysis Batch:	460-69040	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46796.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/31/2011 0730	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	1.0	U	0.59	1.0
Dibromochloromethane	1.0	U	0.56	1.0
1,2-Dibromoethane	1.0	U	0.52	1.0
Dichlorodifluoromethane	1.0	U	0.41	1.0
Bromochloromethane	1.0	U	0.27	1.0
Bromodichloromethane	1.0	U	0.30	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	70 - 138
Toluene-d8 (Surr)	108	66 - 126
Bromofluorobenzene	106	72 - 132

Method Blank TICs- Batch: 460-69040

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24280-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-69040

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-69040/3	Analysis Batch:	460-69040	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46792.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/31/2011 0541	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-69040/4	Analysis Batch:	460-69040	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46793.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/31/2011 0606	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Chloromethane	86	92	50 - 151	7	30		
Bromomethane	81	84	54 - 142	4	30		
Vinyl chloride	86	98	67 - 133	13	30		
Chloroethane	71	84	56 - 146	17	30		
Methylene Chloride	103	105	74 - 137	2	30		
Acetone	121	111	27 - 164	9	30		
Carbon disulfide	88	76	72 - 128	14	30		
Trichlorofluoromethane	82	93	61 - 139	12	30		
1,1-Dichloroethene	97	99	71 - 126	3	30		
1,1-Dichloroethane	93	95	76 - 125	1	30		
trans-1,2-Dichloroethene	94	96	75 - 122	3	30		
cis-1,2-Dichloroethene	95	95	80 - 120	1	30		
Chloroform	94	95	77 - 120	0	30		
2-Butanone	102	96	77 - 117	5	30		
1,2-Dichloroethane	95	96	76 - 118	0	30		
1,1,1-Trichloroethane	92	93	78 - 117	2	30		
Carbon tetrachloride	91	94	79 - 118	4	30		
Benzene	93	94	77 - 117	2	30		
Bromoform	99	88	59 - 125	11	30		
Styrene	101	94	82 - 122	7	30		
Ethylbenzene	95	94	81 - 121	1	30		
Chlorobenzene	100	96	80 - 120	4	30		
Cyclohexane	86	86	80 - 121	0	30		
Isopropylbenzene	97	103	65 - 129	6	30		
2-Hexanone	84	81	70 - 122	3	30		
MTBE	95	88	78 - 120	8	30		
Freon TF	91	95	73 - 123	5	30		
Methyl acetate	93	92	73 - 137	1	30		
1,4-Dioxane	92	90	69 - 131	3	30		
Trichloroethene	90	93	79 - 119	3	30		
Toluene	94	95	75 - 115	1	30		
trans-1,3-Dichloropropene	103	96	67 - 121	7	30		
4-Methyl-2-pentanone	84	80	68 - 120	5	30		
cis-1,3-Dichloropropene	96	89	80 - 123	8	30		
1,2-Dichlorobenzene	105	96	80 - 120	9	30		
1,3-Dichlorobenzene	103	97	80 - 120	6	30		

Client: Antea USA, Inc. Job Number: 460-24280-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-69040

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-69040/3	Analysis Batch:	460-69040	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46792.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/31/2011 0541	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-69040/4	Analysis Batch:	460-69040	Instrument ID:	VOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	o46793.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	03/31/2011 0606	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
1,4-Dichlorobenzene	105	98	80 - 120	7	30		
1,2,4-Trichlorobenzene	108	97	80 - 120	11	30		
1,2,3-Trichlorobenzene	108	94	75 - 121	14	30		
1,2-Dichloropropane	94	94	82 - 122	0	30		
Methylcyclohexane	89	87	78 - 118	2	30		
Tetrachloroethene	96	98	80 - 120	2	30		
Xylenes, Total	98	95	82 - 122	3	30		
1,2-Dibromo-3-Chloropropane	90	77	74 - 118	16	30		
1,1,2,2-Tetrachloroethane	100	88	79 - 122	13	30		
1,1,2-Trichloroethane	98	92	73 - 118	6	30		
Dibromochloromethane	98	92	68 - 120	6	30		
1,2-Dibromoethane	98	93	75 - 117	5	30		
Dichlorodifluoromethane	88	95	52 - 144	8	30		
Bromochloromethane	94	96	74 - 125	2	30		
Bromodichloromethane	94	92	79 - 119	2	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101	100	70 - 138
Toluene-d8 (Surr)	107	109	66 - 126
Bromofluorobenzene	108	106	72 - 132

Client: Antea USA, Inc. Job Number: 460-24280-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-69040

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-69040/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-69040/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/31/2011 0541			Analysis Date:	03/31/2011 0606
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Chloromethane	20.0	20.0	17.1	18.4
Bromomethane	20.0	20.0	16.2	16.8
Vinyl chloride	20.0	20.0	17.2	19.5
Chloroethane	20.0	20.0	14.2	16.8
Methylene Chloride	20.0	20.0	20.5	20.9
Acetone	20.0	20.0	24.3	22.2
Carbon disulfide	20.0	20.0	17.5	15.3
Trichlorofluoromethane	20.0	20.0	16.4	18.5
1,1-Dichloroethene	20.0	20.0	19.3	19.8
1,1-Dichloroethane	20.0	20.0	18.7	18.9
trans-1,2-Dichloroethene	20.0	20.0	18.8	19.2
cis-1,2-Dichloroethene	20.0	20.0	19.0	18.9
Chloroform	20.0	20.0	18.9	18.9
2-Butanone	20.0	20.0	20.3	19.2
1,2-Dichloroethane	20.0	20.0	19.0	19.1
1,1,1-Trichloroethane	20.0	20.0	18.3	18.7
Carbon tetrachloride	20.0	20.0	18.1	18.8
Benzene	20.0	20.0	18.5	18.9
Bromoform	20.0	20.0	19.7	17.6
Styrene	20.0	20.0	20.1	18.8
Ethylbenzene	20.0	20.0	19.0	18.9
Chlorobenzene	20.0	20.0	20.0	19.3
Cyclohexane	20.0	20.0	17.1	17.2
Isopropylbenzene	20.0	20.0	19.4	20.6
2-Hexanone	20.0	20.0	16.8	16.3
MTBE	20.0	20.0	19.0	17.6
Freon TF	20.0	20.0	18.2	19.0
Methyl acetate	20.0	20.0	18.5	18.3
1,4-Dioxane	150	150	139	134
Trichloroethene	20.0	20.0	18.0	18.6
Toluene	20.0	20.0	18.7	19.0
trans-1,3-Dichloropropene	20.0	20.0	20.6	19.3
4-Methyl-2-pentanone	20.0	20.0	16.9	16.1
cis-1,3-Dichloropropene	20.0	20.0	19.3	17.8
1,2-Dichlorobenzene	20.0	20.0	20.9	19.1
1,3-Dichlorobenzene	20.0	20.0	20.6	19.4
1,4-Dichlorobenzene	20.0	20.0	21.0	19.6
1,2,4-Trichlorobenzene	20.0	20.0	21.6	19.4
1,2,3-Trichlorobenzene	20.0	20.0	21.6	18.7

Client: Antea USA, Inc.

Job Number: 460-24280-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-69040

Method: 8260B
Preparation: N/A

LCS Lab Sample ID:	LCS 460-69040/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-69040/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/31/2011 0541			Analysis Date:	03/31/2011 0606
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-Dichloropropane	20.0	20.0	18.7	18.7
Methylcyclohexane	20.0	20.0	17.8	17.4
Tetrachloroethene	20.0	20.0	19.1	19.6
Xylenes, Total	60.0	60.0	58.9	56.8
1,2-Dibromo-3-Chloropropane	20.0	20.0	18.0	15.3
1,1,2,2-Tetrachloroethane	20.0	20.0	20.1	17.6
1,1,2-Trichloroethane	20.0	20.0	19.5	18.4
Dibromochloromethane	20.0	20.0	19.6	18.4
1,2-Dibromoethane	20.0	20.0	19.6	18.7
Dichlorodifluoromethane	20.0	20.0	17.5	18.9
Bromochloromethane	20.0	20.0	18.7	19.2
Bromodichloromethane	20.0	20.0	18.8	18.5

Client: Antea USA, Inc. Job Number: 460-24280-1

Method Blank - Batch: 460-69082 **Method: 8260B**
Preparation: N/A

Lab Sample ID:	MB 460-69082/4	Analysis Batch:	460-69082	Instrument ID:	VOAMS13
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	p45630.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/31/2011 1333	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Chloromethane	100	U	21	100
Bromomethane	100	U	31	100
Vinyl chloride	100	U	12	100
Chloroethane	100	U	45	100
Methylene Chloride	100	U	19	100
Acetone	1000	U	250	1000
Carbon disulfide	100	U	15	100
Trichlorofluoromethane	100	U	16	100
1,1-Dichloroethene	100	U	14	100
1,1-Dichloroethane	100	U	10	100
trans-1,2-Dichloroethene	100	U	14	100
cis-1,2-Dichloroethene	100	U	19	100
Chloroform	100	U	16	100
2-Butanone	1000	U	82	1000
1,2-Dichloroethane	100	U	25	100
1,1,1-Trichloroethane	100	U	25	100
Carbon tetrachloride	100	U	18	100
Benzene	100	U	12	100
Bromoform	100	U	9.9	100
Styrene	100	U	14	100
Ethylbenzene	100	U	25	100
Chlorobenzene	100	U	17	100
Cyclohexane	100	U	12	100
Isopropylbenzene	100	U	21	100
2-Hexanone	1000	U	55	1000
MTBE	100	U	19	100
Freon TF	100	U	29	100
Methyl acetate	200	U	33	200
1,4-Dioxane	5000	U	850	5000
Trichloroethene	100	U	18	100
Toluene	100	U	9.5	100
trans-1,3-Dichloropropene	100	U	12	100
4-Methyl-2-pentanone	1000	U	68	1000
cis-1,3-Dichloropropene	100	U	10	100
1,2-Dichlorobenzene	100	U	16	100
1,3-Dichlorobenzene	100	U	23	100
1,4-Dichlorobenzene	100	U	15	100
1,2,4-Trichlorobenzene	100	U	44	100
1,2,3-Trichlorobenzene	100	U	83	100
1,2-Dichloropropane	100	U	8.7	100
Methylcyclohexane	100	U	8.0	100
Tetrachloroethene	100	U	20	100
Xylenes, Total	300	U	43	300
1,2-Dibromo-3-Chloropropane	100	U	15	100
1,1,2,2-Tetrachloroethane	100	U	8.6	100

Client: Antea USA, Inc. Job Number: 460-24280-1

Method Blank - Batch: 460-69082

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-69082/4	Analysis Batch:	460-69082	Instrument ID:	VOAMS13
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	p45630.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/31/2011 1333	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,2-Trichloroethane	100	U	9.7	100
Dibromochloromethane	100	U	10	100
1,2-Dibromoethane	100	U	9.1	100
Dichlorodifluoromethane	100	U	28	100
Bromochloromethane	100	U	17	100
Bromodichloromethane	100	U	9.0	100

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86	57 - 135
Toluene-d8 (Surr)	93	46 - 130
Bromofluorobenzene	96	50 - 124

Method Blank TICs- Batch: 460-69082

Cas Number	Analyte	RT	Est. Result	Qual
	Tentatively Identified Compound		None	

Client: Antea USA, Inc. Job Number: 460-24280-1

Lab Control Sample - Batch: 460-69082

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-69082/3	Analysis Batch:	460-69082	Instrument ID:	VOAMS13
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	p45628.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/31/2011 1240	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chloromethane	2000	1810	91	52 - 144	
Bromomethane	2000	2280	114	58 - 154	
Vinyl chloride	2000	2020	101	55 - 154	
Chloroethane	2000	2050	102	66 - 144	
Methylene Chloride	2000	2320	116	78 - 118	
Acetone	2000	2280	114	48 - 177	
Carbon disulfide	2000	1890	95	70 - 120	
Trichlorofluoromethane	2000	1780	89	60 - 148	
1,1-Dichloroethene	2000	2260	113	68 - 138	
1,1-Dichloroethane	2000	2330	117	79 - 119	
trans-1,2-Dichloroethene	2000	2360	118	73 - 119	
cis-1,2-Dichloroethene	2000	2300	115	78 - 118	
Chloroform	2000	2410	120	81 - 122	
2-Butanone	2000	1490	75	70 - 139	
1,2-Dichloroethane	2000	2070	104	81 - 121	
1,1,1-Trichloroethane	2000	2250	112	78 - 118	
Carbon tetrachloride	2000	2170	109	64 - 130	
Benzene	2000	2200	110	71 - 118	
Bromoform	2000	2130	106	76 - 133	
Styrene	2000	2040	102	73 - 126	
Ethylbenzene	2000	2130	107	78 - 124	
Chlorobenzene	2000	2250	112	69 - 124	
Cyclohexane	2000	1670	83	69 - 128	
Isopropylbenzene	2000	2130	106	80 - 143	
2-Hexanone	2000	1580	79	62 - 123	
MTBE	2000	1970	98	65 - 143	
Freon TF	2000	1700	85	50 - 128	
Methyl acetate	2000	1910	95	72 - 165	
1,4-Dioxane	15000	14400	96	54 - 147	
Trichloroethene	2000	2250	112	82 - 122	
Toluene	2000	2120	106	79 - 136	
trans-1,3-Dichloropropene	2000	2080	104	73 - 118	
4-Methyl-2-pentanone	2000	1420	71	69 - 124	
cis-1,3-Dichloropropene	2000	2130	107	75 - 120	
1,2-Dichlorobenzene	2000	2230	111	83 - 123	
1,3-Dichlorobenzene	2000	2220	111	83 - 123	
1,4-Dichlorobenzene	2000	2200	110	84 - 124	
1,2,4-Trichlorobenzene	2000	2180	109	62 - 144	
1,2,3-Trichlorobenzene	2000	2280	114	36 - 207	
1,2-Dichloropropane	2000	2190	109	78 - 118	
Methylcyclohexane	2000	1700	85	80 - 134	
Tetrachloroethene	2000	2050	103	78 - 136	
Xylenes, Total	6000	6500	108	78 - 126	
1,2-Dibromo-3-Chloropropane	2000	1830	91	62 - 127	
1,1,2,2-Tetrachloroethane	2000	1870	93	86 - 145	
1,1,2-Trichloroethane	2000	2090	105	77 - 120	

Client: Antea USA, Inc. Job Number: 460-24280-1

Lab Control Sample - Batch: 460-69082

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-69082/3	Analysis Batch:	460-69082	Instrument ID:	VOAMS13
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	p45628.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	03/31/2011 1240	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dibromochloromethane	2000	2190	109	78 - 118	
1,2-Dibromoethane	2000	2110	106	76 - 120	
Dichlorodifluoromethane	2000	2050	103	41 - 149	
Bromochloromethane	2000	2600	130	81 - 121	*
Bromodichloromethane	2000	2270	113	78 - 118	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	57 - 135
Toluene-d8 (Surr)	101	46 - 130
Bromofluorobenzene	105	50 - 124

Client: Antea USA, Inc. Job Number: 460-24280-1

Method Blank - Batch: 460-68998 **Method: 8270C**
Preparation: 3541

Lab Sample ID:	MB 460-68998/1-A	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-68998	Lab File ID:	p10191.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	04/02/2011 0539	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Phenol	330	U	41	330
2-Chlorophenol	330	U	44	330
2-Methylphenol	330	U	48	330
4-Methylphenol	330	U	54	330
Benzaldehyde	330	U	21	330
Acetophenone	330	U	49	330
Bis(2-chloroethyl)ether	33	U	6.9	33
2,2'-oxybis[1-chloropropane]	330	U	43	330
N-Nitrosodi-n-propylamine	33	U	4.4	33
Nitrobenzene	33	U	7.4	33
Hexachloroethane	33	U	5.6	33
Isophorone	330	U	38	330
2-Nitrophenol	330	U	54	330
2,4-Dimethylphenol	330	U	53	330
2,4-Dichlorophenol	330	U	53	330
Bis(2-chloroethoxy)methane	330	U	47	330
Naphthalene	330	U	48	330
4-Chloroaniline	330	U	42	330
Hexachlorobutadiene	67	U	13	67
Caprolactam	330	U	45	330
4-Chloro-3-methylphenol	330	U	56	330
2-Methylnaphthalene	330	U	48	330
Hexachlorobenzene	33	U	4.6	33
Hexachlorocyclopentadiene	330	U	97	330
2,4,6-Trichlorophenol	330	U	59	330
2,4,5-Trichlorophenol	330	U	64	330
Diphenyl	330	U	55	330
2-Chloronaphthalene	330	U	47	330
2-Nitroaniline	670	U	91	670
2,6-Dinitrotoluene	67	U	8.4	67
Dimethyl phthalate	330	U	45	330
Acenaphthylene	330	U	47	330
3-Nitroaniline	670	U	75	670
Acenaphthene	330	U	47	330
4-Nitrophenol	1000	U	85	1000
2,4-Dinitrophenol	1000	U	70	1000
Dibenzofuran	330	U	50	330
Diethyl phthalate	330	U	44	330
Fluorene	330	U	56	330
Fluoranthene	330	U	55	330
Di-n-butyl phthalate	330	U	51	330
2,4-Dinitrotoluene	67	U	9.7	67
4-Chlorophenyl phenyl ether	330	U	57	330
4-Nitroaniline	670	U	68	670
4,6-Dinitro-2-methylphenol	1000	U	160	1000

Client: Antea USA, Inc. Job Number: 460-24280-1

Method Blank - Batch: 460-68998

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 460-68998/1-A	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-68998	Lab File ID:	p10191.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	04/02/2011 0539	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
4-Bromophenyl phenyl ether	330	U	59	330
Atrazine	330	U	62	330
Anthracene	330	U	58	330
Carbazole	330	U	53	330
Phenanthrene	330	U	58	330
Pentachlorophenol	1000	U	160	1000
Pyrene	330	U	57	330
Chrysene	330	U	48	330
Benzo[k]fluoranthene	33	U	4.6	33
Benzo[g,h,i]perylene	330	U	35	330
Benzo[b]fluoranthene	33	U	4.9	33
Benzo[a]pyrene	33	U	4.1	33
Benzo[a]anthracene	33	U	6.1	33
N-Nitrosodiphenylamine	330	U	54	330
Butyl benzyl phthalate	330	U	39	330
Bis(2-ethylhexyl) phthalate	330	U	44	330
Di-n-octyl phthalate	330	U	39	330
Indeno[1,2,3-cd]pyrene	33	U	5.3	33
Dibenz(a,h)anthracene	33	U	4.0	33
3,3'-Dichlorobenzidine	670	U	73	670
1,2,4,5-Tetrachlorobenzene	330	U	45	330
2,3,4,6-Tetrachlorophenol	330	U	66	330

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	86	38 - 105
Phenol-d5	82	41 - 118
Terphenyl-d14	77	16 - 151
2,4,6-Tribromophenol	75	10 - 120
2-Fluorophenol	83	37 - 125
2-Fluorobiphenyl	85	40 - 109

Method Blank TICs- Batch: 460-68998

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Aldol Condensate	2.43	10600	A J

Client: Antea USA, Inc. Job Number: 460-24280-1

Lab Control Sample - Batch: 460-68998

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-68998/2-A	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-68998	Lab File ID:	p10192.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	04/02/2011 0605	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Phenol	6670	5090	76	54 - 115	
2-Chlorophenol	6670	5420	81	56 - 110	
2-Methylphenol	6670	5280	79	54 - 117	
4-Methylphenol	6670	4690	70	47 - 103	
Benzaldehyde	3330	5250	157	10 - 160	
Acetophenone	3330	2760	83	40 - 95	
Bis(2-chloroethyl)ether	3330	2840	85	44 - 101	
2,2'-oxybis[1-chloropropane]	3330	2880	86	45 - 102	
N-Nitrosodi-n-propylamine	3330	2990	90	42 - 107	
Nitrobenzene	3330	2920	88	42 - 106	
Hexachloroethane	3330	2870	86	45 - 90	
Isophorone	3330	2860	86	48 - 97	
2-Nitrophenol	6670	6170	93	55 - 101	
2,4-Dimethylphenol	6670	5500	83	56 - 112	
2,4-Dichlorophenol	6670	5570	84	58 - 115	
Bis(2-chloroethoxy)methane	3330	2980	89	51 - 100	
Naphthalene	3330	2920	88	53 - 94	
4-Chloroaniline	3330	1620	49	10 - 96	
Hexachlorobutadiene	3330	3100	93	45 - 98	
Caprolactam	3330	3180	95	10 - 127	
4-Chloro-3-methylphenol	6670	5380	81	55 - 117	
2-Methylnaphthalene	3330	2880	86	51 - 98	
Hexachlorobenzene	3330	3050	91	43 - 104	
Hexachlorocyclopentadiene	3330	3260	98	24 - 98	
2,4,6-Trichlorophenol	6670	5870	88	53 - 118	
2,4,5-Trichlorophenol	6670	5880	88	50 - 115	
Diphenyl	3330	3080	92	50 - 105	
2-Chloronaphthalene	3330	3060	92	51 - 102	
2-Nitroaniline	3330	3140	94	51 - 109	
2,6-Dinitrotoluene	3330	3040	91	51 - 115	
Dimethyl phthalate	3330	3020	91	52 - 112	
Acenaphthylene	3330	2900	87	51 - 103	
3-Nitroaniline	3330	2040	61	32 - 104	
Acenaphthene	3330	2950	89	46 - 100	
4-Nitrophenol	6670	5120	77	45 - 114	
2,4-Dinitrophenol	6670	5420	81	10 - 129	
Dibenzofuran	3330	2920	87	52 - 106	
Diethyl phthalate	3330	2970	89	52 - 114	
Fluorene	3330	2970	89	51 - 108	
Fluoranthene	3330	3090	93	49 - 108	
Di-n-butyl phthalate	3330	3130	94	50 - 108	
2,4-Dinitrotoluene	3330	2950	89	53 - 110	
4-Chlorophenyl phenyl ether	3330	2940	88	50 - 106	
4-Nitroaniline	3330	2830	85	45 - 106	
4,6-Dinitro-2-methylphenol	6670	5630	84	10 - 110	
4-Bromophenyl phenyl ether	3330	3160	95	44 - 102	

Client: Antea USA, Inc. Job Number: 460-24280-1

Lab Control Sample - Batch: 460-68998

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-68998/2-A	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-68998	Lab File ID:	p10192.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	04/02/2011 0605	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Atrazine	3330	2490	75	30 - 100	
Anthracene	3330	3000	90	50 - 107	
Carbazole	3330	3040	91	49 - 104	
Phenanthrene	3330	3010	90	48 - 108	
Pentachlorophenol	6670	5470	82	19 - 113	
Pyrene	3330	2800	84	49 - 116	
Chrysene	3330	3060	92	45 - 114	
Benzo[k]fluoranthene	3330	2850	86	35 - 115	
Benzo[g,h,i]perylene	3330	3100	93	43 - 106	
Benzo[b]fluoranthene	3330	3110	93	33 - 96	
Benzo[a]pyrene	3330	2910	87	36 - 89	
Benzo[a]anthracene	3330	3140	94	46 - 112	
N-Nitrosodiphenylamine	3330	3100	93	49 - 106	
Butyl benzyl phthalate	3330	3100	93	49 - 117	
Bis(2-ethylhexyl) phthalate	3330	3050	92	49 - 119	
Di-n-octyl phthalate	3330	3110	93	40 - 106	
Indeno[1,2,3-cd]pyrene	3330	3120	94	43 - 109	
Dibenz(a,h)anthracene	3330	3210	96	43 - 107	
3,3'-Dichlorobenzidine	3330	2290	69	24 - 105	
1,2,4,5-Tetrachlorobenzene	3330	3140	94	70 - 130	
2,3,4,6-Tetrachlorophenol	3330	2930	88	70 - 130	

Client: Antea USA, Inc. Job Number: 460-24280-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68998

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-24280-4	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-68998	Lab File ID:	p10197.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	04/02/2011 0821			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-24280-4	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-68998	Lab File ID:	p10198.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.95 g
Analysis Date:	04/02/2011 0848			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenol	75	75	54 - 115	1	30		
2-Chlorophenol	80	80	56 - 110	1	30		
2-Methylphenol	78	80	54 - 117	3	30		
4-Methylphenol	70	71	47 - 103	2	30		
Benzaldehyde	156	157	10 - 160	1	30		
Acetophenone	81	82	40 - 95	2	30		
Bis(2-chloroethyl)ether	87	85	44 - 101	2	30		
2,2'-oxybis[1-chloropropane]	82	84	45 - 102	3	30		
N-Nitrosodi-n-propylamine	88	89	42 - 107	2	30		
Nitrobenzene	86	85	42 - 106	1	30		
Hexachloroethane	84	83	45 - 90	1	30		
Isophorone	87	88	48 - 97	2	30		
2-Nitrophenol	91	91	55 - 101	1	30		
2,4-Dimethylphenol	83	85	56 - 112	3	30		
2,4-Dichlorophenol	84	84	58 - 115	2	30		
Bis(2-chloroethoxy)methane	89	89	51 - 100	0	30		
Naphthalene	85	86	53 - 94	1	30		
4-Chloroaniline	66	68	10 - 96	4	30		
Hexachlorobutadiene	91	90	45 - 98	1	30		
Caprolactam	91	98	10 - 127	8	30		
4-Chloro-3-methylphenol	81	84	55 - 117	4	30		
2-Methylnaphthalene	87	86	51 - 98	0	30		
Hexachlorobenzene	94	97	43 - 104	4	30		
Hexachlorocyclopentadiene	94	95	24 - 98	2	30		
2,4,6-Trichlorophenol	86	87	53 - 118	1	30		
2,4,5-Trichlorophenol	86	88	50 - 115	3	30		
Diphenyl	90	92	50 - 105	2	30		
2-Chloronaphthalene	89	90	51 - 102	2	30		
2-Nitroaniline	85	95	51 - 109	11	30		
2,6-Dinitrotoluene	89	94	51 - 115	7	30		
Dimethyl phthalate	87	92	52 - 112	6	30		
Acenaphthylene	86	89	51 - 103	3	30		
3-Nitroaniline	65	72	32 - 104	10	30		

Client: Antea USA, Inc. Job Number: 460-24280-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68998

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-24280-4	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-68998	Lab File ID:	p10197.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	04/02/2011 0821			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-24280-4	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-68998	Lab File ID:	p10198.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.95 g
Analysis Date:	04/02/2011 0848			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	88	91	46 - 100	3	30		
4-Nitrophenol	53	48	45 - 114	10	30		
2,4-Dinitrophenol	78	82	10 - 129	6	30		
Dibenzofuran	84	89	52 - 106	6	30		
Diethyl phthalate	84	89	52 - 114	6	30		
Fluorene	85	90	51 - 108	7	30		
Fluoranthene	92	89	49 - 108	2	30		
Di-n-butyl phthalate	95	95	50 - 108	0	30		
2,4-Dinitrotoluene	82	88	53 - 110	8	30		
4-Chlorophenyl phenyl ether	85	91	50 - 106	7	30		
4-Nitroaniline	77	83	45 - 106	8	30		
4,6-Dinitro-2-methylphenol	86	87	10 - 110	2	30		
4-Bromophenyl phenyl ether	98	100	44 - 102	2	30		
Atrazine	76	75	30 - 100	1	30		
Anthracene	90	92	50 - 107	3	30		
Carbazole	91	90	49 - 104	1	30		
Phenanthrene	90	92	48 - 108	2	30		
Pentachlorophenol	80	77	19 - 113	3	30		
Pyrene	82	88	49 - 116	7	30		
Chrysene	92	92	45 - 114	1	30		
Benzo[k]fluoranthene	89	93	35 - 115	5	30		
Benzo[g,h,i]perylene	90	91	43 - 106	2	30		
Benzo[b]fluoranthene	85	88	33 - 96	4	30		
Benzo[a]pyrene	88	88	36 - 89	0	30		
Benzo[a]anthracene	93	94	46 - 112	2	30		
N-Nitrosodiphenylamine	96	98	49 - 106	3	30		
Butyl benzyl phthalate	92	95	49 - 117	3	30		
Bis(2-ethylhexyl) phthalate	92	94	49 - 119	2	30		
Di-n-octyl phthalate	91	96	40 - 106	5	30		
Indeno[1,2,3-cd]pyrene	91	91	43 - 109	1	30		
Dibenz(a,h)anthracene	94	93	43 - 107	0	30		
3,3'-Dichlorobenzidine	75	72	24 - 105	3	30		
1,2,4,5-Tetrachlorobenzene	91	92	70 - 130	2	30		

Client: Antea USA, Inc. Job Number: 460-24280-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68998

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-24280-4	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-68998	Lab File ID:	p10197.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	04/02/2011 0821			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-24280-4	Analysis Batch:	460-69508	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-68998	Lab File ID:	p10198.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.95 g
Analysis Date:	04/02/2011 0848			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 2024			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2,3,4,6-Tetrachlorophenol	86	90	70 - 130	5	30		

Client: Antea USA, Inc. Job Number: 460-24280-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68998

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-24280-4	Units:	ug/Kg	MSD Lab Sample ID:	460-24280-4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	04/02/2011 0821			Analysis Date:	04/02/2011 0848
Prep Date:	03/30/2011 2024			Prep Date:	03/30/2011 2024
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Phenol	350	U	7080	7110	5280	5340
2-Chlorophenol	350	U	7080	7110	5640	5720
2-Methylphenol	350	U	7080	7110	5510	5670
4-Methylphenol	350	U	7080	7110	4980	5060
Benzaldehyde	350	U	3540	3550	5500	5570
Acetophenone	350	U	3540	3550	2860	2930
Bis(2-chloroethyl)ether	35	U	3540	3550	3060	3010
2,2'-oxybis[1-chloropropane]	350	U	3540	3550	2910	2980
N-Nitrosodi-n-propylamine	35	U	3540	3550	3100	3180
Nitrobenzene	35	U	3540	3550	3060	3040
Hexachloroethane	35	U	3540	3550	2980	2970
Isophorone	350	U	3540	3550	3070	3120
2-Nitrophenol	350	U	7080	7110	6460	6490
2,4-Dimethylphenol	350	U	7080	7110	5840	6010
2,4-Dichlorophenol	350	U	7080	7110	5910	6010
Bis(2-chloroethoxy)methane	350	U	3540	3550	3160	3170
Naphthalene	350	U	3540	3550	3030	3040
4-Chloroaniline	350	U	3540	3550	2330	2430
Hexachlorobutadiene	71	U	3540	3550	3220	3190
Caprolactam	350	U	3540	3550	3220	3480
4-Chloro-3-methylphenol	350	U	7080	7110	5770	5990
2-Methylnaphthalene	350	U	3540	3550	3060	3050
Hexachlorobenzene	35	U	3540	3550	3330	3450
Hexachlorocyclopentadiene	350	U	3540	3550	3310	3370
2,4,6-Trichlorophenol	350	U	7080	7110	6090	6180
2,4,5-Trichlorophenol	350	U	7080	7110	6100	6260
Diphenyl	350	U	3540	3550	3180	3260
2-Chloronaphthalene	350	U	3540	3550	3130	3190
2-Nitroaniline	710	U	3540	3550	3020	3380
2,6-Dinitrotoluene	71	U	3540	3550	3140	3360
Dimethyl phthalate	350	U	3540	3550	3090	3290
Acenaphthylene	350	U	3540	3550	3050	3150
3-Nitroaniline	710	U	3540	3550	2320	2570
Acenaphthene	350	U	3540	3550	3110	3220
4-Nitrophenol	1100	U	7080	7110	3770	3410
2,4-Dinitrophenol	1100	U	7080	7110	5520	5860
Dibenzofuran	350	U	3540	3550	2980	3150
Diethyl phthalate	350	U	3540	3550	2980	3170
Fluorene	350	U	3540	3550	3000	3200
Fluoranthene	350	U	3540	3550	3250	3180
Di-n-butyl phthalate	350	U	3540	3550	3350	3360
2,4-Dinitrotoluene	71	U	3540	3550	2890	3130
4-Chlorophenyl phenyl ether	350	U	3540	3550	3020	3240

Client: Antea USA, Inc. Job Number: 460-24280-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68998

Method: 8270C
Preparation: 3541

MS Lab Sample ID:	460-24280-4	Units:	ug/Kg	MSD Lab Sample ID:	460-24280-4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	04/02/2011 0821			Analysis Date:	04/02/2011 0848
Prep Date:	03/30/2011 2024			Prep Date:	03/30/2011 2024
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
4-Nitroaniline	710	U	3540	3550	2720	2950
4,6-Dinitro-2-methylphenol	1100	U	7080	7110	6060	6180
4-Bromophenyl phenyl ether	350	U	3540	3550	3480	3560
Atrazine	350	U	3540	3550	2680	2660
Anthracene	350	U	3540	3550	3180	3270
Carbazole	350	U	3540	3550	3230	3180
Phenanthrene	350	U	3540	3550	3180	3250
Pentachlorophenol	1100	U	7080	7110	5660	5470
Pyrene	350	U	3540	3550	2900	3110
Chrysene	350	U	3540	3550	3240	3270
Benzo[k]fluoranthene	35	U	3540	3550	3150	3310
Benzo[g,h,i]perylene	350	U	3540	3550	3180	3250
Benzo[b]fluoranthene	35	U	3540	3550	3010	3130
Benzo[a]pyrene	35	U	3540	3550	3120	3120
Benzo[a]anthracene	35	U	3540	3550	3280	3350
N-Nitrosodiphenylamine	350	U	3540	3550	3390	3480
Butyl benzyl phthalate	350	U	3540	3550	3270	3370
Bis(2-ethylhexyl) phthalate	350	U	3540	3550	3270	3350
Di-n-octyl phthalate	350	U	3540	3550	3220	3400
Indeno[1,2,3-cd]pyrene	35	U	3540	3550	3200	3240
Dibenz(a,h)anthracene	35	U	3540	3550	3310	3320
3,3'-Dichlorobenzidine	710	U	3540	3550	2660	2570
1,2,4,5-Tetrachlorobenzene	350	U	3540	3550	3210	3270
2,3,4,6-Tetrachlorophenol	350	U	3540	3550	3030	3200

Client: Antea USA, Inc. Job Number: 460-24280-1

Method Blank - Batch: 460-68887

Method: 8082
Preparation: 3541

Lab Sample ID:	MB 460-68887/1-A	Analysis Batch:	460-69079	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-68887	Lab File ID:	or171001.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/31/2011 0145	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	03/30/2011 0402			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	67	U	13	67
Aroclor 1221	67	U	20	67
Aroclor 1232	67	U	38	67
Aroclor 1242	67	U	13	67
Aroclor 1248	67	U	18	67
Aroclor 1254	67	U	23	67
Aroclor 1260	67	U	7.5	67
Aroclor 1262	67	U	12	67
Aroclor 1268	67	U	12	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	127	30 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	118	30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Lab Control Sample - Batch: 460-68887 **Method: 8082**
Preparation: 3541

Lab Sample ID:	LCS 460-68887/2-A	Analysis Batch:	460-69079	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-68887	Lab File ID:	of171002.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/31/2011 0201	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	03/30/2011 0402			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	429	129	60 - 144	
Aroclor 1260	333	416	125	63 - 143	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	142	30 - 150

Lab Control Sample - Batch: 460-68887 **Method: 8082**
Preparation: 3541

Lab Sample ID:	LCS 460-68887/2-A	Analysis Batch:	460-69079	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-68887	Lab File ID:	or171002.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	03/31/2011 0201	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	03/30/2011 0402			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	407	122	60 - 144	
Aroclor 1260	333	386	116	63 - 143	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	133	30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68887

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-24280-1	Analysis Batch:	460-69079	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-68887	Lab File ID:	of171003.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	03/31/2011 0225			Final Weight/Volume:	10 mL
Prep Date:	03/30/2011 0402			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-24280-1	Analysis Batch:	460-69079	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-68887	Lab File ID:	of171004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	03/31/2011 0241			Final Weight/Volume:	10 mL
Prep Date:	03/30/2011 0402			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	137	113	60 - 144	19	30		
Aroclor 1260	126	104	63 - 143	18	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	148	125	30 - 150

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68887

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-24280-1	Analysis Batch:	460-69079	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-68887	Lab File ID:	or171003.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	03/31/2011 0225			Final Weight/Volume:	10 mL
Prep Date:	03/30/2011 0402			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-24280-1	Analysis Batch:	460-69079	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-68887	Lab File ID:	or171004.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	03/31/2011 0241			Final Weight/Volume:	10 mL
Prep Date:	03/30/2011 0402			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	123	108	60 - 144	13	30		
Aroclor 1260	120	99	63 - 143	18	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	136	115	30 - 150

Client: Antea USA, Inc. Job Number: 460-24280-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68887

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-24280-1	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	03/31/2011 0225		
Prep Date:	03/30/2011 0402		
Leach Date:	N/A		

MSD Lab Sample ID:	460-24280-1
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	03/31/2011 0241
Prep Date:	03/30/2011 0402
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	72	U	358	357	490	404
Aroclor 1260	25	J	358	357	477	397

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68887

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-24280-1	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	03/31/2011 0225		
Prep Date:	03/30/2011 0402		
Leach Date:	N/A		

MSD Lab Sample ID:	460-24280-1
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	03/31/2011 0241
Prep Date:	03/30/2011 0402
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor 1016	72	U	358	357	438	386
Aroclor 1260	19	J	358	357	447	374

Client: Antea USA, Inc. Job Number: 460-24280-1

Method Blank - Batch: 460-68954

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	MB 460-68954/1-A	Analysis Batch:	460-69393	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-68954	Lab File ID:	gcr60087.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.01 g
Analysis Date:	04/02/2011 1710	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			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	48 - 112
Chlorobenzene	67	32 - 106

Lab Control Sample - Batch: 460-68954

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	LCS 460-68954/2-A	Analysis Batch:	460-69832	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-68954	Lab File ID:	gcr60534.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	04/07/2011 1248	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Petroleum Hydrocarbons (C8-C40)	133	92.4	69	58 - 112	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	84	48 - 112
Chlorobenzene	55	32 - 106

Client: Antea USA, Inc. Job Number: 460-24280-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68954

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-24280-17	Analysis Batch:	460-69780	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-68954	Lab File ID:	gcr60433.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.03 g
Analysis Date:	04/06/2011 1227			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-24280-17	Analysis Batch:	460-69780	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-68954	Lab File ID:	gcr60434.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	04/06/2011 1239			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			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)	61	64	58 - 112	5	40		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
o-Terphenyl	99	101	48 - 112
Chlorobenzene	78	77	32 - 106

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68954

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-24280-17	Units:	mg/Kg	MSD Lab Sample ID:	460-24280-17
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	04/06/2011 1227			Analysis Date:	04/06/2011 1239
Prep Date:	03/30/2011 1000			Prep Date:	03/30/2011 1000
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)	9.7	142	142	95.8	100

Client: Antea USA, Inc. Job Number: 460-24280-1

Method Blank - Batch: 460-68966

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	MB 460-68966/1-A	Analysis Batch:	460-69393	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-68966	Lab File ID:	gcr60077.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	04/02/2011 1447	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			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	48 - 112
Chlorobenzene	65	32 - 106

Lab Control Sample - Batch: 460-68966

Method: NJ-OQA-QAM-025
Preparation: 3546

Lab Sample ID:	LCS 460-68966/2-A	Analysis Batch:	460-69393	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-68966	Lab File ID:	gcr60078.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	04/02/2011 1459	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Petroleum Hydrocarbons (C8-C40)	133	76.2	57	58 - 112	*

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	75	48 - 112
Chlorobenzene	55	32 - 106

Client: Antea USA, Inc. Job Number: 460-24280-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68966

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-24280-18	Analysis Batch:	460-69502	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-68966	Lab File ID:	gcr60342.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	04/05/2011 1329			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-24280-18	Analysis Batch:	460-69502	Instrument ID:	BNAGC1
Client Matrix:	Solid	Prep Batch:	460-68966	Lab File ID:	gcr60343.d
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	04/05/2011 1344			Final Weight/Volume:	1 mL
Prep Date:	03/30/2011 1000			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)	-104	-38	58 - 112	17	40	4	4

Surrogate	MS % Rec	MSD % Rec		Acceptance Limits
o-Terphenyl	112	113	X	48 - 112
Chlorobenzene	70	70		32 - 106

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68966

Method: NJ-OQA-QAM-025
Preparation: 3546

MS Lab Sample ID:	460-24280-18	Units:	mg/Kg	MSD Lab Sample ID:	460-24280-18
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	5.0			Dilution:	5.0
Analysis Date:	04/05/2011 1329			Analysis Date:	04/05/2011 1344
Prep Date:	03/30/2011 1000			Prep Date:	03/30/2011 1000
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)	660	145	145	512	4	608	4

Client: Antea USA, Inc. Job Number: 460-24280-1

Method Blank - Batch: 460-68663 **Method: 9251**
Preparation: N/A

Lab Sample ID:	MB 460-68663/5	Analysis Batch:	460-68663	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL032811.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/28/2011 0844	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Total Chloride	5.0	U	0.98	5.0

TCLP SPLPE Leachate Blank - Batch: 460-68663 **Method: 9251**
Preparation: N/A

Lab Sample ID:	LB 460-68387/1-A	Analysis Batch:	460-68663	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032811.xls
Dilution:	1.0	Leach Batch:	460-68387	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/28/2011 0844	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	03/24/2011 1256				

Analyte	Result	Qual	MDL	RL
Total Chloride	5.0	U	0.98	5.0

Lab Control Sample - Batch: 460-68663 **Method: 9251**
Preparation: N/A

Lab Sample ID:	LCS 460-68663/6	Analysis Batch:	460-68663	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL032811.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/28/2011 0844	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Chloride	59.0	57.20	97	85 - 115	

Client: Antea USA, Inc. Job Number: 460-24280-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68663

Method: 9251
Preparation: N/A

MS Lab Sample ID:	460-24279-A-6-A MS	Analysis Batch:	460-68663	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032811.xls
Dilution:	1.0	Leach Batch:	460-68387	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/28/2011 0906			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/24/2011 1256				

MSD Lab Sample ID:	460-24279-A-6-A MSD	Analysis Batch:	460-68663	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032811.xls
Dilution:	1.0	Leach Batch:	460-68387	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/28/2011 0906			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/24/2011 1256				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Total Chloride	99	100	80 - 120	1	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68663

Method: 9251
Preparation: N/A

MS Lab Sample ID:	460-24279-A-6-A MS	Units:	mg/Kg	MSD Lab Sample ID:	460-24279-A-6-A MSD
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/28/2011 0906			Analysis Date:	03/28/2011 0906
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	03/24/2011 1256			Leach Date:	03/24/2011 1256

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Total Chloride	29.0	J	1000	1000	1023	1029

Client: Antea USA, Inc. Job Number: 460-24280-1

Method Blank - Batch: 460-68688 **Method: 9251**
Preparation: N/A

Lab Sample ID:	MB 460-68688/5	Analysis Batch:	460-68688	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL032811A.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/28/2011 1057	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Total Chloride	5.0	U	0.98	5.0

TCLP SPLPE Leachate Blank - Batch: 460-68688 **Method: 9251**
Preparation: N/A

Lab Sample ID:	LB 460-68387/1-A	Analysis Batch:	460-68688	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032811A.xls
Dilution:	1.0	Leach Batch:	460-68387	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/28/2011 1057	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	03/24/2011 1256				

Analyte	Result	Qual	MDL	RL
Total Chloride	5.0	U	0.98	5.0

Lab Control Sample - Batch: 460-68688 **Method: 9251**
Preparation: N/A

Lab Sample ID:	LCS 460-68688/6	Analysis Batch:	460-68688	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL032811A.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/28/2011 1057	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Chloride	59.0	60.36	102	85 - 115	

Client: Antea USA, Inc. Job Number: 460-24280-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68688

Method: 9251
Preparation: N/A

MS Lab Sample ID:	460-24280-9	Analysis Batch:	460-68688	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032811A.xls
Dilution:	1.0	Leach Batch:	460-68387	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/28/2011 1155			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/24/2011 1330				

MSD Lab Sample ID:	460-24280-9	Analysis Batch:	460-68688	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032811A.xls
Dilution:	1.0	Leach Batch:	460-68387	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/28/2011 1155			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/24/2011 1330				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Total Chloride	101	101	80 - 120	0	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68688

Method: 9251
Preparation: N/A

MS Lab Sample ID:	460-24280-9	Units:	mg/Kg	MSD Lab Sample ID:	460-24280-9
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/28/2011 1155			Analysis Date:	03/28/2011 1155
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	03/24/2011 1330			Leach Date:	03/24/2011 1330

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Total Chloride	100	U	1000	1000	1007	1006

Client: Antea USA, Inc. Job Number: 460-24280-1

Method Blank - Batch: 460-68803 **Method: 9251**
Preparation: N/A

Lab Sample ID:	MB 460-68803/5	Analysis Batch:	460-68803	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL032911.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/29/2011 0950	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Total Chloride	5.0	U	0.98	5.0

TCLP SPLPE Leachate Blank - Batch: 460-68803 **Method: 9251**
Preparation: N/A

Lab Sample ID:	LB 460-68642/1-A	Analysis Batch:	460-68803	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032911.xls
Dilution:	1.0	Leach Batch:	460-68642	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/29/2011 0950	Units:	mg/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	03/28/2011 0956				

Analyte	Result	Qual	MDL	RL
Total Chloride	5.0	U	0.98	5.0

Lab Control Sample - Batch: 460-68803 **Method: 9251**
Preparation: N/A

Lab Sample ID:	LCS 460-68803/6	Analysis Batch:	460-68803	Instrument ID:	Konelab1
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	KL032911.xls
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/29/2011 0950	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Total Chloride	59.0	56.85	96	85 - 115	

Client: Antea USA, Inc. Job Number: 460-24280-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68803

Method: 9251
Preparation: N/A

MS Lab Sample ID:	460-24280-10	Analysis Batch:	460-68803	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032911.xls
Dilution:	1.0	Leach Batch:	460-68642	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/29/2011 1013			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/28/2011 0956				

MSD Lab Sample ID:	460-24280-10	Analysis Batch:	460-68803	Instrument ID:	Konelab1
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	KL032911.xls
Dilution:	1.0	Leach Batch:	460-68642	Initial Weight/Volume:	1.0 mL
Analysis Date:	03/29/2011 1013			Final Weight/Volume:	50 mL
Prep Date:	N/A				
Leach Date:	03/28/2011 0956				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Total Chloride	101	101	80 - 120	0	10		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-68803

Method: 9251
Preparation: N/A

MS Lab Sample ID:	460-24280-10	Units:	mg/Kg	MSD Lab Sample ID:	460-24280-10
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	03/29/2011 1013			Analysis Date:	03/29/2011 1013
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	03/28/2011 0956			Leach Date:	03/28/2011 0956

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Total Chloride	100	U	1000	1000	1010	1015

Client: Antea USA, Inc. Job Number: 460-24280-1

Duplicate - Batch: 460-68119

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-24280-15	Analysis Batch:	460-68119	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:	03/22/2011 1134	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	3.6	3.7	0.9	20	
Percent Solids	96.4	96.3	0.04	20	

DATA REPORTING QUALIFIERS

Client: Antea USA, Inc. Job Number: 460-24280-1

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.
	F	MS/MSD Recovery or RPD exceeds the control limits
	*	Recovery or RPD exceeds control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	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.
	E	Result exceeded calibration range.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
	X	Surrogate is outside control limits
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
	A	The tentatively identified compound is a suspected aldol-condensation product.

DATA REPORTING QUALIFIERS

Client: Antea USA, Inc. Job Number: 460-24280-1

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.
	*	Recovery or RPD exceeds control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	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.
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: 460-24280-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-67851					
460-24265-D-6-A MS	Matrix Spike	T	Solid	5035	
460-24265-D-6-A MSD	Matrix Spike Duplicate	T	Solid	5035	
Prep Batch: 460-67884					
460-24280-10	PMP-24-VS-E (1-3)	T	Solid	5035	
460-24280-11	PMP-24-VD-E (4.5-6.5)	T	Solid	5035	
460-24280-12	PMP-24-WT-E (6.5-8.5)	T	Solid	5035	
460-24280-13	PMP-24-SI-E (10.5-12.5)	T	Solid	5035	
460-24280-14	PMP-2-VD-E (3.5-4.0)	T	Solid	5035	
460-24280-15	PMP-2WT-E (8.0-8.5)	T	Solid	5035	
460-24280-16	PMP-2-SI-E (10.5-11.0)	T	Solid	5035	
460-24280-18	PMP-5-WT-E (8-8.5)	T	Solid	5035	
460-24280-19	PMP-5SI-E (10.5-11)	T	Solid	5035	
Prep Batch: 460-67886					
460-24280-1	PMP-25-VS-E (1-3)	T	Solid	5035	
460-24280-2	PMP-25-VD-E (3-5)	T	Solid	5035	
460-24280-3	PMP-25-WT-E (7.5-9.5)	T	Solid	5035	
460-24280-4	PMP-21-VD-E (3.5-4)	T	Solid	5035	
460-24280-5	PMP-21-WT-E (8-8.5)	T	Solid	5035	
460-24280-6	PMP-21-SI-E (10.5-11)	T	Solid	5035	
460-24280-7	PMP-1-VD-E (3.5-4.0)	T	Solid	5035	
460-24280-8	PMP-1-WT-E (8-8.5)	T	Solid	5035	
460-24280-9	PMP-1-SI-E (10.5-11.0)	T	Solid	5035	
460-24280-17	PMP-5-VD-E (3.5-4)	T	Solid	5035	
Analysis Batch:460-68728					
LCS 460-68728/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-68728/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-68728/5	Method Blank	T	Solid	8260B	
460-24280-1	PMP-25-VS-E (1-3)	T	Solid	8260B	460-67886
460-24280-2	PMP-25-VD-E (3-5)	T	Solid	8260B	460-67886
460-24280-3	PMP-25-WT-E (7.5-9.5)	T	Solid	8260B	460-67886
460-24280-4	PMP-21-VD-E (3.5-4)	T	Solid	8260B	460-67886
460-24280-5	PMP-21-WT-E (8-8.5)	T	Solid	8260B	460-67886
460-24280-6	PMP-21-SI-E (10.5-11)	T	Solid	8260B	460-67886
460-24280-7	PMP-1-VD-E (3.5-4.0)	T	Solid	8260B	460-67886
460-24280-8	PMP-1-WT-E (8-8.5)	T	Solid	8260B	460-67886
460-24280-17	PMP-5-VD-E (3.5-4)	T	Solid	8260B	460-67886

Client: Antea USA, Inc. Job Number: 460-24280-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-68934					
LCS 460-68934/3	Lab Control Sample	T	Solid	8260B	
MB 460-68934/4	Method Blank	T	Solid	8260B	
460-24265-D-6-A MS	Matrix Spike	T	Solid	8260B	460-67851
460-24265-D-6-A MSD	Matrix Spike Duplicate	T	Solid	8260B	460-67851
460-24280-10	PMP-24-VS-E (1-3)	T	Solid	8260B	460-67884
460-24280-14	PMP-2-VD-E (3.5-4.0)	T	Solid	8260B	460-67884
460-24280-15	PMP-2WT-E (8.0-8.5)	T	Solid	8260B	460-67884
460-24280-19	PMP-5SI-E (10.5-11)	T	Solid	8260B	460-67884
Analysis Batch:460-69040					
LCS 460-69040/3	Lab Control Sample	T	Solid	8260B	
LCSD 460-69040/4	Lab Control Sample Duplicate	T	Solid	8260B	
MB 460-69040/5	Method Blank	T	Solid	8260B	
460-24280-9	PMP-1-SI-E (10.5-11.0)	T	Solid	8260B	460-67886
Analysis Batch:460-69082					
LCS 460-69082/3	Lab Control Sample	T	Solid	8260B	
MB 460-69082/4	Method Blank	T	Solid	8260B	
460-24280-11	PMP-24-VD-E (4.5-6.5)	T	Solid	8260B	460-67884
460-24280-12	PMP-24-WT-E (6.5-8.5)	T	Solid	8260B	460-67884
460-24280-13	PMP-24-SI-E (10.5-12.5)	T	Solid	8260B	460-67884
460-24280-16	PMP-2-SI-E (10.5-11.0)	T	Solid	8260B	460-67884
460-24280-18	PMP-5-WT-E (8-8.5)	T	Solid	8260B	460-67884

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-24280-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-68998					
LCS 460-68998/2-A	Lab Control Sample	T	Solid	3541	
MB 460-68998/1-A	Method Blank	T	Solid	3541	
460-24280-1	PMP-25-VS-E (1-3)	T	Solid	3541	
460-24280-2	PMP-25-VD-E (3-5)	T	Solid	3541	
460-24280-3	PMP-25-WT-E (7.5-9.5)	T	Solid	3541	
460-24280-4	PMP-21-VD-E (3.5-4)	T	Solid	3541	
460-24280-4MS	Matrix Spike	T	Solid	3541	
460-24280-4MSD	Matrix Spike Duplicate	T	Solid	3541	
460-24280-5	PMP-21-WT-E (8-8.5)	T	Solid	3541	
460-24280-6	PMP-21-SI-E (10.5-11)	T	Solid	3541	
460-24280-7	PMP-1-VD-E (3.5-4.0)	T	Solid	3541	
460-24280-8	PMP-1-WT-E (8-8.5)	T	Solid	3541	
460-24280-9	PMP-1-SI-E (10.5-11.0)	T	Solid	3541	
460-24280-10	PMP-24-VS-E (1-3)	T	Solid	3541	
460-24280-11	PMP-24-VD-E (4.5-6.5)	T	Solid	3541	
460-24280-12	PMP-24-WT-E (6.5-8.5)	T	Solid	3541	
460-24280-13	PMP-24-SI-E (10.5-12.5)	T	Solid	3541	
460-24280-14	PMP-2-VD-E (3.5-4.0)	T	Solid	3541	
460-24280-15DL	PMP-2WT-E (8.0-8.5)	T	Solid	3541	
460-24280-16	PMP-2-SI-E (10.5-11.0)	T	Solid	3541	
460-24280-17	PMP-5-VD-E (3.5-4)	T	Solid	3541	
460-24280-18	PMP-5-WT-E (8-8.5)	T	Solid	3541	
460-24280-19	PMP-5SI-E (10.5-11)	T	Solid	3541	
Analysis Batch:460-69439					
460-24280-13	PMP-24-SI-E (10.5-12.5)	T	Solid	8270C	460-68998
460-24280-17	PMP-5-VD-E (3.5-4)	T	Solid	8270C	460-68998

Client: Antea USA, Inc. Job Number: 460-24280-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:460-69508					
LCS 460-68998/2-A	Lab Control Sample	T	Solid	8270C	460-68998
MB 460-68998/1-A	Method Blank	T	Solid	8270C	460-68998
460-24280-1	PMP-25-VS-E (1-3)	T	Solid	8270C	460-68998
460-24280-2	PMP-25-VD-E (3-5)	T	Solid	8270C	460-68998
460-24280-3	PMP-25-WT-E (7.5-9.5)	T	Solid	8270C	460-68998
460-24280-4	PMP-21-VD-E (3.5-4)	T	Solid	8270C	460-68998
460-24280-4MS	Matrix Spike	T	Solid	8270C	460-68998
460-24280-4MSD	Matrix Spike Duplicate	T	Solid	8270C	460-68998
460-24280-5	PMP-21-WT-E (8-8.5)	T	Solid	8270C	460-68998
460-24280-6	PMP-21-SI-E (10.5-11)	T	Solid	8270C	460-68998
460-24280-7	PMP-1-VD-E (3.5-4.0)	T	Solid	8270C	460-68998
460-24280-8	PMP-1-WT-E (8-8.5)	T	Solid	8270C	460-68998
460-24280-9	PMP-1-SI-E (10.5-11.0)	T	Solid	8270C	460-68998
460-24280-10	PMP-24-VS-E (1-3)	T	Solid	8270C	460-68998
460-24280-11	PMP-24-VD-E (4.5-6.5)	T	Solid	8270C	460-68998
460-24280-12	PMP-24-WT-E (6.5-8.5)	T	Solid	8270C	460-68998
460-24280-14	PMP-2-VD-E (3.5-4.0)	T	Solid	8270C	460-68998
Analysis Batch:460-69541					
460-24280-16	PMP-2-SI-E (10.5-11.0)	T	Solid	8270C	460-68998
Analysis Batch:460-69678					
460-24280-15DL	PMP-2WT-E (8.0-8.5)	T	Solid	8270C	460-68998
Analysis Batch:460-69824					
460-24280-18	PMP-5-WT-E (8-8.5)	T	Solid	8270C	460-68998
460-24280-19	PMP-5SI-E (10.5-11)	T	Solid	8270C	460-68998

Report Basis

T = Total

Client: Antea USA, Inc. Job Number: 460-24280-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-68887					
LCS 460-68887/2-A	Lab Control Sample	T	Solid	3541	
MB 460-68887/1-A	Method Blank	T	Solid	3541	
460-24280-1	PMP-25-VS-E (1-3)	T	Solid	3541	
460-24280-1MS	Matrix Spike	T	Solid	3541	
460-24280-1MSD	Matrix Spike Duplicate	T	Solid	3541	
460-24280-2	PMP-25-VD-E (3-5)	T	Solid	3541	
460-24280-3	PMP-25-WT-E (7.5-9.5)	T	Solid	3541	
460-24280-4	PMP-21-VD-E (3.5-4)	T	Solid	3541	
460-24280-5	PMP-21-WT-E (8-8.5)	T	Solid	3541	
460-24280-6	PMP-21-SI-E (10.5-11)	T	Solid	3541	
460-24280-7	PMP-1-VD-E (3.5-4.0)	T	Solid	3541	
460-24280-8	PMP-1-WT-E (8-8.5)	T	Solid	3541	
460-24280-9	PMP-1-SI-E (10.5-11.0)	T	Solid	3541	
460-24280-10	PMP-24-VS-E (1-3)	T	Solid	3541	
460-24280-11	PMP-24-VD-E (4.5-6.5)	T	Solid	3541	
460-24280-12	PMP-24-WT-E (6.5-8.5)	T	Solid	3541	
460-24280-13	PMP-24-SI-E (10.5-12.5)	T	Solid	3541	
460-24280-14	PMP-2-VD-E (3.5-4.0)	T	Solid	3541	
460-24280-15	PMP-2WT-E (8.0-8.5)	T	Solid	3541	
460-24280-16	PMP-2-SI-E (10.5-11.0)	T	Solid	3541	
460-24280-17	PMP-5-VD-E (3.5-4)	T	Solid	3541	
460-24280-18	PMP-5-WT-E (8-8.5)	T	Solid	3541	
460-24280-19	PMP-5SI-E (10.5-11)	T	Solid	3541	

Client: Antea USA, Inc. Job Number: 460-24280-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-68954					
LCS 460-68954/2-A	Lab Control Sample	T	Solid	3546	
MB 460-68954/1-A	Method Blank	T	Solid	3546	
460-24280-1	PMP-25-VS-E (1-3)	T	Solid	3546	
460-24280-2	PMP-25-VD-E (3-5)	T	Solid	3546	
460-24280-3	PMP-25-WT-E (7.5-9.5)	T	Solid	3546	
460-24280-4	PMP-21-VD-E (3.5-4)	T	Solid	3546	
460-24280-5	PMP-21-WT-E (8-8.5)	T	Solid	3546	
460-24280-6	PMP-21-SI-E (10.5-11)	T	Solid	3546	
460-24280-7	PMP-1-VD-E (3.5-4.0)	T	Solid	3546	
460-24280-8	PMP-1-WT-E (8-8.5)	T	Solid	3546	
460-24280-9	PMP-1-SI-E (10.5-11.0)	T	Solid	3546	
460-24280-10	PMP-24-VS-E (1-3)	T	Solid	3546	
460-24280-11	PMP-24-VD-E (4.5-6.5)	T	Solid	3546	
460-24280-12	PMP-24-WT-E (6.5-8.5)	T	Solid	3546	
460-24280-13	PMP-24-SI-E (10.5-12.5)	T	Solid	3546	
460-24280-14	PMP-2-VD-E (3.5-4.0)	T	Solid	3546	
460-24280-15	PMP-2WT-E (8.0-8.5)	T	Solid	3546	
460-24280-16	PMP-2-SI-E (10.5-11.0)	T	Solid	3546	
460-24280-17	PMP-5-VD-E (3.5-4)	T	Solid	3546	
460-24280-17MS	Matrix Spike	T	Solid	3546	
460-24280-17MSD	Matrix Spike Duplicate	T	Solid	3546	
Prep Batch: 460-68966					
LCS 460-68966/2-A	Lab Control Sample	T	Solid	3546	
MB 460-68966/1-A	Method Blank	T	Solid	3546	
460-24280-18	PMP-5-WT-E (8-8.5)	T	Solid	3546	
460-24280-18MS	Matrix Spike	T	Solid	3546	
460-24280-18MSD	Matrix Spike Duplicate	T	Solid	3546	
460-24280-19	PMP-5SI-E (10.5-11)	T	Solid	3546	
Analysis Batch:460-69079					
LCS 460-68887/2-A	Lab Control Sample	T	Solid	8082	460-68887
MB 460-68887/1-A	Method Blank	T	Solid	8082	460-68887
460-24280-1	PMP-25-VS-E (1-3)	T	Solid	8082	460-68887
460-24280-1MS	Matrix Spike	T	Solid	8082	460-68887
460-24280-1MSD	Matrix Spike Duplicate	T	Solid	8082	460-68887
460-24280-2	PMP-25-VD-E (3-5)	T	Solid	8082	460-68887
460-24280-3	PMP-25-WT-E (7.5-9.5)	T	Solid	8082	460-68887
460-24280-4	PMP-21-VD-E (3.5-4)	T	Solid	8082	460-68887
460-24280-5	PMP-21-WT-E (8-8.5)	T	Solid	8082	460-68887
460-24280-6	PMP-21-SI-E (10.5-11)	T	Solid	8082	460-68887
460-24280-7	PMP-1-VD-E (3.5-4.0)	T	Solid	8082	460-68887
460-24280-8	PMP-1-WT-E (8-8.5)	T	Solid	8082	460-68887
460-24280-9	PMP-1-SI-E (10.5-11.0)	T	Solid	8082	460-68887

Client: Antea USA, Inc. Job Number: 460-24280-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-69083					
460-24280-17	PMP-5-VD-E (3.5-4)	T	Solid	8082	460-68887
Analysis Batch:460-69122					
460-24280-10	PMP-24-VS-E (1-3)	T	Solid	8082	460-68887
460-24280-11	PMP-24-VD-E (4.5-6.5)	T	Solid	8082	460-68887
460-24280-12	PMP-24-WT-E (6.5-8.5)	T	Solid	8082	460-68887
460-24280-13	PMP-24-SI-E (10.5-12.5)	T	Solid	8082	460-68887
460-24280-14	PMP-2-VD-E (3.5-4.0)	T	Solid	8082	460-68887
460-24280-15	PMP-2WT-E (8.0-8.5)	T	Solid	8082	460-68887
460-24280-16	PMP-2-SI-E (10.5-11.0)	T	Solid	8082	460-68887
Analysis Batch:460-69162					
460-24280-18	PMP-5-WT-E (8-8.5)	T	Solid	8082	460-68887
460-24280-19	PMP-5SI-E (10.5-11)	T	Solid	8082	460-68887
Analysis Batch:460-69393					
MB 460-68954/1-A	Method Blank	T	Solid	NJ-OQA-QAM-02	460-68954
LCS 460-68966/2-A	Lab Control Sample	T	Solid	NJ-OQA-QAM-02	460-68966
MB 460-68966/1-A	Method Blank	T	Solid	NJ-OQA-QAM-02	460-68966
460-24280-1	PMP-25-VS-E (1-3)	T	Solid	NJ-OQA-QAM-02	460-68954
460-24280-2	PMP-25-VD-E (3-5)	T	Solid	NJ-OQA-QAM-02	460-68954
460-24280-3	PMP-25-WT-E (7.5-9.5)	T	Solid	NJ-OQA-QAM-02	460-68954
460-24280-4	PMP-21-VD-E (3.5-4)	T	Solid	NJ-OQA-QAM-02	460-68954
460-24280-5	PMP-21-WT-E (8-8.5)	T	Solid	NJ-OQA-QAM-02	460-68954
460-24280-9	PMP-1-SI-E (10.5-11.0)	T	Solid	NJ-OQA-QAM-02	460-68954
Analysis Batch:460-69502					
460-24280-10	PMP-24-VS-E (1-3)	T	Solid	NJ-OQA-QAM-02	460-68954
460-24280-11	PMP-24-VD-E (4.5-6.5)	T	Solid	NJ-OQA-QAM-02	460-68954
460-24280-12	PMP-24-WT-E (6.5-8.5)	T	Solid	NJ-OQA-QAM-02	460-68954
460-24280-13	PMP-24-SI-E (10.5-12.5)	T	Solid	NJ-OQA-QAM-02	460-68954
460-24280-14	PMP-2-VD-E (3.5-4.0)	T	Solid	NJ-OQA-QAM-02	460-68954
460-24280-15	PMP-2WT-E (8.0-8.5)	T	Solid	NJ-OQA-QAM-02	460-68954
460-24280-16	PMP-2-SI-E (10.5-11.0)	T	Solid	NJ-OQA-QAM-02	460-68954
460-24280-18	PMP-5-WT-E (8-8.5)	T	Solid	NJ-OQA-QAM-02	460-68966
460-24280-18MS	Matrix Spike	T	Solid	NJ-OQA-QAM-02	460-68966
460-24280-18MSD	Matrix Spike Duplicate	T	Solid	NJ-OQA-QAM-02	460-68966
460-24280-19	PMP-5SI-E (10.5-11)	T	Solid	NJ-OQA-QAM-02	460-68966
Analysis Batch:460-69780					
460-24280-17	PMP-5-VD-E (3.5-4)	T	Solid	NJ-OQA-QAM-02	460-68954
460-24280-17MS	Matrix Spike	T	Solid	NJ-OQA-QAM-02	460-68954
460-24280-17MSD	Matrix Spike Duplicate	T	Solid	NJ-OQA-QAM-02	460-68954

Client: Antea USA, Inc. Job Number: 460-24280-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-69832					
LCS 460-68954/2-A	Lab Control Sample	T	Solid	NJ-OQA-QAM-02	460-68954
460-24280-6	PMP-21-SI-E (10.5-11)	T	Solid	NJ-OQA-QAM-02	460-68954
460-24280-7	PMP-1-VD-E (3.5-4.0)	T	Solid	NJ-OQA-QAM-02	460-68954
460-24280-8	PMP-1-WT-E (8-8.5)	T	Solid	NJ-OQA-QAM-02	460-68954

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-24280-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-68119					
460-24280-1	PMP-25-VS-E (1-3)	T	Solid	Moisture	
460-24280-2	PMP-25-VD-E (3-5)	T	Solid	Moisture	
460-24280-3	PMP-25-WT-E (7.5-9.5)	T	Solid	Moisture	
460-24280-4	PMP-21-VD-E (3.5-4)	T	Solid	Moisture	
460-24280-5	PMP-21-WT-E (8-8.5)	T	Solid	Moisture	
460-24280-6	PMP-21-SI-E (10.5-11)	T	Solid	Moisture	
460-24280-7	PMP-1-VD-E (3.5-4.0)	T	Solid	Moisture	
460-24280-8	PMP-1-WT-E (8-8.5)	T	Solid	Moisture	
460-24280-9	PMP-1-SI-E (10.5-11.0)	T	Solid	Moisture	
460-24280-10	PMP-24-VS-E (1-3)	T	Solid	Moisture	
460-24280-11	PMP-24-VD-E (4.5-6.5)	T	Solid	Moisture	
460-24280-12	PMP-24-WT-E (6.5-8.5)	T	Solid	Moisture	
460-24280-13	PMP-24-SI-E (10.5-12.5)	T	Solid	Moisture	
460-24280-14	PMP-2-VD-E (3.5-4.0)	T	Solid	Moisture	
460-24280-15	PMP-2WT-E (8.0-8.5)	T	Solid	Moisture	
460-24280-15DU	Duplicate	T	Solid	Moisture	
460-24280-16	PMP-2-SI-E (10.5-11.0)	T	Solid	Moisture	
460-24280-17	PMP-5-VD-E (3.5-4)	T	Solid	Moisture	
460-24280-18	PMP-5-WT-E (8-8.5)	T	Solid	Moisture	
460-24280-19	PMP-5SI-E (10.5-11)	T	Solid	Moisture	
Prep Batch: 460-68387					
LB 460-68387/1-A	TCLP SPLPE Leachate Blank	T	Solid	D3987-85	
460-24279-A-6-A MS	Matrix Spike	T	Solid	D3987-85	
460-24279-A-6-A MSD	Matrix Spike Duplicate	T	Solid	D3987-85	
460-24280-1	PMP-25-VS-E (1-3)	T	Solid	D3987-85	
460-24280-2	PMP-25-VD-E (3-5)	T	Solid	D3987-85	
460-24280-3	PMP-25-WT-E (7.5-9.5)	T	Solid	D3987-85	
460-24280-4	PMP-21-VD-E (3.5-4)	T	Solid	D3987-85	
460-24280-5	PMP-21-WT-E (8-8.5)	T	Solid	D3987-85	
460-24280-6	PMP-21-SI-E (10.5-11)	T	Solid	D3987-85	
460-24280-7	PMP-1-VD-E (3.5-4.0)	T	Solid	D3987-85	
460-24280-8	PMP-1-WT-E (8-8.5)	T	Solid	D3987-85	
460-24280-9	PMP-1-SI-E (10.5-11.0)	T	Solid	D3987-85	
460-24280-9MS	Matrix Spike	T	Solid	D3987-85	
460-24280-9MSD	Matrix Spike Duplicate	T	Solid	D3987-85	

Client: Antea USA, Inc. Job Number: 460-24280-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Prep Batch: 460-68642					
LB 460-68642/1-A	TCLP SPLPE Leachate Blank	T	Solid	D3987-85	
460-24280-10	PMP-24-VS-E (1-3)	T	Solid	D3987-85	
460-24280-10MS	Matrix Spike	T	Solid	D3987-85	
460-24280-10MSD	Matrix Spike Duplicate	T	Solid	D3987-85	
460-24280-11	PMP-24-VD-E (4.5-6.5)	T	Solid	D3987-85	
460-24280-12	PMP-24-WT-E (6.5-8.5)	T	Solid	D3987-85	
460-24280-13	PMP-24-SI-E (10.5-12.5)	T	Solid	D3987-85	
460-24280-14	PMP-2-VD-E (3.5-4.0)	T	Solid	D3987-85	
460-24280-15	PMP-2WT-E (8.0-8.5)	T	Solid	D3987-85	
460-24280-16	PMP-2-SI-E (10.5-11.0)	T	Solid	D3987-85	
460-24280-17	PMP-5-VD-E (3.5-4)	T	Solid	D3987-85	
460-24280-18	PMP-5-WT-E (8-8.5)	T	Solid	D3987-85	
460-24280-19	PMP-5SI-E (10.5-11)	T	Solid	D3987-85	
Analysis Batch:460-68663					
LB 460-68387/1-A	TCLP SPLPE Leachate Blank	T	Solid	9251	
LCS 460-68663/6	Lab Control Sample	T	Water	9251	
MB 460-68663/5	Method Blank	T	Water	9251	
460-24279-A-6-A MS	Matrix Spike	T	Solid	9251	
460-24279-A-6-A MSD	Matrix Spike Duplicate	T	Solid	9251	
460-24280-1	PMP-25-VS-E (1-3)	T	Solid	9251	
460-24280-2	PMP-25-VD-E (3-5)	T	Solid	9251	
460-24280-3	PMP-25-WT-E (7.5-9.5)	T	Solid	9251	
460-24280-4	PMP-21-VD-E (3.5-4)	T	Solid	9251	
460-24280-5	PMP-21-WT-E (8-8.5)	T	Solid	9251	
460-24280-6	PMP-21-SI-E (10.5-11)	T	Solid	9251	
460-24280-7	PMP-1-VD-E (3.5-4.0)	T	Solid	9251	
460-24280-8	PMP-1-WT-E (8-8.5)	T	Solid	9251	
Analysis Batch:460-68688					
LB 460-68387/1-A	TCLP SPLPE Leachate Blank	T	Solid	9251	
LCS 460-68688/6	Lab Control Sample	T	Water	9251	
MB 460-68688/5	Method Blank	T	Water	9251	
460-24280-9	PMP-1-SI-E (10.5-11.0)	T	Solid	9251	
460-24280-9MS	Matrix Spike	T	Solid	9251	
460-24280-9MSD	Matrix Spike Duplicate	T	Solid	9251	

Client: Antea USA, Inc. Job Number: 460-24280-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-68803					
LB 460-68642/1-A	TCLP SPLPE Leachate Blank	T	Solid	9251	
LCS 460-68803/6	Lab Control Sample	T	Water	9251	
MB 460-68803/5	Method Blank	T	Water	9251	
460-24280-10	PMP-24-VS-E (1-3)	T	Solid	9251	
460-24280-10MS	Matrix Spike	T	Solid	9251	
460-24280-10MSD	Matrix Spike Duplicate	T	Solid	9251	
460-24280-11	PMP-24-VD-E (4.5-6.5)	T	Solid	9251	
460-24280-12	PMP-24-WT-E (6.5-8.5)	T	Solid	9251	
460-24280-13	PMP-24-SI-E (10.5-12.5)	T	Solid	9251	
460-24280-14	PMP-2-VD-E (3.5-4.0)	T	Solid	9251	
460-24280-15	PMP-2WT-E (8.0-8.5)	T	Solid	9251	
460-24280-16	PMP-2-SI-E (10.5-11.0)	T	Solid	9251	
460-24280-17	PMP-5-VD-E (3.5-4)	T	Solid	9251	
460-24280-18	PMP-5-WT-E (8-8.5)	T	Solid	9251	
460-24280-19	PMP-5SI-E (10.5-11)	T	Solid	9251	

Report Basis
T = Total

Client: Antea USA, Inc. Job Number: 460-24280-1

Laboratory Chronicle

Lab ID: 460-24280-1 **Client ID: PMP-25-VS-E (1-3)**

Sample Date/Time: 03/17/2011 09:04 Received Date/Time: 03/18/2011 16:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24280-B-1-A		460-68728	460-67886	03/19/2011 00:49	1	TAL EDI	FJ
A:8260B	460-24280-B-1-A		460-68728	460-67886	03/28/2011 22:24	1	TAL EDI	EM
P:3541	460-24280-F-1-E		460-69508	460-68998	03/30/2011 20:24	1	TAL EDI	JH
A:8270C	460-24280-F-1-E		460-69508	460-68998	04/02/2011 06:32	1	TAL EDI	MC
P:3541	460-24280-F-1-C		460-69079	460-68887	03/30/2011 04:02	1	TAL EDI	ARA
A:8082	460-24280-F-1-C		460-69079	460-68887	03/31/2011 02:57	1	TAL EDI	SD
P:3546	460-24280-F-1-D		460-69393	460-68954	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24280-F-1-D		460-69393	460-68954	04/02/2011 18:16	1	TAL EDI	MY
A:9251	460-24280-A-1-A		460-68663		03/28/2011 08:48	1	TAL EDI	MB
A:Moisture	460-24280-A-1		460-68119		03/22/2011 11:33	1	TAL EDI	CR

Lab ID: 460-24280-1 MS **Client ID: PMP-25-VS-E (1-3)**

Sample Date/Time: 03/17/2011 09:04 Received Date/Time: 03/18/2011 16:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-24280-F-1-A MS		460-69079	460-68887	03/30/2011 04:02	1	TAL EDI	ARA
A:8082	460-24280-F-1-A MS		460-69079	460-68887	03/31/2011 02:25	1	TAL EDI	SD

Lab ID: 460-24280-1 MSD **Client ID: PMP-25-VS-E (1-3)**

Sample Date/Time: 03/17/2011 09:04 Received Date/Time: 03/18/2011 16:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-24280-F-1-B MSD		460-69079	460-68887	03/30/2011 04:02	1	TAL EDI	ARA
A:8082	460-24280-F-1-B MSD		460-69079	460-68887	03/31/2011 02:41	1	TAL EDI	SD

Client: Antea USA, Inc. Job Number: 460-24280-1

Laboratory Chronicle

Lab ID: 460-24280-2 **Client ID: PMP-25-VD-E (3-5)**

Sample Date/Time: 03/17/2011 09:09 Received Date/Time: 03/18/2011 16:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24280-B-2-A		460-68728	460-67886	03/19/2011 00:50	1	TAL EDI	FJ
A:8260B	460-24280-B-2-A		460-68728	460-67886	03/28/2011 22:49	1	TAL EDI	EM
P:3541	460-24280-F-2-C		460-69508	460-68998	03/30/2011 20:24	1	TAL EDI	JH
A:8270C	460-24280-F-2-C		460-69508	460-68998	04/02/2011 06:59	1	TAL EDI	MC
P:3541	460-24280-F-2-A		460-69079	460-68887	03/30/2011 04:02	1	TAL EDI	ARA
A:8082	460-24280-F-2-A		460-69079	460-68887	03/31/2011 03:13	1	TAL EDI	SD
P:3546	460-24280-F-2-B		460-69393	460-68954	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24280-F-2-B		460-69393	460-68954	04/02/2011 18:31	1	TAL EDI	MY
A:9251	460-24280-A-2-A		460-68663		03/28/2011 08:48	1	TAL EDI	MB
A:Moisture	460-24280-A-2		460-68119		03/22/2011 11:33	1	TAL EDI	CR

Lab ID: 460-24280-3 **Client ID: PMP-25-WT-E (7.5-9.5)**

Sample Date/Time: 03/17/2011 09:15 Received Date/Time: 03/18/2011 16:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24280-B-3-A		460-68728	460-67886	03/19/2011 00:50	1	TAL EDI	FJ
A:8260B	460-24280-B-3-A		460-68728	460-67886	03/28/2011 23:14	1	TAL EDI	EM
P:3541	460-24280-F-3-C		460-69508	460-68998	03/30/2011 20:24	1	TAL EDI	JH
A:8270C	460-24280-F-3-C		460-69508	460-68998	04/02/2011 07:27	1	TAL EDI	MC
P:3541	460-24280-F-3-A		460-69079	460-68887	03/30/2011 04:02	1	TAL EDI	ARA
A:8082	460-24280-F-3-A		460-69079	460-68887	03/31/2011 03:30	1	TAL EDI	SD
P:3546	460-24280-F-3-B		460-69393	460-68954	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24280-F-3-B		460-69393	460-68954	04/02/2011 18:57	1	TAL EDI	MY
A:9251	460-24280-A-3-A		460-68663		03/28/2011 08:48	1	TAL EDI	MB
A:Moisture	460-24280-A-3		460-68119		03/22/2011 11:33	1	TAL EDI	CR

Client: Antea USA, Inc. Job Number: 460-24280-1

Laboratory Chronicle

Lab ID: 460-24280-4 **Client ID: PMP-21-VD-E (3.5-4)**

Sample Date/Time: 03/17/2011 09:20 Received Date/Time: 03/18/2011 16:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24280-B-4-A		460-68728	460-67886	03/19/2011 00:51	1	TAL EDI	FJ
A:8260B	460-24280-B-4-A		460-68728	460-67886	03/28/2011 23:38	1	TAL EDI	EM
P:3541	460-24280-F-4-E		460-69508	460-68998	03/30/2011 20:24	1	TAL EDI	JH
A:8270C	460-24280-F-4-E		460-69508	460-68998	04/02/2011 07:54	1	TAL EDI	MC
P:3541	460-24280-F-4-A		460-69079	460-68887	03/30/2011 04:02	1	TAL EDI	ARA
A:8082	460-24280-F-4-A		460-69079	460-68887	03/31/2011 03:54	1	TAL EDI	SD
P:3546	460-24280-F-4-B		460-69393	460-68954	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24280-F-4-B		460-69393	460-68954	04/02/2011 19:05	1	TAL EDI	MY
A:9251	460-24280-A-4-A		460-68663		03/28/2011 08:48	1	TAL EDI	MB
A:Moisture	460-24280-A-4		460-68119		03/22/2011 11:33	1	TAL EDI	CR

Lab ID: 460-24280-4 MS **Client ID: PMP-21-VD-E (3.5-4)**

Sample Date/Time: 03/17/2011 09:20 Received Date/Time: 03/18/2011 16:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-24280-F-4-C MS		460-69508	460-68998	03/30/2011 20:24	1	TAL EDI	JH
A:8270C	460-24280-F-4-C MS		460-69508	460-68998	04/02/2011 08:21	1	TAL EDI	MC

Lab ID: 460-24280-4 MSD **Client ID: PMP-21-VD-E (3.5-4)**

Sample Date/Time: 03/17/2011 09:20 Received Date/Time: 03/18/2011 16:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-24280-F-4-D MSD		460-69508	460-68998	03/30/2011 20:24	1	TAL EDI	JH
A:8270C	460-24280-F-4-D MSD		460-69508	460-68998	04/02/2011 08:48	1	TAL EDI	MC

Client: Antea USA, Inc. Job Number: 460-24280-1

Laboratory Chronicle

Lab ID: 460-24280-5 **Client ID: PMP-21-WT-E (8-8.5)**

Sample Date/Time: 03/17/2011 09:25 Received Date/Time: 03/18/2011 16:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24280-B-5-A		460-68728	460-67886	03/19/2011 00:51	1	TAL EDI	FJ
A:8260B	460-24280-B-5-A		460-68728	460-67886	03/29/2011 00:03	1	TAL EDI	EM
P:3541	460-24280-F-5-C		460-69508	460-68998	03/30/2011 20:24	1	TAL EDI	JH
A:8270C	460-24280-F-5-C		460-69508	460-68998	04/02/2011 09:15	1	TAL EDI	MC
P:3541	460-24280-F-5-A		460-69079	460-68887	03/30/2011 04:02	1	TAL EDI	ARA
A:8082	460-24280-F-5-A		460-69079	460-68887	03/31/2011 04:11	1	TAL EDI	SD
P:3546	460-24280-F-5-B		460-69393	460-68954	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24280-F-5-B		460-69393	460-68954	04/02/2011 19:15	1	TAL EDI	MY
A:9251	460-24280-A-5-A		460-68663		03/28/2011 08:48	1	TAL EDI	MB
A:Moisture	460-24280-A-5		460-68119		03/22/2011 11:33	1	TAL EDI	CR

Lab ID: 460-24280-6 **Client ID: PMP-21-SI-E (10.5-11)**

Sample Date/Time: 03/17/2011 09:30 Received Date/Time: 03/18/2011 16:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24280-B-6-A		460-68728	460-67886	03/19/2011 00:52	1	TAL EDI	FJ
A:8260B	460-24280-B-6-A		460-68728	460-67886	03/29/2011 00:28	1	TAL EDI	EM
P:3541	460-24280-F-6-C		460-69508	460-68998	03/30/2011 20:24	1	TAL EDI	JH
A:8270C	460-24280-F-6-C		460-69508	460-68998	04/02/2011 09:42	1	TAL EDI	MC
P:3541	460-24280-F-6-A		460-69079	460-68887	03/30/2011 04:02	1	TAL EDI	ARA
A:8082	460-24280-F-6-A		460-69079	460-68887	03/31/2011 04:27	1	TAL EDI	SD
P:3546	460-24280-F-6-B		460-69832	460-68954	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24280-F-6-B		460-69832	460-68954	04/07/2011 13:03	1	TAL EDI	HP
A:9251	460-24280-A-6-A		460-68663		03/28/2011 08:48	1	TAL EDI	MB
A:Moisture	460-24280-A-6		460-68119		03/22/2011 11:33	1	TAL EDI	CR

Client: Antea USA, Inc. Job Number: 460-24280-1

Laboratory Chronicle

Lab ID: 460-24280-7 **Client ID: PMP-1-VD-E (3.5-4.0)**

Sample Date/Time: 03/17/2011 09:40 Received Date/Time: 03/18/2011 16:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24280-B-7-A		460-68728	460-67886	03/19/2011 00:52	1	TAL EDI	FJ
A:8260B	460-24280-B-7-A		460-68728	460-67886	03/29/2011 00:53	1	TAL EDI	EM
P:3541	460-24280-F-7-C		460-69508	460-68998	03/30/2011 20:24	1	TAL EDI	JH
A:8270C	460-24280-F-7-C		460-69508	460-68998	04/02/2011 10:09	1	TAL EDI	MC
P:3541	460-24280-F-7-A		460-69079	460-68887	03/30/2011 04:02	1	TAL EDI	ARA
A:8082	460-24280-F-7-A		460-69079	460-68887	03/31/2011 04:43	1	TAL EDI	SD
P:3546	460-24280-F-7-B		460-69832	460-68954	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24280-F-7-B		460-69832	460-68954	04/07/2011 13:17	1	TAL EDI	HP
A:9251	460-24280-A-7-A		460-68663		03/28/2011 08:50	1	TAL EDI	MB
A:Moisture	460-24280-A-7		460-68119		03/22/2011 11:33	1	TAL EDI	CR

Lab ID: 460-24280-8 **Client ID: PMP-1-WT-E (8-8.5)**

Sample Date/Time: 03/17/2011 09:45 Received Date/Time: 03/18/2011 16:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24280-B-8-A		460-68728	460-67886	03/19/2011 00:53	1	TAL EDI	FJ
A:8260B	460-24280-B-8-A		460-68728	460-67886	03/28/2011 21:34	1	TAL EDI	EM
P:3541	460-24280-F-8-C		460-69508	460-68998	03/30/2011 20:24	1	TAL EDI	JH
A:8270C	460-24280-F-8-C		460-69508	460-68998	04/02/2011 10:36	1	TAL EDI	MC
P:3541	460-24280-F-8-A		460-69079	460-68887	03/30/2011 04:02	1	TAL EDI	ARA
A:8082	460-24280-F-8-A		460-69079	460-68887	03/31/2011 04:59	1	TAL EDI	SD
P:3546	460-24280-F-8-B		460-69832	460-68954	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24280-F-8-B		460-69832	460-68954	04/07/2011 14:22	1	TAL EDI	HP
A:9251	460-24280-A-8-A		460-68663		03/28/2011 08:50	1	TAL EDI	MB
A:Moisture	460-24280-A-8		460-68119		03/22/2011 11:33	1	TAL EDI	CR

Client: Antea USA, Inc. Job Number: 460-24280-1

Laboratory Chronicle

Lab ID: 460-24280-9 **Client ID: PMP-1-SI-E (10.5-11.0)**

Sample Date/Time: 03/17/2011 09:50 Received Date/Time: 03/18/2011 16:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24280-C-9-A		460-69040	460-67886	03/19/2011 00:53	1	TAL EDI	FJ
A:8260B	460-24280-C-9-A		460-69040	460-67886	03/31/2011 07:55	1	TAL EDI	AT
P:3541	460-24280-F-9-C		460-69508	460-68998	03/30/2011 20:24	1	TAL EDI	JH
A:8270C	460-24280-F-9-C		460-69508	460-68998	04/02/2011 11:03	1	TAL EDI	MC
P:3541	460-24280-F-9-A		460-69079	460-68887	03/30/2011 04:02	1	TAL EDI	ARA
A:8082	460-24280-F-9-A		460-69079	460-68887	03/31/2011 05:15	1	TAL EDI	SD
P:3546	460-24280-F-9-B		460-69393	460-68954	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24280-F-9-B		460-69393	460-68954	04/02/2011 20:51	1	TAL EDI	MY
A:9251	460-24280-A-9-A		460-68688		03/28/2011 10:57	1	TAL EDI	MB
A:Moisture	460-24280-A-9		460-68119		03/22/2011 11:33	1	TAL EDI	CR

Lab ID: 460-24280-9 MS **Client ID: PMP-1-SI-E (10.5-11.0)**

Sample Date/Time: 03/17/2011 09:50 Received Date/Time: 03/18/2011 16:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:9251	460-24280-A-9-A MS		460-68688		03/28/2011 11:55	1	TAL EDI	MB

Lab ID: 460-24280-9 MSD **Client ID: PMP-1-SI-E (10.5-11.0)**

Sample Date/Time: 03/17/2011 09:50 Received Date/Time: 03/18/2011 16:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:9251	460-24280-A-9-A MSD		460-68688		03/28/2011 11:55	1	TAL EDI	MB

Lab ID: 460-24280-10 **Client ID: PMP-24-VS-E (1-3)**

Sample Date/Time: 03/17/2011 10:25 Received Date/Time: 03/18/2011 16:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24280-D-10-A		460-68934	460-67884	03/19/2011 00:10	50	TAL EDI	FJ
A:8260B	460-24280-D-10-A		460-68934	460-67884	03/30/2011 20:32	50	TAL EDI	SD
P:3541	460-24280-F-10-C		460-69508	460-68998	03/30/2011 20:24	2	TAL EDI	JH
A:8270C	460-24280-F-10-C		460-69508	460-68998	04/02/2011 14:40	2	TAL EDI	MC
P:3541	460-24280-F-10-A		460-69122	460-68887	03/30/2011 04:02	2500	TAL EDI	ARA
A:8082	460-24280-F-10-A		460-69122	460-68887	03/31/2011 16:01	2500	TAL EDI	CBB
P:3546	460-24280-F-10-B		460-69502	460-68954	03/30/2011 10:00	5	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24280-F-10-B		460-69502	460-68954	04/05/2011 14:39	5	TAL EDI	MY
A:9251	460-24280-A-10-A		460-68803		03/29/2011 09:50	1	TAL EDI	MB
A:Moisture	460-24280-A-10		460-68119		03/22/2011 11:33	1	TAL EDI	CR

Client: Antea USA, Inc. Job Number: 460-24280-1

Laboratory Chronicle

Lab ID: 460-24280-10 MS **Client ID: PMP-24-VS-E (1-3)**

Sample Date/Time: 03/17/2011 10:25 Received Date/Time: 03/18/2011 16:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:9251	460-24280-A-10-A MS		460-68803		03/29/2011 10:13	1	TAL EDI	MB

Lab ID: 460-24280-10 MSD **Client ID: PMP-24-VS-E (1-3)**

Sample Date/Time: 03/17/2011 10:25 Received Date/Time: 03/18/2011 16:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:9251	460-24280-A-10-A MSD		460-68803		03/29/2011 10:13	1	TAL EDI	MB

Lab ID: 460-24280-11 **Client ID: PMP-24-VD-E (4.5-6.5)**

Sample Date/Time: 03/17/2011 10:30 Received Date/Time: 03/18/2011 16:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24280-D-11-A		460-69082	460-67884	03/19/2011 00:10	200	TAL EDI	FJ
A:8260B	460-24280-D-11-A		460-69082	460-67884	03/31/2011 15:39	200	TAL EDI	SD
P:3541	460-24280-F-11-C		460-69508	460-68998	03/30/2011 20:24	5	TAL EDI	JH
A:8270C	460-24280-F-11-C		460-69508	460-68998	04/02/2011 15:07	5	TAL EDI	MC
P:3541	460-24280-F-11-A		460-69122	460-68887	03/30/2011 04:02	10000	TAL EDI	ARA
A:8082	460-24280-F-11-A		460-69122	460-68887	03/31/2011 16:18	10000	TAL EDI	CBB
P:3546	460-24280-F-11-B		460-69502	460-68954	03/30/2011 10:00	20	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24280-F-11-B		460-69502	460-68954	04/05/2011 14:54	20	TAL EDI	MY
A:9251	460-24280-A-11-A		460-68803		03/29/2011 09:50	1	TAL EDI	MB
A:Moisture	460-24280-A-11		460-68119		03/22/2011 11:33	1	TAL EDI	CR

Lab ID: 460-24280-12 **Client ID: PMP-24-WT-E (6.5-8.5)**

Sample Date/Time: 03/17/2011 10:35 Received Date/Time: 03/18/2011 16:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24280-D-12-A		460-69082	460-67884	03/19/2011 00:11	1000	TAL EDI	FJ
A:8260B	460-24280-D-12-A		460-69082	460-67884	03/31/2011 13:58	1000	TAL EDI	SD
P:3541	460-24280-F-12-C		460-69508	460-68998	03/30/2011 20:24	5	TAL EDI	JH
A:8270C	460-24280-F-12-C		460-69508	460-68998	04/02/2011 15:34	5	TAL EDI	MC
P:3541	460-24280-F-12-A		460-69122	460-68887	03/30/2011 04:02	10000	TAL EDI	ARA
A:8082	460-24280-F-12-A		460-69122	460-68887	03/31/2011 16:34	10000	TAL EDI	CBB
P:3546	460-24280-F-12-B		460-69502	460-68954	03/30/2011 10:00	5	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24280-F-12-B		460-69502	460-68954	04/05/2011 15:36	5	TAL EDI	MY
A:9251	460-24280-A-12-A		460-68803		03/29/2011 09:50	1	TAL EDI	MB
A:Moisture	460-24280-A-12		460-68119		03/22/2011 11:33	1	TAL EDI	CR

Client: Antea USA, Inc. Job Number: 460-24280-1

Laboratory Chronicle

Lab ID: 460-24280-13 **Client ID: PMP-24-SI-E (10.5-12.5)**

Sample Date/Time: 03/17/2011 10:40 Received Date/Time: 03/18/2011 16:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24280-D-13-A		460-69082	460-67884	03/19/2011 00:11	200	TAL EDI	FJ
A:8260B	460-24280-D-13-A		460-69082	460-67884	03/31/2011 14:23	200	TAL EDI	SD
P:3541	460-24280-F-13-C		460-69439	460-68998	03/30/2011 20:24	2	TAL EDI	JH
A:8270C	460-24280-F-13-C		460-69439	460-68998	04/02/2011 21:45	2	TAL EDI	CZ
P:3541	460-24280-F-13-A		460-69122	460-68887	03/30/2011 04:02	1000	TAL EDI	ARA
A:8082	460-24280-F-13-A		460-69122	460-68887	03/31/2011 15:45	1000	TAL EDI	CBB
P:3546	460-24280-F-13-B		460-69502	460-68954	03/30/2011 10:00	5	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24280-F-13-B		460-69502	460-68954	04/05/2011 15:45	5	TAL EDI	MY
A:9251	460-24280-A-13-A		460-68803		03/29/2011 09:50	1	TAL EDI	MB
A:Moisture	460-24280-A-13		460-68119		03/22/2011 11:33	1	TAL EDI	CR

Lab ID: 460-24280-14 **Client ID: PMP-2-VD-E (3.5-4.0)**

Sample Date/Time: 03/17/2011 11:19 Received Date/Time: 03/18/2011 16:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24280-D-14-A		460-68934	460-67884	03/19/2011 00:12	50	TAL EDI	FJ
A:8260B	460-24280-D-14-A		460-68934	460-67884	03/30/2011 17:11	50	TAL EDI	SD
P:3541	460-24280-F-14-C		460-69508	460-68998	03/30/2011 20:24	1	TAL EDI	JH
A:8270C	460-24280-F-14-C		460-69508	460-68998	04/02/2011 11:57	1	TAL EDI	MC
P:3541	460-24280-F-14-A		460-69122	460-68887	03/30/2011 04:02	10	TAL EDI	ARA
A:8082	460-24280-F-14-A		460-69122	460-68887	03/31/2011 13:22	10	TAL EDI	CBB
P:3546	460-24280-F-14-B		460-69502	460-68954	03/30/2011 10:00	2	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24280-F-14-B		460-69502	460-68954	04/05/2011 16:02	2	TAL EDI	MY
A:9251	460-24280-A-14-A		460-68803		03/29/2011 09:50	1	TAL EDI	MB
A:Moisture	460-24280-A-14		460-68119		03/22/2011 11:33	1	TAL EDI	CR

Client: Antea USA, Inc. Job Number: 460-24280-1

Laboratory Chronicle

Lab ID: 460-24280-15 **Client ID: PMP-2WT-E (8.0-8.5)**

Sample Date/Time: 03/17/2011 11:25 Received Date/Time: 03/18/2011 16:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24280-D-15-A		460-68934	460-67884	03/19/2011 00:12	50	TAL EDI	FJ
A:8260B	460-24280-D-15-A		460-68934	460-67884	03/30/2011 17:36	50	TAL EDI	SD
P:3541	460-24280-F-15-C	DL	460-69678	460-68998	03/30/2011 20:24	10	TAL EDI	JH
A:8270C	460-24280-F-15-C	DL	460-69678	460-68998	04/06/2011 17:15	10	TAL EDI	CZ
P:3541	460-24280-F-15-A		460-69122	460-68887	03/30/2011 04:02	500	TAL EDI	ARA
A:8082	460-24280-F-15-A		460-69122	460-68887	03/31/2011 15:28	500	TAL EDI	CBB
P:3546	460-24280-F-15-B		460-69502	460-68954	03/30/2011 10:00	20	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24280-F-15-B		460-69502	460-68954	04/05/2011 16:16	20	TAL EDI	MY
A:9251	460-24280-A-15-A		460-68803		03/29/2011 09:50	1	TAL EDI	MB
A:Moisture	460-24280-A-15		460-68119		03/22/2011 11:33	1	TAL EDI	CR

Lab ID: 460-24280-15 DU **Client ID: PMP-2WT-E (8.0-8.5)**

Sample Date/Time: 03/17/2011 11:25 Received Date/Time: 03/18/2011 16:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-24280-A-15 DU		460-68119		03/22/2011 11:34	1	TAL EDI	CR

Lab ID: 460-24280-16 **Client ID: PMP-2-SI-E (10.5-11.0)**

Sample Date/Time: 03/17/2011 11:30 Received Date/Time: 03/18/2011 16:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24280-D-16-A		460-69082	460-67884	03/19/2011 00:13	200	TAL EDI	FJ
A:8260B	460-24280-D-16-A		460-69082	460-67884	03/31/2011 15:13	200	TAL EDI	SD
P:3541	460-24280-F-16-C		460-69541	460-68998	03/30/2011 20:24	2	TAL EDI	JH
A:8270C	460-24280-F-16-C		460-69541	460-68998	04/03/2011 23:00	2	TAL EDI	MC
P:3541	460-24280-F-16-A		460-69122	460-68887	03/30/2011 04:02	50	TAL EDI	ARA
A:8082	460-24280-F-16-A		460-69122	460-68887	03/31/2011 13:55	50	TAL EDI	CBB
P:3546	460-24280-F-16-B		460-69502	460-68954	03/30/2011 10:00	5	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24280-F-16-B		460-69502	460-68954	04/05/2011 16:41	5	TAL EDI	MY
A:9251	460-24280-A-16-A		460-68803		03/29/2011 09:50	1	TAL EDI	MB
A:Moisture	460-24280-A-16		460-68119		03/22/2011 11:34	1	TAL EDI	CR

Client: Antea USA, Inc. Job Number: 460-24280-1

Laboratory Chronicle

Lab ID: 460-24280-17 **Client ID: PMP-5-VD-E (3.5-4)**

Sample Date/Time: 03/17/2011 11:55 Received Date/Time: 03/18/2011 16:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24280-B-17-A		460-68728	460-67886	03/19/2011 00:57	1	TAL EDI	FJ
A:8260B	460-24280-B-17-A		460-68728	460-67886	03/28/2011 21:59	1	TAL EDI	EM
P:3541	460-24280-F-17-E		460-69439	460-68998	03/30/2011 20:24	1	TAL EDI	JH
A:8270C	460-24280-F-17-E		460-69439	460-68998	04/02/2011 20:41	1	TAL EDI	CZ
P:3541	460-24280-F-17-A		460-69083	460-68887	03/30/2011 04:02	1	TAL EDI	ARA
A:8082	460-24280-F-17-A		460-69083	460-68887	03/31/2011 08:31	1	TAL EDI	SD
P:3546	460-24280-F-17-D		460-69780	460-68954	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24280-F-17-D		460-69780	460-68954	04/06/2011 12:12	1	TAL EDI	MY
A:9251	460-24280-A-17-A		460-68803		03/29/2011 09:55	1	TAL EDI	MB
A:Moisture	460-24280-A-17		460-68119		03/22/2011 11:34	1	TAL EDI	CR

Lab ID: 460-24280-17 MS **Client ID: PMP-5-VD-E (3.5-4)**

Sample Date/Time: 03/17/2011 11:55 Received Date/Time: 03/18/2011 16:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-24280-F-17-B MS		460-69780	460-68954	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24280-F-17-B MS		460-69780	460-68954	04/06/2011 12:27	1	TAL EDI	MY

Lab ID: 460-24280-17 MSD **Client ID: PMP-5-VD-E (3.5-4)**

Sample Date/Time: 03/17/2011 11:55 Received Date/Time: 03/18/2011 16:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-24280-F-17-C MSD		460-69780	460-68954	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24280-F-17-C MSD		460-69780	460-68954	04/06/2011 12:39	1	TAL EDI	MY

Client: Antea USA, Inc. Job Number: 460-24280-1

Laboratory Chronicle

Lab ID: 460-24280-18 **Client ID: PMP-5-WT-E (8-8.5)**

Sample Date/Time: 03/17/2011 12:00 Received Date/Time: 03/18/2011 16:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24280-D-18-A		460-69082	460-67884	03/19/2011 00:14	100	TAL EDI	FJ
A:8260B	460-24280-D-18-A		460-69082	460-67884	03/31/2011 14:48	100	TAL EDI	SD
P:3541	460-24280-F-18-E		460-69824	460-68998	03/30/2011 20:24	5	TAL EDI	JH
A:8270C	460-24280-F-18-E		460-69824	460-68998	04/05/2011 13:21	5	TAL EDI	CZ
P:3541	460-24280-F-18-A		460-69162	460-68887	03/30/2011 04:02	250	TAL EDI	ARA
A:8082	460-24280-F-18-A		460-69162	460-68887	04/01/2011 03:37	250	TAL EDI	CBB
P:3546	460-24280-F-18-D		460-69502	460-68966	03/30/2011 10:00	5	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24280-F-18-D		460-69502	460-68966	04/05/2011 12:49	5	TAL EDI	MY
A:9251	460-24280-A-18-A		460-68803		03/29/2011 09:55	1	TAL EDI	MB
A:Moisture	460-24280-A-18		460-68119		03/22/2011 11:34	1	TAL EDI	CR

Lab ID: 460-24280-18 MS **Client ID: PMP-5-WT-E (8-8.5)**

Sample Date/Time: 03/17/2011 12:00 Received Date/Time: 03/18/2011 16:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-24280-F-18-B MS		460-69502	460-68966	03/30/2011 10:00	5	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24280-F-18-B MS		460-69502	460-68966	04/05/2011 13:29	5	TAL EDI	MY

Lab ID: 460-24280-18 MSD **Client ID: PMP-5-WT-E (8-8.5)**

Sample Date/Time: 03/17/2011 12:00 Received Date/Time: 03/18/2011 16:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-24280-F-18-C MSD		460-69502	460-68966	03/30/2011 10:00	5	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24280-F-18-C MSD		460-69502	460-68966	04/05/2011 13:44	5	TAL EDI	MY

Client: Antea USA, Inc. Job Number: 460-24280-1

Laboratory Chronicle

Lab ID: 460-24280-19 **Client ID:** PMP-5SI-E (10.5-11)

Sample Date/Time: 03/17/2011 12:05 Received Date/Time: 03/18/2011 16:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24280-D-19-A		460-68934	460-67884	03/19/2011 00:14	100	TAL EDI	FJ
A:8260B	460-24280-D-19-A		460-68934	460-67884	03/30/2011 18:02	100	TAL EDI	SD
P:3541	460-24280-F-19-C		460-69824	460-68998	03/30/2011 20:24	5	TAL EDI	JH
A:8270C	460-24280-F-19-C		460-69824	460-68998	04/05/2011 13:43	5	TAL EDI	CZ
P:3541	460-24280-F-19-A		460-69162	460-68887	03/30/2011 04:02	250	TAL EDI	ARA
A:8082	460-24280-F-19-A		460-69162	460-68887	04/01/2011 03:54	250	TAL EDI	CBB
P:3546	460-24280-F-19-B		460-69502	460-68966	03/30/2011 10:00	5	TAL EDI	cm
A:NJ-OQA-QAM-025	460-24280-F-19-B		460-69502	460-68966	04/06/2011 07:20	5	TAL EDI	MY
A:9251	460-24280-A-19-A		460-68803		03/29/2011 09:55	1	TAL EDI	MB
A:Moisture	460-24280-A-19		460-68119		03/22/2011 11:34	1	TAL EDI	CR

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 460-68728/5		460-68728		03/28/2011 20:07	1	TAL EDI	EM
A:8260B	MB 460-68934/4		460-68934		03/30/2011 12:07	50	TAL EDI	SD
A:8260B	MB 460-69040/5		460-69040		03/31/2011 07:30	1	TAL EDI	AT
A:8260B	MB 460-69082/4		460-69082		03/31/2011 13:33	50	TAL EDI	SD
P:3541	MB 460-68998/1-A		460-69508	460-68998	03/30/2011 20:24	1	TAL EDI	JH
A:8270C	MB 460-68998/1-A		460-69508	460-68998	04/02/2011 05:39	1	TAL EDI	MC
P:3541	MB 460-68887/1-A		460-69079	460-68887	03/30/2011 04:02	1	TAL EDI	ARA
A:8082	MB 460-68887/1-A		460-69079	460-68887	03/31/2011 01:45	1	TAL EDI	SD
P:3546	MB 460-68966/1-A		460-69393	460-68966	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	MB 460-68966/1-A		460-69393	460-68966	04/02/2011 14:47	1	TAL EDI	MY
P:3546	MB 460-68954/1-A		460-69393	460-68954	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	MB 460-68954/1-A		460-69393	460-68954	04/02/2011 17:10	1	TAL EDI	MY
A:9251	MB 460-68663/5		460-68663		03/28/2011 08:44	1	TAL EDI	MB
A:9251	MB 460-68688/5		460-68688		03/28/2011 10:57	1	TAL EDI	MB
A:9251	MB 460-68803/5		460-68803		03/29/2011 09:50	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:9251	LB 460-68387/1-A		460-68663		03/28/2011 08:44	1	TAL EDI	MB
A:9251	LB 460-68387/1-A		460-68688		03/28/2011 10:57	1	TAL EDI	MB
A:9251	LB 460-68642/1-A		460-68803		03/29/2011 09:50	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-24280-1

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 460-68728/3		460-68728		03/28/2011 18:34	1	TAL EDI	EM
A:8260B	LCS 460-68934/3		460-68934		03/30/2011 10:38	50	TAL EDI	SD
A:8260B	LCS 460-69040/3		460-69040		03/31/2011 05:41	1	TAL EDI	AT
A:8260B	LCS 460-69082/3		460-69082		03/31/2011 12:40	50	TAL EDI	SD
P:3541	LCS 460-68998/2-A		460-69508	460-68998	03/30/2011 20:24	1	TAL EDI	JH
A:8270C	LCS 460-68998/2-A		460-69508	460-68998	04/02/2011 06:05	1	TAL EDI	MC
P:3541	LCS 460-68887/2-A		460-69079	460-68887	03/30/2011 04:02	1	TAL EDI	ARA
A:8082	LCS 460-68887/2-A		460-69079	460-68887	03/31/2011 02:01	1	TAL EDI	SD
P:3546	LCS 460-68966/2-A		460-69393	460-68966	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	LCS 460-68966/2-A		460-69393	460-68966	04/02/2011 14:59	1	TAL EDI	MY
P:3546	LCS 460-68954/2-A		460-69832	460-68954	03/30/2011 10:00	1	TAL EDI	cm
A:NJ-OQA-QAM-025	LCS 460-68954/2-A		460-69832	460-68954	04/07/2011 12:48	1	TAL EDI	HP
A:9251	LCS 460-68663/6		460-68663		03/28/2011 08:44	1	TAL EDI	MB
A:9251	LCS 460-68688/6		460-68688		03/28/2011 10:57	1	TAL EDI	MB
A:9251	LCS 460-68803/6		460-68803		03/29/2011 09:50	1	TAL EDI	MB

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 460-68728/4		460-68728		03/28/2011 18:59	1	TAL EDI	EM
A:8260B	LCSD 460-69040/4		460-69040		03/31/2011 06:06	1	TAL EDI	AT

Lab ID: MS **Client ID: N/A**

Sample Date/Time: 03/17/2011 10:30 Received Date/Time: 03/18/2011 13:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24265-D-6-A MS		460-68934	460-67851	03/18/2011 18:31	50	TAL EDI	FJ
A:8260B	460-24265-D-6-A MS		460-68934	460-67851	03/30/2011 14:41	50	TAL EDI	SD
A:9251	460-24279-A-6-A MS		460-68663		03/28/2011 09:06	1	TAL EDI	MB

Client: Antea USA, Inc. Job Number: 460-24280-1

Laboratory Chronicle

Lab ID: **MSD** **Client ID:** **N/A**

Sample Date/Time: 03/17/2011 10:30 Received Date/Time: 03/18/2011 13:35

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-24265-D-6-A MSD		460-68934	460-67851	03/18/2011 18:31	50	TAL EDI	FJ
A:8260B	460-24265-D-6-A MSD		460-68934	460-67851	03/30/2011 15:06	50	TAL EDI	SD
A:9251	460-24279-A-6-A MSD		460-68663		03/28/2011 09:06	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.: 460-24280-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
PMP-25-VS-E (1-3)	460-24280-1	95	90	96
PMP-25-VD-E (3-5)	460-24280-2	93	90	96
PMP-25-WT-E (7.5-9.5)	460-24280-3	94	90	94
PMP-21-VD-E (3.5-4)	460-24280-4	77	71	74
PMP-21-WT-E (8-8.5)	460-24280-5	93	89	94
PMP-21-SI-E (10.5-11)	460-24280-6	94	91	94
PMP-1-VD-E (3.5-4.0)	460-24280-7	92	88	93
PMP-1-WT-E (8-8.5)	460-24280-8	94	90	95
PMP-1-SI-E (10.5-11.0)	460-24280-9	103	109	106
PMP-5-VD-E (3.5-4)	460-24280-17	95	90	93
	MB 460-68728/5	92	88	93
	MB 460-69040/5	100	108	106
	LCS 460-68728/3	93	90	96
	LCS 460-69040/3	101	107	108
	LCSD 460-68728/4	74	72	77
	LCSD 460-69040/4	100	109	106

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	70-138
TOL = Toluene-d8 (Surr)	66-126
BFB = Bromofluorobenzene	72-132

Column to be used to flag recovery values

FORM II 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Matrix: Solid Level: Medium

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
PMP-24-VS-E (1-3)	460-24280-10	70	71	88
PMP-24-VD-E (4.5-6.5)	460-24280-11	66	69	80
PMP-24-WT-E (6.5-8.5)	460-24280-12	84	103	123
PMP-24-SI-E (10.5-12.5)	460-24280-13	108	105	117
PMP-2-VD-E (3.5-4.0)	460-24280-14	68	67	85
PMP-2WT-E (8.0-8.5)	460-24280-15	65	66	80
PMP-2-SI-E (10.5-11.0)	460-24280-16	93	81	105
PMP-5-WT-E (8-8.5)	460-24280-18	67	68	83
PMP-5SI-E (10.5-11)	460-24280-19	62	68	80
	MB 460-68934/4	71	81	110
	MB 460-69082/4	86	93	96
	LCS 460-68934/3	79	91	120
	LCS 460-69082/3	97	101	105
	460-24265-D-6-A MS	70	80	106
	460-24265-D-6-A MSD	70	84	111

	QC LIMITS
DCA = 1,2-Dichloroethane-d4 (Surr)	57-135
TOL = Toluene-d8 (Surr)	46-130
BFB = Bromofluorobenzene	50-124

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.: 460-24280-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o46699.d

Lab ID: LCS 460-68728/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	17.5	88	50-151	
Bromomethane	20.0	23.4	117	54-142	
Vinyl chloride	20.0	18.0	90	67-133	
Chloroethane	20.0	21.7	108	56-146	
Methylene Chloride	20.0	19.6	98	74-137	
Acetone	20.0	26.8	134	27-164	
Carbon disulfide	20.0	17.4	87	72-128	
Trichlorofluoromethane	20.0	17.3	86	61-139	
1,1-Dichloroethene	20.0	18.9	94	71-126	
1,1-Dichloroethane	20.0	18.7	93	76-125	
trans-1,2-Dichloroethene	20.0	18.9	95	75-122	
cis-1,2-Dichloroethene	20.0	19.1	95	80-120	
Chloroform	20.0	19.2	96	77-120	
2-Butanone	20.0	22.1	110	77-117	
1,2-Dichloroethane	20.0	19.2	96	76-118	
1,1,1-Trichloroethane	20.0	18.2	91	78-117	
Carbon tetrachloride	20.0	18.4	92	79-118	
Benzene	20.0	18.9	95	77-117	
Bromoform	20.0	17.1	85	59-125	
Styrene	20.0	18.9	94	82-122	
Ethylbenzene	20.0	18.9	94	81-121	
Chlorobenzene	20.0	19.2	96	80-120	
Cyclohexane	20.0	16.1	80	80-121	
Isopropylbenzene	20.0	20.6	103	65-129	
2-Hexanone	20.0	21.3	107	70-122	
MTBE	20.0	20.4	102	78-120	
Freon TF	20.0	19.7	99	73-123	
Methyl acetate	20.0	20.9	105	73-137	
1,4-Dioxane	150	170	114	69-131	
Trichloroethene	20.0	18.6	93	79-119	
Toluene	20.0	18.3	92	75-115	
trans-1,3-Dichloropropene	20.0	18.6	93	67-121	
4-Methyl-2-pentanone	20.0	21.9	109	68-120	
cis-1,3-Dichloropropene	20.0	18.9	94	80-123	
1,2-Dichlorobenzene	20.0	19.2	96	80-120	
1,3-Dichlorobenzene	20.0	18.9	94	80-120	
1,4-Dichlorobenzene	20.0	19.3	96	80-120	
1,2,4-Trichlorobenzene	20.0	20.4	102	80-120	
1,2,3-Trichlorobenzene	20.0	19.9	100	75-121	
1,2-Dichloropropane	20.0	19.4	97	82-122	
Methylcyclohexane	20.0	16.2	81	78-118	
Tetrachloroethene	20.0	19.6	98	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o46699.d

Lab ID: LCS 460-68728/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	60.0	56.5	94	82-122	
1,2-Dibromo-3-Chloropropane	20.0	18.5	92	74-118	
1,1,2,2-Tetrachloroethane	20.0	17.7	88	79-122	
1,1,2-Trichloroethane	20.0	19.6	98	73-118	
Dibromochloromethane	20.0	19.9	99	68-120	
1,2-Dibromoethane	20.0	19.9	99	75-117	
Dichlorodifluoromethane	20.0	16.5	82	52-144	
Bromochloromethane	20.0	20.0	100	74-125	
Bromodichloromethane	20.0	19.6	98	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: p45575.d

Lab ID: LCS 460-68934/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	2000	1720	86	52-144	
Bromomethane	2000	1840	92	58-154	
Vinyl chloride	2000	1690	85	55-154	
Chloroethane	2000	1900	95	66-144	
Methylene Chloride	2000	2060	103	78-118	
Acetone	2000	2410	121	48-177	
Carbon disulfide	2000	1670	84	70-120	
Trichlorofluoromethane	2000	1120	56	60-148	*
1,1-Dichloroethene	2000	2130	106	68-138	
1,1-Dichloroethane	2000	2020	101	79-119	
trans-1,2-Dichloroethene	2000	2180	109	73-119	
cis-1,2-Dichloroethene	2000	2090	105	78-118	
Chloroform	2000	2100	105	81-122	
2-Butanone	2000	1540	77	70-139	
1,2-Dichloroethane	2000	1940	97	81-121	
1,1,1-Trichloroethane	2000	2130	106	78-118	
Carbon tetrachloride	2000	2220	111	64-130	
Benzene	2000	2040	102	71-118	
Bromoform	2000	2120	106	76-133	
Styrene	2000	1870	93	73-126	
Ethylbenzene	2000	2080	104	78-124	
Chlorobenzene	2000	2080	104	69-124	
Cyclohexane	2000	1840	92	69-128	
Isopropylbenzene	2000	2300	115	80-143	
2-Hexanone	2000	1970	98	62-123	
MTBE	2000	2030	101	65-143	
Freon TF	2000	2020	101	50-128	
Methyl acetate	2000	1660	83	72-165	
1,4-Dioxane	15000	13400	89	54-147	
Trichloroethene	2000	2020	101	82-122	
Toluene	2000	2020	101	79-136	
trans-1,3-Dichloropropene	2000	1950	97	73-118	
4-Methyl-2-pentanone	2000	1530	77	69-124	
cis-1,3-Dichloropropene	2000	1830	91	75-120	
1,2-Dichlorobenzene	2000	2120	106	83-123	
1,3-Dichlorobenzene	2000	2080	104	83-123	
1,4-Dichlorobenzene	2000	2070	103	84-124	
1,2,4-Trichlorobenzene	2000	2130	107	62-144	
1,2,3-Trichlorobenzene	2000	2300	115	36-207	
1,2-Dichloropropane	2000	1950	98	78-118	
Methylcyclohexane	2000	2030	102	80-134	
Tetrachloroethene	2000	2230	112	78-136	

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.: 460-24280-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: p45575.d

Lab ID: LCS 460-68934/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	6000	6040	101	78-126	
1,2-Dibromo-3-Chloropropane	2000	1850	93	62-127	
1,1,2,2-Tetrachloroethane	2000	1820	91	86-145	
1,1,2-Trichloroethane	2000	1960	98	77-120	
Dibromochloromethane	2000	2030	102	78-118	
1,2-Dibromoethane	2000	2020	101	76-120	
Dichlorodifluoromethane	2000	1110	55	41-149	
Bromochloromethane	2000	2270	113	81-121	
Bromodichloromethane	2000	2040	102	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o46792.d

Lab ID: LCS 460-69040/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	20.0	17.1	86	50-151	
Bromomethane	20.0	16.2	81	54-142	
Vinyl chloride	20.0	17.2	86	67-133	
Chloroethane	20.0	14.2	71	56-146	
Methylene Chloride	20.0	20.5	103	74-137	
Acetone	20.0	24.3	121	27-164	
Carbon disulfide	20.0	17.5	88	72-128	
Trichlorofluoromethane	20.0	16.4	82	61-139	
1,1-Dichloroethene	20.0	19.3	97	71-126	
1,1-Dichloroethane	20.0	18.7	93	76-125	
trans-1,2-Dichloroethene	20.0	18.8	94	75-122	
cis-1,2-Dichloroethene	20.0	19.0	95	80-120	
Chloroform	20.0	18.9	94	77-120	
2-Butanone	20.0	20.3	102	77-117	
1,2-Dichloroethane	20.0	19.0	95	76-118	
1,1,1-Trichloroethane	20.0	18.3	92	78-117	
Carbon tetrachloride	20.0	18.1	91	79-118	
Benzene	20.0	18.5	93	77-117	
Bromoform	20.0	19.7	99	59-125	
Styrene	20.0	20.1	101	82-122	
Ethylbenzene	20.0	19.0	95	81-121	
Chlorobenzene	20.0	20.0	100	80-120	
Cyclohexane	20.0	17.1	86	80-121	
Isopropylbenzene	20.0	19.4	97	65-129	
2-Hexanone	20.0	16.8	84	70-122	
MTBE	20.0	19.0	95	78-120	
Freon TF	20.0	18.2	91	73-123	
Methyl acetate	20.0	18.5	93	73-137	
1,4-Dioxane	150	139	92	69-131	
Trichloroethene	20.0	18.0	90	79-119	
Toluene	20.0	18.7	94	75-115	
trans-1,3-Dichloropropene	20.0	20.6	103	67-121	
4-Methyl-2-pentanone	20.0	16.9	84	68-120	
cis-1,3-Dichloropropene	20.0	19.3	96	80-123	
1,2-Dichlorobenzene	20.0	20.9	105	80-120	
1,3-Dichlorobenzene	20.0	20.6	103	80-120	
1,4-Dichlorobenzene	20.0	21.0	105	80-120	
1,2,4-Trichlorobenzene	20.0	21.6	108	80-120	
1,2,3-Trichlorobenzene	20.0	21.6	108	75-121	
1,2-Dichloropropane	20.0	18.7	94	82-122	
Methylcyclohexane	20.0	17.8	89	78-118	
Tetrachloroethene	20.0	19.1	96	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o46792.d

Lab ID: LCS 460-69040/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	60.0	58.9	98	82-122	
1,2-Dibromo-3-Chloropropane	20.0	18.0	90	74-118	
1,1,2,2-Tetrachloroethane	20.0	20.1	100	79-122	
1,1,2-Trichloroethane	20.0	19.5	98	73-118	
Dibromochloromethane	20.0	19.6	98	68-120	
1,2-Dibromoethane	20.0	19.6	98	75-117	
Dichlorodifluoromethane	20.0	17.5	88	52-144	
Bromochloromethane	20.0	18.7	94	74-125	
Bromodichloromethane	20.0	18.8	94	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: p45628.d

Lab ID: LCS 460-69082/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Chloromethane	2000	1810	91	52-144	
Bromomethane	2000	2280	114	58-154	
Vinyl chloride	2000	2020	101	55-154	
Chloroethane	2000	2050	102	66-144	
Methylene Chloride	2000	2320	116	78-118	
Acetone	2000	2280	114	48-177	
Carbon disulfide	2000	1890	95	70-120	
Trichlorofluoromethane	2000	1780	89	60-148	
1,1-Dichloroethene	2000	2260	113	68-138	
1,1-Dichloroethane	2000	2330	117	79-119	
trans-1,2-Dichloroethene	2000	2360	118	73-119	
cis-1,2-Dichloroethene	2000	2300	115	78-118	
Chloroform	2000	2410	120	81-122	
2-Butanone	2000	1490	75	70-139	
1,2-Dichloroethane	2000	2070	104	81-121	
1,1,1-Trichloroethane	2000	2250	112	78-118	
Carbon tetrachloride	2000	2170	109	64-130	
Benzene	2000	2200	110	71-118	
Bromoform	2000	2130	106	76-133	
Styrene	2000	2040	102	73-126	
Ethylbenzene	2000	2130	107	78-124	
Chlorobenzene	2000	2250	112	69-124	
Cyclohexane	2000	1670	83	69-128	
Isopropylbenzene	2000	2130	106	80-143	
2-Hexanone	2000	1580	79	62-123	
MTBE	2000	1970	98	65-143	
Freon TF	2000	1700	85	50-128	
Methyl acetate	2000	1910	95	72-165	
1,4-Dioxane	15000	14400	96	54-147	
Trichloroethene	2000	2250	112	82-122	
Toluene	2000	2120	106	79-136	
trans-1,3-Dichloropropene	2000	2080	104	73-118	
4-Methyl-2-pentanone	2000	1420	71	69-124	
cis-1,3-Dichloropropene	2000	2130	107	75-120	
1,2-Dichlorobenzene	2000	2230	111	83-123	
1,3-Dichlorobenzene	2000	2220	111	83-123	
1,4-Dichlorobenzene	2000	2200	110	84-124	
1,2,4-Trichlorobenzene	2000	2180	109	62-144	
1,2,3-Trichlorobenzene	2000	2280	114	36-207	
1,2-Dichloropropane	2000	2190	109	78-118	
Methylcyclohexane	2000	1700	85	80-134	
Tetrachloroethene	2000	2050	103	78-136	

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.: 460-24280-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: p45628.d

Lab ID: LCS 460-69082/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Xylenes, Total	6000	6500	108	78-126	
1,2-Dibromo-3-Chloropropane	2000	1830	91	62-127	
1,1,2,2-Tetrachloroethane	2000	1870	93	86-145	
1,1,2-Trichloroethane	2000	2090	105	77-120	
Dibromochloromethane	2000	2190	109	78-118	
1,2-Dibromoethane	2000	2110	106	76-120	
Dichlorodifluoromethane	2000	2050	103	41-149	
Bromochloromethane	2000	2600	130	81-121	*
Bromodichloromethane	2000	2270	113	78-118	

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.: 460-24280-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o46700.d

Lab ID: LCSD 460-68728/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	17.8	89	2	30	50-151	
Bromomethane	20.0	22.8	114	2	30	54-142	
Vinyl chloride	20.0	18.7	93	4	30	67-133	
Chloroethane	20.0	21.8	109	1	30	56-146	
Methylene Chloride	20.0	20.1	101	3	30	74-137	
Acetone	20.0	32.2	161	18	30	27-164	
Carbon disulfide	20.0	17.7	89	2	30	72-128	
Trichlorofluoromethane	20.0	18.1	91	5	30	61-139	
1,1-Dichloroethene	20.0	18.8	94	0	30	71-126	
1,1-Dichloroethane	20.0	19.0	95	2	30	76-125	
trans-1,2-Dichloroethene	20.0	19.2	96	1	30	75-122	
cis-1,2-Dichloroethene	20.0	19.8	99	4	30	80-120	
Chloroform	20.0	19.7	98	3	30	77-120	
2-Butanone	20.0	23.1	116	5	30	77-117	
1,2-Dichloroethane	20.0	19.4	97	1	30	76-118	
1,1,1-Trichloroethane	20.0	18.5	92	2	30	78-117	
Carbon tetrachloride	20.0	19.2	96	4	30	79-118	
Benzene	20.0	19.1	95	1	30	77-117	
Bromoform	20.0	17.8	89	4	30	59-125	
Styrene	20.0	19.1	96	1	30	82-122	
Ethylbenzene	20.0	19.3	96	2	30	81-121	
Chlorobenzene	20.0	19.7	98	3	30	80-120	
Cyclohexane	20.0	16.4	82	2	30	80-121	
Isopropylbenzene	20.0	21.0	105	2	30	65-129	
2-Hexanone	20.0	22.3	112	5	30	70-122	
MTBE	20.0	20.3	101	1	30	78-120	
Freon TF	20.0	20.1	100	2	30	73-123	
Methyl acetate	20.0	19.8	99	6	30	73-137	
1,4-Dioxane	150	191	128	12	30	69-131	
Trichloroethene	20.0	19.2	96	3	30	79-119	
Toluene	20.0	18.8	94	2	30	75-115	
trans-1,3-Dichloropropene	20.0	18.5	93	0	30	67-121	
4-Methyl-2-pentanone	20.0	22.3	111	2	30	68-120	
cis-1,3-Dichloropropene	20.0	18.8	94	0	30	80-123	
1,2-Dichlorobenzene	20.0	19.8	99	3	30	80-120	
1,3-Dichlorobenzene	20.0	18.9	95	0	30	80-120	
1,4-Dichlorobenzene	20.0	19.8	99	3	30	80-120	
1,2,4-Trichlorobenzene	20.0	20.3	101	1	30	80-120	
1,2,3-Trichlorobenzene	20.0	20.4	102	2	30	75-121	
1,2-Dichloropropane	20.0	18.9	94	3	30	82-122	
Methylcyclohexane	20.0	16.3	82	1	30	78-118	
Tetrachloroethene	20.0	19.5	98	0	30	80-120	

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.: 460-24280-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o46700.d

Lab ID: LCSD 460-68728/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	60.0	57.5	96	2	30	82-122	
1,2-Dibromo-3-Chloropropane	20.0	18.5	93	0	30	74-118	
1,1,2,2-Tetrachloroethane	20.0	18.1	90	2	30	79-122	
1,1,2-Trichloroethane	20.0	19.5	97	1	30	73-118	
Dibromochloromethane	20.0	19.8	99	0	30	68-120	
1,2-Dibromoethane	20.0	20.5	103	3	30	75-117	
Dichlorodifluoromethane	20.0	17.5	87	6	30	52-144	
Bromochloromethane	20.0	20.0	100	0	30	74-125	
Bromodichloromethane	20.0	19.9	99	2	30	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o46793.d

Lab ID: LCSD 460-69040/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	20.0	18.4	92	7	30	50-151	
Bromomethane	20.0	16.8	84	4	30	54-142	
Vinyl chloride	20.0	19.5	98	13	30	67-133	
Chloroethane	20.0	16.8	84	17	30	56-146	
Methylene Chloride	20.0	20.9	105	2	30	74-137	
Acetone	20.0	22.2	111	9	30	27-164	
Carbon disulfide	20.0	15.3	76	14	30	72-128	
Trichlorofluoromethane	20.0	18.5	93	12	30	61-139	
1,1-Dichloroethene	20.0	19.8	99	3	30	71-126	
1,1-Dichloroethane	20.0	18.9	95	1	30	76-125	
trans-1,2-Dichloroethene	20.0	19.2	96	3	30	75-122	
cis-1,2-Dichloroethene	20.0	18.9	95	1	30	80-120	
Chloroform	20.0	18.9	95	0	30	77-120	
2-Butanone	20.0	19.2	96	5	30	77-117	
1,2-Dichloroethane	20.0	19.1	96	0	30	76-118	
1,1,1-Trichloroethane	20.0	18.7	93	2	30	78-117	
Carbon tetrachloride	20.0	18.8	94	4	30	79-118	
Benzene	20.0	18.9	94	2	30	77-117	
Bromoform	20.0	17.6	88	11	30	59-125	
Styrene	20.0	18.8	94	7	30	82-122	
Ethylbenzene	20.0	18.9	94	1	30	81-121	
Chlorobenzene	20.0	19.3	96	4	30	80-120	
Cyclohexane	20.0	17.2	86	0	30	80-121	
Isopropylbenzene	20.0	20.6	103	6	30	65-129	
2-Hexanone	20.0	16.3	81	3	30	70-122	
MTBE	20.0	17.6	88	8	30	78-120	
Freon TF	20.0	19.0	95	5	30	73-123	
Methyl acetate	20.0	18.3	92	1	30	73-137	
1,4-Dioxane	150	134	90	3	30	69-131	
Trichloroethene	20.0	18.6	93	3	30	79-119	
Toluene	20.0	19.0	95	1	30	75-115	
trans-1,3-Dichloropropene	20.0	19.3	96	7	30	67-121	
4-Methyl-2-pentanone	20.0	16.1	80	5	30	68-120	
cis-1,3-Dichloropropene	20.0	17.8	89	8	30	80-123	
1,2-Dichlorobenzene	20.0	19.1	96	9	30	80-120	
1,3-Dichlorobenzene	20.0	19.4	97	6	30	80-120	
1,4-Dichlorobenzene	20.0	19.6	98	7	30	80-120	
1,2,4-Trichlorobenzene	20.0	19.4	97	11	30	80-120	
1,2,3-Trichlorobenzene	20.0	18.7	94	14	30	75-121	
1,2-Dichloropropane	20.0	18.7	94	0	30	82-122	
Methylcyclohexane	20.0	17.4	87	2	30	78-118	
Tetrachloroethene	20.0	19.6	98	2	30	80-120	

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.: 460-24280-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: o46793.d

Lab ID: LCSD 460-69040/4 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	60.0	56.8	95	3	30	82-122	
1,2-Dibromo-3-Chloropropane	20.0	15.3	77	16	30	74-118	
1,1,2,2-Tetrachloroethane	20.0	17.6	88	13	30	79-122	
1,1,2-Trichloroethane	20.0	18.4	92	6	30	73-118	
Dibromochloromethane	20.0	18.4	92	6	30	68-120	
1,2-Dibromoethane	20.0	18.7	93	5	30	75-117	
Dichlorodifluoromethane	20.0	18.9	95	8	30	52-144	
Bromochloromethane	20.0	19.2	96	2	30	74-125	
Bromodichloromethane	20.0	18.5	92	2	30	79-119	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: p45584.d

Lab ID: 460-24265-D-6-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Chloromethane	1250	62 U	998	80	52-144	
Bromomethane	1250	62 U	904	72	58-164	
Vinyl chloride	1250	62 U	1220	98	55-154	
Chloroethane	1250	62 U	1180	94	66-144	
Methylene Chloride	1250	62 U	1160	93	78-118	
Acetone	1250	620 U	2040	163	48-177	
Carbon disulfide	1250	62 U	1040	84	70-120	
Trichlorofluoromethane	1250	62 U	1290	103	60-148	
1,1-Dichloroethene	1250	62 U	1310	105	68-138	
1,1-Dichloroethane	1250	62 U	1110	89	79-119	
trans-1,2-Dichloroethene	1250	62 U	1220	98	73-119	
cis-1,2-Dichloroethene	1250	62 U	1160	93	78-118	
Chloroform	1250	62 U	1150	92	81-122	
2-Butanone	1250	620 U	827	66	70-139	F
1,2-Dichloroethane	1250	62 U	1050	84	81-121	
1,1,1-Trichloroethane	1250	62 U	1150	92	78-118	
Carbon tetrachloride	1250	62 U	1240	99	64-130	
Benzene	1250	100	1140	83	71-118	
Bromoform	1250	62 U	983	79	76-133	
Styrene	1250	62 U	934	75	73-126	
Ethylbenzene	1250	62 U	1090	87	78-124	
Chlorobenzene	1250	62 U	1060	85	69-124	
Cyclohexane	1250	62 U	1120	90	69-128	
Isopropylbenzene	1250	62 U	1220	97	80-143	
2-Hexanone	1250	620 U	734	59	62-123	F
MTBE	1250	62 U	986	79	65-143	
Freon TF	1250	62 U	1230	99	50-128	
Methyl acetate	1250	120 U	944	76	72-165	
1,4-Dioxane	9370	3100 U	3100 U	0	54-147	F
Trichloroethene	1250	62 U	1160	93	82-122	
Toluene	1250	62 U	1020	82	79-136	
trans-1,3-Dichloropropene	1250	62 U	914	73	73-118	
4-Methyl-2-pentanone	1250	620 U	717	57	69-124	F
cis-1,3-Dichloropropene	1250	62 U	944	76	75-120	
1,2-Dichlorobenzene	1250	62 U	1100	88	83-123	
1,3-Dichlorobenzene	1250	62 U	1080	87	83-123	
1,4-Dichlorobenzene	1250	62 U	1110	88	84-124	
1,2,4-Trichlorobenzene	1250	62 U	1120	90	62-144	
1,2,3-Trichlorobenzene	1250	62 U	1060	85	36-207	
1,2-Dichloropropane	1250	62 U	1030	82	78-118	
Methylcyclohexane	1250	62 U	1180	95	80-134	
Tetrachloroethene	1250	62 U	1150	92	78-136	

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.: 460-24280-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: p45584.d

Lab ID: 460-24265-D-6-A MS Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Xylenes, Total	3750	190 U	3100	83	78-126	
1,2-Dibromo-3-Chloropropane	1250	62 U	769	62	62-127	
1,1,2,2-Tetrachloroethane	1250	62 U	860	69	86-145	F
1,1,2-Trichloroethane	1250	62 U	954	76	77-120	F
Dibromochloromethane	1250	62 U	971	78	78-118	
1,2-Dibromoethane	1250	62 U	919	74	76-120	F
Dichlorodifluoromethane	1250	62 U	1390	111	41-149	
Bromochloromethane	1250	62 U	1200	96	81-121	
Bromodichloromethane	1250	62 U	1080	86	78-118	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: p45585.d

Lab ID: 460-24265-D-6-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Chloromethane	1250	1160	93	15	30	52-144	
Bromomethane	1250	1080	87	18	30	58-164	
Vinyl chloride	1250	1380	110	12	30	55-154	
Chloroethane	1250	1370	110	15	30	66-144	
Methylene Chloride	1250	1330	106	13	30	78-118	
Acetone	1250	1830	146	11	30	48-177	
Carbon disulfide	1250	1200	96	14	30	70-120	
Trichlorofluoromethane	1250	1390	111	7	30	60-148	
1,1-Dichloroethene	1250	1510	121	14	30	68-138	
1,1-Dichloroethane	1250	1260	101	13	30	79-119	
trans-1,2-Dichloroethene	1250	1400	112	14	30	73-119	
cis-1,2-Dichloroethene	1250	1270	102	9	30	78-118	
Chloroform	1250	1250	100	9	30	81-122	
2-Butanone	1250	823	66	1	30	70-139	F
1,2-Dichloroethane	1250	1180	94	11	30	81-121	
1,1,1-Trichloroethane	1250	1340	108	16	30	78-118	
Carbon tetrachloride	1250	1350	108	9	30	64-130	
Benzene	1250	1310	97	14	30	71-118	
Bromoform	1250	1150	92	15	30	76-133	
Styrene	1250	1060	85	13	30	73-126	
Ethylbenzene	1250	1220	98	12	30	78-124	
Chlorobenzene	1250	1220	98	15	30	69-124	
Cyclohexane	1250	1260	101	12	30	69-128	
Isopropylbenzene	1250	1400	112	14	30	80-143	
2-Hexanone	1250	572 J	46	25	30	62-123	F
MTBE	1250	1060	84	7	30	65-143	
Freon TF	1250	1420	113	14	30	50-128	
Methyl acetate	1250	1080	86	13	30	72-165	
1,4-Dioxane	9370	3100 U	0	NC	30	54-147	F
Trichloroethene	1250	1310	104	12	30	82-122	
Toluene	1250	1170	94	14	30	79-136	
trans-1,3-Dichloropropene	1250	1050	84	13	30	73-118	
4-Methyl-2-pentanone	1250	783	63	9	30	69-124	F
cis-1,3-Dichloropropene	1250	1090	87	14	30	75-120	
1,2-Dichlorobenzene	1250	1250	100	13	30	83-123	
1,3-Dichlorobenzene	1250	1260	101	15	30	83-123	
1,4-Dichlorobenzene	1250	1250	100	12	30	84-124	
1,2,4-Trichlorobenzene	1250	1280	102	13	30	62-144	
1,2,3-Trichlorobenzene	1250	1250	100	16	30	36-207	
1,2-Dichloropropane	1250	1150	92	11	30	78-118	
Methylcyclohexane	1250	1280	103	8	30	80-134	
Tetrachloroethene	1250	1270	102	10	30	78-136	

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.: 460-24280-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: p45585.d

Lab ID: 460-24265-D-6-A MSD Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Xylenes, Total	3750	3690	98	17	30	78-126	
1,2-Dibromo-3-Chloropropane	1250	934	75	19	30	62-127	
1,1,2,2-Tetrachloroethane	1250	968	77	12	30	86-145	F
1,1,2-Trichloroethane	1250	1050	84	10	30	77-120	
Dibromochloromethane	1250	1130	90	15	30	78-118	
1,2-Dibromoethane	1250	1060	85	14	30	76-120	
Dichlorodifluoromethane	1250	1570	126	12	30	41-149	
Bromochloromethane	1250	1360	109	12	30	81-121	
Bromodichloromethane	1250	1230	98	13	30	78-118	

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.: 460-24280-1

SDG No.:

Lab File ID: o46702.d Lab Sample ID: MB 460-68728/5

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: VOAMS12 Date Analyzed: 03/28/2011 20:07

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-68728/3	o46699.d	03/28/2011 18:34
	LCSD 460-68728/4	o46700.d	03/28/2011 18:59
PMP-1-WT-E (8-8.5)	460-24280-8	o46705.d	03/28/2011 21:34
PMP-5-VD-E (3.5-4)	460-24280-17	o46706.d	03/28/2011 21:59
PMP-25-VS-E (1-3)	460-24280-1	o46707.d	03/28/2011 22:24
PMP-25-VD-E (3-5)	460-24280-2	o46708.d	03/28/2011 22:49
PMP-25-WT-E (7.5-9.5)	460-24280-3	o46709.d	03/28/2011 23:14
PMP-21-VD-E (3.5-4)	460-24280-4	o46710.d	03/28/2011 23:38
PMP-21-WT-E (8-8.5)	460-24280-5	o46711.d	03/29/2011 00:03
PMP-21-SI-E (10.5-11)	460-24280-6	o46712.d	03/29/2011 00:28
PMP-1-VD-E (3.5-4.0)	460-24280-7	o46713.d	03/29/2011 00:53

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab File ID: o46796.d Lab Sample ID: MB 460-69040/5

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: VOAMS12 Date Analyzed: 03/31/2011 07:30

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 460-69040/3	o46792.d	03/31/2011 05:41
	LCSD 460-69040/4	o46793.d	03/31/2011 06:06
PMP-1-SI-E (10.5-11.0)	460-24280-9	o46797.d	03/31/2011 07:55

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab File ID: p45578.d Lab Sample ID: MB 460-68934/4

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: VOAMS13 Date Analyzed: 03/30/2011 12:07

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-68934/3	p45575.d	03/30/2011 10:38
	460-24265-D-6-A MS	p45584.d	03/30/2011 14:41
	460-24265-D-6-A MSD	p45585.d	03/30/2011 15:06
PMP-2-VD-E (3.5-4.0)	460-24280-14	p45590.d	03/30/2011 17:11
PMP-2WT-E (8.0-8.5)	460-24280-15	p45591.d	03/30/2011 17:36
PMP-5SI-E (10.5-11)	460-24280-19	p45592.d	03/30/2011 18:02
PMP-24-VS-E (1-3)	460-24280-10	p45598.d	03/30/2011 20:32

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab File ID: p45630.d Lab Sample ID: MB 460-69082/4

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: VOAMS13 Date Analyzed: 03/31/2011 13:33

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 460-69082/3	p45628.d	03/31/2011 12:40
PMP-24-WT-E (6.5-8.5)	460-24280-12	p45631.d	03/31/2011 13:58
PMP-24-SI-E (10.5-12.5)	460-24280-13	p45632.d	03/31/2011 14:23
PMP-5-WT-E (8-8.5)	460-24280-18	p45633.d	03/31/2011 14:48
PMP-2-SI-E (10.5-11.0)	460-24280-16	p45634.d	03/31/2011 15:13
PMP-24-VD-E (4.5-6.5)	460-24280-11	p45635.d	03/31/2011 15:39

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab File ID: o45212.d BFB Injection Date: 02/14/2011

Instrument ID: VOAMS12 BFB Injection Time: 17:09

Analysis Batch No.: 64630

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.2	
75	30.0 - 60.0 % of mass 95	46.2	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.7	(0.7)1
174	50.0 - 120.00 % of mass 95	96.4	
175	5.0 - 9.0 % of mass 174	7.2	(7.5)1
176	95.0 - 101.0 % of mass 174	92.6	(96.1)1
177	5.0 - 9.0 % of mass 176	6.0	(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
	ICIS 460-64630/2	o45214.d	02/14/2011	18:17
	IC 460-64630/3	o45218.d	02/14/2011	23:21
	IC 460-64630/4	o45219.d	02/14/2011	23:46
	IC 460-64630/5	o45220.d	02/15/2011	00:11
	IC 460-64630/6	o45226.d	02/15/2011	02:40
	IC 460-64630/7	o45228.d	02/15/2011	03:30

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab File ID: o46695.d BFB Injection Date: 03/28/2011

Instrument ID: VOAMS12 BFB Injection Time: 16:44

Analysis Batch No.: 68728

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.5	
75	30.0 - 60.0 % of mass 95	46.8	
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	1.1	(1.2)1
174	50.0 - 120.00 % of mass 95	96.5	
175	5.0 - 9.0 % of mass 174	7.0	(7.2)1
176	95.0 - 101.0 % of mass 174	93.6	(97.0)1
177	5.0 - 9.0 % of mass 176	5.8	(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 460-68728/2	o46697.d	03/28/2011	17:31
	LCS 460-68728/3	o46699.d	03/28/2011	18:34
	LCSD 460-68728/4	o46700.d	03/28/2011	18:59
	MB 460-68728/5	o46702.d	03/28/2011	20:07
PMP-1-WT-E (8-8.5)	460-24280-8	o46705.d	03/28/2011	21:34
PMP-5-VD-E (3.5-4)	460-24280-17	o46706.d	03/28/2011	21:59
PMP-25-VS-E (1-3)	460-24280-1	o46707.d	03/28/2011	22:24
PMP-25-VD-E (3-5)	460-24280-2	o46708.d	03/28/2011	22:49
PMP-25-WT-E (7.5-9.5)	460-24280-3	o46709.d	03/28/2011	23:14
PMP-21-VD-E (3.5-4)	460-24280-4	o46710.d	03/28/2011	23:38
PMP-21-WT-E (8-8.5)	460-24280-5	o46711.d	03/29/2011	00:03
PMP-21-SI-E (10.5-11)	460-24280-6	o46712.d	03/29/2011	00:28
PMP-1-VD-E (3.5-4.0)	460-24280-7	o46713.d	03/29/2011	00:53

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab File ID: o46763.d BFB Injection Date: 03/30/2011

Instrument ID: VOAMS12 BFB Injection Time: 17:11

Analysis Batch No.: 69010

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.5	
75	30.0 - 60.0 % of mass 95	47.2	
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	0.3	(0.4)1
174	50.0 - 120.00 % of mass 95	80.3	
175	5.0 - 9.0 % of mass 174	5.7	(7.1)1
176	95.0 - 101.0 % of mass 174	79.1	(98.6)1
177	5.0 - 9.0 % of mass 176	5.1	(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
	IC 460-69010/2	o46766.d	03/30/2011	18:37
	IC 460-69010/3	o46768.d	03/30/2011	19:27
	ICIS 460-69010/4	o46769.d	03/30/2011	19:51
	IC 460-69010/5	o46770.d	03/30/2011	20:16
	IC 460-69010/6	o46771.d	03/30/2011	20:41
	IC 460-69010/7	o46772.d	03/30/2011	21:06

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab File ID: o46790.d BFB Injection Date: 03/31/2011

Instrument ID: VOAMS12 BFB Injection Time: 04:44

Analysis Batch No.: 69040

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.4	
75	30.0 - 60.0 % of mass 95	44.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.2	
173	Less than 2.0 % of mass 174	0.8	(0.9)1
174	50.0 - 120.00 % of mass 95	85.3	
175	5.0 - 9.0 % of mass 174	6.3	(7.3)1
176	95.0 - 101.0 % of mass 174	82.8	(97.0)1
177	5.0 - 9.0 % of mass 176	5.3	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-69040/2	o46791.d	03/31/2011	05:16
	LCS 460-69040/3	o46792.d	03/31/2011	05:41
	LCSD 460-69040/4	o46793.d	03/31/2011	06:06
	MB 460-69040/5	o46796.d	03/31/2011	07:30
PMP-1-SI-E (10.5-11.0)	460-24280-9	o46797.d	03/31/2011	07:55

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab File ID: p44656.d BFB Injection Date: 03/03/2011

Instrument ID: VOAMS13 BFB Injection Time: 00:44

Analysis Batch No.: 66327

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.0	
75	30.0 - 60.0 % of mass 95	53.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.3	
173	Less than 2.0 % of mass 174	0.6	(0.8)1
174	50.0 - 120.00 % of mass 95	82.8	
175	5.0 - 9.0 % of mass 174	7.5	(9.0)1
176	95.0 - 101.0 % of mass 174	82.5	(99.6)1
177	5.0 - 9.0 % of mass 176	6.2	(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
	IC 460-66327/2	p44659.d	03/03/2011	02:00
	IC 460-66327/3	p44661.d	03/03/2011	02:53
	ICIS 460-66327/4	p44662.d	03/03/2011	03:19
	IC 460-66327/5	p44663.d	03/03/2011	03:45
	IC 460-66327/6	p44664.d	03/03/2011	04:11
	IC 460-66327/7	p44665.d	03/03/2011	04:37

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab File ID: p45572.d BFB Injection Date: 03/30/2011

Instrument ID: VOAMS13 BFB Injection Time: 09:28

Analysis Batch No.: 68934

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.4	
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	8.9	
173	Less than 2.0 % of mass 174	1.0	(1.0)1
174	50.0 - 120.00 % of mass 95	98.1	
175	5.0 - 9.0 % of mass 174	7.5	(7.6)1
176	95.0 - 101.0 % of mass 174	96.6	(98.5)1
177	5.0 - 9.0 % of mass 176	4.9	(5.0)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 460-68934/2	p45574.d	03/30/2011	10:13
	LCS 460-68934/3	p45575.d	03/30/2011	10:38
	MB 460-68934/4	p45578.d	03/30/2011	12:07
	460-24265-D-6-A MS	p45584.d	03/30/2011	14:41
	460-24265-D-6-A MSD	p45585.d	03/30/2011	15:06
PMP-2-VD-E (3.5-4.0)	460-24280-14	p45590.d	03/30/2011	17:11
PMP-2WT-E (8.0-8.5)	460-24280-15	p45591.d	03/30/2011	17:36
PMP-5SI-E (10.5-11)	460-24280-19	p45592.d	03/30/2011	18:02
PMP-24-VS-E (1-3)	460-24280-10	p45598.d	03/30/2011	20:32

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab File ID: p45625.d BFB Injection Date: 03/31/2011

Instrument ID: VOAMS13 BFB Injection Time: 11:28

Analysis Batch No.: 69082

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	19.2	
75	30.0 - 60.0 % of mass 95	50.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	5.6	
173	Less than 2.0 % of mass 174	0.5	(0.6)1
174	50.0 - 120.00 % of mass 95	93.7	
175	5.0 - 9.0 % of mass 174	8.2	(8.8)1
176	95.0 - 101.0 % of mass 174	89.8	(95.9)1
177	5.0 - 9.0 % of mass 176	5.8	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-69082/2	p45626.d	03/31/2011	11:47
	LCS 460-69082/3	p45628.d	03/31/2011	12:40
	MB 460-69082/4	p45630.d	03/31/2011	13:33
PMP-24-WT-E (6.5-8.5)	460-24280-12	p45631.d	03/31/2011	13:58
PMP-24-SI-E (10.5-12.5)	460-24280-13	p45632.d	03/31/2011	14:23
PMP-5-WT-E (8-8.5)	460-24280-18	p45633.d	03/31/2011	14:48
PMP-2-SI-E (10.5-11.0)	460-24280-16	p45634.d	03/31/2011	15:13
PMP-24-VD-E (4.5-6.5)	460-24280-11	p45635.d	03/31/2011	15:39

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Sample No.: CCVIS 460-68728/2 Date Analyzed: 03/28/2011 17:31

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): o46697.d Heated Purge: (Y/N) Y

Calibration ID: 9726

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1030864	4.04	722825	7.76	393703	11.48
UPPER LIMIT		2061728	4.54	1445650	8.26	787406	11.98
LOWER LIMIT		515432	3.54	361413	7.26	196852	10.98
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-68728/3		947648	4.04	675105	7.76	375226	11.48
LCSD 460-68728/4		917979	4.04	648790	7.76	360335	11.48
MB 460-68728/5		903242	4.04	637949	7.76	356600	11.47
460-24280-8	PMP-1-WT-E (8-8.5)	970285	4.04	688234	7.76	391555	11.47
460-24280-17	PMP-5-VD-E (3.5-4)	973372	4.04	700563	7.76	402295	11.47
460-24280-1	PMP-25-VS-E (1-3)	944775	4.04	674953	7.76	388818	11.47
460-24280-2	PMP-25-VD-E (3-5)	972825	4.04	696704	7.76	396096	11.47
460-24280-3	PMP-25-WT-E (7.5-9.5)	979218	4.04	700175	7.76	401038	11.47
460-24280-4	PMP-21-VD-E (3.5-4)	963939	4.04	704646	7.76	414484	11.47
460-24280-5	PMP-21-WT-E (8-8.5)	939062	4.04	679008	7.76	386275	11.47
460-24280-6	PMP-21-SI-E (10.5-11)	918191	4.04	663967	7.76	391966	11.47
460-24280-7	PMP-1-VD-E (3.5-4.0)	897542	4.04	660997	7.76	377575	11.47

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.: 460-24280-1

SDG No.:

Sample No.: CCVIS 460-69040/2 Date Analyzed: 03/31/2011 05:16

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): o46791.d Heated Purge: (Y/N) Y

Calibration ID: 10313

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1265326	4.04	854068	7.76	431765	11.48
UPPER LIMIT		2530652	4.54	1708136	8.26	863530	11.98
LOWER LIMIT		632663	3.54	427034	7.26	215883	10.98
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-69040/3		1230129	4.04	859514	7.76	442117	11.48
LCSD 460-69040/4		1113004	4.04	767107	7.76	398729	11.48
MB 460-69040/5		1099253	4.04	761889	7.76	403791	11.48
460-24280-9	PMP-1-SI-E (10.5-11.0)	1166764	4.04	812346	7.76	456994	11.48

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.: 460-24280-1

SDG No.:

Sample No.: CCVIS 460-68934/2 Date Analyzed: 03/30/2011 10:13

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): p45574.d Heated Purge: (Y/N) N

Calibration ID: 10017

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		544693	2.97	412225	6.13	253148	8.30
UPPER LIMIT		1089386	3.47	824450	6.63	506296	8.80
LOWER LIMIT		272347	2.47	206113	5.63	126574	7.80
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-68934/3		509717	2.97	383947	6.13	235416	8.30
MB 460-68934/4		524505	2.97	408513	6.13	243602	8.30
460-24265-D-6-A MS		510742	2.97	404136	6.13	250546	8.30
460-24265-D-6-A MSD		510809	2.97	394983	6.13	246012	8.30
460-24280-14	PMP-2-VD-E (3.5-4.0)	549343	2.97	457244	6.13	274591	8.30
460-24280-15	PMP-2WT-E (8.0-8.5)	593047	2.97	484330	6.13	293785	8.30
460-24280-19	PMP-5SI-E (10.5-11)	622244	2.97	504324	6.13	302625	8.30
460-24280-10	PMP-24-VS-E (1-3)	666152	2.97	527206	6.13	296811	8.30

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.: 460-24280-1

SDG No.:

Sample No.: CCVIS 460-69082/2 Date Analyzed: 03/31/2011 11:47

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): p45626.d Heated Purge: (Y/N) N

Calibration ID: 10017

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		702875	2.97	532881	6.13	320215	8.30
UPPER LIMIT		1405750	3.47	1065762	6.63	640430	8.80
LOWER LIMIT		351438	2.47	266441	5.63	160108	7.80
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-69082/3		635891	2.97	486467	6.13	287799	8.30
MB 460-69082/4		676242	2.98	521042	6.13	305300	8.30
460-24280-12	PMP-24-WT-E (6.5-8.5)	656130	2.98	519205	6.13	302342	8.30
460-24280-13	PMP-24-SI-E (10.5-12.5)	645514	2.97	514981	6.13	306560	8.30
460-24280-18	PMP-5-WT-E (8-8.5)	655763	2.97	538430	6.13	315610	8.30
460-24280-16	PMP-2-SI-E (10.5-11.0)	651563	2.97	536190	6.13	319563	8.30
460-24280-11	PMP-24-VD-E (4.5-6.5)	704797	2.97	564367	6.13	328983	8.30

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.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-VS-E (1-3) | Lab Sample ID: 460-24280-1

Matrix: Solid | Lab File ID: o46707.d

Analysis Method: 8260B | Date Collected: 03/17/2011 09:04

Sample wt/vol: 5.7(g) | Date Analyzed: 03/28/2011 22:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.9 | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.94	U	0.94	0.60
74-83-9	Bromomethane	0.94	U	0.94	0.39
75-01-4	Vinyl chloride	0.94	U	0.94	0.22
75-00-3	Chloroethane	0.94	U	0.94	0.38
75-09-2	Methylene Chloride	0.94	U	0.94	0.44
67-64-1	Acetone	12	B	9.4	3.5
75-15-0	Carbon disulfide	0.94	U	0.94	0.44
75-69-4	Trichlorofluoromethane	0.94	U	0.94	0.24
75-35-4	1,1-Dichloroethene	0.94	U	0.94	0.35
75-34-3	1,1-Dichloroethane	0.94	U	0.94	0.24
156-60-5	trans-1,2-Dichloroethene	0.94	U	0.94	0.27
156-59-2	cis-1,2-Dichloroethene	0.94	U	0.94	0.22
67-66-3	Chloroform	0.94	U	0.94	0.22
78-93-3	2-Butanone	9.4	U	9.4	0.54
107-06-2	1,2-Dichloroethane	0.94	U	0.94	0.37
71-55-6	1,1,1-Trichloroethane	0.94	U	0.94	0.18
56-23-5	Carbon tetrachloride	0.94	U	0.94	0.095
71-43-2	Benzene	0.94	U	0.94	0.70
75-25-2	Bromoform	0.94	U	0.94	0.66
100-42-5	Styrene	0.94	U	0.94	0.33
100-41-4	Ethylbenzene	0.94	U	0.94	0.18
108-90-7	Chlorobenzene	0.94	U	0.94	0.45
110-82-7	Cyclohexane	0.94	U	0.94	0.21
98-82-8	Isopropylbenzene	0.94	U	0.94	0.24
591-78-6	2-Hexanone	9.4	U	9.4	1.6
1634-04-4	MTBE	0.94	U	0.94	0.32
76-13-1	Freon TF	0.94	U	0.94	0.45
79-20-9	Methyl acetate	0.94	U	0.94	0.84
123-91-1	1,4-Dioxane	47	U	47	3.9
79-01-6	Trichloroethene	1.1		0.94	0.34
108-88-3	Toluene	0.94	U	0.94	0.28
10061-02-6	trans-1,3-Dichloropropene	0.94	U	0.94	0.21
108-10-1	4-Methyl-2-pentanone	9.4	U	9.4	0.67
10061-01-5	cis-1,3-Dichloropropene	0.94	U	0.94	0.19
95-50-1	1,2-Dichlorobenzene	0.94	U	0.94	0.60
541-73-1	1,3-Dichlorobenzene	0.94	U	0.94	0.46

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-VS-E (1-3) | Lab Sample ID: 460-24280-1

Matrix: Solid | Lab File ID: o46707.d

Analysis Method: 8260B | Date Collected: 03/17/2011 09:04

Sample wt/vol: 5.7(g) | Date Analyzed: 03/28/2011 22:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.9 | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.94	U	0.94	0.67
120-82-1	1,2,4-Trichlorobenzene	0.94	U	0.94	0.50
87-61-6	1,2,3-Trichlorobenzene	0.94	U	0.94	0.61
78-87-5	1,2-Dichloropropane	0.94	U	0.94	0.30
108-87-2	Methylcyclohexane	0.94	U	0.94	0.26
127-18-4	Tetrachloroethene	0.34	J	0.94	0.31
1330-20-7	Xylenes, Total	2.8	U	2.8	0.74
96-12-8	1,2-Dibromo-3-Chloropropane	0.94	U	0.94	0.58
79-34-5	1,1,2,2-Tetrachloroethane	0.94	U	0.94	0.72
79-00-5	1,1,2-Trichloroethane	0.94	U	0.94	0.56
124-48-1	Dibromochloromethane	0.94	U	0.94	0.53
106-93-4	1,2-Dibromoethane	0.94	U	0.94	0.49
75-71-8	Dichlorodifluoromethane	0.94	U	0.94	0.38
74-97-5	Bromochloromethane	0.94	U	0.94	0.26
75-27-4	Bromodichloromethane	0.94	U	0.94	0.29

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-138
2037-26-5	Toluene-d8 (Surr)	90		66-126
460-00-4	Bromofluorobenzene	96		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-VS-E (1-3) Lab Sample ID: 460-24280-1

Matrix: Solid Lab File ID: o46707.d

Analysis Method: 8260B Date Collected: 03/17/2011 09:04

Sample wt/vol: 5.7(g) Date Analyzed: 03/28/2011 22:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 6.9 Level: (low/med) Low

Analysis Batch No.: 68728 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_10/02-14-11A/28mar11a.b/o46707.d
Report Date: 30-Mar-2011 12:28

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46707.d
Lab Smp Id: 460-24280-B-1-A Client Smp ID: PMP-25-VS-E (1-3)
Inj Date : 28-MAR-2011 22:24
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24280-B-1-A;;;5.70;5
Misc Info : 460-24280-B-1-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.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	5.70000	Weight of sample extracted (g)
M	6.89076	% 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	1.813	1.813	(0.449)	10135	12.5242	12
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.715	3.715	(0.920)	165773	47.7200	45
*	69 Fluorobenzene	96	4.038	4.038	(1.000)	944775	50.0000	
	25 Trichloroethene	95	4.410	4.410	(1.092)	6810	1.14018	1.1
$	37 Toluene-d8 (SUR)	98	5.806	5.812	(0.748)	701771	45.1441	42
	35 Tetrachloroethene	166	6.598	6.599	(0.851)	2566	0.35631	0.34(a)
*	32 Chlorobenzene-d5	117	7.757	7.763	(1.000)	674953	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.604	9.610	(0.837)	276678	47.7948	45
*	91 1,4-Dichlorobenzene-d4	152	11.469	11.476	(1.000)	388818	50.0000	
	70 Naphthalene	128	13.835	13.841	(1.206)	10106	0.49063	0.46(a)

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46707.d
Report Date: 30-Mar-2011 12:28

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46707.d
Report Date: 30-Mar-2011 12:28

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46707.d
Lab Smp Id: 460-24280-B-1-A Client Smp ID: PMP-25-VS-E (1-3)
Inj Date : 28-MAR-2011 22:24
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24280-B-1-A;;;5.70;5
Misc Info : 460-24280-B-1-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

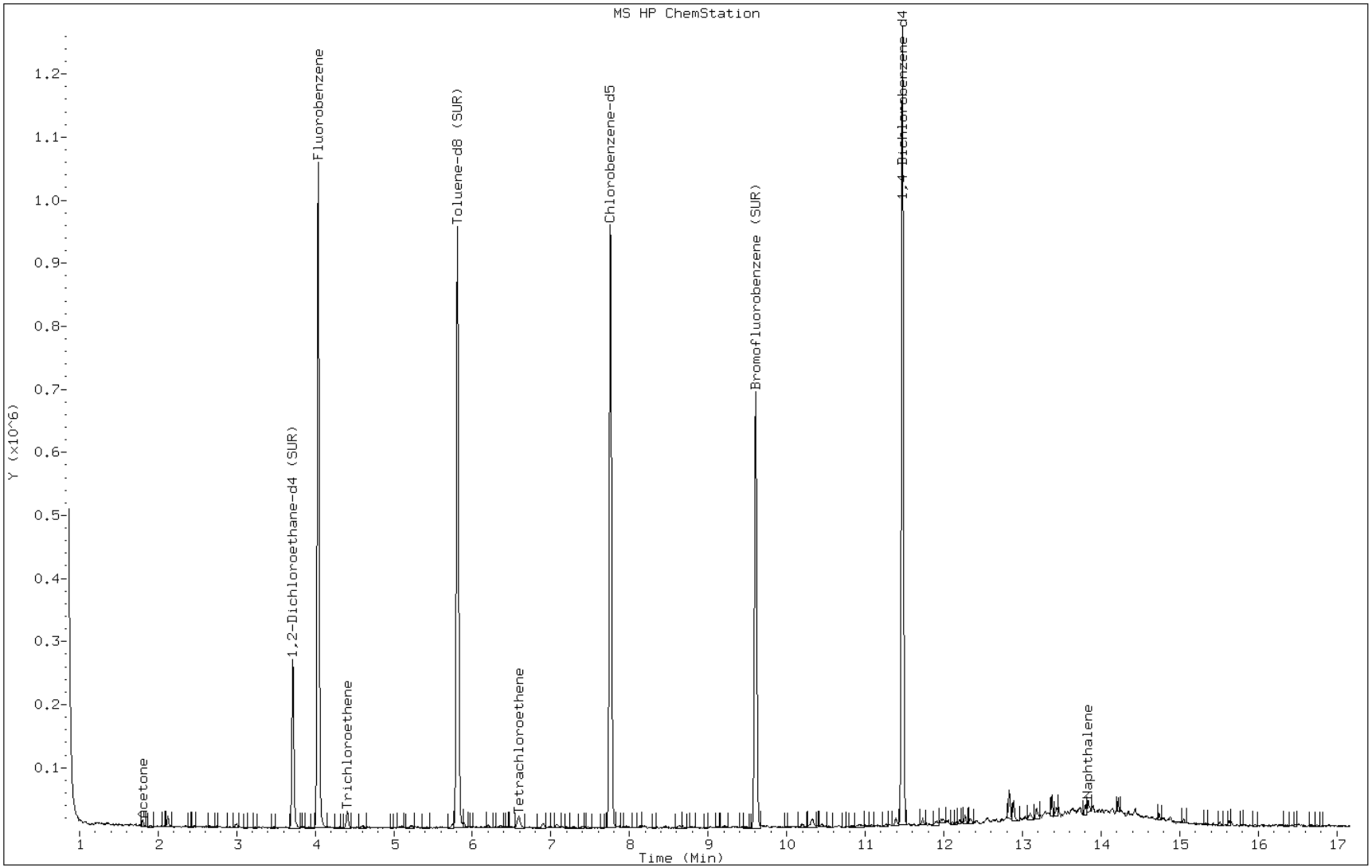
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: o46707.d

Date: 28-MAR-2011 22:24

Client ID: PMP-25-VS-E (1-3) Instrument: VOAMS12.i

Sample Info: 460-24280-B-1-A;;;5.70;5 Operator: VOAMS 9



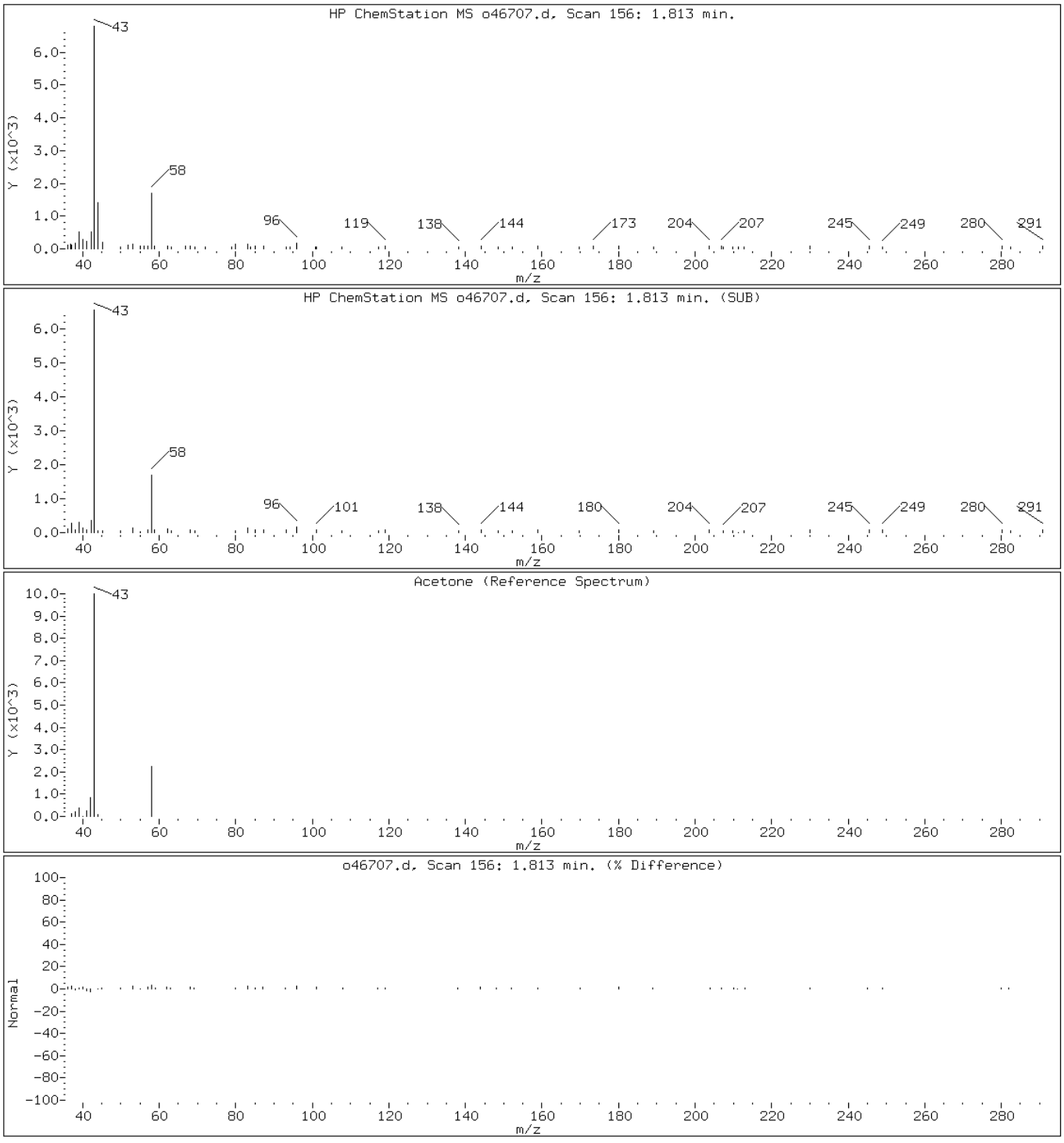
Data File: o46707.d

Date: 28-MAR-2011 22:24

Client ID: PMP-25-VS-E (1-3) Instrument: VOAMS12.i

Sample Info: 460-24280-B-1-A;;;5.70;5 Operator: VOAMS 9

7 Acetone



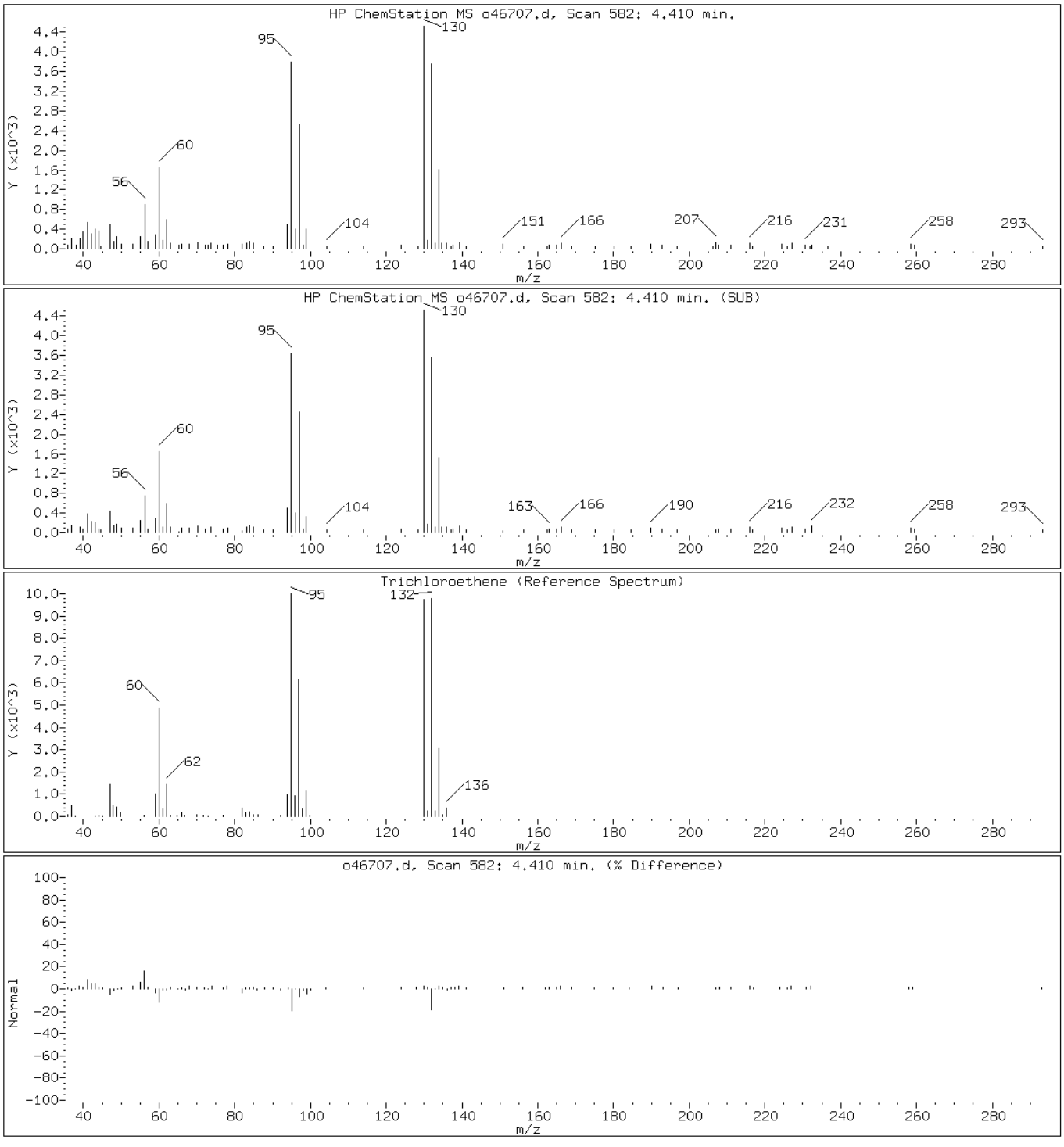
Data File: o46707.d

Date: 28-MAR-2011 22:24

Client ID: PMP-25-VS-E (1-3) Instrument: VOAMS12.i

Sample Info: 460-24280-B-1-A;;;5.70;5 Operator: VOAMS 9

25 Trichloroethene



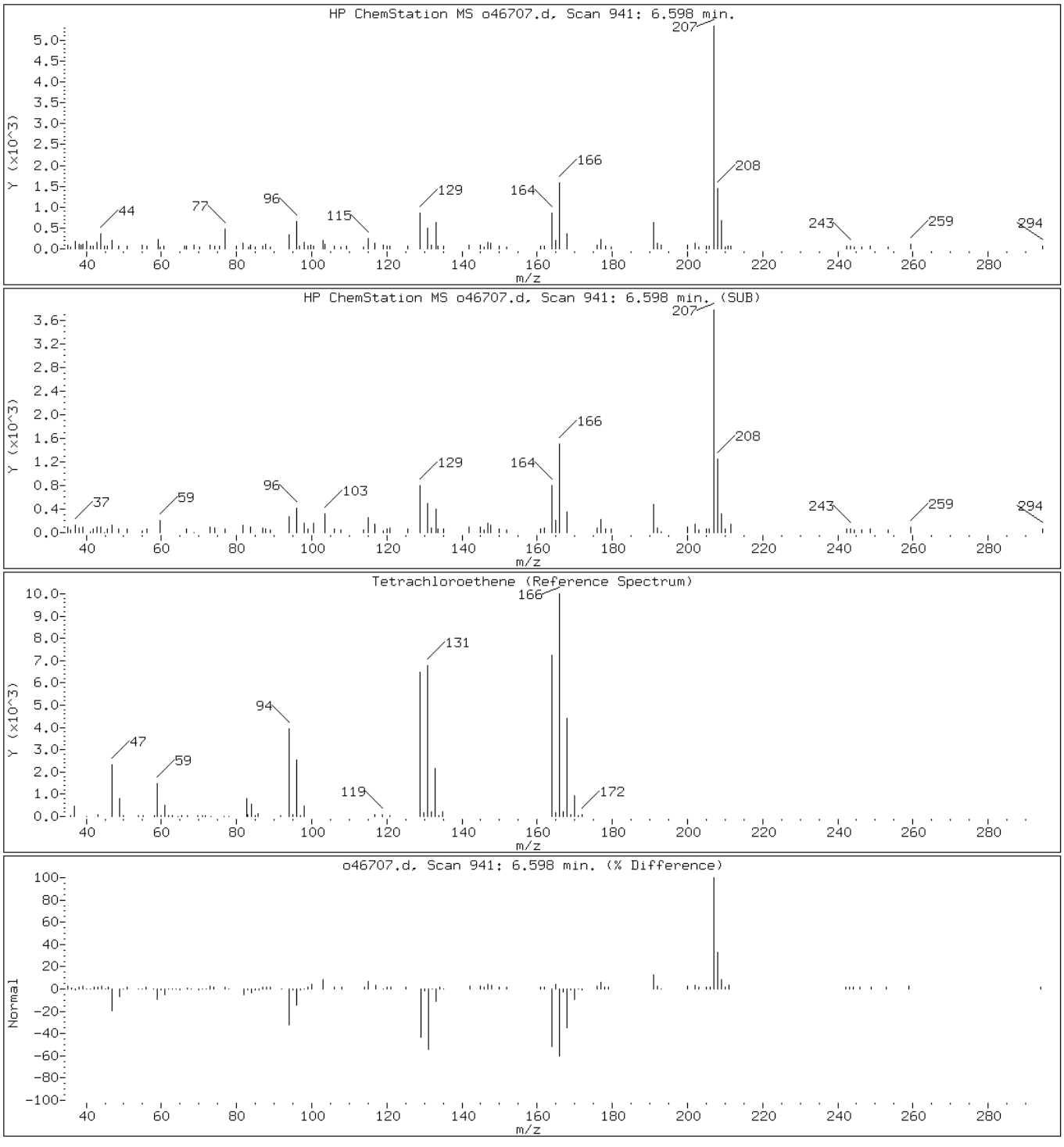
Data File: o46707.d

Date: 28-MAR-2011 22:24

Client ID: PMP-25-VS-E (1-3) Instrument: VOAMS12.i

Sample Info: 460-24280-B-1-A;;;5.70;5 Operator: VOAMS 9

35 Tetrachloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-VD-E (3-5) | Lab Sample ID: 460-24280-2

Matrix: Solid | Lab File ID: o46708.d

Analysis Method: 8260B | Date Collected: 03/17/2011 09:09

Sample wt/vol: 4.68(g) | Date Analyzed: 03/28/2011 22:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.8 | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.1	U	1.1	0.71
74-83-9	Bromomethane	1.1	U	1.1	0.46
75-01-4	Vinyl chloride	1.1	U	1.1	0.26
75-00-3	Chloroethane	1.1	U	1.1	0.45
75-09-2	Methylene Chloride	1.1	U	1.1	0.53
67-64-1	Acetone	8.7	J B	11	4.1
75-15-0	Carbon disulfide	1.1	U	1.1	0.52
75-69-4	Trichlorofluoromethane	1.1	U	1.1	0.29
75-35-4	1,1-Dichloroethene	1.1	U	1.1	0.41
75-34-3	1,1-Dichloroethane	1.1	U	1.1	0.28
156-60-5	trans-1,2-Dichloroethene	1.1	U	1.1	0.32
156-59-2	cis-1,2-Dichloroethene	1.1	U	1.1	0.26
67-66-3	Chloroform	1.1	U	1.1	0.27
78-93-3	2-Butanone	11	U	11	0.64
107-06-2	1,2-Dichloroethane	1.1	U	1.1	0.44
71-55-6	1,1,1-Trichloroethane	1.1	U	1.1	0.21
56-23-5	Carbon tetrachloride	1.1	U	1.1	0.11
71-43-2	Benzene	1.1	U	1.1	0.83
75-25-2	Bromoform	1.1	U	1.1	0.79
100-42-5	Styrene	1.1	U	1.1	0.39
100-41-4	Ethylbenzene	1.1	U	1.1	0.21
108-90-7	Chlorobenzene	1.1	U	1.1	0.54
110-82-7	Cyclohexane	1.1	U	1.1	0.25
98-82-8	Isopropylbenzene	1.1	U	1.1	0.29
591-78-6	2-Hexanone	11	U	11	1.9
1634-04-4	MTBE	1.1	U	1.1	0.39
76-13-1	Freon TF	1.1	U	1.1	0.53
79-20-9	Methyl acetate	1.1	U	1.1	1.0
123-91-1	1,4-Dioxane	56	U	56	4.7
79-01-6	Trichloroethene	1.9		1.1	0.41
108-88-3	Toluene	1.1	U	1.1	0.34
10061-02-6	trans-1,3-Dichloropropene	1.1	U	1.1	0.25
108-10-1	4-Methyl-2-pentanone	11	U	11	0.80
10061-01-5	cis-1,3-Dichloropropene	1.1	U	1.1	0.23
95-50-1	1,2-Dichlorobenzene	1.1	U	1.1	0.71
541-73-1	1,3-Dichlorobenzene	1.1	U	1.1	0.54

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-VD-E (3-5) | Lab Sample ID: 460-24280-2

Matrix: Solid | Lab File ID: o46708.d

Analysis Method: 8260B | Date Collected: 03/17/2011 09:09

Sample wt/vol: 4.68(g) | Date Analyzed: 03/28/2011 22:49

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.8 | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.1	U	1.1	0.80
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	0.60
87-61-6	1,2,3-Trichlorobenzene	1.1	U	1.1	0.73
78-87-5	1,2-Dichloropropane	1.1	U	1.1	0.36
108-87-2	Methylcyclohexane	1.1	U	1.1	0.31
127-18-4	Tetrachloroethene	1.1	U	1.1	0.37
1330-20-7	Xylenes, Total	3.4	U	3.4	0.88
96-12-8	1,2-Dibromo-3-Chloropropane	1.1	U	1.1	0.69
79-34-5	1,1,2,2-Tetrachloroethane	1.1	U	1.1	0.85
79-00-5	1,1,2-Trichloroethane	1.1	U	1.1	0.67
124-48-1	Dibromochloromethane	1.1	U	1.1	0.63
106-93-4	1,2-Dibromoethane	1.1	U	1.1	0.58
75-71-8	Dichlorodifluoromethane	1.1	U	1.1	0.46
74-97-5	Bromochloromethane	1.1	U	1.1	0.30
75-27-4	Bromodichloromethane	1.1	U	1.1	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-138
2037-26-5	Toluene-d8 (Surr)	90		66-126
460-00-4	Bromofluorobenzene	96		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-VD-E (3-5) Lab Sample ID: 460-24280-2

Matrix: Solid Lab File ID: o46708.d

Analysis Method: 8260B Date Collected: 03/17/2011 09:09

Sample wt/vol: 4.68(g) Date Analyzed: 03/28/2011 22:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.8 Level: (low/med) Low

Analysis Batch No.: 68728 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_10/02-14-11A/28mar11a.b/o46708.d
Report Date: 30-Mar-2011 12:28

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46708.d
Lab Smp Id: 460-24280-B-2-A Client Smp ID: PMP-25-VD-E (3-5)
Inj Date : 28-MAR-2011 22:49
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24280-B-2-A;;;4.68;5
Misc Info : 460-24280-B-2-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.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	4.68000	Weight of sample extracted (g)
M	4.78723	% 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	1.807	1.813	(0.447)	6493	7.79232	8.7(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.715	3.715	(0.920)	166924	46.6658	52
*	69 Fluorobenzene	96	4.038	4.038	(1.000)	972825	50.0000	
	25 Trichloroethene	95	4.410	4.410	(1.092)	10639	1.72990	1.9
$	37 Toluene-d8 (SUR)	98	5.806	5.812	(0.748)	720884	44.9258	50
*	32 Chlorobenzene-d5	117	7.757	7.763	(1.000)	696704	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.604	9.610	(0.837)	282574	47.9164	54
*	91 1,4-Dichlorobenzene-d4	152	11.470	11.476	(1.000)	396096	50.0000	
	70 Naphthalene	128	13.835	13.841	(1.206)	10244	0.48819	0.55(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46708.d
Report Date: 30-Mar-2011 12:28

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46708.d
Lab Smp Id: 460-24280-B-2-A Client Smp ID: PMP-25-VD-E (3-5)
Inj Date : 28-MAR-2011 22:49
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24280-B-2-A;;;4.68;5
Misc Info : 460-24280-B-2-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

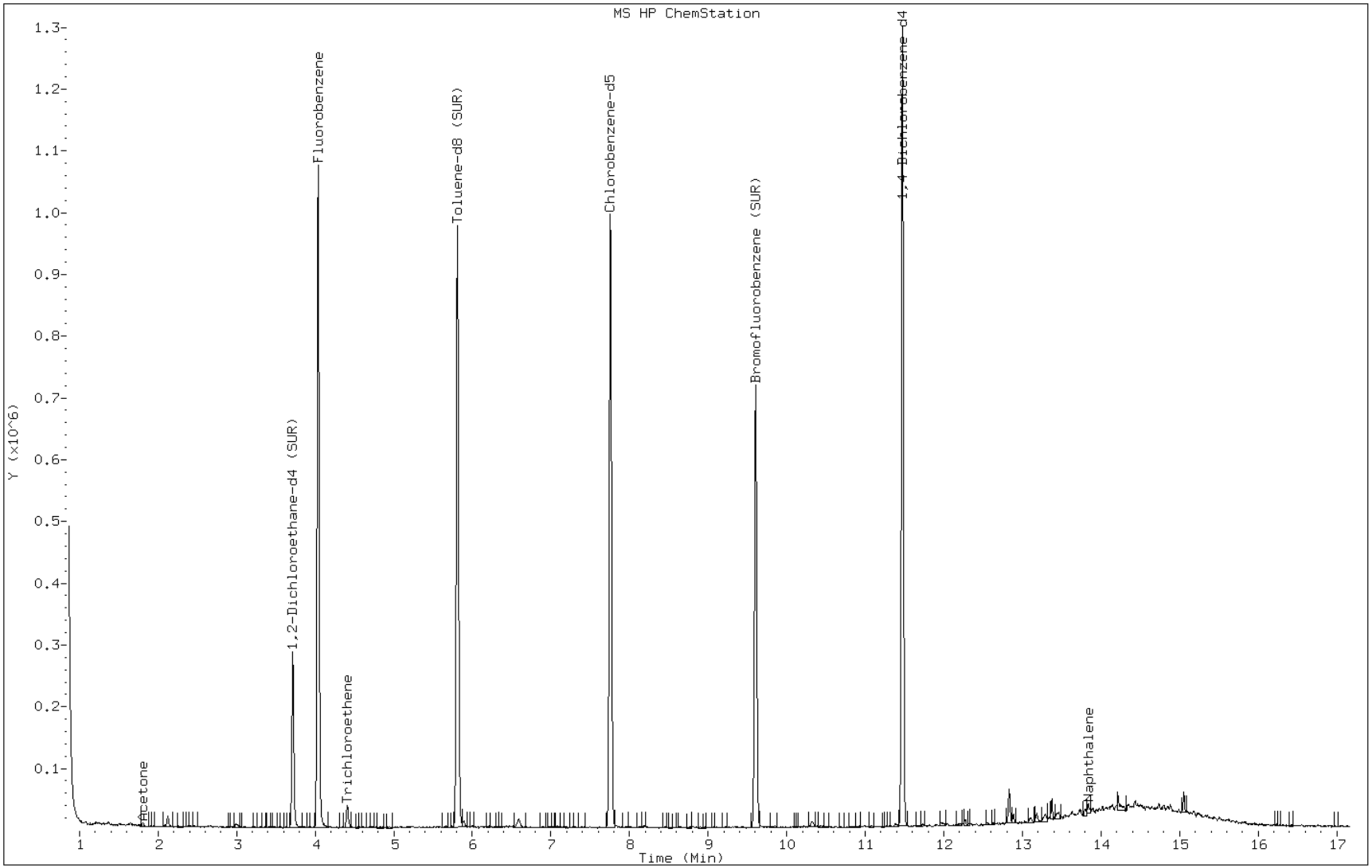
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: o46708.d

Date: 28-MAR-2011 22:49

Client ID: PMP-25-VD-E (3-5) Instrument: VOAMS12.i

Sample Info: 460-24280-B-2-A;;;4.68;5 Operator: VOAMS 9



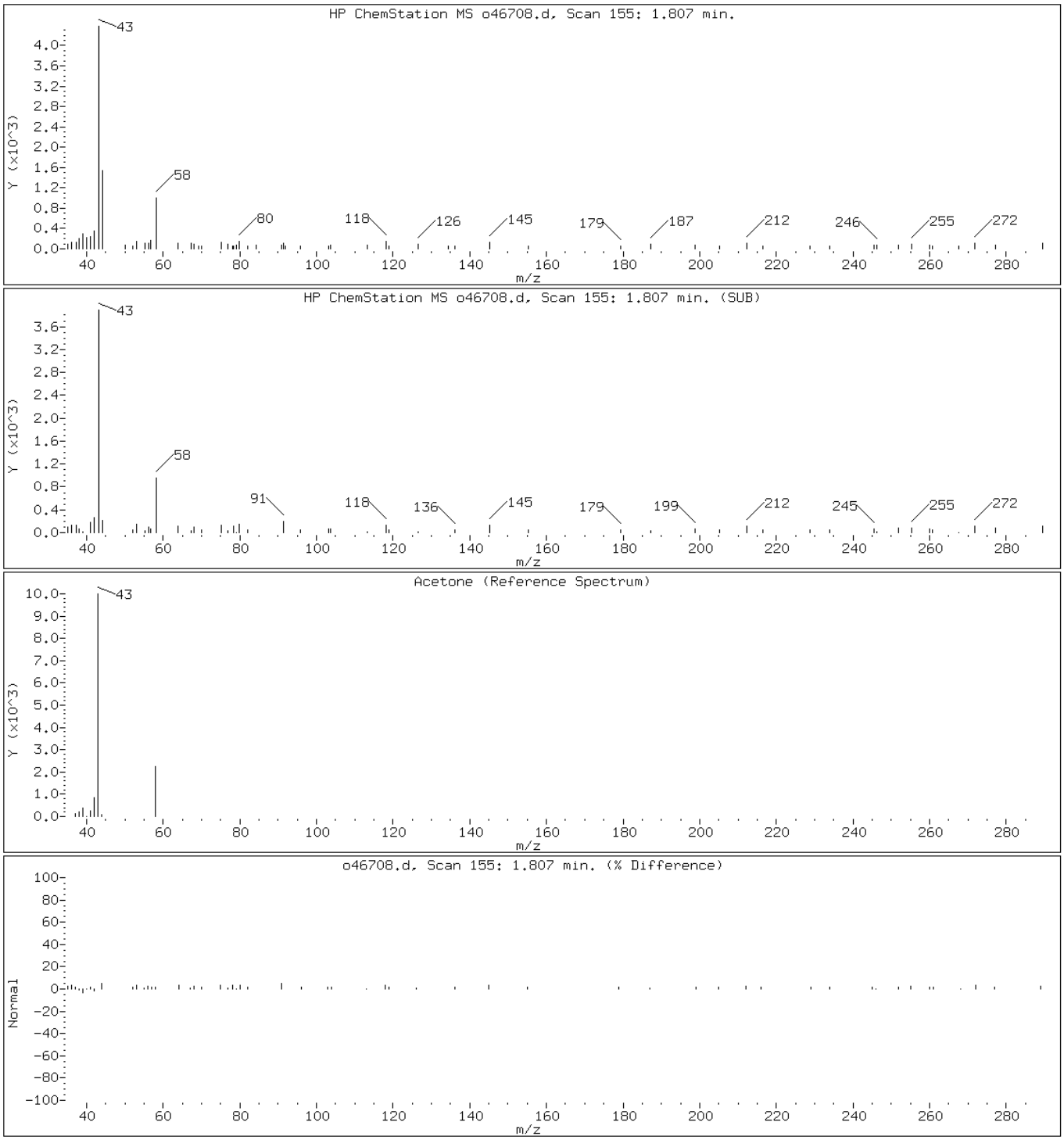
Data File: o46708.d

Date: 28-MAR-2011 22:49

Client ID: PMP-25-VD-E (3-5) Instrument: VOAMS12.i

Sample Info: 460-24280-B-2-A;;;4.68;5 Operator: VOAMS 9

7 Acetone



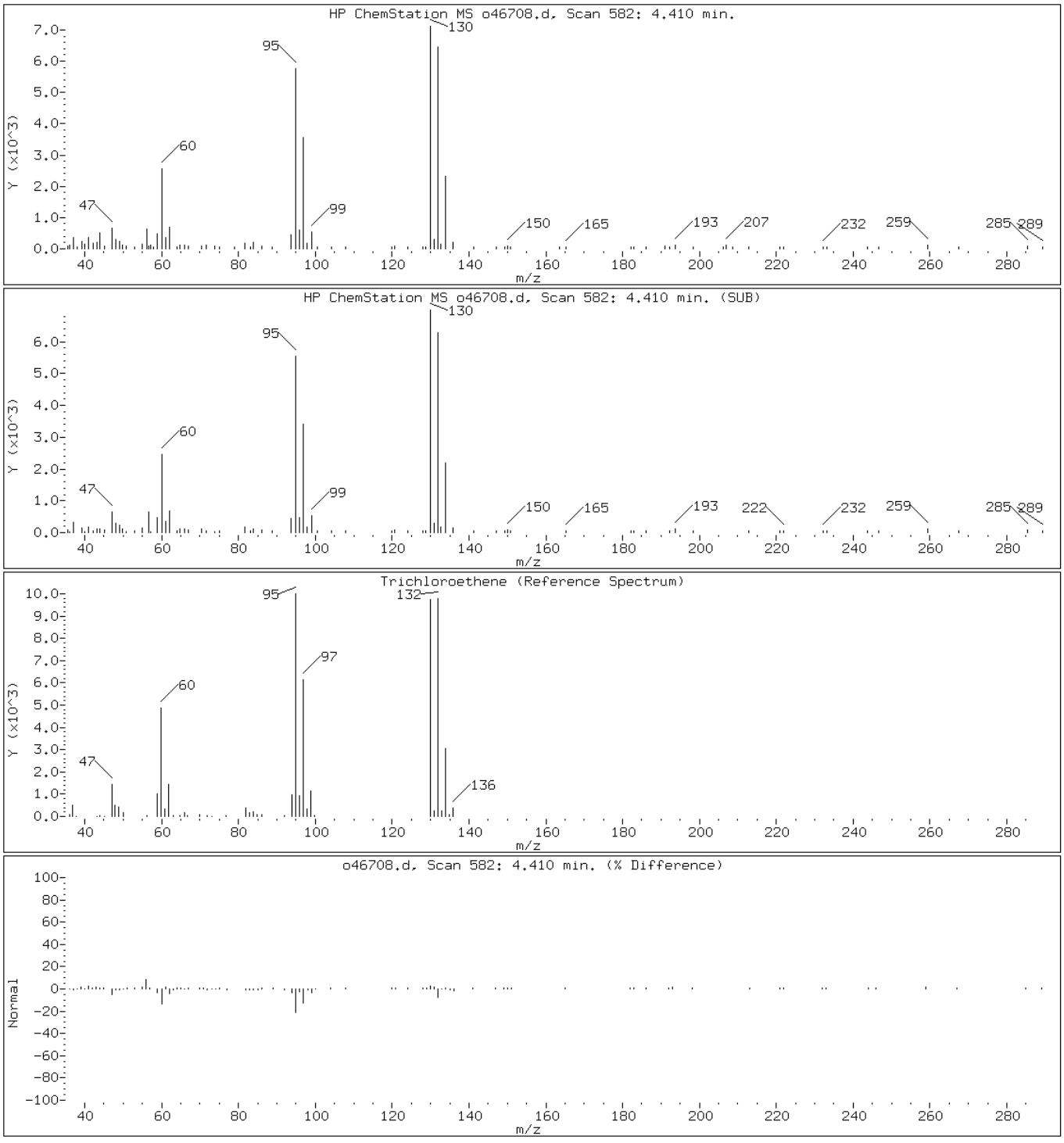
Data File: o46708.d

Date: 28-MAR-2011 22:49

Client ID: PMP-25-VD-E (3-5) Instrument: VOAMS12.i

Sample Info: 460-24280-B-2-A;;;4.68;5 Operator: VOAMS 9

25 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-WT-E (7.5-9.5) | Lab Sample ID: 460-24280-3

Matrix: Solid | Lab File ID: o46709.d

Analysis Method: 8260B | Date Collected: 03/17/2011 09:15

Sample wt/vol: 12.03(g) | Date Analyzed: 03/28/2011 23:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.4 | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.49	U	0.49	0.31
74-83-9	Bromomethane	0.49	U	0.49	0.20
75-01-4	Vinyl chloride	0.49	U	0.49	0.11
75-00-3	Chloroethane	0.49	U	0.49	0.20
75-09-2	Methylene Chloride	0.49	U	0.49	0.23
67-64-1	Acetone	3.7	J B	4.9	1.8
75-15-0	Carbon disulfide	0.49	U	0.49	0.23
75-69-4	Trichlorofluoromethane	0.49	U	0.49	0.13
75-35-4	1,1-Dichloroethene	0.49	U	0.49	0.18
75-34-3	1,1-Dichloroethane	0.49	U	0.49	0.12
156-60-5	trans-1,2-Dichloroethene	0.49	U	0.49	0.14
156-59-2	cis-1,2-Dichloroethene	0.13	J	0.49	0.12
67-66-3	Chloroform	0.49	U	0.49	0.12
78-93-3	2-Butanone	4.9	U	4.9	0.28
107-06-2	1,2-Dichloroethane	0.49	U	0.49	0.19
71-55-6	1,1,1-Trichloroethane	0.49	U	0.49	0.092
56-23-5	Carbon tetrachloride	0.49	U	0.49	0.050
71-43-2	Benzene	0.49	U	0.49	0.36
75-25-2	Bromoform	0.49	U	0.49	0.34
100-42-5	Styrene	0.49	U	0.49	0.17
100-41-4	Ethylbenzene	0.49	U	0.49	0.094
108-90-7	Chlorobenzene	0.49	U	0.49	0.24
110-82-7	Cyclohexane	0.49	U	0.49	0.11
98-82-8	Isopropylbenzene	0.49	U	0.49	0.13
591-78-6	2-Hexanone	4.9	U	4.9	0.82
1634-04-4	MTBE	0.49	U	0.49	0.17
76-13-1	Freon TF	0.49	U	0.49	0.23
79-20-9	Methyl acetate	0.49	U	0.49	0.44
123-91-1	1,4-Dioxane	25	U	25	2.0
79-01-6	Trichloroethene	1.1		0.49	0.18
108-88-3	Toluene	0.49	U	0.49	0.15
10061-02-6	trans-1,3-Dichloropropene	0.49	U	0.49	0.11
108-10-1	4-Methyl-2-pentanone	4.9	U	4.9	0.35
10061-01-5	cis-1,3-Dichloropropene	0.49	U	0.49	0.099
95-50-1	1,2-Dichlorobenzene	0.49	U	0.49	0.31
541-73-1	1,3-Dichlorobenzene	0.49	U	0.49	0.24

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-WT-E (7.5-9.5) | Lab Sample ID: 460-24280-3

Matrix: Solid | Lab File ID: o46709.d

Analysis Method: 8260B | Date Collected: 03/17/2011 09:15

Sample wt/vol: 12.03(g) | Date Analyzed: 03/28/2011 23:14

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.4 | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.49	U	0.49	0.35
120-82-1	1,2,4-Trichlorobenzene	0.49	U	0.49	0.26
87-61-6	1,2,3-Trichlorobenzene	0.49	U	0.49	0.32
78-87-5	1,2-Dichloropropane	0.49	U	0.49	0.16
108-87-2	Methylcyclohexane	0.49	U	0.49	0.13
127-18-4	Tetrachloroethene	0.49	U	0.49	0.16
1330-20-7	Xylenes, Total	1.5	U	1.5	0.39
96-12-8	1,2-Dibromo-3-Chloropropane	0.49	U	0.49	0.30
79-34-5	1,1,2,2-Tetrachloroethane	0.49	U	0.49	0.37
79-00-5	1,1,2-Trichloroethane	0.49	U	0.49	0.29
124-48-1	Dibromochloromethane	0.49	U	0.49	0.28
106-93-4	1,2-Dibromoethane	0.49	U	0.49	0.25
75-71-8	Dichlorodifluoromethane	0.49	U	0.49	0.20
74-97-5	Bromochloromethane	0.49	U	0.49	0.13
75-27-4	Bromodichloromethane	0.49	U	0.49	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-138
2037-26-5	Toluene-d8 (Surr)	90		66-126
460-00-4	Bromofluorobenzene	94		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-WT-E (7.5-9.5) Lab Sample ID: 460-24280-3

Matrix: Solid Lab File ID: o46709.d

Analysis Method: 8260B Date Collected: 03/17/2011 09:15

Sample wt/vol: 12.03(g) Date Analyzed: 03/28/2011 23:14

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.4 Level: (low/med) Low

Analysis Batch No.: 68728 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_10/02-14-11A/28mar11a.b/o46709.d
Report Date: 30-Mar-2011 12:29

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46709.d
Lab Smp Id: 460-24280-B-3-A Client Smp ID: PMP-25-WT-E (7.5-9.
Inj Date : 28-MAR-2011 23:14
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24280-B-3-A;;;12.03;5
Misc Info : 460-24280-B-3-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.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	12.03000	Weight of sample extracted (g)
M	15.39510	% 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	1.807	1.813	(0.447)	6266	7.47080	3.7(a)
	13 cis-1,2-Dichloroethene	96	3.008	3.008	(0.745)	1753	0.27029	0.13(aH)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.715	3.715	(0.920)	169756	47.1477	23
*	69 Fluorobenzene	96	4.038	4.038	(1.000)	979218	50.0000	
	25 Trichloroethene	95	4.404	4.410	(1.091)	13869	2.24037	1.1
$	37 Toluene-d8 (SUR)	98	5.806	5.812	(0.748)	724497	44.9272	22
*	32 Chlorobenzene-d5	117	7.757	7.763	(1.000)	700175	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.604	9.610	(0.837)	279735	46.8505	23
*	91 1,4-Dichlorobenzene-d4	152	11.470	11.476	(1.000)	401038	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46709.d
Report Date: 30-Mar-2011 12:29

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46709.d
Report Date: 30-Mar-2011 12:29

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46709.d
Lab Smp Id: 460-24280-B-3-A Client Smp ID: PMP-25-WT-E (7.5-9.
Inj Date : 28-MAR-2011 23:14
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24280-B-3-A;;;12.03;5
Misc Info : 460-24280-B-3-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

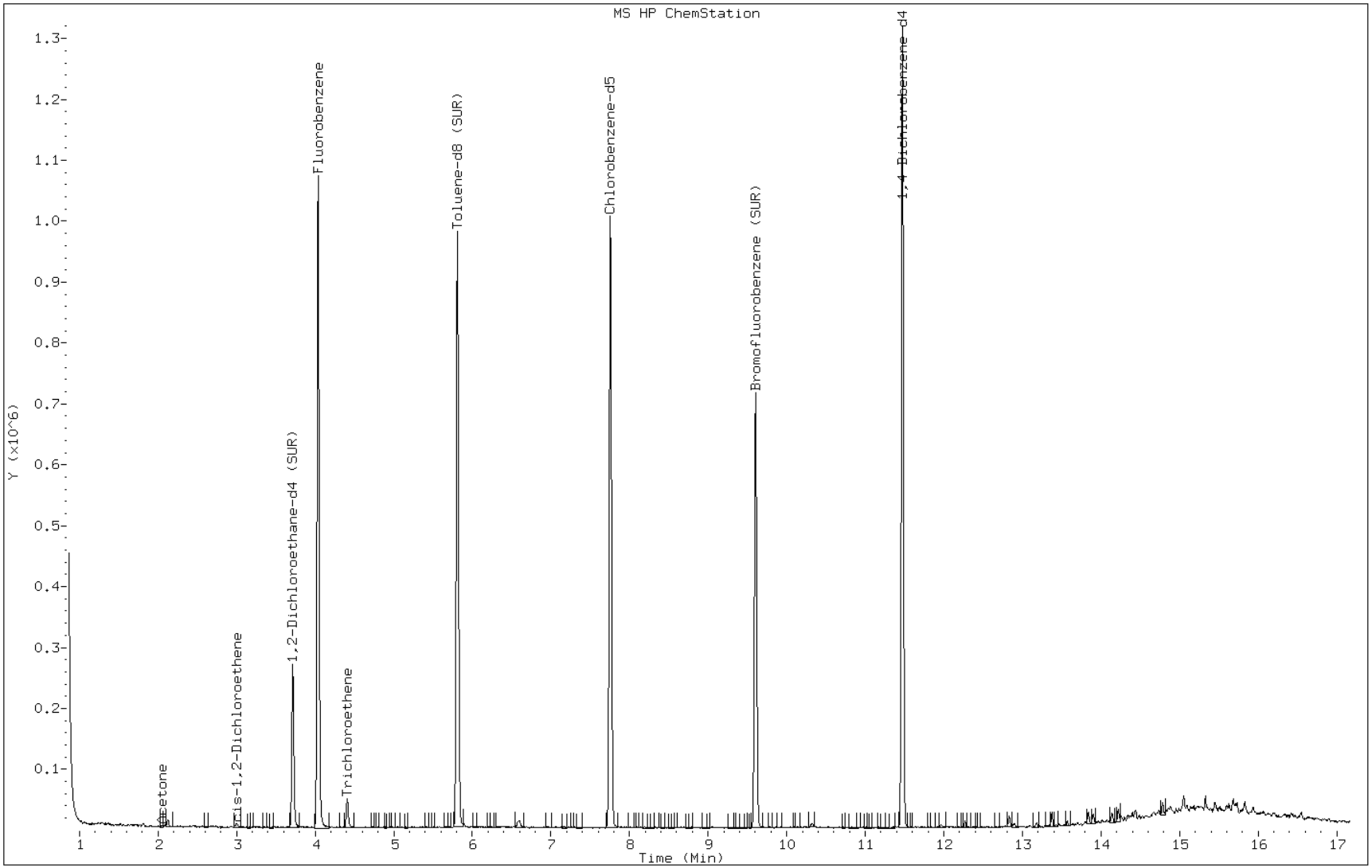
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: o46709.d

Date: 28-MAR-2011 23:14

Client ID: PMP-25-WT-E (7.5-9. Instrument: VOAMS12.i

Sample Info: 460-24280-B-3-A;;;12.03;5 Operator: VOAMS 9



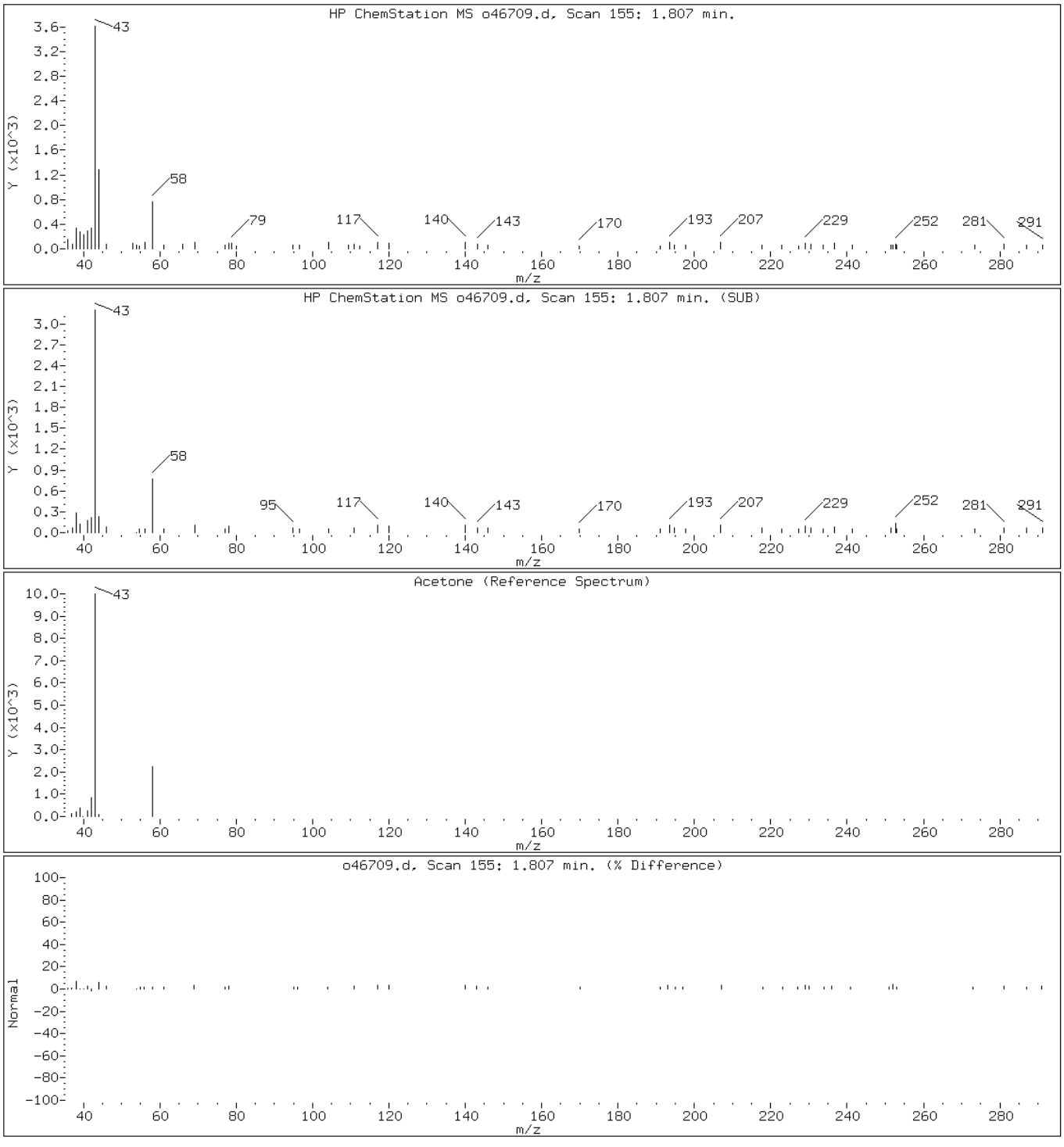
Data File: o46709.d

Date: 28-MAR-2011 23:14

Client ID: PMP-25-WT-E (7.5-9. Instrument: VOAMS12.i

Sample Info: 460-24280-B-3-A;;;12.03;5 Operator: VOAMS 9

7 Acetone



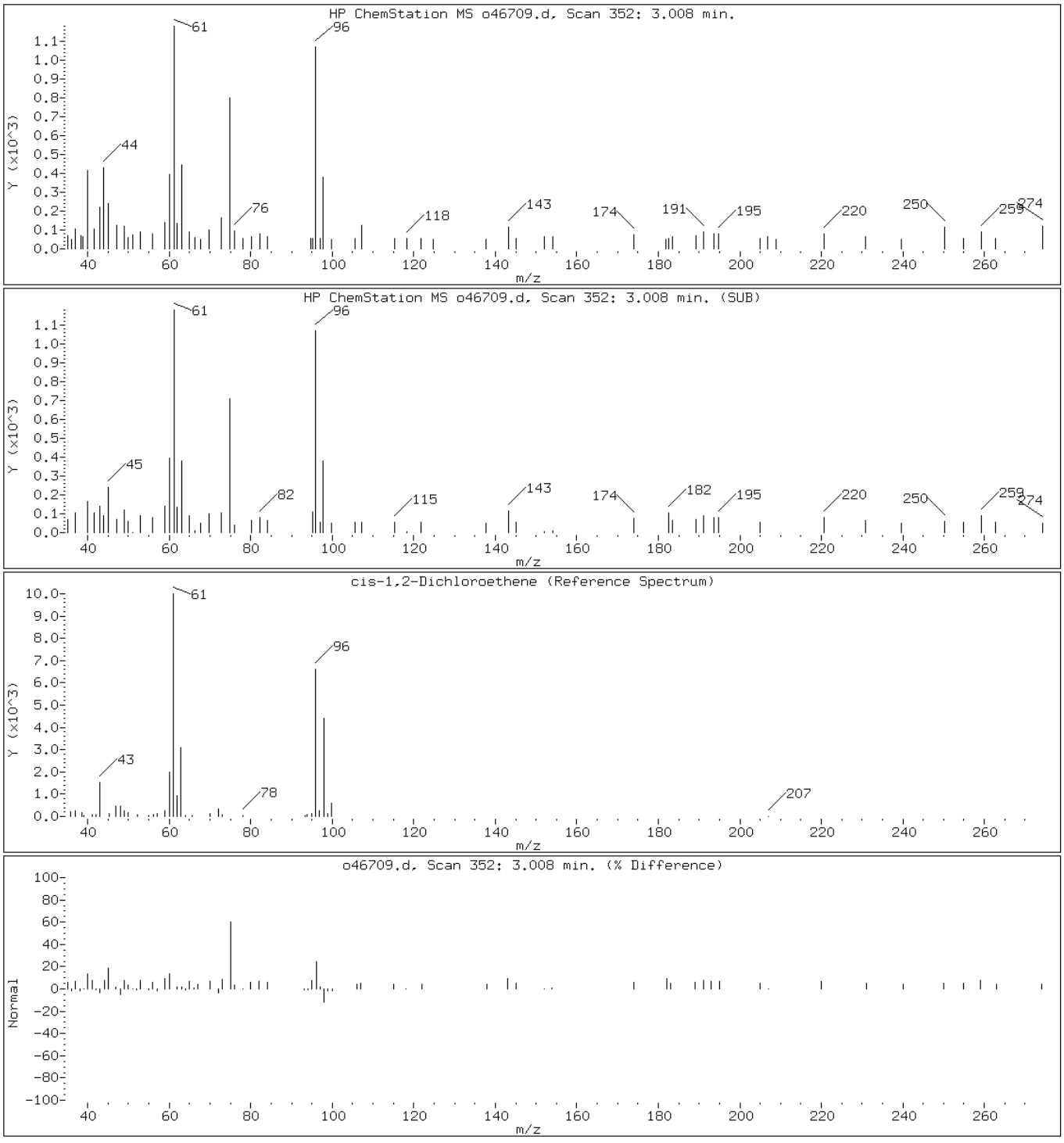
Data File: o46709.d

Date: 28-MAR-2011 23:14

Client ID: PMP-25-WT-E (7.5-9. Instrument: VOAMS12.i

Sample Info: 460-24280-B-3-A;;;12.03;5 Operator: VOAMS 9

13 cis-1,2-Dichloroethene



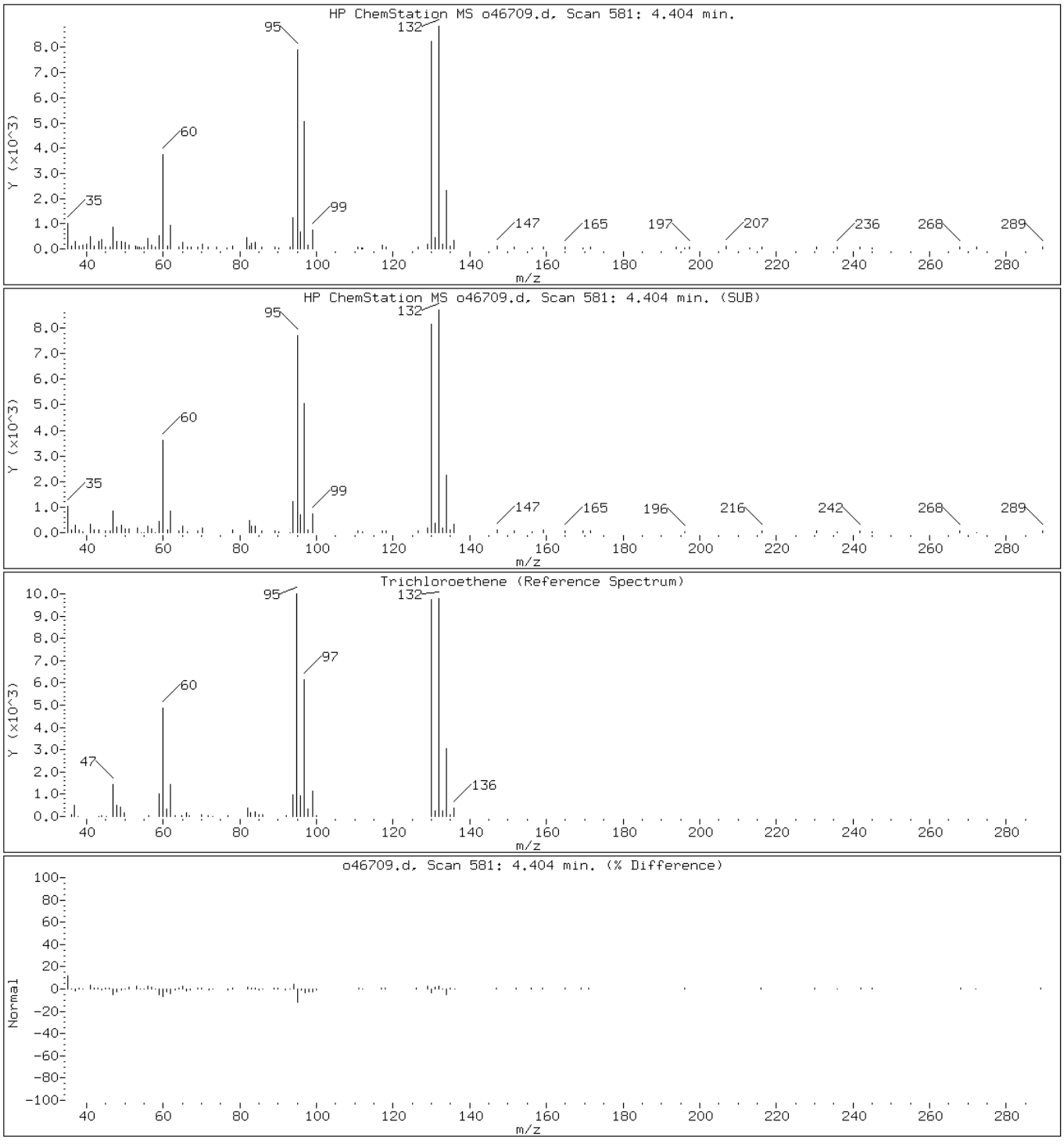
Data File: o46709.d

Date: 28-MAR-2011 23:14

Client ID: PMP-25-WT-E (7.5-9. Instrument: VOAMS12.i

Sample Info: 460-24280-B-3-A;;;12.03;5 Operator: VOAMS 9

25 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-VD-E (3.5-4) | Lab Sample ID: 460-24280-4

Matrix: Solid | Lab File ID: o46710.d

Analysis Method: 8260B | Date Collected: 03/17/2011 09:20

Sample wt/vol: 5.22(g) | Date Analyzed: 03/28/2011 23:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 5.9 | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.65
74-83-9	Bromomethane	1.0	U	1.0	0.42
75-01-4	Vinyl chloride	1.0	U	1.0	0.24
75-00-3	Chloroethane	1.0	U	1.0	0.41
75-09-2	Methylene Chloride	1.0	U	1.0	0.48
67-64-1	Acetone	8.1	J B	10	3.8
75-15-0	Carbon disulfide	1.0	U	1.0	0.47
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.38
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.26
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.29
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.24
67-66-3	Chloroform	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.58
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.40
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.19
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.75
75-25-2	Bromoform	1.0	U	1.0	0.71
100-42-5	Styrene	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	1.0	U	1.0	0.19
108-90-7	Chlorobenzene	1.0	U	1.0	0.49
110-82-7	Cyclohexane	1.0	U	1.0	0.23
98-82-8	Isopropylbenzene	1.0	U	1.0	0.26
591-78-6	2-Hexanone	10	U	10	1.7
1634-04-4	MTBE	1.0	U	1.0	0.35
76-13-1	Freon TF	1.0	U	1.0	0.48
79-20-9	Methyl acetate	1.0	U	1.0	0.91
123-91-1	1,4-Dioxane	51	U	51	4.2
79-01-6	Trichloroethene	1.4		1.0	0.37
108-88-3	Toluene	1.0	U	1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
108-10-1	4-Methyl-2-pentanone	10	U	10	0.73
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.20
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.65
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-VD-E (3.5-4) | Lab Sample ID: 460-24280-4

Matrix: Solid | Lab File ID: o46710.d

Analysis Method: 8260B | Date Collected: 03/17/2011 09:20

Sample wt/vol: 5.22(g) | Date Analyzed: 03/28/2011 23:38

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 5.9 | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.72
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.66
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.32
108-87-2	Methylcyclohexane	1.0	U	1.0	0.28
127-18-4	Tetrachloroethene	1.0	U	1.0	0.34
1330-20-7	Xylenes, Total	3.1	U	3.1	0.80
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.62
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.77
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.60
124-48-1	Dibromochloromethane	1.0	U	1.0	0.57
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.53
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.41
74-97-5	Bromochloromethane	1.0	U	1.0	0.28
75-27-4	Bromodichloromethane	1.0	U	1.0	0.31

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	77		70-138
2037-26-5	Toluene-d8 (Surr)	71		66-126
460-00-4	Bromofluorobenzene	74		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-VD-E (3.5-4) Lab Sample ID: 460-24280-4

Matrix: Solid Lab File ID: o46710.d

Analysis Method: 8260B Date Collected: 03/17/2011 09:20

Sample wt/vol: 5.22(g) Date Analyzed: 03/28/2011 23:38

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 5.9 Level: (low/med) Low

Analysis Batch No.: 68728 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_10/02-14-11A/28mar11a.b/o46710.d
Report Date: 30-Mar-2011 12:29

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46710.d
Lab Smp Id: 460-24280-B-4-A Client Smp ID: PMP-21-VD-E (3.5-4)
Inj Date : 28-MAR-2011 23:38
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24280-B-4-A;;;5.22;5
Misc Info : 460-24280-B-4-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.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	5.22000	Weight of sample extracted (g)
M	5.91716	% 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	1.807	1.813	(0.447)	6529	7.90776	8.0(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.715	3.715	(0.920)	136883	38.6202	39
*	69 Fluorobenzene	96	4.038	4.038	(1.000)	963939	50.0000	
	25 Trichloroethene	95	4.404	4.410	(1.091)	8407	1.37958	1.4
$	37 Toluene-d8 (SUR)	98	5.806	5.812	(0.748)	572642	35.2851	36
*	32 Chlorobenzene-d5	117	7.757	7.763	(1.000)	704646	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.604	9.610	(0.837)	226989	36.7832	37
*	91 1,4-Dichlorobenzene-d4	152	11.469	11.476	(1.000)	414484	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46710.d
Report Date: 30-Mar-2011 12:29

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46710.d
Lab Smp Id: 460-24280-B-4-A Client Smp ID: PMP-21-VD-E (3.5-4)
Inj Date : 28-MAR-2011 23:38
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24280-B-4-A;;;5.22;5
Misc Info : 460-24280-B-4-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

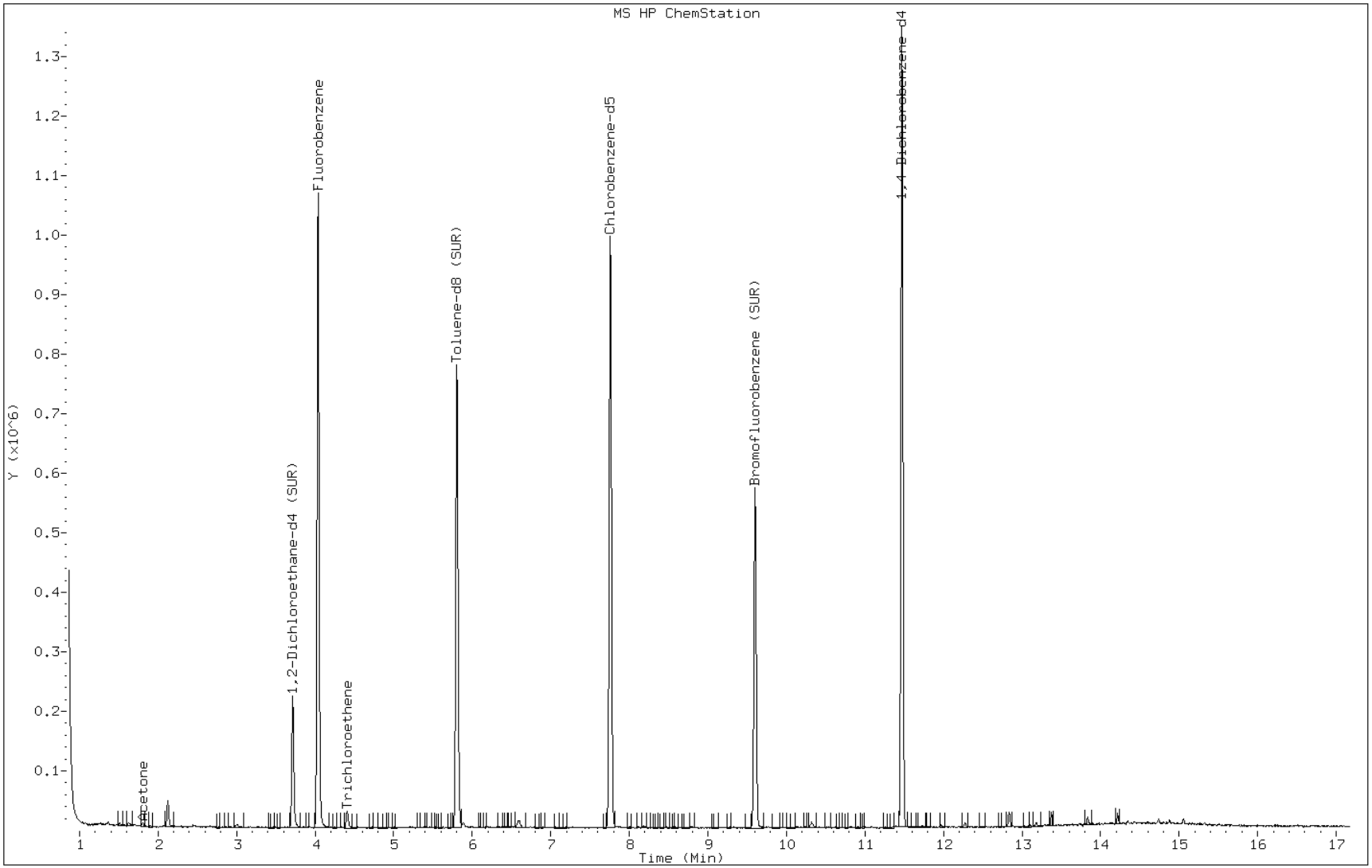
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: o46710.d

Date: 28-MAR-2011 23:38

Client ID: PMP-21-VD-E (3.5-4) Instrument: VOAMS12.i

Sample Info: 460-24280-B-4-A;;;5.22;5 Operator: VOAMS 9



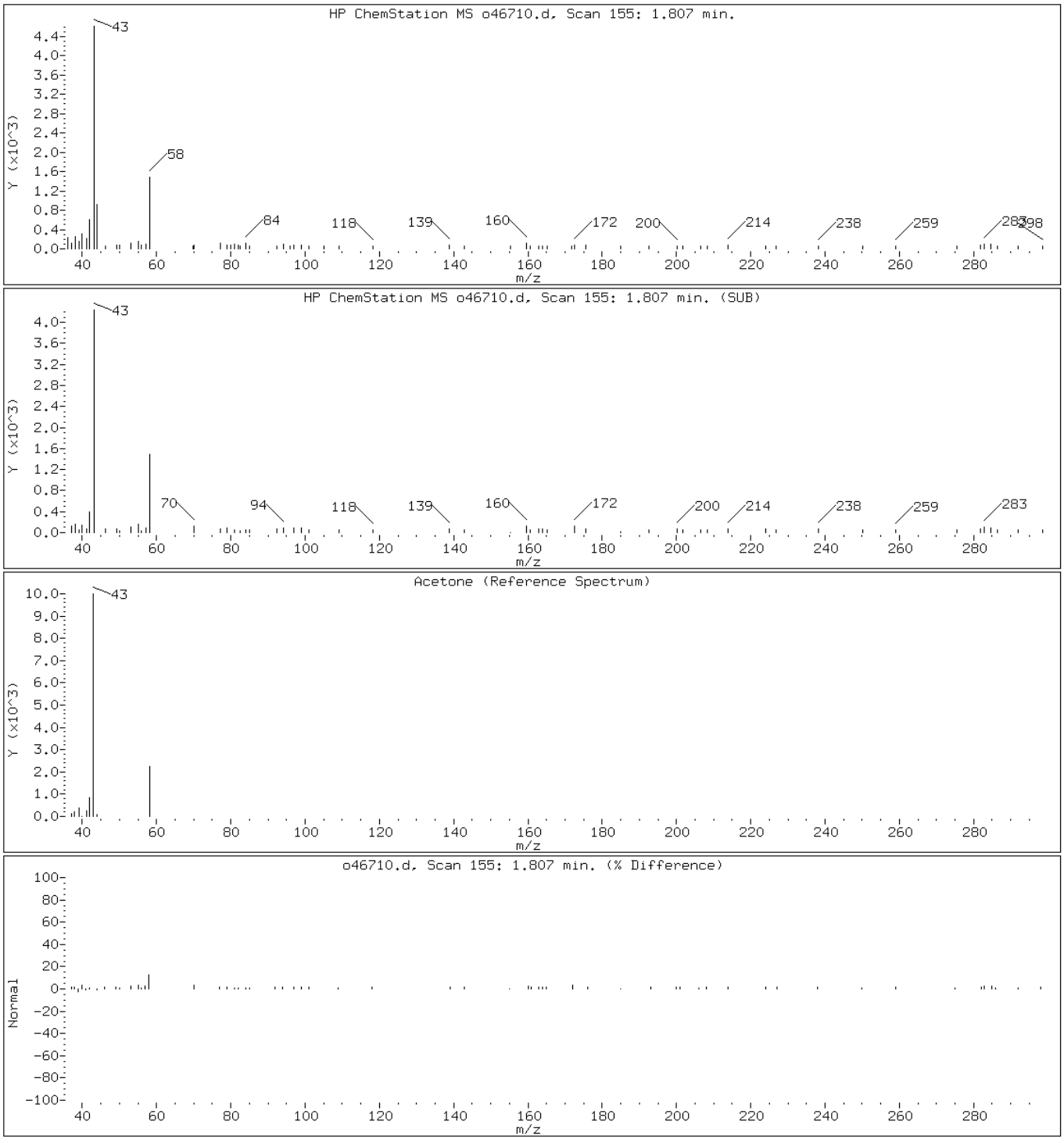
Data File: o46710.d

Date: 28-MAR-2011 23:38

Client ID: PMP-21-VD-E (3.5-4) Instrument: VOAMS12.i

Sample Info: 460-24280-B-4-A;;;5.22;5 Operator: VOAMS 9

7 Acetone



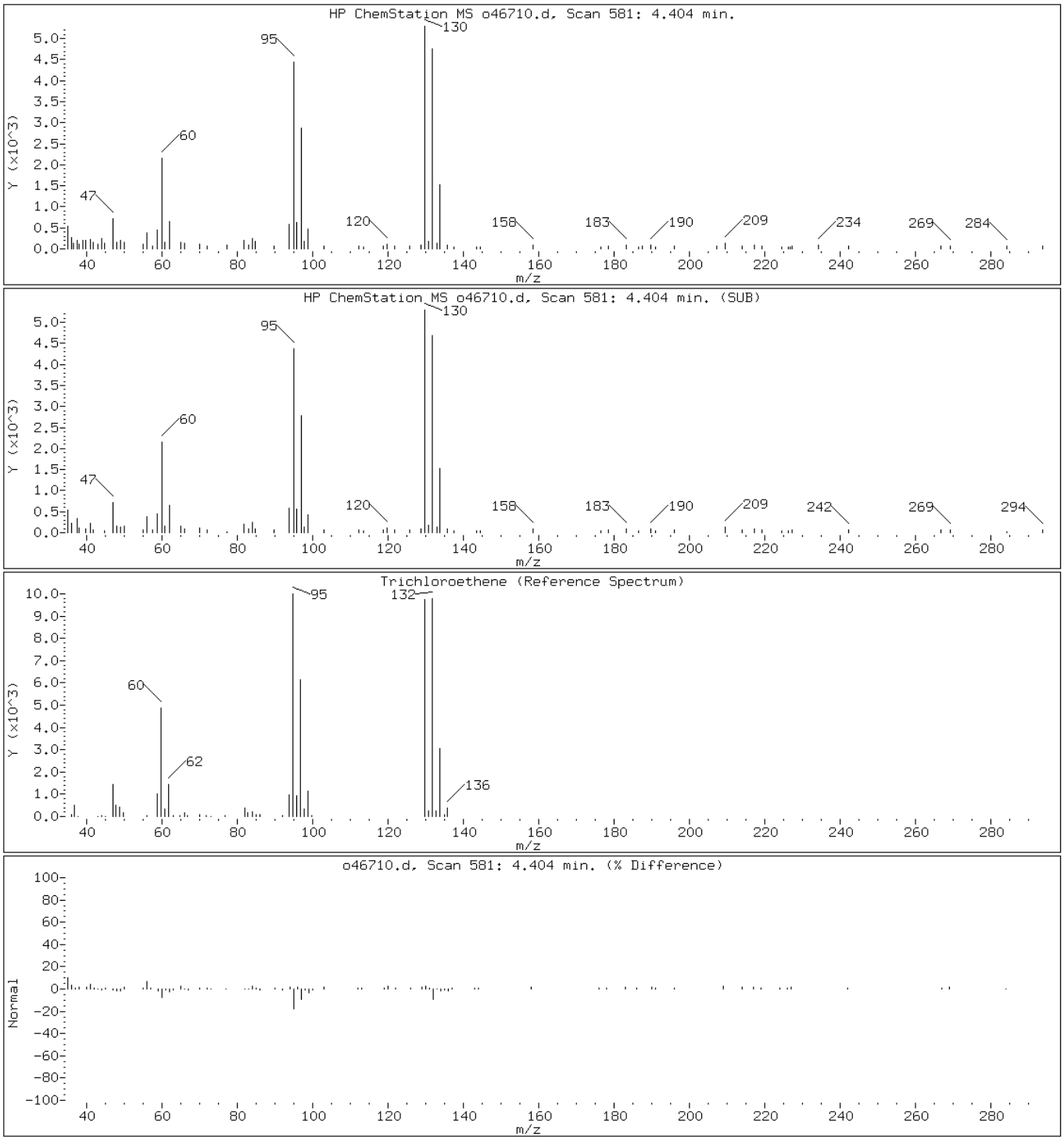
Data File: o46710.d

Date: 28-MAR-2011 23:38

Client ID: PMP-21-VD-E (3.5-4) Instrument: VOAMS12.i

Sample Info: 460-24280-B-4-A;;;5.22;5 Operator: VOAMS 9

25 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-WT-E (8-8.5) | Lab Sample ID: 460-24280-5

Matrix: Solid | Lab File ID: o46711.d

Analysis Method: 8260B | Date Collected: 03/17/2011 09:25

Sample wt/vol: 6.05(g) | Date Analyzed: 03/29/2011 00:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.6 | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.98	U	0.98	0.62
74-83-9	Bromomethane	0.98	U	0.98	0.40
75-01-4	Vinyl chloride	0.98	U	0.98	0.23
75-00-3	Chloroethane	0.98	U	0.98	0.39
75-09-2	Methylene Chloride	0.98	U	0.98	0.46
67-64-1	Acetone	17	B	9.8	3.6
75-15-0	Carbon disulfide	0.98	U	0.98	0.46
75-69-4	Trichlorofluoromethane	0.98	U	0.98	0.25
75-35-4	1,1-Dichloroethene	0.98	U	0.98	0.36
75-34-3	1,1-Dichloroethane	0.98	U	0.98	0.25
156-60-5	trans-1,2-Dichloroethene	0.98	U	0.98	0.28
156-59-2	cis-1,2-Dichloroethene	0.98	U	0.98	0.23
67-66-3	Chloroform	0.98	U	0.98	0.23
78-93-3	2-Butanone	9.8	U	9.8	0.56
107-06-2	1,2-Dichloroethane	0.98	U	0.98	0.38
71-55-6	1,1,1-Trichloroethane	0.98	U	0.98	0.18
56-23-5	Carbon tetrachloride	0.98	U	0.98	0.099
71-43-2	Benzene	0.98	U	0.98	0.72
75-25-2	Bromoform	0.98	U	0.98	0.69
100-42-5	Styrene	0.98	U	0.98	0.34
100-41-4	Ethylbenzene	0.98	U	0.98	0.19
108-90-7	Chlorobenzene	0.98	U	0.98	0.47
110-82-7	Cyclohexane	0.98	U	0.98	0.22
98-82-8	Isopropylbenzene	0.98	U	0.98	0.25
591-78-6	2-Hexanone	9.8	U	9.8	1.6
1634-04-4	MTBE	0.98	U	0.98	0.34
76-13-1	Freon TF	0.98	U	0.98	0.47
79-20-9	Methyl acetate	0.98	U	0.98	0.88
123-91-1	1,4-Dioxane	49	U	49	4.1
79-01-6	Trichloroethene	1.5		0.98	0.36
108-88-3	Toluene	0.98	U	0.98	0.29
10061-02-6	trans-1,3-Dichloropropene	0.98	U	0.98	0.22
108-10-1	4-Methyl-2-pentanone	9.8	U	9.8	0.70
10061-01-5	cis-1,3-Dichloropropene	0.98	U	0.98	0.20
95-50-1	1,2-Dichlorobenzene	0.98	U	0.98	0.62
541-73-1	1,3-Dichlorobenzene	0.98	U	0.98	0.47

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-WT-E (8-8.5) | Lab Sample ID: 460-24280-5

Matrix: Solid | Lab File ID: o46711.d

Analysis Method: 8260B | Date Collected: 03/17/2011 09:25

Sample wt/vol: 6.05(g) | Date Analyzed: 03/29/2011 00:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.6 | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.98	U	0.98	0.70
120-82-1	1,2,4-Trichlorobenzene	0.98	U	0.98	0.52
87-61-6	1,2,3-Trichlorobenzene	0.98	U	0.98	0.63
78-87-5	1,2-Dichloropropane	0.98	U	0.98	0.31
108-87-2	Methylcyclohexane	0.98	U	0.98	0.27
127-18-4	Tetrachloroethene	0.98	U	0.98	0.32
1330-20-7	Xylenes, Total	2.9	U	2.9	0.77
96-12-8	1,2-Dibromo-3-Chloropropane	0.98	U	0.98	0.60
79-34-5	1,1,2,2-Tetrachloroethane	0.98	U	0.98	0.74
79-00-5	1,1,2-Trichloroethane	0.98	U	0.98	0.58
124-48-1	Dibromochloromethane	0.98	U	0.98	0.55
106-93-4	1,2-Dibromoethane	0.98	U	0.98	0.51
75-71-8	Dichlorodifluoromethane	0.98	U	0.98	0.40
74-97-5	Bromochloromethane	0.98	U	0.98	0.27
75-27-4	Bromodichloromethane	0.98	U	0.98	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-138
2037-26-5	Toluene-d8 (Surr)	89		66-126
460-00-4	Bromofluorobenzene	94		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-WT-E (8-8.5) Lab Sample ID: 460-24280-5

Matrix: Solid Lab File ID: o46711.d

Analysis Method: 8260B Date Collected: 03/17/2011 09:25

Sample wt/vol: 6.05(g) Date Analyzed: 03/29/2011 00:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.6 Level: (low/med) Low

Analysis Batch No.: 68728 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_10/02-14-11A/28mar11a.b/o46711.d
Report Date: 29-Mar-2011 11:00

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46711.d
Lab Smp Id: 460-24280-B-5-A Client Smp ID: PMP-21-WT-E (8-8.5)
Inj Date : 29-MAR-2011 00:03
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24280-B-5-A;;;6.05;5
Misc Info : 460-24280-B-5-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.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	6.05000	Weight of sample extracted (g)
M	15.58245	% 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	1.807	1.813	(0.447)	13789	17.1433	17
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.715	3.715	(0.920)	160449	46.4684	45
* 69 Fluorobenzene	96	4.038	4.038	(1.000)	939062	50.0000	
25 Trichloroethene	95	4.404	4.410	(1.091)	8884	1.49647	1.5
$ 37 Toluene-d8 (SUR)	98	5.806	5.812	(0.748)	694442	44.4058	43
* 32 Chlorobenzene-d5	117	7.757	7.763	(1.000)	679008	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.604	9.610	(0.837)	268888	46.7549	46
* 91 1,4-Dichlorobenzene-d4	152	11.469	11.476	(1.000)	386275	50.0000	

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46711.d
Report Date: 29-Mar-2011 11:00

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46711.d
Lab Smp Id: 460-24280-B-5-A Client Smp ID: PMP-21-WT-E (8-8.5)
Inj Date : 29-MAR-2011 00:03
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24280-B-5-A;;;6.05;5
Misc Info : 460-24280-B-5-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

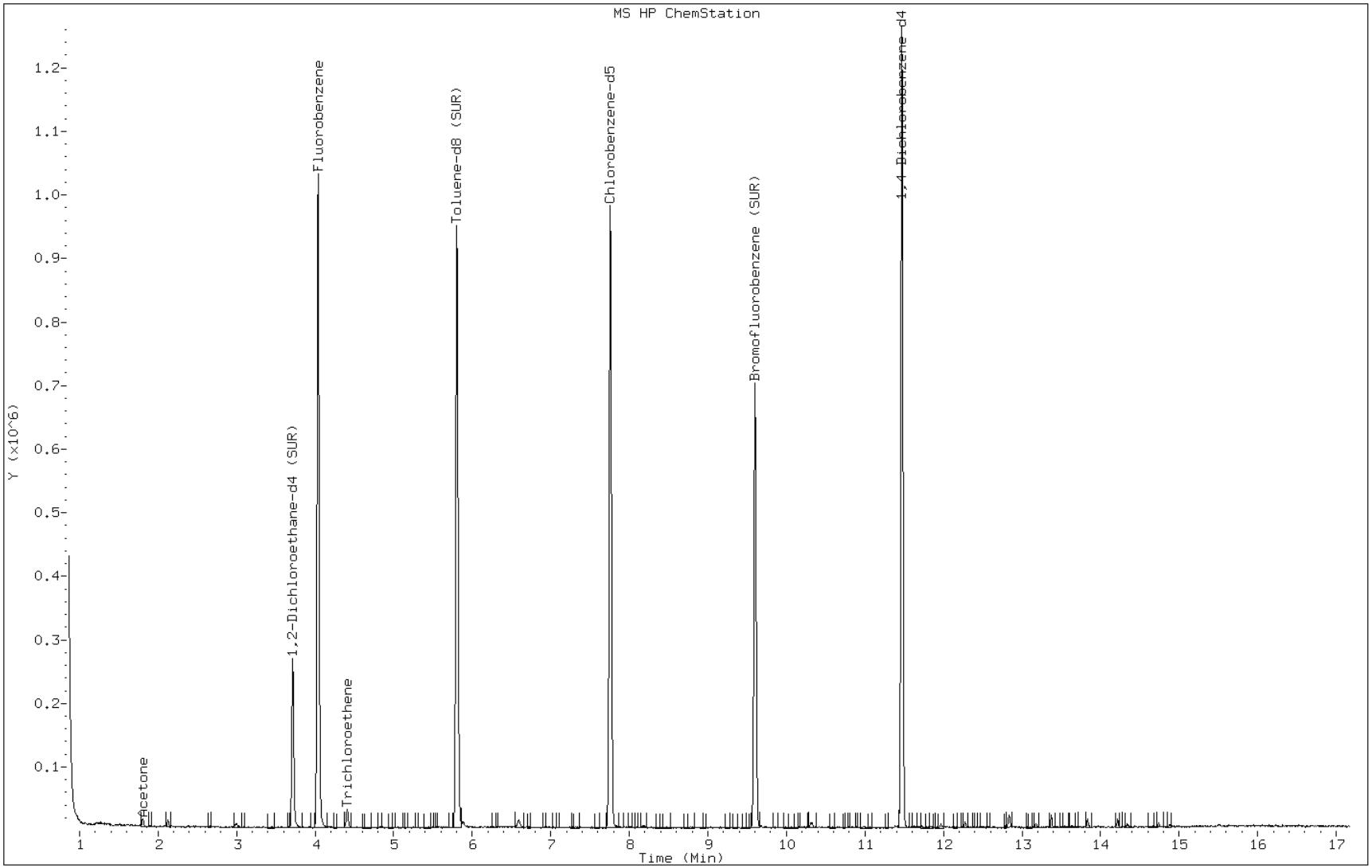
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: o46711.d

Date: 29-MAR-2011 00:03

Client ID: PMP-21-WT-E (8-8.5) Instrument: VOAMS12.i

Sample Info: 460-24280-B-5-A;;;6.05;5 Operator: VOAMS 9



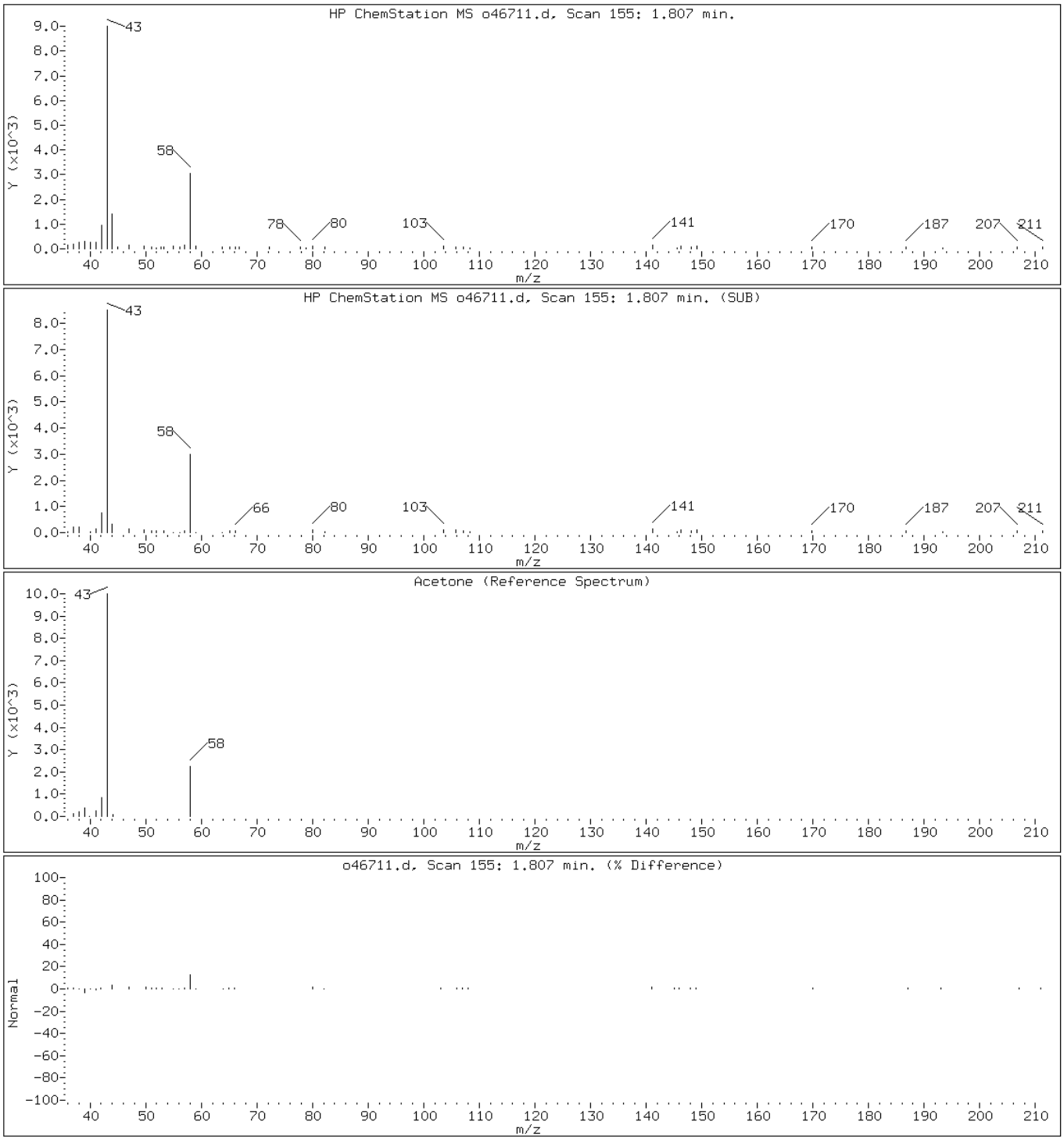
Data File: o46711.d

Date: 29-MAR-2011 00:03

Client ID: PMP-21-WT-E (8-8.5) Instrument: VOAMS12.i

Sample Info: 460-24280-B-5-A;;;6.05;5 Operator: VOAMS 9

7 Acetone



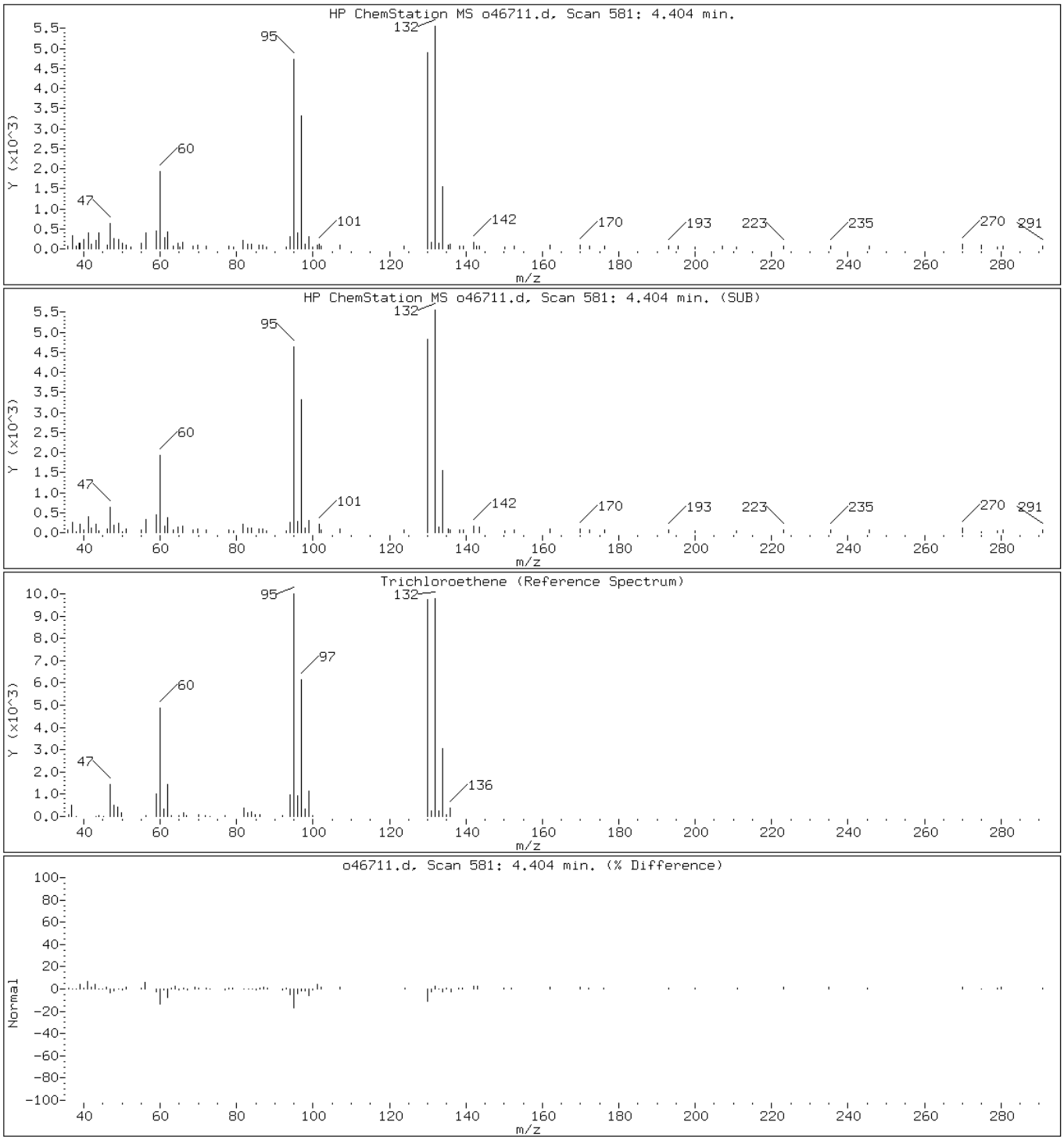
Data File: o46711.d

Date: 29-MAR-2011 00:03

Client ID: PMP-21-WT-E (8-8.5) Instrument: VOAMS12.i

Sample Info: 460-24280-B-5-A;;;6.05;5 Operator: VOAMS 9

25 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-SI-E (10.5-11) Lab Sample ID: 460-24280-6

Matrix: Solid Lab File ID: o46712.d

Analysis Method: 8260B Date Collected: 03/17/2011 09:30

Sample wt/vol: 16.47(g) Date Analyzed: 03/29/2011 00:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.2 Level: (low/med) Low

Analysis Batch No.: 68728 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.35	U	0.35	0.22
74-83-9	Bromomethane	0.35	U	0.35	0.14
75-01-4	Vinyl chloride	0.35	U	0.35	0.083
75-00-3	Chloroethane	0.35	U	0.35	0.14
75-09-2	Methylene Chloride	0.35	U	0.35	0.17
67-64-1	Acetone	5.2	B	3.5	1.3
75-15-0	Carbon disulfide	0.35	U	0.35	0.16
75-69-4	Trichlorofluoromethane	0.35	U	0.35	0.092
75-35-4	1,1-Dichloroethene	0.35	U	0.35	0.13
75-34-3	1,1-Dichloroethane	0.35	U	0.35	0.089
156-60-5	trans-1,2-Dichloroethene	0.35	U	0.35	0.10
156-59-2	cis-1,2-Dichloroethene	0.13	J	0.35	0.084
67-66-3	Chloroform	0.35	U	0.35	0.084
78-93-3	2-Butanone	3.5	U	3.5	0.20
107-06-2	1,2-Dichloroethane	0.35	U	0.35	0.14
71-55-6	1,1,1-Trichloroethane	0.35	U	0.35	0.066
56-23-5	Carbon tetrachloride	0.35	U	0.35	0.036
71-43-2	Benzene	0.35	U	0.35	0.26
75-25-2	Bromoform	0.35	U	0.35	0.25
100-42-5	Styrene	0.35	U	0.35	0.12
100-41-4	Ethylbenzene	0.35	U	0.35	0.068
108-90-7	Chlorobenzene	0.35	U	0.35	0.17
110-82-7	Cyclohexane	0.35	U	0.35	0.079
98-82-8	Isopropylbenzene	0.35	U	0.35	0.092
591-78-6	2-Hexanone	3.5	U	3.5	0.59
1634-04-4	MTBE	0.35	U	0.35	0.12
76-13-1	Freon TF	0.35	U	0.35	0.17
79-20-9	Methyl acetate	0.35	U	0.35	0.32
123-91-1	1,4-Dioxane	18	U	18	1.5
79-01-6	Trichloroethene	1.1		0.35	0.13
108-88-3	Toluene	0.35	U	0.35	0.11
10061-02-6	trans-1,3-Dichloropropene	0.35	U	0.35	0.078
108-10-1	4-Methyl-2-pentanone	3.5	U	3.5	0.25
10061-01-5	cis-1,3-Dichloropropene	0.35	U	0.35	0.071
95-50-1	1,2-Dichlorobenzene	0.35	U	0.35	0.23
541-73-1	1,3-Dichlorobenzene	0.35	U	0.35	0.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-SI-E (10.5-11) | Lab Sample ID: 460-24280-6

Matrix: Solid | Lab File ID: o46712.d

Analysis Method: 8260B | Date Collected: 03/17/2011 09:30

Sample wt/vol: 16.47(g) | Date Analyzed: 03/29/2011 00:28

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.2 | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.35	U	0.35	0.25
120-82-1	1,2,4-Trichlorobenzene	0.35	U	0.35	0.19
87-61-6	1,2,3-Trichlorobenzene	0.35	U	0.35	0.23
78-87-5	1,2-Dichloropropane	0.35	U	0.35	0.11
108-87-2	Methylcyclohexane	0.35	U	0.35	0.097
127-18-4	Tetrachloroethene	0.35	U	0.35	0.12
1330-20-7	Xylenes, Total	1.1	U	1.1	0.28
96-12-8	1,2-Dibromo-3-Chloropropane	0.35	U	0.35	0.22
79-34-5	1,1,2,2-Tetrachloroethane	0.35	U	0.35	0.27
79-00-5	1,1,2-Trichloroethane	0.35	U	0.35	0.21
124-48-1	Dibromochloromethane	0.35	U	0.35	0.20
106-93-4	1,2-Dibromoethane	0.35	U	0.35	0.18
75-71-8	Dichlorodifluoromethane	0.35	U	0.35	0.14
74-97-5	Bromochloromethane	0.35	U	0.35	0.096
75-27-4	Bromodichloromethane	0.35	U	0.35	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-138
2037-26-5	Toluene-d8 (Surr)	91		66-126
460-00-4	Bromofluorobenzene	94		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-SI-E (10.5-11) Lab Sample ID: 460-24280-6

Matrix: Solid Lab File ID: o46712.d

Analysis Method: 8260B Date Collected: 03/17/2011 09:30

Sample wt/vol: 16.47(g) Date Analyzed: 03/29/2011 00:28

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.2 Level: (low/med) Low

Analysis Batch No.: 68728 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_10/02-14-11A/28mar11a.b/o46712.d
Report Date: 30-Mar-2011 12:30

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46712.d
Lab Smp Id: 460-24280-B-6-A Client Smp ID: PMP-21-SI-E (10.5-1
Inj Date : 29-MAR-2011 00:28
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24280-B-6-A;;;16.47;5
Misc Info : 460-24280-B-6-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.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	16.47000	Weight of sample extracted (g)
M	14.24051	% 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)
	7 Acetone	43	1.807	1.813	(0.447)	11631	14.7890	5.2
	13 cis-1,2-Dichloroethene	96	3.014	3.008	(0.746)	2181	0.35863	0.13(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.715	3.715	(0.920)	158274	46.8804	16
*	69 Fluorobenzene	96	4.038	4.038	(1.000)	918191	50.0000	
	25 Trichloroethene	95	4.404	4.410	(1.091)	17275	2.97605	1.0
$	37 Toluene-d8 (SUR)	98	5.806	5.812	(0.748)	694022	45.3843	16
*	32 Chlorobenzene-d5	117	7.757	7.763	(1.000)	663967	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.604	9.610	(0.837)	273433	46.8549	16
*	91 1,4-Dichlorobenzene-d4	152	11.470	11.476	(1.000)	391966	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46712.d
Report Date: 30-Mar-2011 12:30

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46712.d
Lab Smp Id: 460-24280-B-6-A Client Smp ID: PMP-21-SI-E (10.5-1
Inj Date : 29-MAR-2011 00:28
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24280-B-6-A;;;16.47;5
Misc Info : 460-24280-B-6-A
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

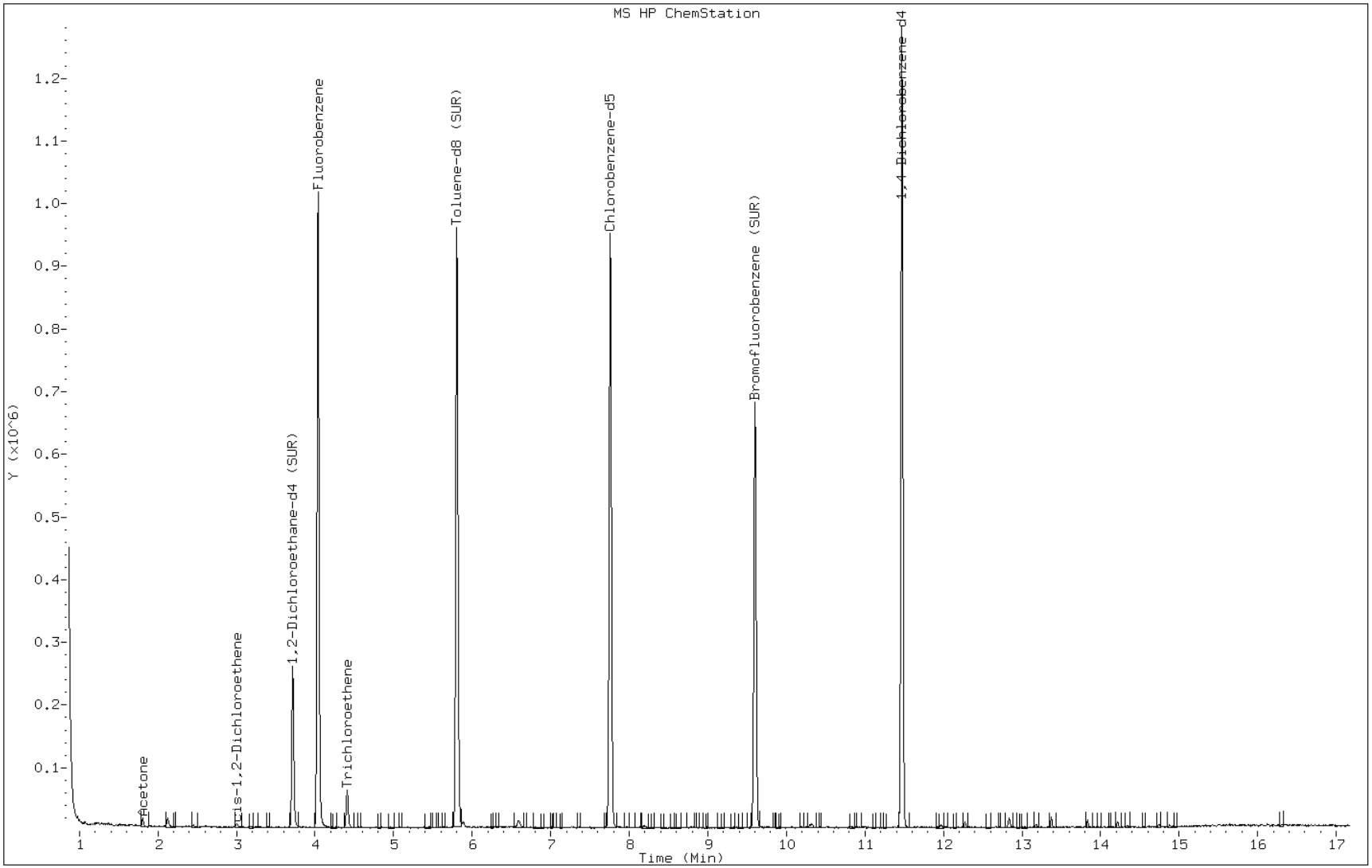
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: o46712.d

Date: 29-MAR-2011 00:28

Client ID: PMP-21-SI-E (10.5-1 Instrument: VOAMS12.i

Sample Info: 460-24280-B-6-A;;;16.47;5 Operator: VOAMS 9



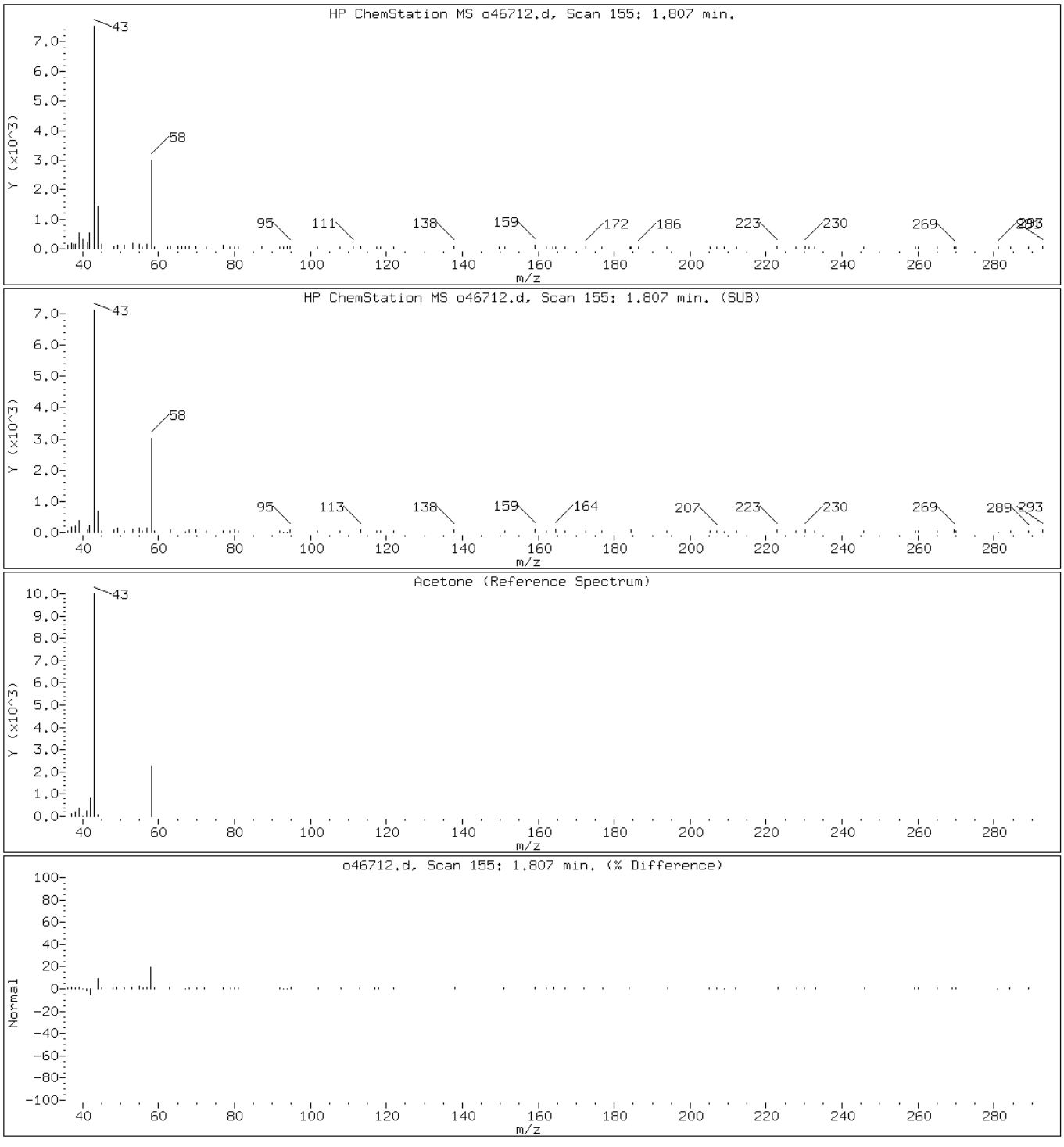
Data File: o46712.d

Date: 29-MAR-2011 00:28

Client ID: PMP-21-SI-E (10.5-1 Instrument: VOAMS12.i

Sample Info: 460-24280-B-6-A;;;16.47;5 Operator: VOAMS 9

7 Acetone



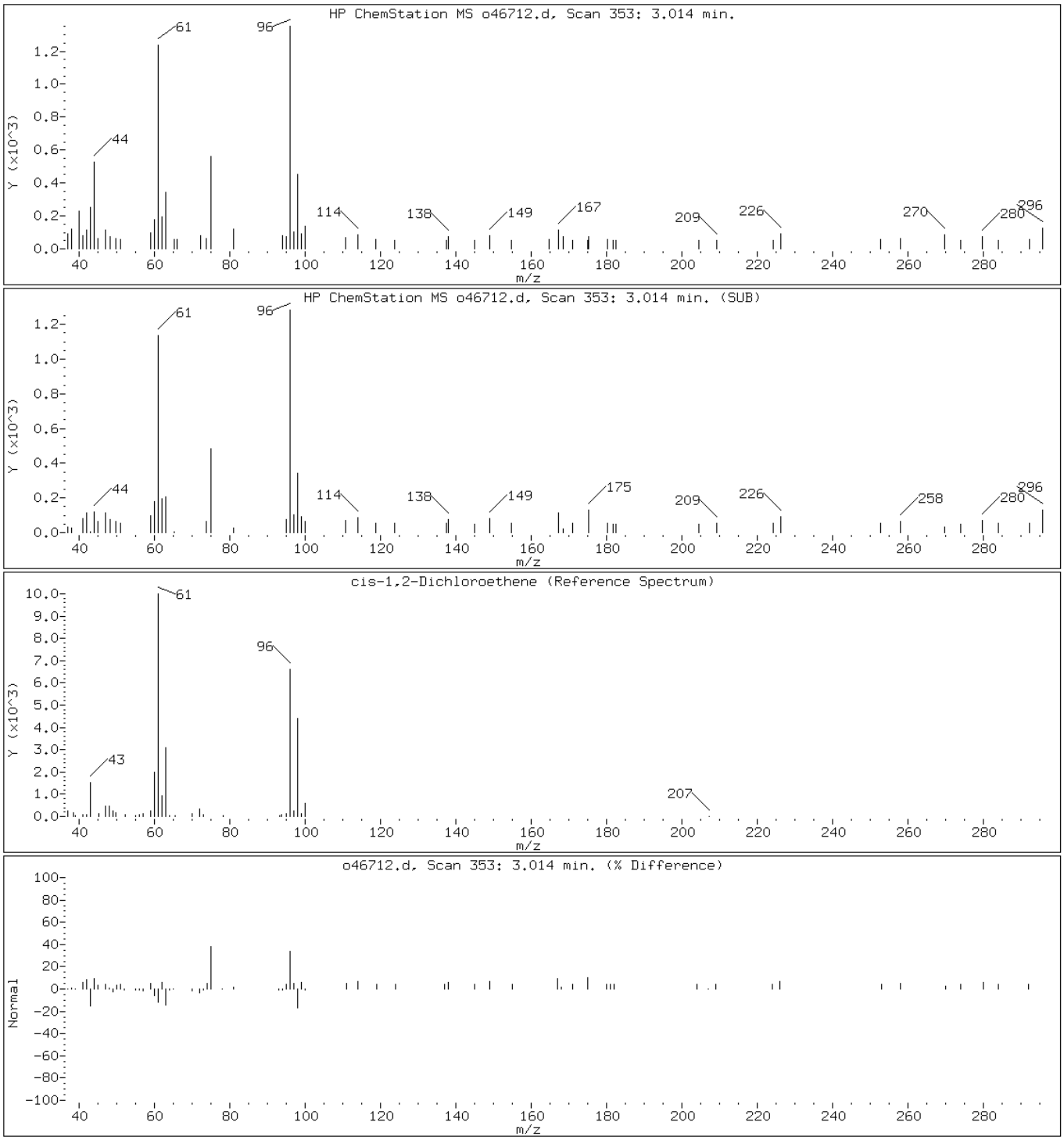
Data File: o46712.d

Date: 29-MAR-2011 00:28

Client ID: PMP-21-SI-E (10.5-1 Instrument: VOAMS12.i

Sample Info: 460-24280-B-6-A;;;16.47;5 Operator: VOAMS 9

13 cis-1,2-Dichloroethene



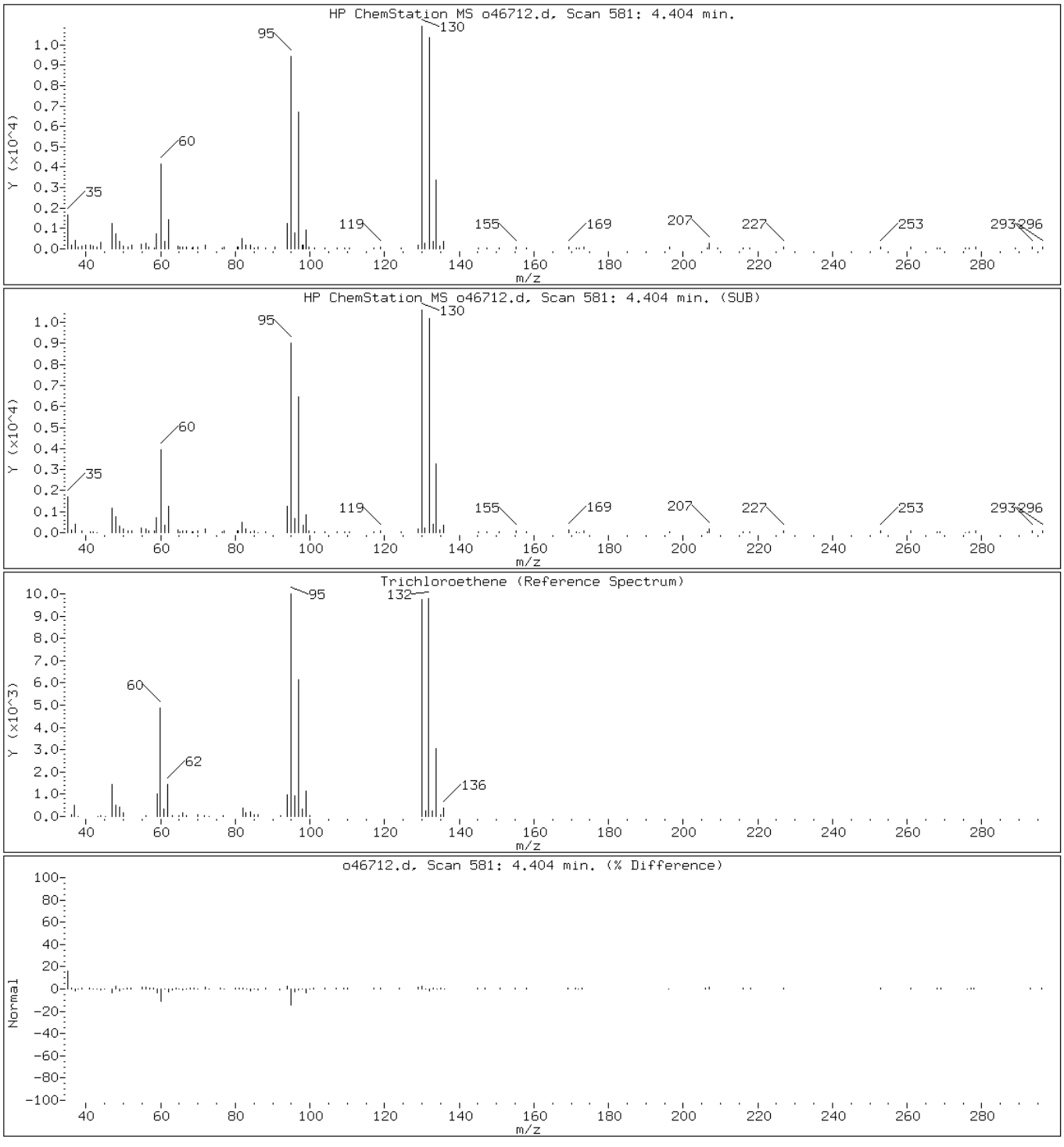
Data File: o46712.d

Date: 29-MAR-2011 00:28

Client ID: PMP-21-SI-E (10.5-1 Instrument: VOAMS12.i

Sample Info: 460-24280-B-6-A;;;16.47;5 Operator: VOAMS 9

25 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-1-VD-E (3.5-4.0) | Lab Sample ID: 460-24280-7

Matrix: Solid | Lab File ID: o46713.d

Analysis Method: 8260B | Date Collected: 03/17/2011 09:40

Sample wt/vol: 4.67(g) | Date Analyzed: 03/29/2011 00:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.8 | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.1	U	1.1	0.71
74-83-9	Bromomethane	1.1	U	1.1	0.46
75-01-4	Vinyl chloride	1.1	U	1.1	0.26
75-00-3	Chloroethane	1.1	U	1.1	0.45
75-09-2	Methylene Chloride	1.1	U	1.1	0.53
67-64-1	Acetone	11	B	11	4.2
75-15-0	Carbon disulfide	1.1	U	1.1	0.52
75-69-4	Trichlorofluoromethane	1.1	U	1.1	0.29
75-35-4	1,1-Dichloroethene	1.1	U	1.1	0.41
75-34-3	1,1-Dichloroethane	1.1	U	1.1	0.28
156-60-5	trans-1,2-Dichloroethene	1.1	U	1.1	0.32
156-59-2	cis-1,2-Dichloroethene	0.28	J	1.1	0.27
67-66-3	Chloroform	1.1	U	1.1	0.27
78-93-3	2-Butanone	11	U	11	0.64
107-06-2	1,2-Dichloroethane	1.1	U	1.1	0.44
71-55-6	1,1,1-Trichloroethane	1.1	U	1.1	0.21
56-23-5	Carbon tetrachloride	1.1	U	1.1	0.11
71-43-2	Benzene	1.1	U	1.1	0.83
75-25-2	Bromoform	1.1	U	1.1	0.79
100-42-5	Styrene	1.1	U	1.1	0.39
100-41-4	Ethylbenzene	1.1	U	1.1	0.21
108-90-7	Chlorobenzene	1.1	U	1.1	0.54
110-82-7	Cyclohexane	1.1	U	1.1	0.25
98-82-8	Isopropylbenzene	1.1	U	1.1	0.29
591-78-6	2-Hexanone	11	U	11	1.9
1634-04-4	MTBE	1.1	U	1.1	0.39
76-13-1	Freon TF	1.1	U	1.1	0.54
79-20-9	Methyl acetate	1.1	U	1.1	1.0
123-91-1	1,4-Dioxane	56	U	56	4.7
79-01-6	Trichloroethene	1.4		1.1	0.41
108-88-3	Toluene	1.1	U	1.1	0.34
10061-02-6	trans-1,3-Dichloropropene	1.1	U	1.1	0.25
108-10-1	4-Methyl-2-pentanone	11	U	11	0.80
10061-01-5	cis-1,3-Dichloropropene	1.1	U	1.1	0.23
95-50-1	1,2-Dichlorobenzene	1.1	U	1.1	0.72
541-73-1	1,3-Dichlorobenzene	1.1	U	1.1	0.55

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-1-VD-E (3.5-4.0) Lab Sample ID: 460-24280-7

Matrix: Solid Lab File ID: o46713.d

Analysis Method: 8260B Date Collected: 03/17/2011 09:40

Sample wt/vol: 4.67(g) Date Analyzed: 03/29/2011 00:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.8 Level: (low/med) Low

Analysis Batch No.: 68728 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.1	U	1.1	0.80
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	0.60
87-61-6	1,2,3-Trichlorobenzene	1.1	U	1.1	0.73
78-87-5	1,2-Dichloropropane	1.1	U	1.1	0.36
108-87-2	Methylcyclohexane	1.1	U	1.1	0.31
127-18-4	Tetrachloroethene	1.1	U	1.1	0.37
1330-20-7	Xylenes, Total	3.4	U	3.4	0.88
96-12-8	1,2-Dibromo-3-Chloropropane	1.1	U	1.1	0.69
79-34-5	1,1,2,2-Tetrachloroethane	1.1	U	1.1	0.85
79-00-5	1,1,2-Trichloroethane	1.1	U	1.1	0.67
124-48-1	Dibromochloromethane	1.1	U	1.1	0.63
106-93-4	1,2-Dibromoethane	1.1	U	1.1	0.58
75-71-8	Dichlorodifluoromethane	1.1	U	1.1	0.46
74-97-5	Bromochloromethane	1.1	U	1.1	0.30
75-27-4	Bromodichloromethane	1.1	U	1.1	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-138
2037-26-5	Toluene-d8 (Surr)	88		66-126
460-00-4	Bromofluorobenzene	93		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-1-VD-E (3.5-4.0) Lab Sample ID: 460-24280-7

Matrix: Solid Lab File ID: o46713.d

Analysis Method: 8260B Date Collected: 03/17/2011 09:40

Sample wt/vol: 4.67(g) Date Analyzed: 03/29/2011 00:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.8 Level: (low/med) Low

Analysis Batch No.: 68728 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_10/02-14-11A/28mar11a.b/o46713.d
Report Date: 30-Mar-2011 12:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46713.d
Lab Smp Id: 460-24280-B-7-A Client Smp ID: PMP-1-VD-E (3.5-4.0
Inj Date : 29-MAR-2011 00:53
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24280-B-7-A;;;4.67;5
Misc Info : 460-24280-B-7-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.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	4.67000	Weight of sample extracted (g)
M	4.75285	% 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)
	7 Acetone	43	1.813	1.813	(0.449)	7404	9.63092	11(a)
	13 cis-1,2-Dichloroethene	96	3.002	3.008	(0.743)	1468	0.24694	0.28(aH)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.715	3.715	(0.920)	152290	46.1457	52
*	69 Fluorobenzene	96	4.038	4.038	(1.000)	897542	50.0000	
	25 Trichloroethene	95	4.404	4.410	(1.091)	7048	1.24213	1.4
$	37 Toluene-d8 (SUR)	98	5.806	5.812	(0.748)	668490	43.9111	49
*	32 Chlorobenzene-d5	117	7.757	7.763	(1.000)	660997	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.604	9.610	(0.837)	262120	46.6283	52
*	91 1,4-Dichlorobenzene-d4	152	11.470	11.476	(1.000)	377575	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46713.d
Report Date: 30-Mar-2011 12:31

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46713.d
Report Date: 30-Mar-2011 12:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46713.d
Lab Smp Id: 460-24280-B-7-A Client Smp ID: PMP-1-VD-E (3.5-4.0
Inj Date : 29-MAR-2011 00:53
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24280-B-7-A;;;4.67;5
Misc Info : 460-24280-B-7-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

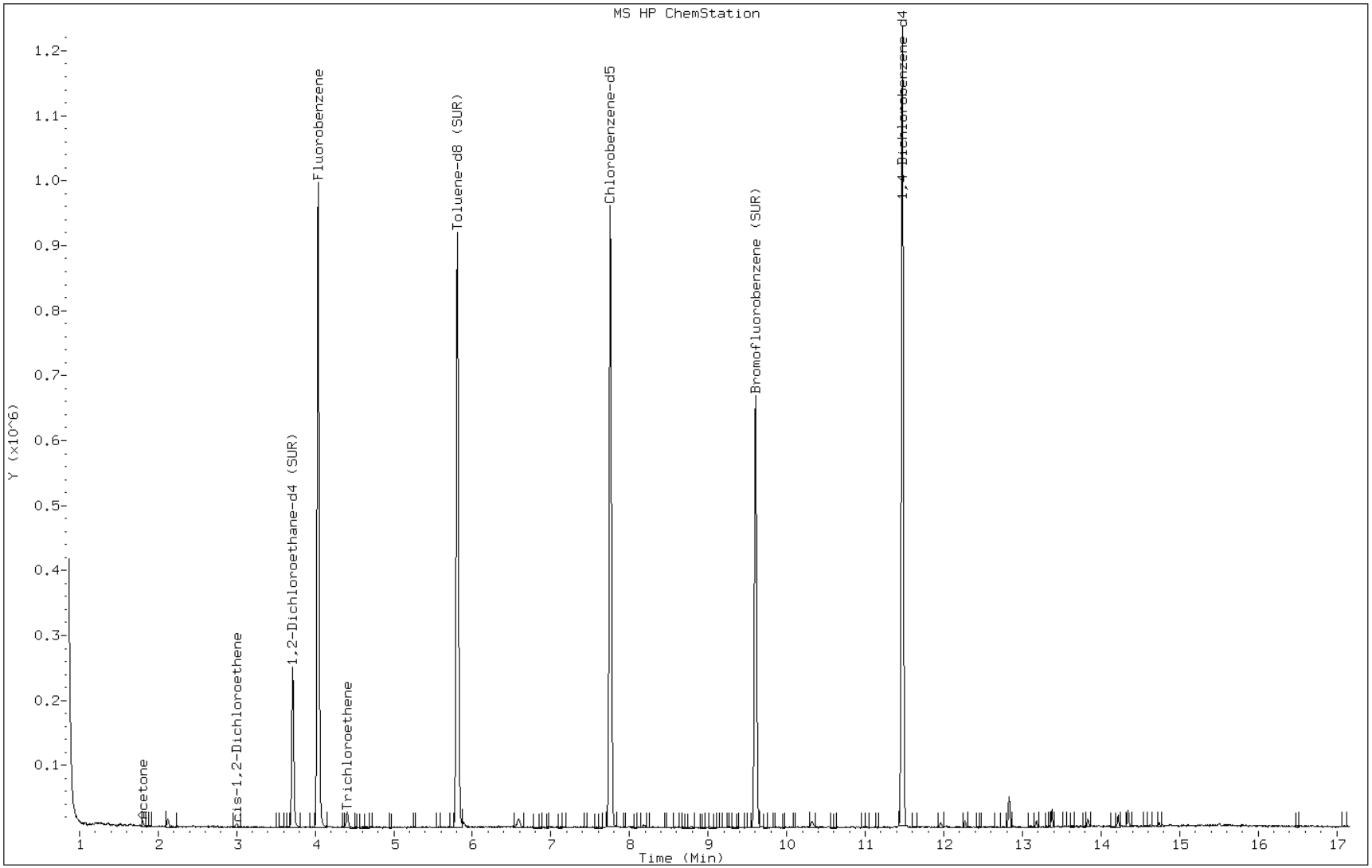
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: o46713.d

Date: 29-MAR-2011 00:53

Client ID: PMP-1-VD-E (3.5-4.0 Instrument: VOAMS12.i

Sample Info: 460-24280-B-7-A;;;4.67;5 Operator: VOAMS 9



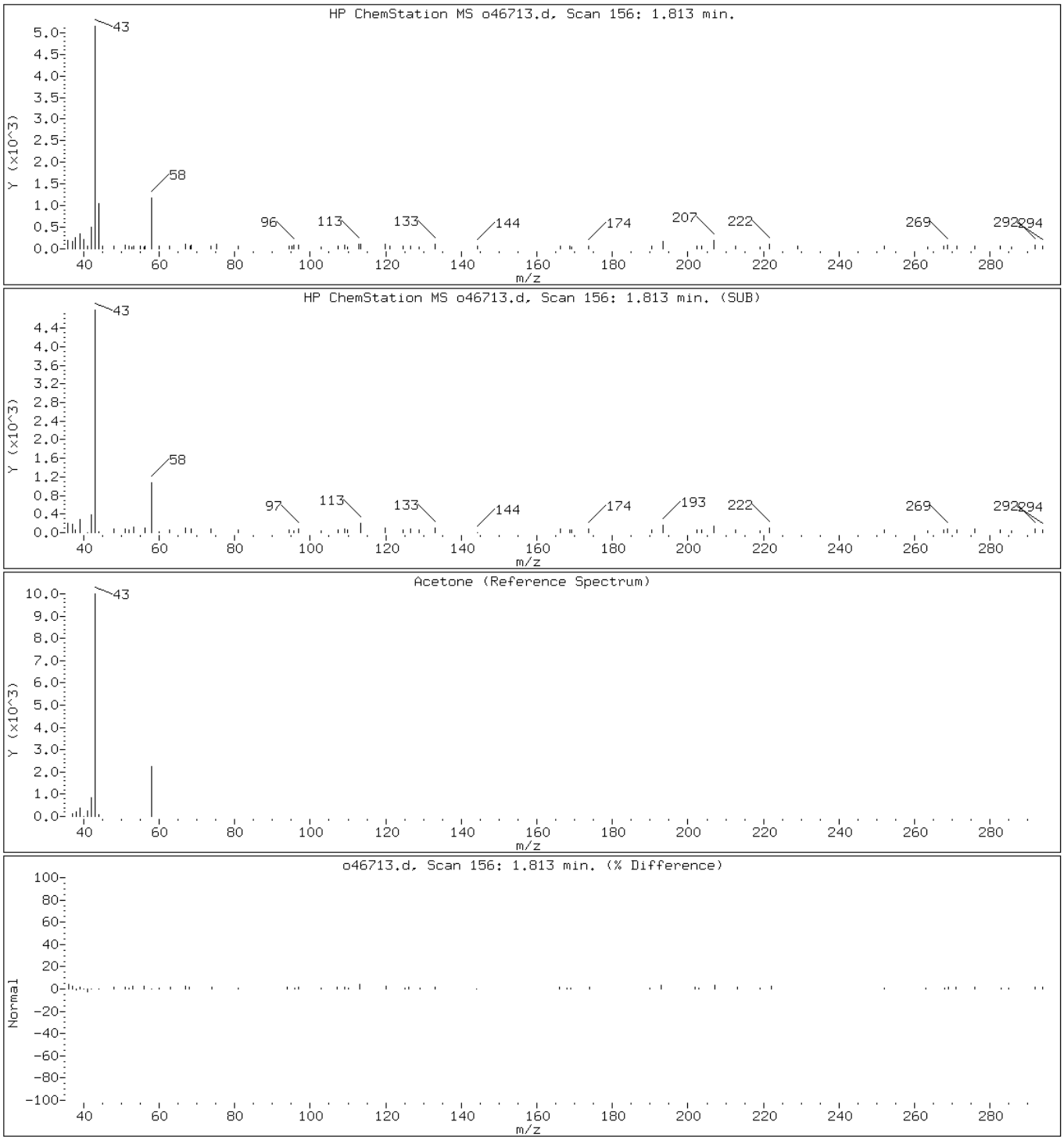
Data File: o46713.d

Date: 29-MAR-2011 00:53

Client ID: PMP-1-VD-E (3.5-4.0 Instrument: VOAMS12.i

Sample Info: 460-24280-B-7-A;;;4.67;5 Operator: VOAMS 9

7 Acetone



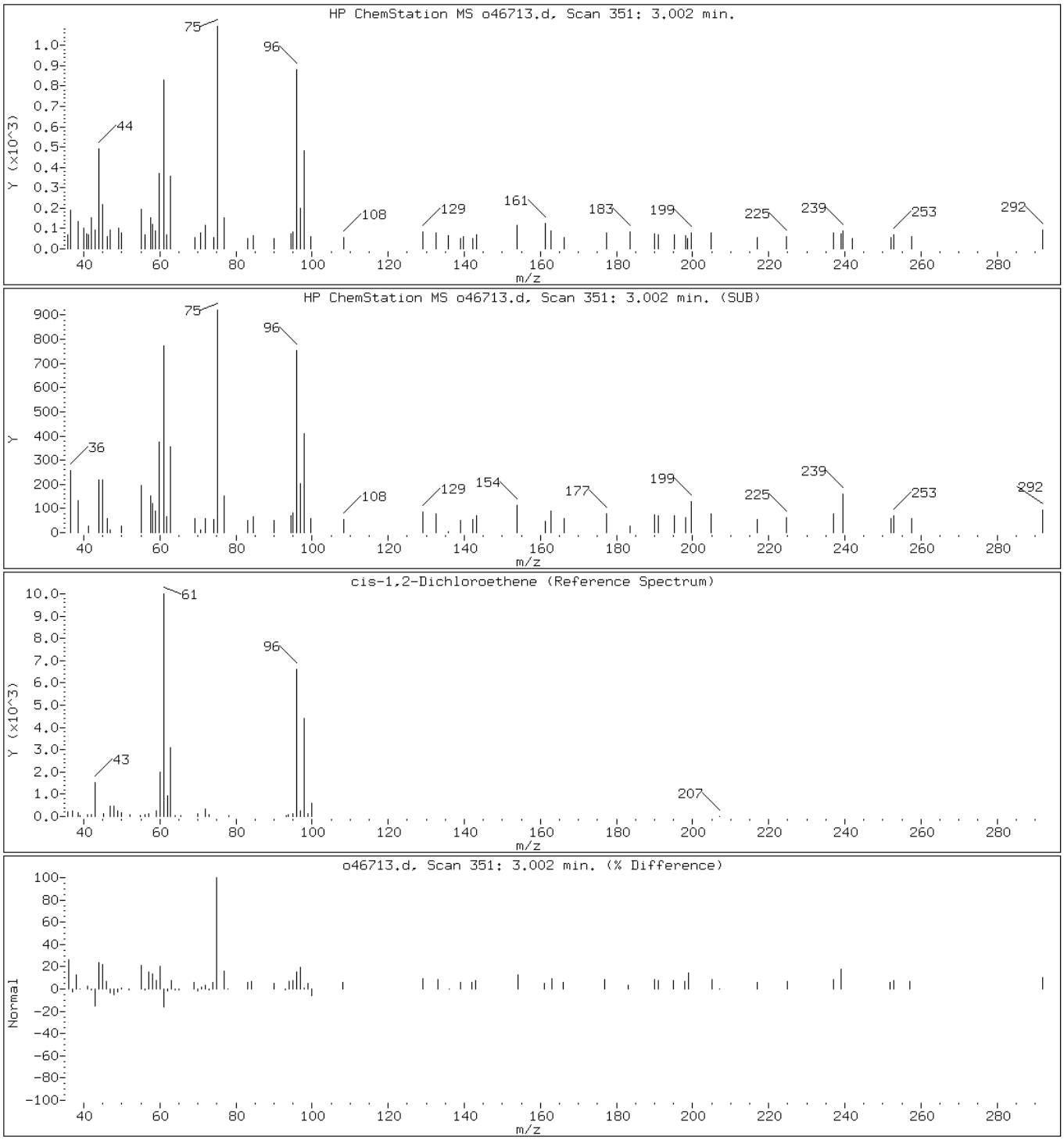
Data File: o46713.d

Date: 29-MAR-2011 00:53

Client ID: PMP-1-VD-E (3.5-4.0 Instrument: VOAMS12.i

Sample Info: 460-24280-B-7-A;;;4.67;5 Operator: VOAMS 9

13 cis-1,2-Dichloroethene



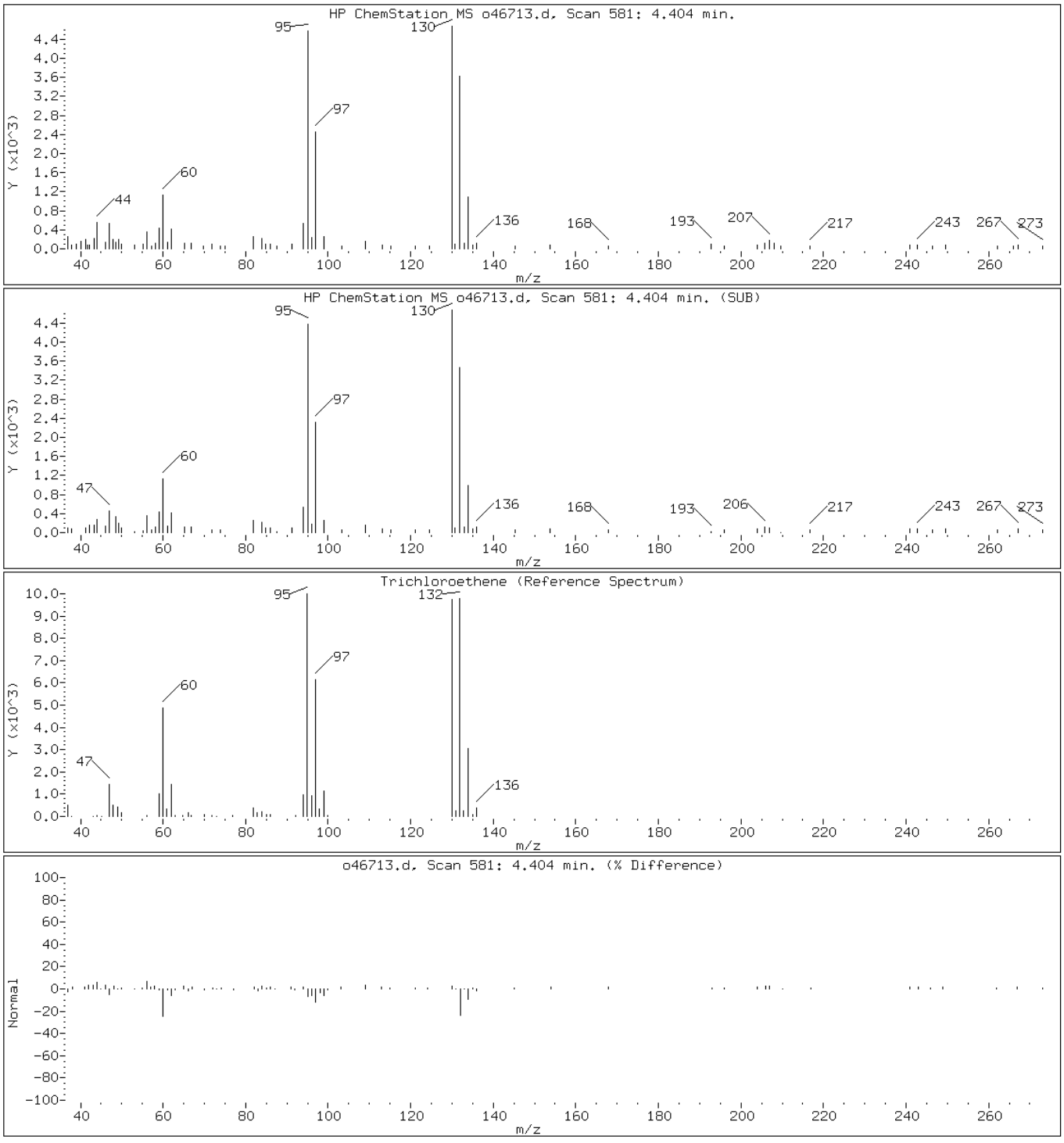
Data File: o46713.d

Date: 29-MAR-2011 00:53

Client ID: PMP-1-VD-E (3.5-4.0 Instrument: VOAMS12.i

Sample Info: 460-24280-B-7-A;;;4.67;5 Operator: VOAMS 9

25 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-1-WT-E (8-8.5) | Lab Sample ID: 460-24280-8

Matrix: Solid | Lab File ID: o46705.d

Analysis Method: 8260B | Date Collected: 03/17/2011 09:45

Sample wt/vol: 5.85(g) | Date Analyzed: 03/28/2011 21:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.3 | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.96	U	0.96	0.61
74-83-9	Bromomethane	0.96	U	0.96	0.39
75-01-4	Vinyl chloride	0.96	U	0.96	0.23
75-00-3	Chloroethane	0.96	U	0.96	0.38
75-09-2	Methylene Chloride	0.96	U	0.96	0.45
67-64-1	Acetone	17	B	9.6	3.6
75-15-0	Carbon disulfide	0.96	U	0.96	0.45
75-69-4	Trichlorofluoromethane	0.96	U	0.96	0.25
75-35-4	1,1-Dichloroethene	0.96	U	0.96	0.36
75-34-3	1,1-Dichloroethane	0.96	U	0.96	0.24
156-60-5	trans-1,2-Dichloroethene	0.96	U	0.96	0.27
156-59-2	cis-1,2-Dichloroethene	0.56	J	0.96	0.23
67-66-3	Chloroform	0.96	U	0.96	0.23
78-93-3	2-Butanone	9.6	U	9.6	0.55
107-06-2	1,2-Dichloroethane	0.96	U	0.96	0.38
71-55-6	1,1,1-Trichloroethane	0.96	U	0.96	0.18
56-23-5	Carbon tetrachloride	0.96	U	0.96	0.097
71-43-2	Benzene	0.96	U	0.96	0.71
75-25-2	Bromoform	0.96	U	0.96	0.68
100-42-5	Styrene	0.96	U	0.96	0.33
100-41-4	Ethylbenzene	0.96	U	0.96	0.18
108-90-7	Chlorobenzene	0.96	U	0.96	0.46
110-82-7	Cyclohexane	0.96	U	0.96	0.21
98-82-8	Isopropylbenzene	0.96	U	0.96	0.25
591-78-6	2-Hexanone	9.6	U	9.6	1.6
1634-04-4	MTBE	0.96	U	0.96	0.33
76-13-1	Freon TF	0.96	U	0.96	0.46
79-20-9	Methyl acetate	0.96	U	0.96	0.86
123-91-1	1,4-Dioxane	48	U	48	4.0
79-01-6	Trichloroethene	1.4		0.96	0.35
108-88-3	Toluene	0.96	U	0.96	0.29
10061-02-6	trans-1,3-Dichloropropene	0.96	U	0.96	0.21
108-10-1	4-Methyl-2-pentanone	9.6	U	9.6	0.69
10061-01-5	cis-1,3-Dichloropropene	0.96	U	0.96	0.19
95-50-1	1,2-Dichlorobenzene	0.96	U	0.96	0.61
541-73-1	1,3-Dichlorobenzene	0.96	U	0.96	0.47

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-1-WT-E (8-8.5) | Lab Sample ID: 460-24280-8

Matrix: Solid | Lab File ID: o46705.d

Analysis Method: 8260B | Date Collected: 03/17/2011 09:45

Sample wt/vol: 5.85(g) | Date Analyzed: 03/28/2011 21:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.3 | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.96	U	0.96	0.68
120-82-1	1,2,4-Trichlorobenzene	0.96	U	0.96	0.52
87-61-6	1,2,3-Trichlorobenzene	0.96	U	0.96	0.62
78-87-5	1,2-Dichloropropane	0.96	U	0.96	0.31
108-87-2	Methylcyclohexane	0.96	U	0.96	0.26
127-18-4	Tetrachloroethene	0.96	U	0.96	0.32
1330-20-7	Xylenes, Total	2.9	U	2.9	0.76
96-12-8	1,2-Dibromo-3-Chloropropane	0.96	U	0.96	0.59
79-34-5	1,1,2,2-Tetrachloroethane	0.96	U	0.96	0.73
79-00-5	1,1,2-Trichloroethane	0.96	U	0.96	0.57
124-48-1	Dibromochloromethane	0.96	U	0.96	0.54
106-93-4	1,2-Dibromoethane	0.96	U	0.96	0.50
75-71-8	Dichlorodifluoromethane	0.96	U	0.96	0.39
74-97-5	Bromochloromethane	0.96	U	0.96	0.26
75-27-4	Bromodichloromethane	0.96	U	0.96	0.29

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-138
2037-26-5	Toluene-d8 (Surr)	90		66-126
460-00-4	Bromofluorobenzene	95		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-1-WT-E (8-8.5) Lab Sample ID: 460-24280-8

Matrix: Solid Lab File ID: o46705.d

Analysis Method: 8260B Date Collected: 03/17/2011 09:45

Sample wt/vol: 5.85(g) Date Analyzed: 03/28/2011 21:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.3 Level: (low/med) Low

Analysis Batch No.: 68728 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_10/02-14-11A/28mar11a.b/o46705.d
Report Date: 30-Mar-2011 12:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46705.d
Lab Smp Id: 460-24280-B-8-A Client Smp ID: PMP-1-WT-E (8-8.5)
Inj Date : 28-MAR-2011 21:34
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24280-B-8-A;;;5.85;5
Misc Info : 460-24280-B-8-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.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	5.85000	Weight of sample extracted (g)
M	11.28571	% 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				3762	0.58538	0.56(a)
	7 Acetone	43	1.807	1.813	(0.447)	14273	17.1740	16
	13 cis-1,2-Dichloroethene	96	3.014	3.008	(0.746)	3762	0.58538	0.56(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.715	3.715	(0.920)	166984	46.8048	45
*	69 Fluorobenzene	96	4.038	4.038	(1.000)	970285	50.0000	
	25 Trichloroethene	95	4.410	4.410	(1.092)	9018	1.47016	1.4
$	37 Toluene-d8 (SUR)	98	5.806	5.812	(0.748)	709959	44.7895	43
*	32 Chlorobenzene-d5	117	7.757	7.763	(1.000)	688234	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.604	9.610	(0.837)	275991	47.3429	46
*	91 1,4-Dichlorobenzene-d4	152	11.470	11.476	(1.000)	391555	50.0000	
	70 Naphthalene	128	13.841	13.841	(1.207)	12433	0.59938	0.58(a)

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46705.d
Report Date: 30-Mar-2011 12:26

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46705.d
Report Date: 30-Mar-2011 12:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46705.d
Lab Smp Id: 460-24280-B-8-A Client Smp ID: PMP-1-WT-E (8-8.5)
Inj Date : 28-MAR-2011 21:34
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24280-B-8-A;;;5.85;5
Misc Info : 460-24280-B-8-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

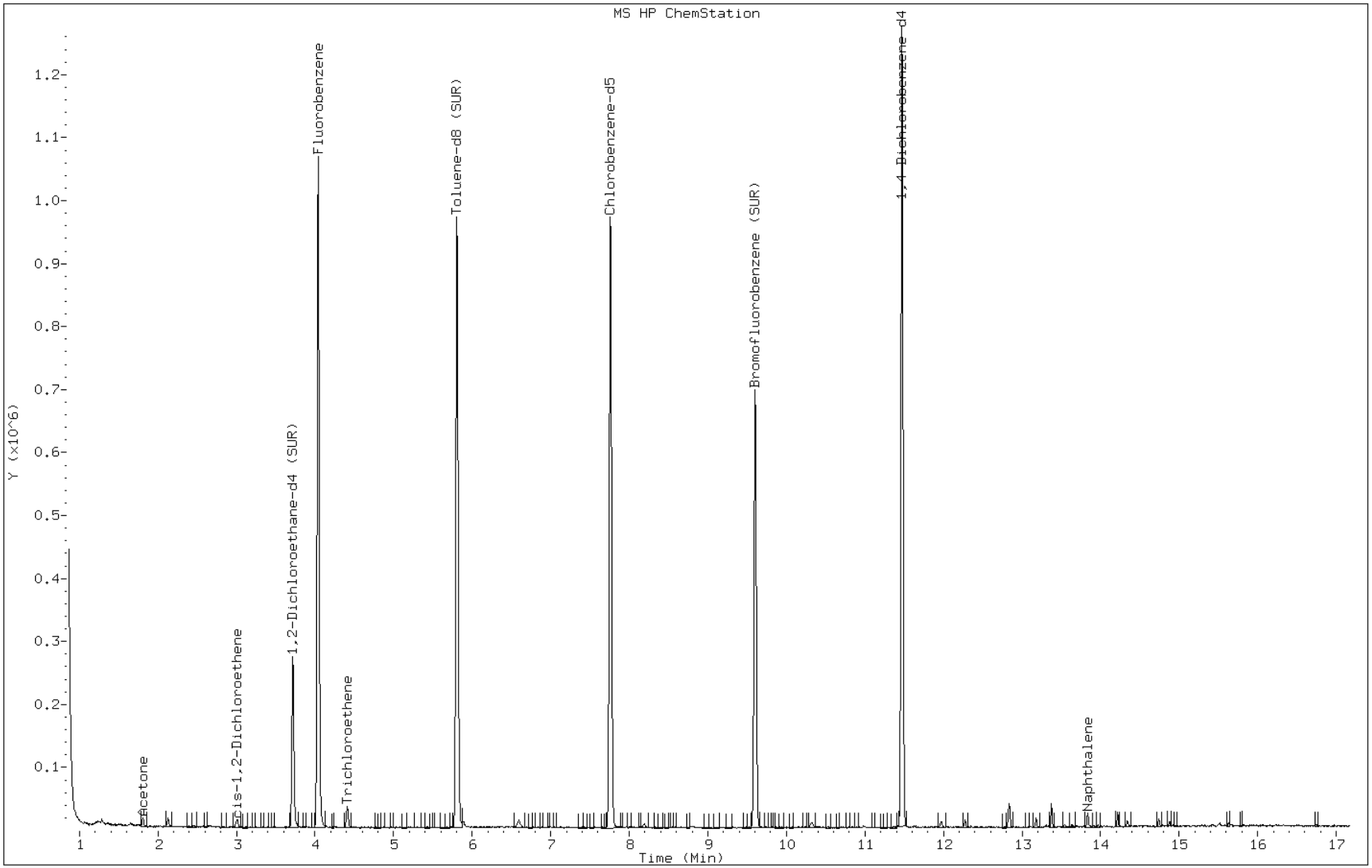
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: o46705.d

Date: 28-MAR-2011 21:34

Client ID: PMP-1-WT-E (8-8.5) Instrument: VOAMS12.i

Sample Info: 460-24280-B-8-A;;;5.85;5 Operator: VOAMS 9



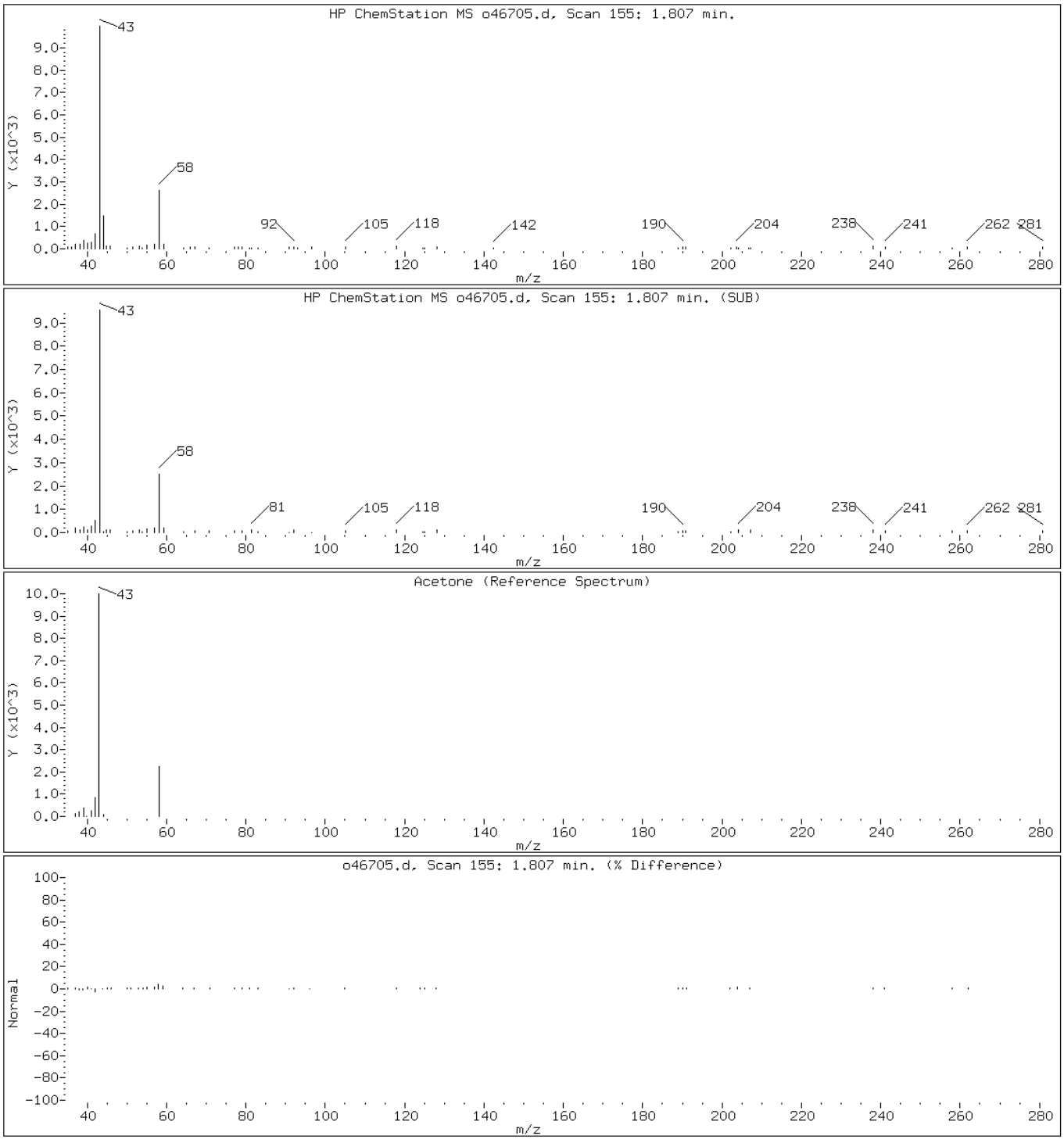
Data File: o46705.d

Date: 28-MAR-2011 21:34

Client ID: PMP-1-WT-E (8-8.5) Instrument: VOAMS12.i

Sample Info: 460-24280-B-8-A;;;5.85;5 Operator: VOAMS 9

7 Acetone



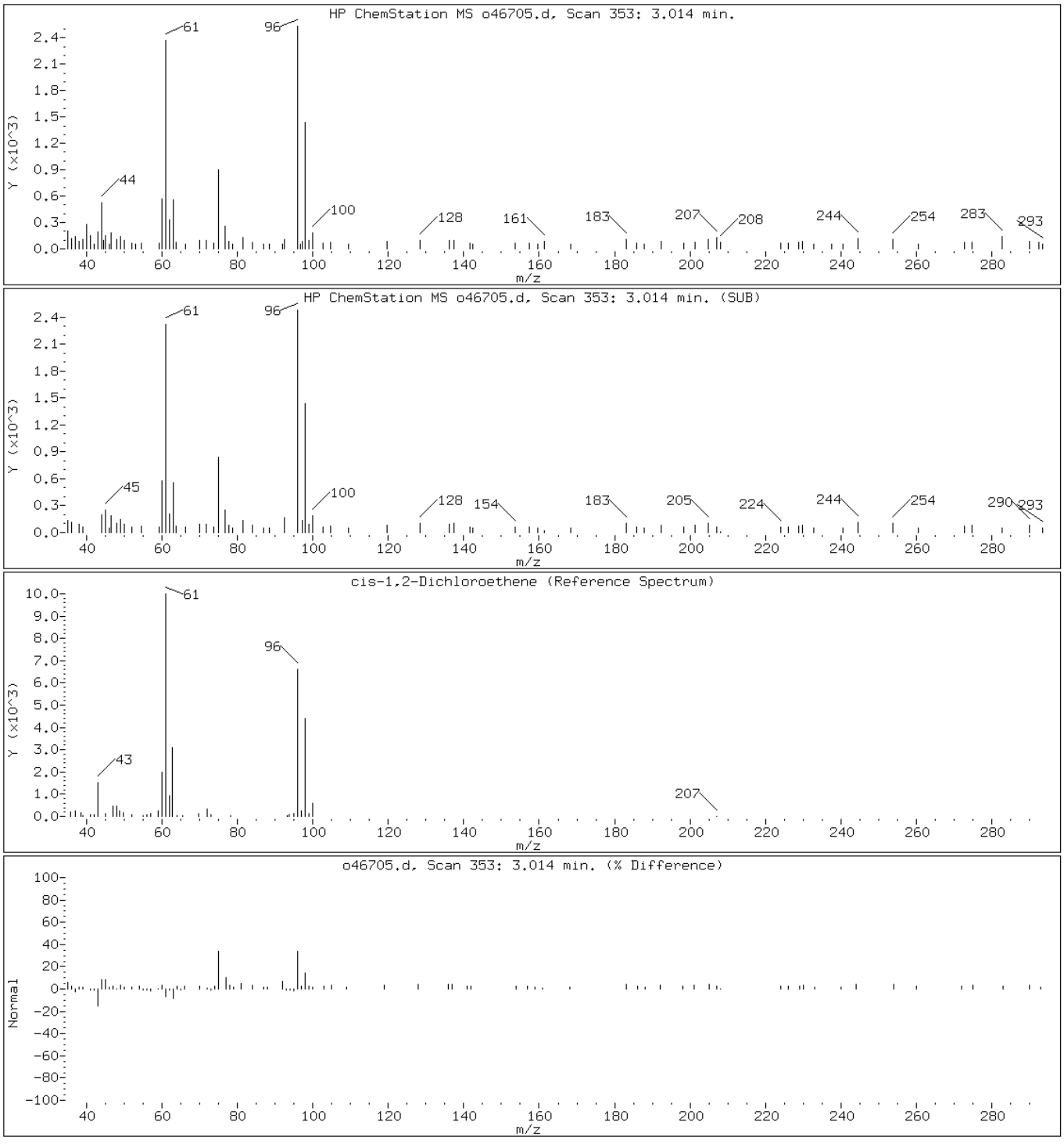
Data File: o46705.d

Date: 28-MAR-2011 21:34

Client ID: PMP-1-WT-E (8-8.5) Instrument: VOAMS12.i

Sample Info: 460-24280-B-8-A;;;5.85;5 Operator: VOAMS 9

13 cis-1,2-Dichloroethene



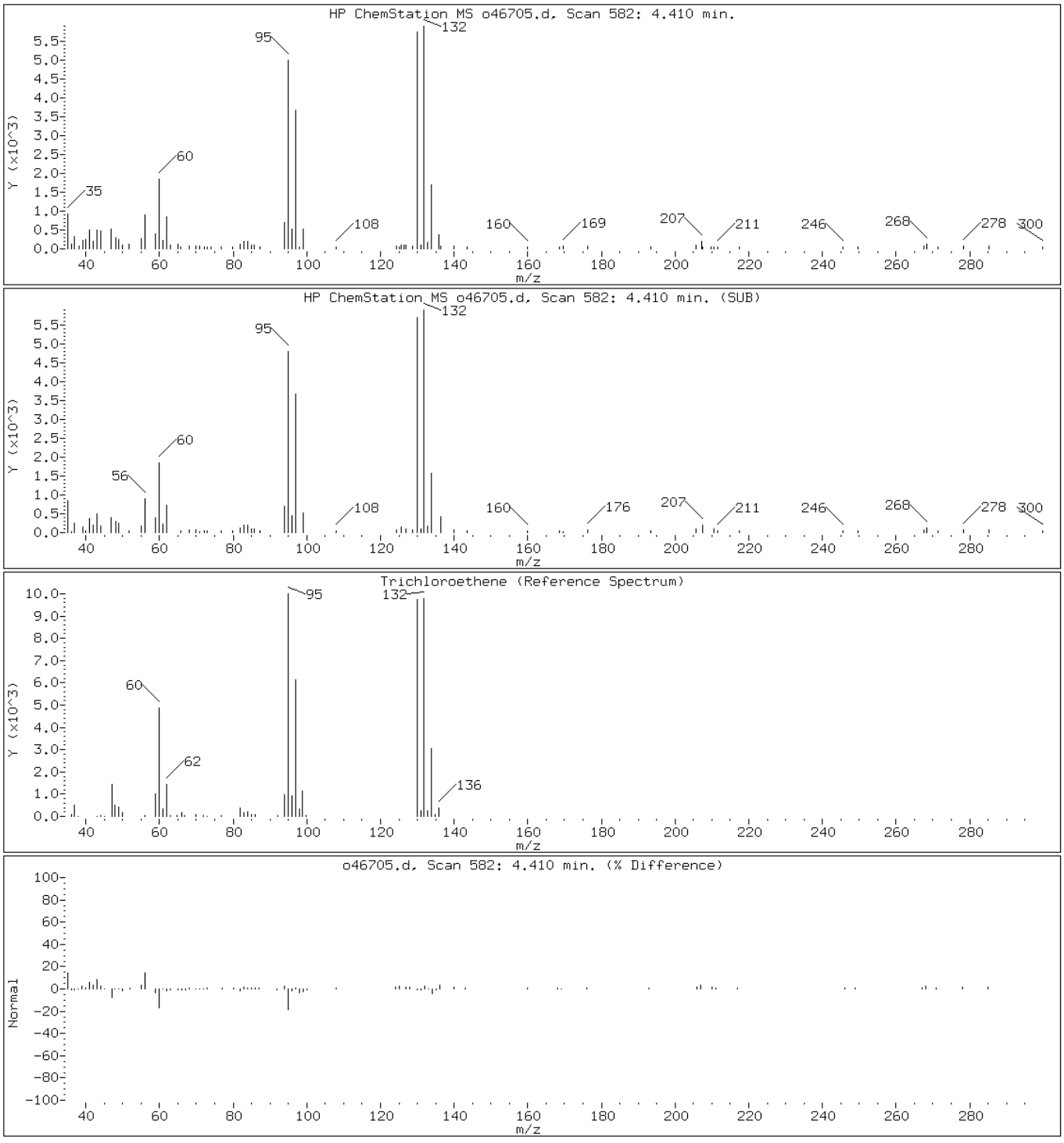
Data File: o46705.d

Date: 28-MAR-2011 21:34

Client ID: PMP-1-WT-E (8-8.5) Instrument: VOAMS12.i

Sample Info: 460-24280-B-8-A;;;5.85;5 Operator: VOAMS 9

25 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-1-SI-E (10.5-11.0) | Lab Sample ID: 460-24280-9

Matrix: Solid | Lab File ID: o46797.d

Analysis Method: 8260B | Date Collected: 03/17/2011 09:50

Sample wt/vol: 6.14(g) | Date Analyzed: 03/31/2011 07:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.4 | Level: (low/med) Low

Analysis Batch No.: 69040 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	0.94	U	0.94	0.60
74-83-9	Bromomethane	0.94	U	0.94	0.38
75-01-4	Vinyl chloride	0.94	U	0.94	0.22
75-00-3	Chloroethane	0.94	U	0.94	0.38
75-09-2	Methylene Chloride	0.94	U	0.94	0.44
67-64-1	Acetone	6.2	J	9.4	3.5
75-15-0	Carbon disulfide	0.94	U	0.94	0.44
75-69-4	Trichlorofluoromethane	0.94	U	0.94	0.24
75-35-4	1,1-Dichloroethene	0.94	U	0.94	0.35
75-34-3	1,1-Dichloroethane	0.94	U	0.94	0.24
156-60-5	trans-1,2-Dichloroethene	0.94	U	0.94	0.27
156-59-2	cis-1,2-Dichloroethene	0.78	J	0.94	0.22
67-66-3	Chloroform	0.94	U	0.94	0.22
78-93-3	2-Butanone	9.4	U	9.4	0.53
107-06-2	1,2-Dichloroethane	0.94	U	0.94	0.37
71-55-6	1,1,1-Trichloroethane	0.94	U	0.94	0.18
56-23-5	Carbon tetrachloride	0.94	U	0.94	0.095
71-43-2	Benzene	0.94	U	0.94	0.70
75-25-2	Bromoform	0.94	U	0.94	0.66
100-42-5	Styrene	0.94	U	0.94	0.33
100-41-4	Ethylbenzene	0.94	U	0.94	0.18
108-90-7	Chlorobenzene	0.94	U	0.94	0.45
110-82-7	Cyclohexane	0.94	U	0.94	0.21
98-82-8	Isopropylbenzene	0.94	U	0.94	0.24
591-78-6	2-Hexanone	9.4	U	9.4	1.6
1634-04-4	MTBE	0.94	U	0.94	0.32
76-13-1	Freon TF	0.94	U	0.94	0.45
79-20-9	Methyl acetate	0.94	U	0.94	0.84
123-91-1	1,4-Dioxane	47	U	47	3.9
79-01-6	Trichloroethene	0.80	J	0.94	0.34
108-88-3	Toluene	0.94	U	0.94	0.28
10061-02-6	trans-1,3-Dichloropropene	0.94	U	0.94	0.21
108-10-1	4-Methyl-2-pentanone	9.4	U	9.4	0.67
10061-01-5	cis-1,3-Dichloropropene	0.94	U	0.94	0.19
95-50-1	1,2-Dichlorobenzene	0.94	U	0.94	0.60
541-73-1	1,3-Dichlorobenzene	0.94	U	0.94	0.46

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-1-SI-E (10.5-11.0) Lab Sample ID: 460-24280-9

Matrix: Solid Lab File ID: o46797.d

Analysis Method: 8260B Date Collected: 03/17/2011 09:50

Sample wt/vol: 6.14(g) Date Analyzed: 03/31/2011 07:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.4 Level: (low/med) Low

Analysis Batch No.: 69040 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	0.94	U	0.94	0.67
120-82-1	1,2,4-Trichlorobenzene	0.94	U	0.94	0.50
87-61-6	1,2,3-Trichlorobenzene	0.94	U	0.94	0.61
78-87-5	1,2-Dichloropropane	0.94	U	0.94	0.30
108-87-2	Methylcyclohexane	0.94	U	0.94	0.26
127-18-4	Tetrachloroethene	0.94	U	0.94	0.31
1330-20-7	Xylenes, Total	2.8	U	2.8	0.74
96-12-8	1,2-Dibromo-3-Chloropropane	0.94	U	0.94	0.57
79-34-5	1,1,2,2-Tetrachloroethane	0.94	U	0.94	0.71
79-00-5	1,1,2-Trichloroethane	0.94	U	0.94	0.56
124-48-1	Dibromochloromethane	0.94	U	0.94	0.53
106-93-4	1,2-Dibromoethane	0.94	U	0.94	0.49
75-71-8	Dichlorodifluoromethane	0.94	U	0.94	0.38
74-97-5	Bromochloromethane	0.94	U	0.94	0.25
75-27-4	Bromodichloromethane	0.94	U	0.94	0.29

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		70-138
2037-26-5	Toluene-d8 (Surr)	109		66-126
460-00-4	Bromofluorobenzene	106		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-1-SI-E (10.5-11.0) Lab Sample ID: 460-24280-9

Matrix: Solid Lab File ID: o46797.d

Analysis Method: 8260B Date Collected: 03/17/2011 09:50

Sample wt/vol: 6.14(g) Date Analyzed: 03/31/2011 07:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.4 Level: (low/med) Low

Analysis Batch No.: 69040 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_10/03-30-11/31mar11.b/o46797.d
Report Date: 31-Mar-2011 09:34

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/03-30-11/31mar11.b/o46797.d
Lab Smp Id: 460-24280-C-9-A Client Smp ID: PMP-1-SI-E (10.5-11
Inj Date : 31-MAR-2011 07:55
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24280-C-9-A;;;6.14;5
Misc Info : 460-24280-C-9-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/03-30-11/31mar11.b/8260L_10.m
Meth Date : 31-Mar-2011 05:35 audberto Quant Type: ISTD
Cal Date : 30-MAR-2011 21:06 Cal File: o46772.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	6.14000	Weight of sample extracted (g)
M	13.38583	% 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				6664	0.83212	0.78(a)
	7 Acetone	43	1.813	1.813	(0.448)	7276	6.57104	6.2(a)
	13 cis-1,2-Dichloroethene	96	3.014	3.008	(0.745)	6664	0.83212	0.78(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.721	3.715	(0.920)	202387	51.5811	48
*	69 Fluorobenzene	96	4.044	4.038	(1.000)	1166764	50.0000	
	25 Trichloroethene	95	4.416	4.410	(1.092)	6844	0.85377	0.80(a)
$	37 Toluene-d8 (SUR)	98	5.812	5.812	(0.749)	887649	54.4383	51
*	32 Chlorobenzene-d5	117	7.763	7.763	(1.000)	812346	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.610	9.610	(0.837)	321801	52.7867	50
*	91 1,4-Dichlorobenzene-d4	152	11.476	11.476	(1.000)	456994	50.0000	

Data File: /chem/VOAMS12.i/8260L_10/03-30-11/31mar11.b/o46797.d
Report Date: 31-Mar-2011 09:34

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS12.i/8260L_10/03-30-11/31mar11.b/o46797.d
Report Date: 31-Mar-2011 09:34

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/03-30-11/31mar11.b/o46797.d
Lab Smp Id: 460-24280-C-9-A Client Smp ID: PMP-1-SI-E (10.5-11
Inj Date : 31-MAR-2011 07:55
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24280-C-9-A;;;6.14;5
Misc Info : 460-24280-C-9-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/03-30-11/31mar11.b/8260L_10.m
Meth Date : 31-Mar-2011 05:35 audberto Quant Type: ISTD
Cal Date : 30-MAR-2011 21:06 Cal File: o46772.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

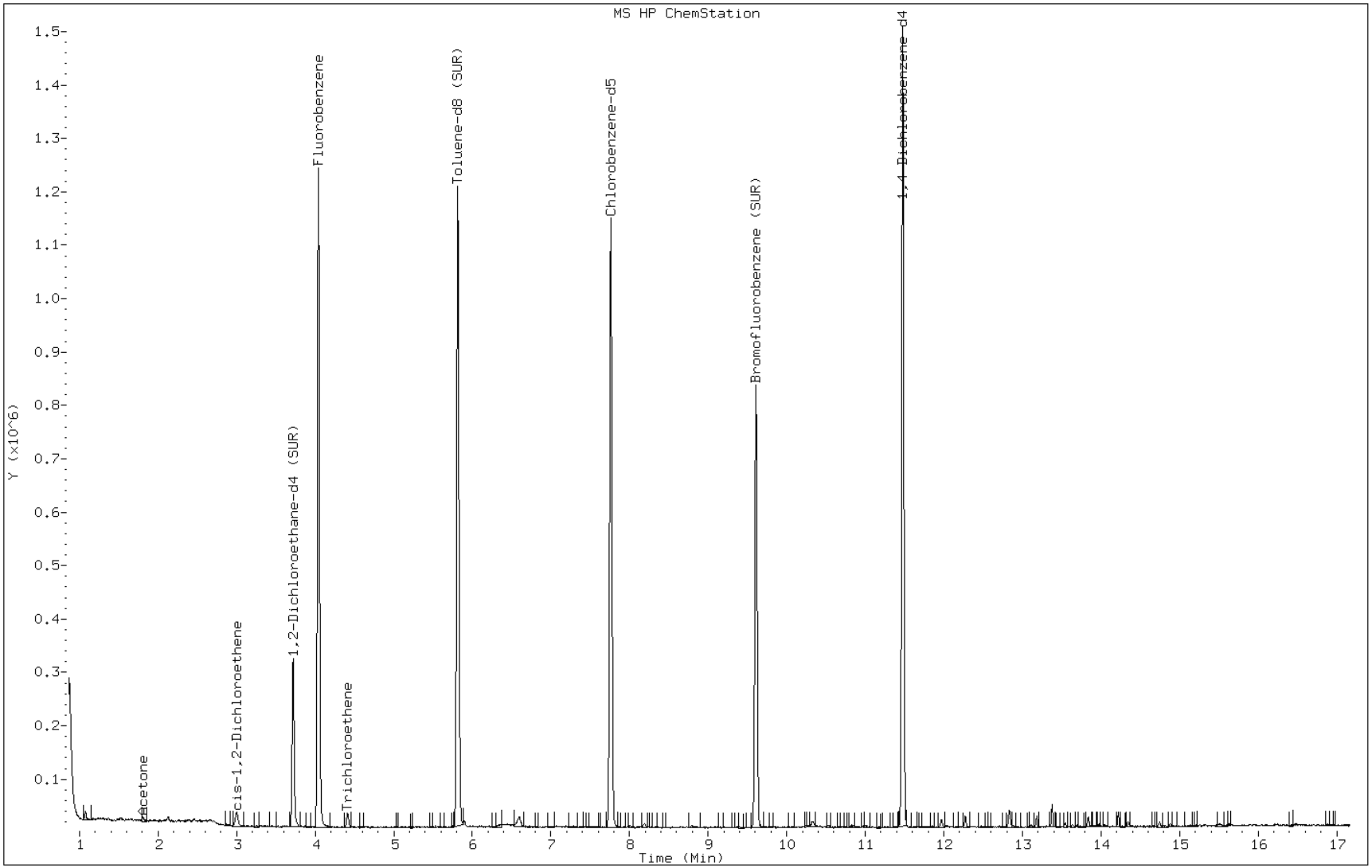
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: o46797.d

Date: 31-MAR-2011 07:55

Client ID: PMP-1-SI-E (10.5-11 Instrument: VOAMS12.i

Sample Info: 460-24280-C-9-A;;;6.14;5 Operator: VOAMS 9



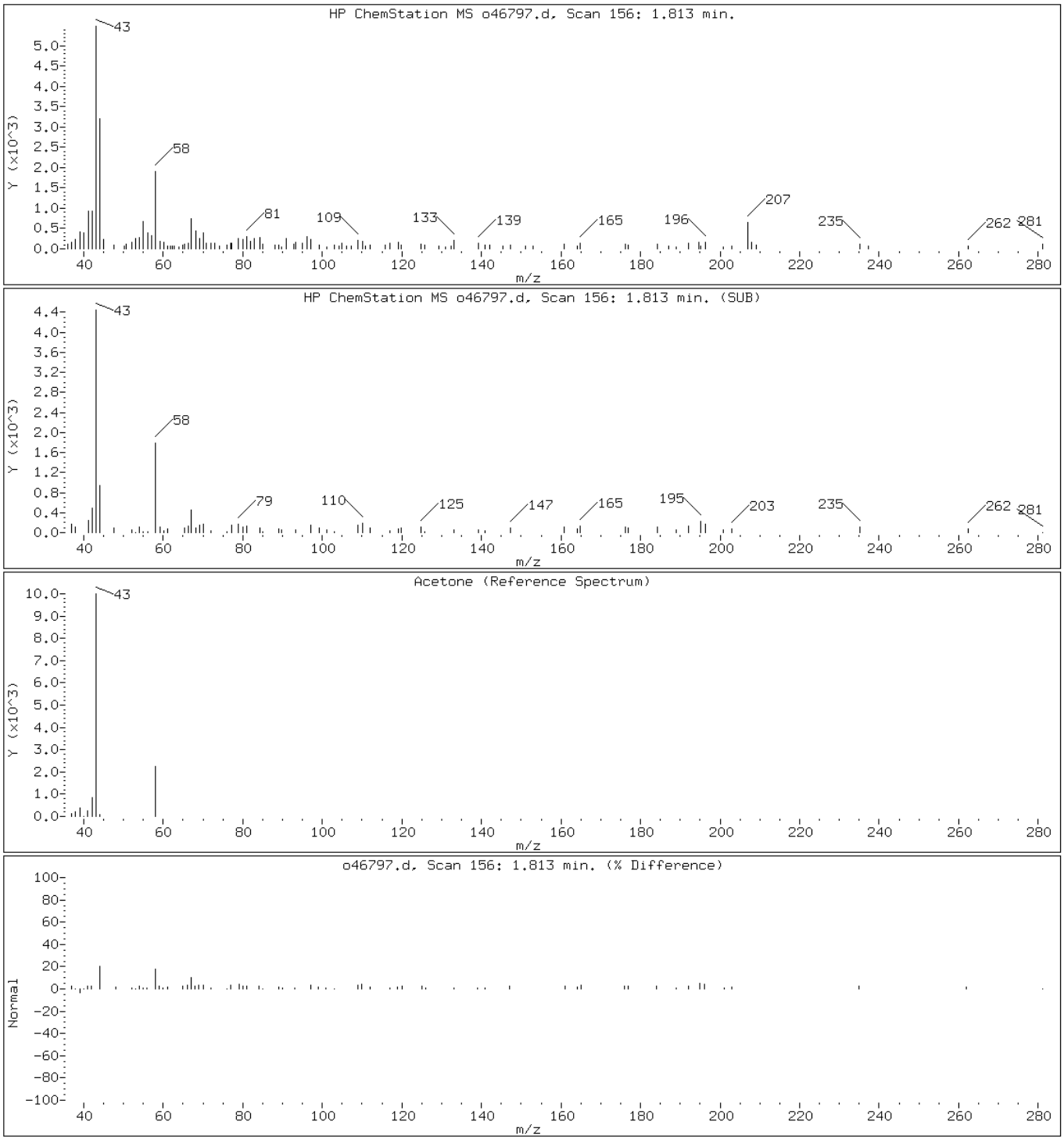
Data File: o46797.d

Date: 31-MAR-2011 07:55

Client ID: PMP-1-SI-E (10.5-11 Instrument: VOAMS12.i

Sample Info: 460-24280-C-9-A;;;6.14;5 Operator: VOAMS 9

7 Acetone



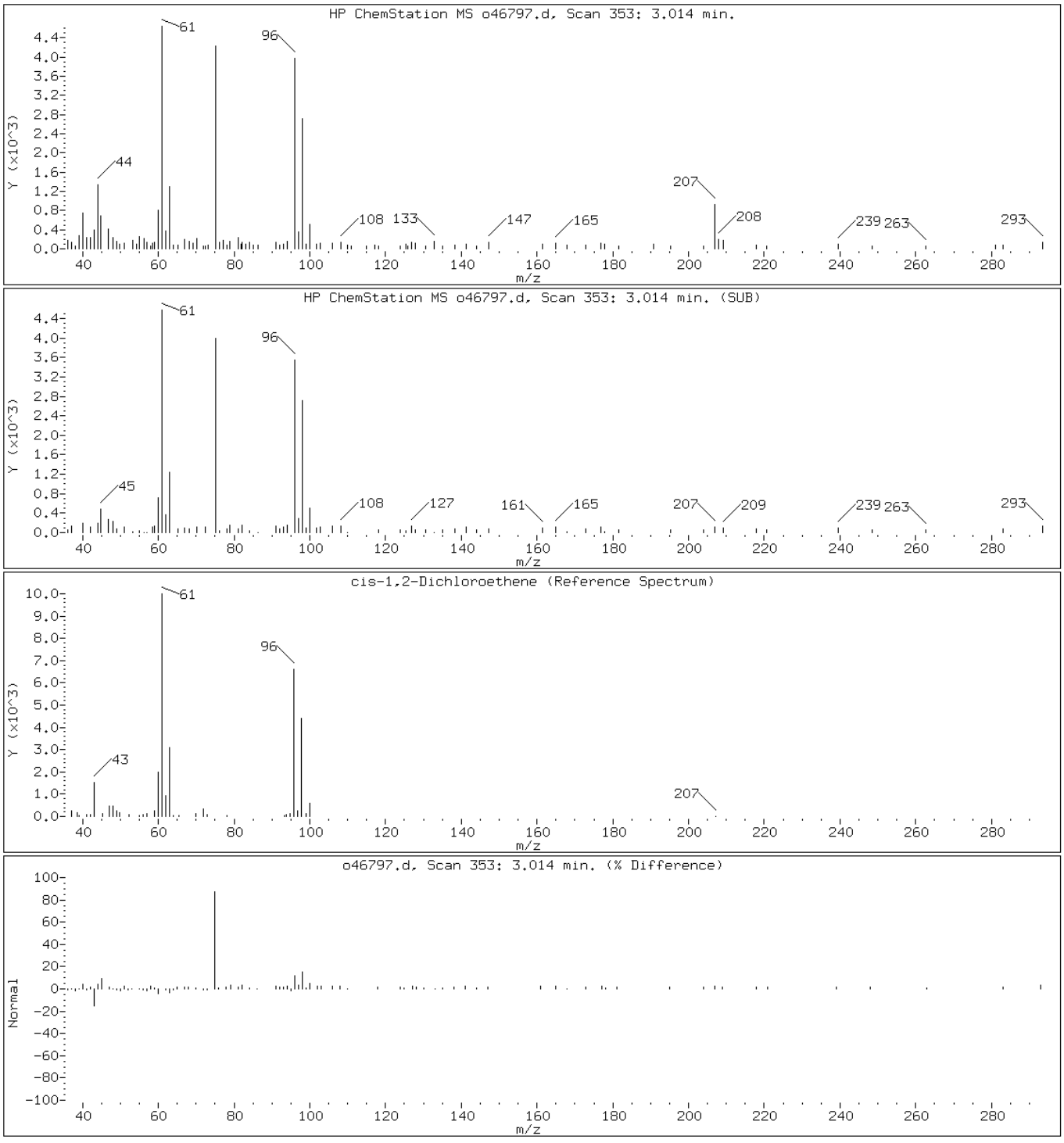
Data File: o46797.d

Date: 31-MAR-2011 07:55

Client ID: PMP-1-SI-E (10.5-11 Instrument: VOAMS12.i

Sample Info: 460-24280-C-9-A;;;6.14;5 Operator: VOAMS 9

13 cis-1,2-Dichloroethene



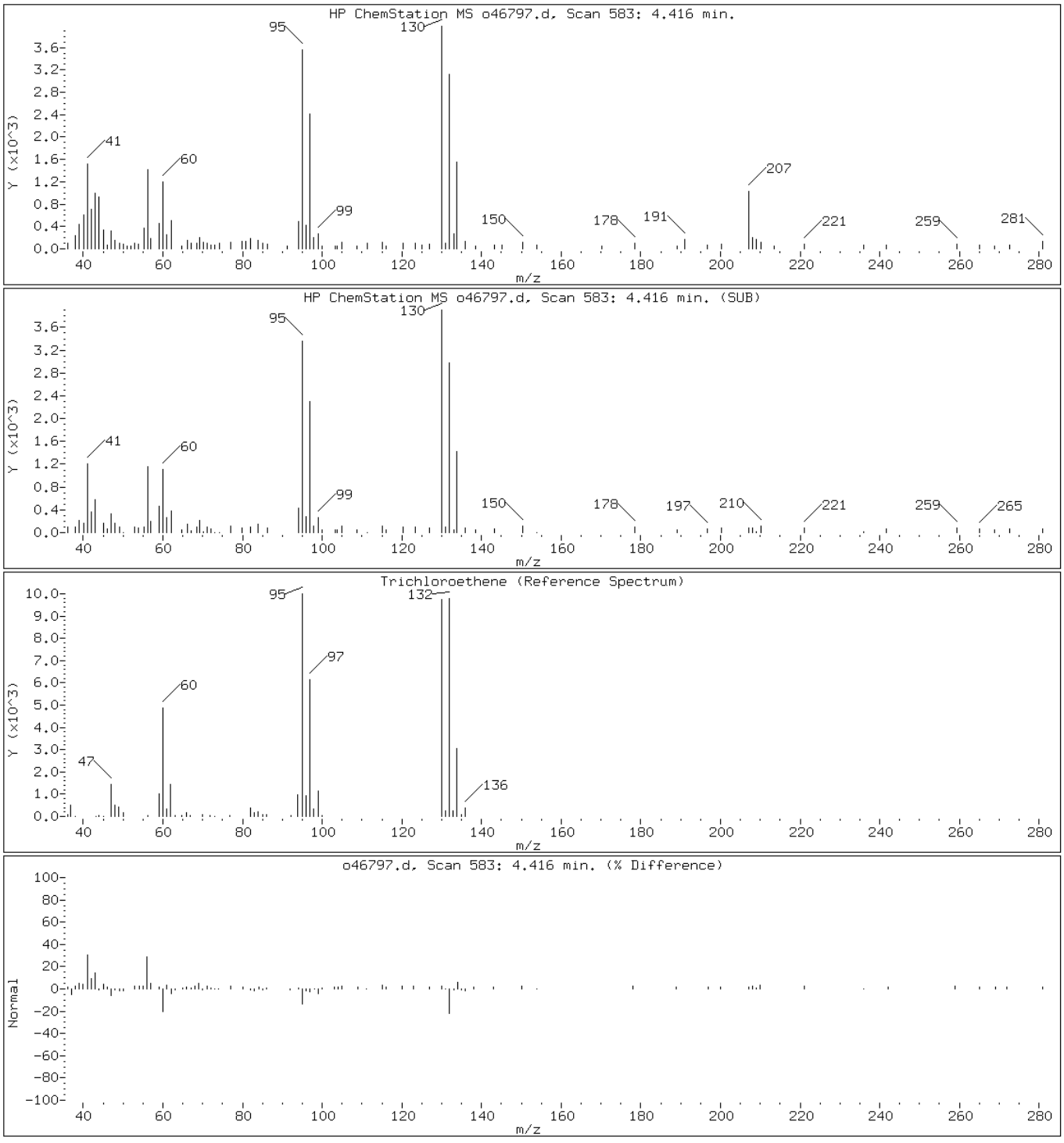
Data File: o46797.d

Date: 31-MAR-2011 07:55

Client ID: PMP-1-SI-E (10.5-11 Instrument: VOAMS12.i

Sample Info: 460-24280-C-9-A;;;6.14;5 Operator: VOAMS 9

25 Trichloroethene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-VS-E (1-3) | Lab Sample ID: 460-24280-10

Matrix: Solid | Lab File ID: p45598.d

Analysis Method: 8260B | Date Collected: 03/17/2011 10:25

Sample wt/vol: 6.74(g) | Date Analyzed: 03/30/2011 20:32

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 8.5 | Level: (low/med) Medium

Analysis Batch No.: 68934 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	41	U	41	8.5
74-83-9	Bromomethane	41	U	41	13
75-01-4	Vinyl chloride	41	U	41	4.9
75-00-3	Chloroethane	41	U	41	18
75-09-2	Methylene Chloride	41	U	41	7.8
67-64-1	Acetone	270	J	410	100
75-15-0	Carbon disulfide	41	U	41	5.9
75-69-4	Trichlorofluoromethane	41	U *	41	6.4
75-35-4	1,1-Dichloroethene	41	U	41	5.7
75-34-3	1,1-Dichloroethane	41	U	41	4.1
156-60-5	trans-1,2-Dichloroethene	41	U	41	5.6
156-59-2	cis-1,2-Dichloroethene	300		41	7.8
67-66-3	Chloroform	41	U	41	6.3
78-93-3	2-Butanone	410	U	410	33
107-06-2	1,2-Dichloroethane	41	U	41	10
71-55-6	1,1,1-Trichloroethane	41	U	41	10
56-23-5	Carbon tetrachloride	41	U	41	7.3
71-43-2	Benzene	41	U	41	4.8
75-25-2	Bromoform	41	U	41	4.0
100-42-5	Styrene	18	J	41	5.6
100-41-4	Ethylbenzene	160		41	10
108-90-7	Chlorobenzene	130		41	6.7
110-82-7	Cyclohexane	41	U	41	5.0
98-82-8	Isopropylbenzene	62		41	8.6
591-78-6	2-Hexanone	410	U	410	22
1634-04-4	MTBE	41	U	41	7.5
76-13-1	Freon TF	41	U	41	12
79-20-9	Methyl acetate	81	U	81	13
123-91-1	1,4-Dioxane	2000	U	2000	340
79-01-6	Trichloroethene	650		41	7.2
108-88-3	Toluene	51		41	3.8
10061-02-6	trans-1,3-Dichloropropene	41	U	41	5.0
108-10-1	4-Methyl-2-pentanone	410	U	410	28
10061-01-5	cis-1,3-Dichloropropene	41	U	41	4.1
95-50-1	1,2-Dichlorobenzene	740		41	6.6
541-73-1	1,3-Dichlorobenzene	18	J	41	9.1

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-VS-E (1-3) | Lab Sample ID: 460-24280-10

Matrix: Solid | Lab File ID: p45598.d

Analysis Method: 8260B | Date Collected: 03/17/2011 10:25

Sample wt/vol: 6.74(g) | Date Analyzed: 03/30/2011 20:32

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 8.5 | Level: (low/med) Medium

Analysis Batch No.: 68934 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	140		41	6.1
120-82-1	1,2,4-Trichlorobenzene	13000		41	18
87-61-6	1,2,3-Trichlorobenzene	2600		41	34
78-87-5	1,2-Dichloropropane	41	U	41	3.5
108-87-2	Methylcyclohexane	140		41	3.2
127-18-4	Tetrachloroethene	710		41	7.9
1330-20-7	Xylenes, Total	930		120	18
96-12-8	1,2-Dibromo-3-Chloropropane	41	U	41	6.2
79-34-5	1,1,2,2-Tetrachloroethane	41	U	41	3.5
79-00-5	1,1,2-Trichloroethane	41	U	41	3.9
124-48-1	Dibromochloromethane	41	U	41	4.1
106-93-4	1,2-Dibromoethane	41	U	41	3.7
75-71-8	Dichlorodifluoromethane	41	U	41	12
74-97-5	Bromochloromethane	41	U	41	7.0
75-27-4	Bromodichloromethane	41	U	41	3.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	70		57-135
2037-26-5	Toluene-d8 (Surr)	71		46-130
460-00-4	Bromofluorobenzene	88		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-VS-E (1-3) Lab Sample ID: 460-24280-10

Matrix: Solid Lab File ID: p45598.d

Analysis Method: 8260B Date Collected: 03/17/2011 10:25

Sample wt/vol: 6.74(g) Date Analyzed: 03/30/2011 20:32

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.18(mm)

% Moisture: 8.5 Level: (low/med) Medium

Analysis Batch No.: 68934 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 12220

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Methyl-methylethylbenzene isomer	8.54	1200	J
	Methyl-methylethylbenzene isomer-2	8.81	820	J
	Coeluting Aromatics	8.90	890	J
	Tetramethylbenzene isomer-1	9.42	830	J
91-20-3	Naphthalene	9.90	1500	
91-57-6	Naphthalene, 2-methyl-	10.63	3000	J N
90-12-0	Naphthalene, 1-methyl-	10.73	1400	J N
	Tetrachlorobenzene isomer	11.05	950	J
	Dimethylnaphthalene isomer	11.28	770	J
	Dimethylnaphthalene isomer-1	11.36	860	J

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45598.d
Report Date: 31-Mar-2011 16:51

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45598.d
Lab Smp Id: 460-24280-D-10-A Client Smp ID: PMP-24-VS-E (1-3)
Inj Date : 30-MAR-2011 20:32
Operator : Inst ID: VOAMS13.i
Smp Info : 460-24280-D-10-A;50;;6.74;5
Misc Info : 460-24280-D-10-A
Comment   :
Method   : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/8260_09.m
Meth Date : 30-Mar-2011 10:34 desais Quant Type: ISTD
Cal Date : 03-MAR-2011 04:37 Cal File: p44665.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	6.74000	Weight of sample extracted (g)
M	8.51735	% 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 Acetone	58	1.494	1.480	(0.503)	1669	6.68549	270(a)
	36 cis-1,2-Dichloroethene	96	2.124	2.132	(0.715)	23900	7.28142	300
$	47 1,2-Dichloroethane-d4 (SUR)	65	2.762	2.769	(0.930)	123235	35.0594	1400
*	52 Fluorobenzene	96	2.970	2.970	(1.000)	666152	50.0000	
	54 Trichloroethene	95	3.099	3.099	(1.043)	48497	16.0224	650
	56 Methyl cyclohexane	83	3.070	3.077	(1.034)	14303	3.36517	140
$	65 Toluene-d8 (SUR)	98	4.367	4.374	(0.712)	424241	35.5193	1400
	66 Toluene	91	4.417	4.424	(0.721)	18495	1.26250	51
	71 Tetrachloroethene	166	4.811	4.811	(0.785)	58606	17.5529	710
*	78 Chlorobenzene-d5	117	6.129	6.129	(1.000)	527206	50.0000	
	79 Chlorobenzene	112	6.150	6.150	(1.004)	29544	3.21874	130
	81 Ethylbenzene	106	6.236	6.236	(1.018)	19671	4.06660	160
	82 m+p-Xylene	106	6.415	6.415	(1.047)	94514	15.2668	620
	84 o-Xylene	106	6.845	6.845	(1.117)	44430	7.66639	310

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45598.d
Report Date: 31-Mar-2011 16:51

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	85 Styrene	104	6.917	6.910	(1.129)	4989	0.44871	18(a)
	88 Isopropylbenzene	105	7.167	7.167	(1.169)	20923	1.51956	62
$	89 Bromofluorobenzene (SUR)	174	7.389	7.389	(0.890)	183419	43.8220	1800
	95 n-Propylbenzene	91	7.540	7.533	(0.908)	16958	0.96793	39(a)
	97 1,3,5-Trimethylbenzene	105	7.726	7.726	(0.931)	134372	11.0244	450
	101 1,2,4-Trimethylbenzene	105	8.027	8.027	(0.967)	233461	17.9343	730
	103 sec-Butylbenzene	105	8.106	8.106	(0.977)	24164	1.68878	68
	105 1,3-Dichlorobenzene	146	8.242	8.235	(0.993)	3367	0.43717	18(a)
*	108 1,4-Dichlorobenzene-d4	152	8.299	8.299	(1.000)	296811	50.0000	
	109 1,4-Dichlorobenzene	146	8.313	8.306	(1.002)	26775	3.36977	140
	111 1,2-Dichlorobenzene	146	8.621	8.614	(1.039)	133544	18.3445	740
	114 1,2,4-Trichlorobenzene	180	9.689	9.689	(1.167)	1599818	327.205	13000
	116 Naphthalene	128	9.904	9.904	(1.193)	398068	38.0174	1500
	117 1,2,3-Trichlorobenzene	180	10.033	10.033	(1.209)	261119	63.3703	2600
M	120 1,2-Dichloroethene (Total)	100				23900	8.03038	320
M	121 Xylene (Total)	100				138944	22.9332	930

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45598.d
Report Date: 31-Mar-2011 16:51

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45598.d
Lab Smp Id: 460-24280-D-10-A Client Smp ID: PMP-24-VS-E (1-3)
Inj Date : 30-MAR-2011 20:32
Operator : Inst ID: VOAMS13.i
Smp Info : 460-24280-D-10-A;50;;6.74;5
Misc Info : 460-24280-D-10-A
Comment   :
Method   : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/8260_09.m
Meth Date : 30-Mar-2011 10:34 desais Quant Type: ISTD
Cal Date : 03-MAR-2011 04:37 Cal File: p44665.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	6.74000	Weight of sample extracted (g)
M	8.51735	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 108 1,4-Dichlorobenzene-d4	8.299	1899759	50.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Methylpropylbenzene isomer						CAS #:	
8.492	457722	12.0468532	490	0		0	108
Methyl-methylethylbenzene isomer						CAS #:	
8.543	1091976	28.7398427	1200	0		0	108

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45598.d
Report Date: 31-Mar-2011 16:51

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Methyl-methylethylbenzene isomer-1					CAS #:		
8.757	632175	16.6382958	670	0		0	108
Methyl-methylethylbenzene isomer-2					CAS #:		
8.815	769769	20.2596341	820	0		0	108
Coeluting Aromatics					CAS #:		
8.901	837964	22.0544860	890	0		0	108
Unknown					CAS #:		
8.972	510788	13.4435028	540	0		0	108
Tetramethylbenzene isomer					CAS #:		
9.137	577463	15.1983152	620	0		0	108
C11H16 Aromatic					CAS #:		
9.381	455014	11.9755696	480	0		0	108
Tetramethylbenzene isomer-1					CAS #:		
9.416	780847	20.5512046	830	0		0	108
Coeluting Aromatics-1					CAS #:		
9.760	636196	16.7441269	680	0		0	108
Naphthalene, 2-methyl-					CAS #: 91-57-6		
10.634	2803302	73.7804565	3000	95	NIST02.l	18501	108
Naphthalene, 1-methyl-					CAS #: 90-12-0		
10.734	1276732	33.6024725	1400	96	NIST02.l	18499	108(L)
Tetrachlorobenzene isomer					CAS #:		
11.050	893185	23.5078371	950	0		0	108(L)
Dimethylnaphthalene isomer					CAS #:		
11.279	725596	19.0970478	770	0		0	108
Dimethylnaphthalene isomer-1					CAS #:		
11.358	809213	21.2977704	860	0		0	108(M)

QC Flag Legend

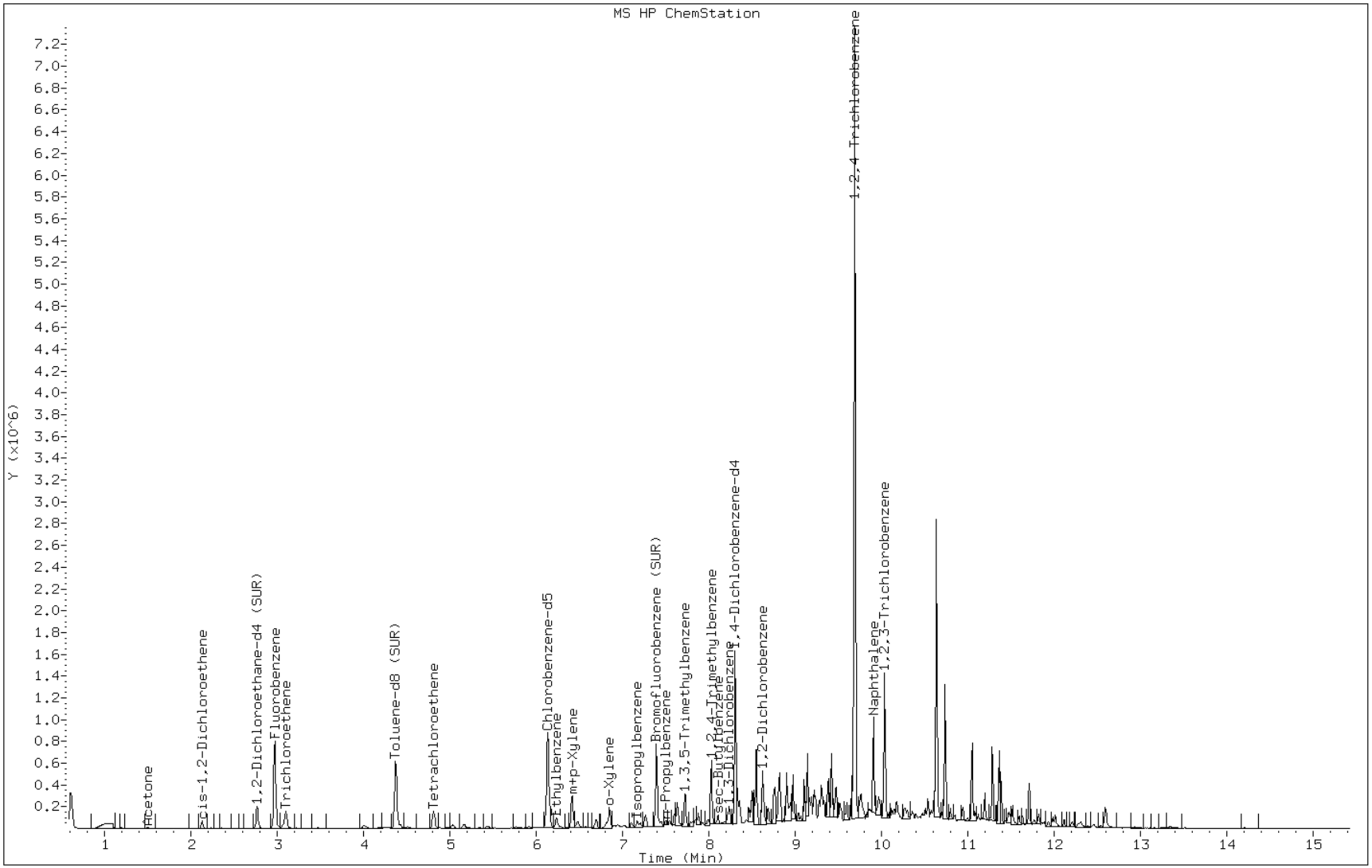
M - Compound response manually integrated.
L - Operator selected an alternate library search match.

Data File: p45598.d

Date: 30-MAR-2011 20:32

Client ID: PMP-24-VS-E (1-3) Instrument: VOAMS13.i

Sample Info: 460-24280-D-10-A;50;;6.74;5 Operator:



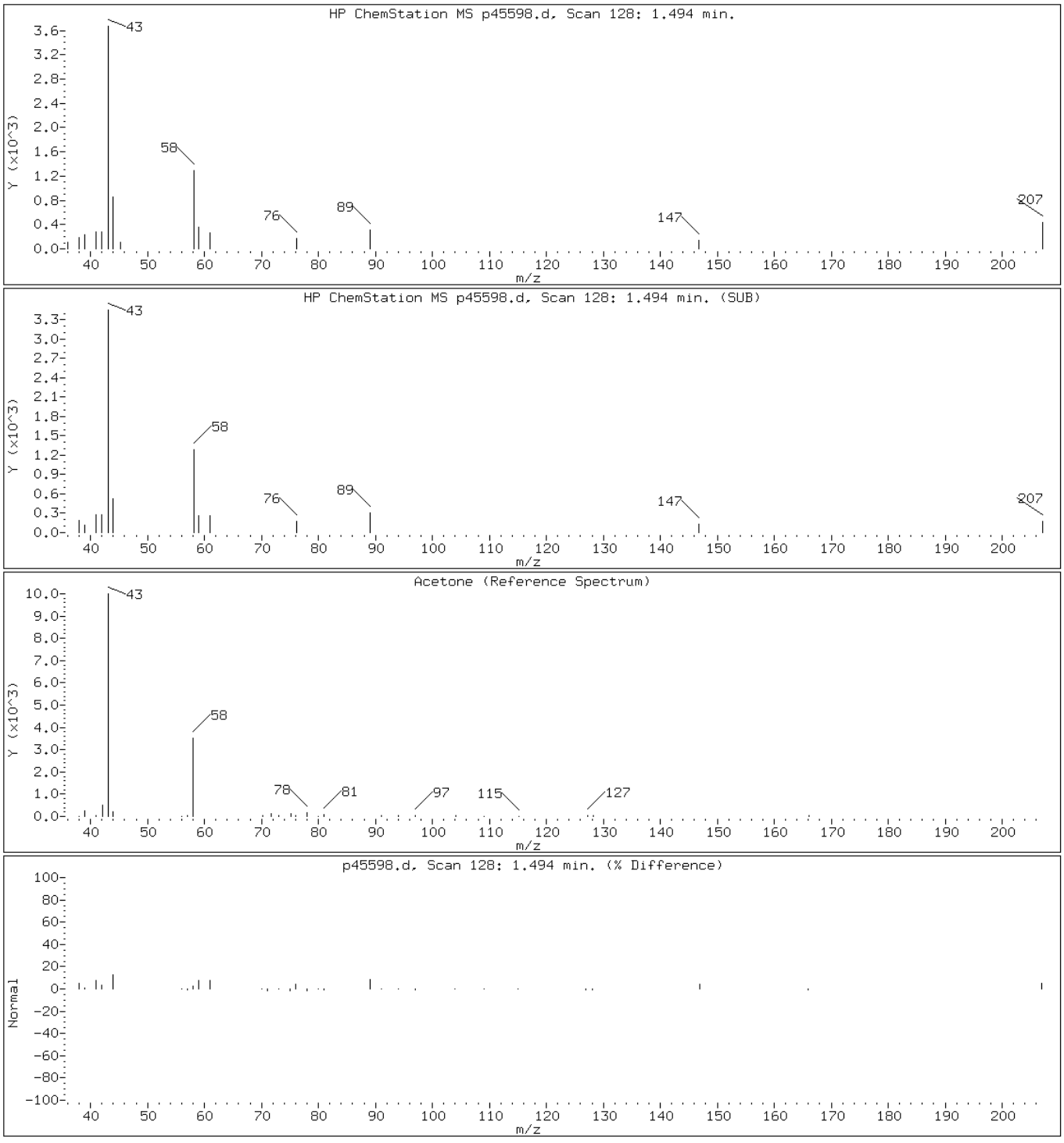
Data File: p45598.d

Date: 30-MAR-2011 20:32

Client ID: PMP-24-VS-E (1-3) Instrument: VOAMS13.i

Sample Info: 460-24280-D-10-A;50;;6.74;5 Operator:

16 Acetone



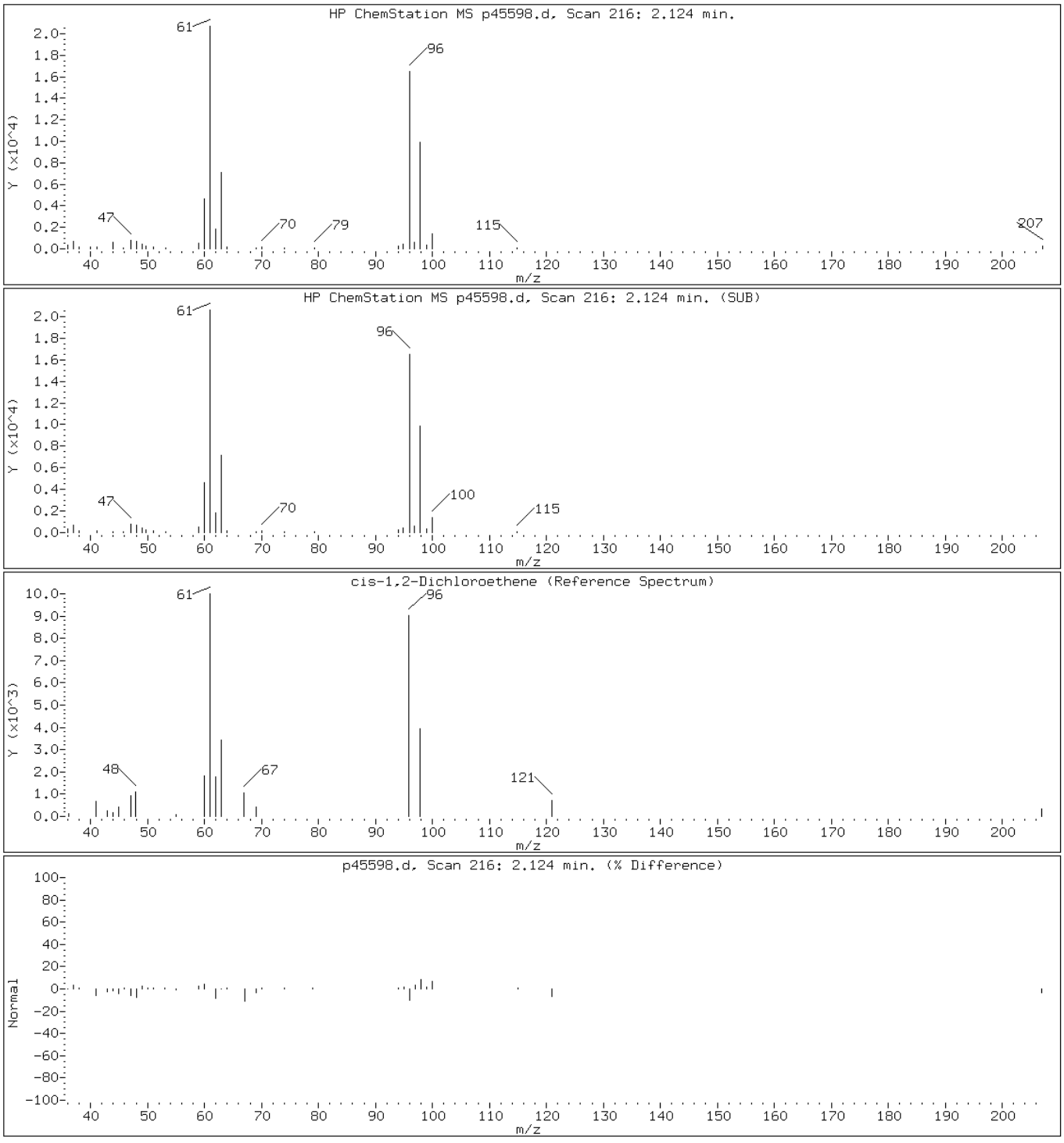
Data File: p45598.d

Date: 30-MAR-2011 20:32

Client ID: PMP-24-VS-E (1-3) Instrument: VOAMS13.i

Sample Info: 460-24280-D-10-A;50;;6.74;5 Operator:

36 cis-1,2-Dichloroethene



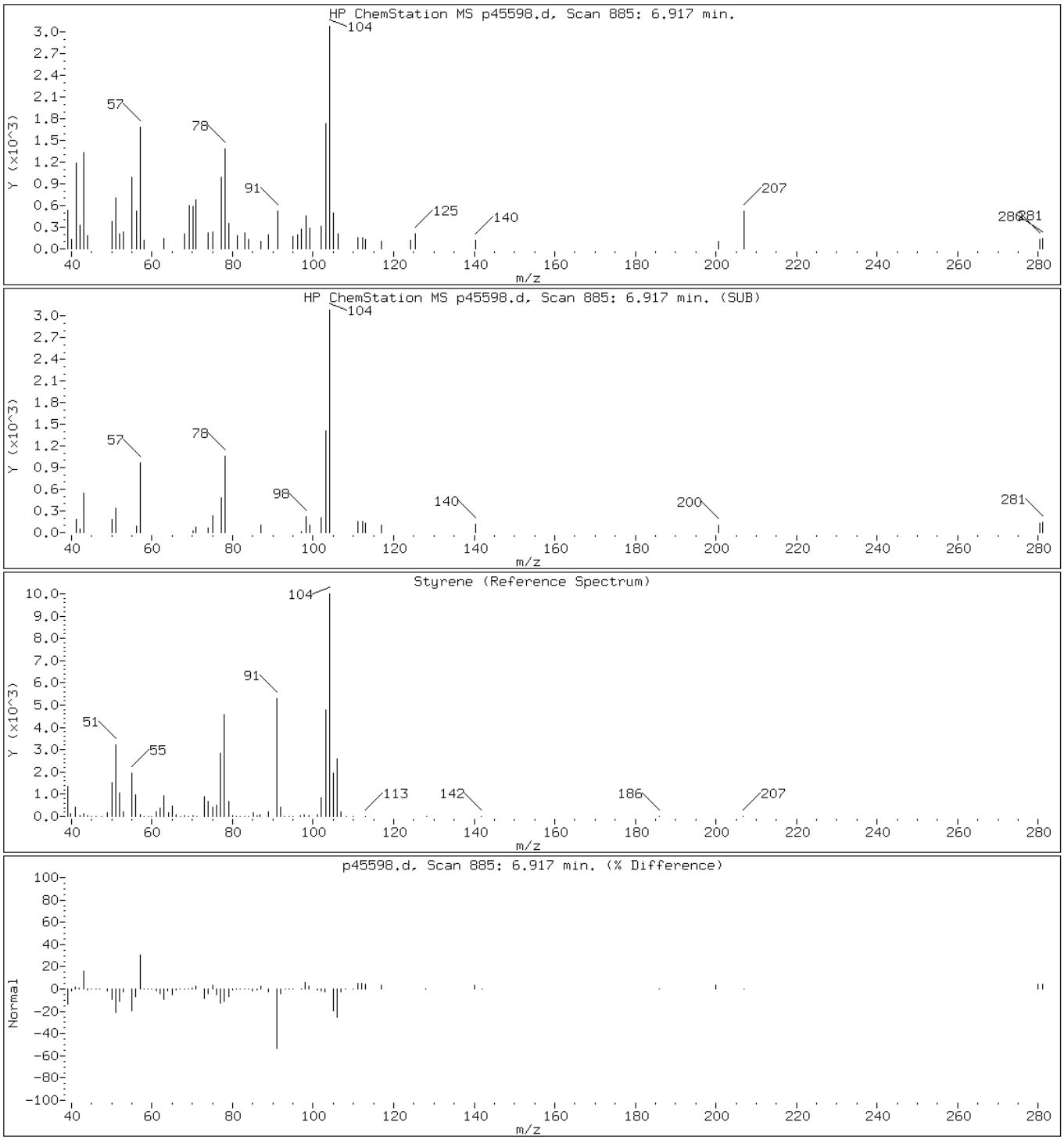
Data File: p45598.d

Date: 30-MAR-2011 20:32

Client ID: PMP-24-VS-E (1-3) Instrument: VOAMS13.i

Sample Info: 460-24280-D-10-A;50;;6.74;5 Operator:

85 Styrene



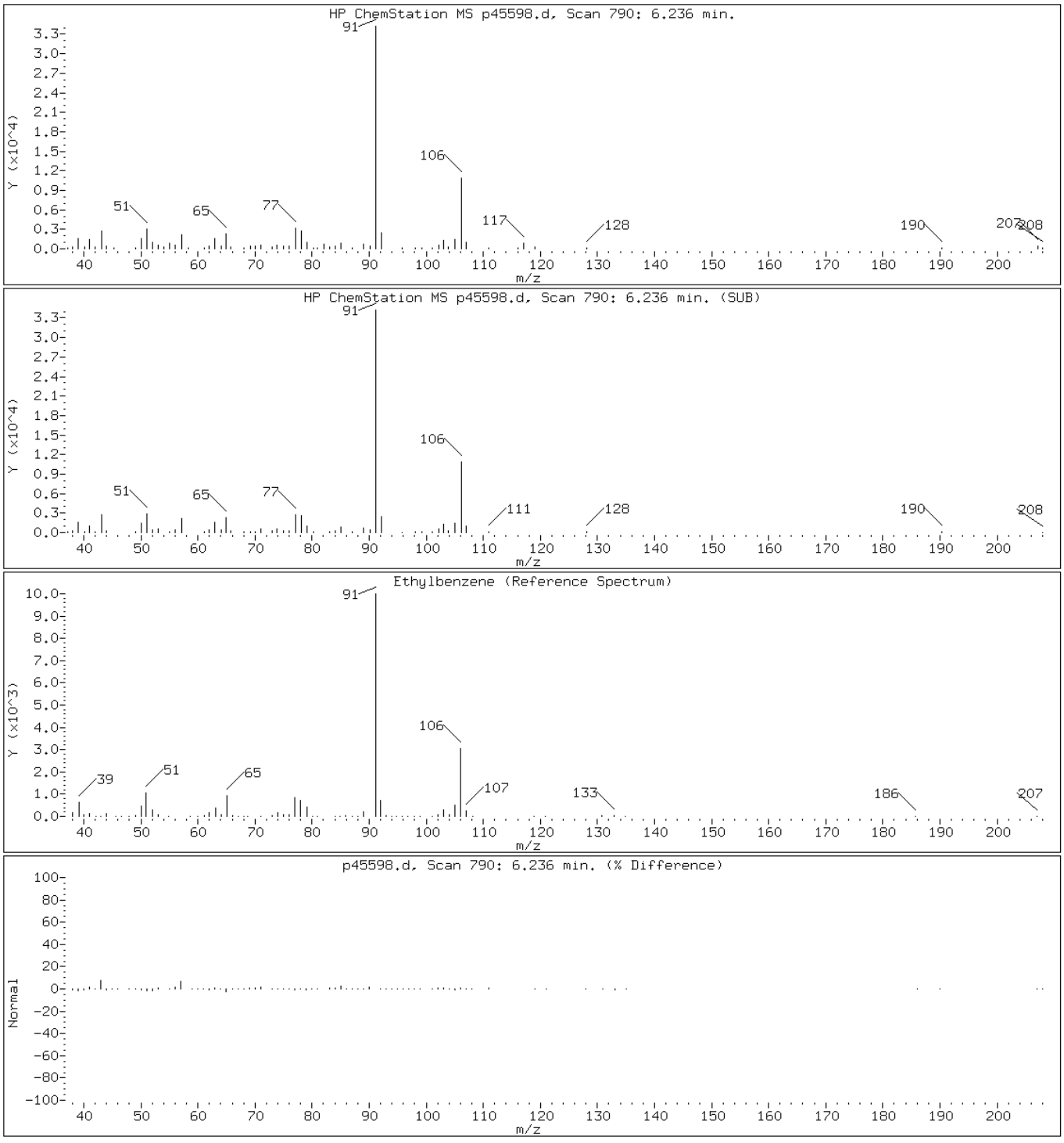
Data File: p45598.d

Date: 30-MAR-2011 20:32

Client ID: PMP-24-VS-E (1-3) Instrument: VOAMS13.i

Sample Info: 460-24280-D-10-A;50;;6.74;5 Operator:

81 Ethylbenzene



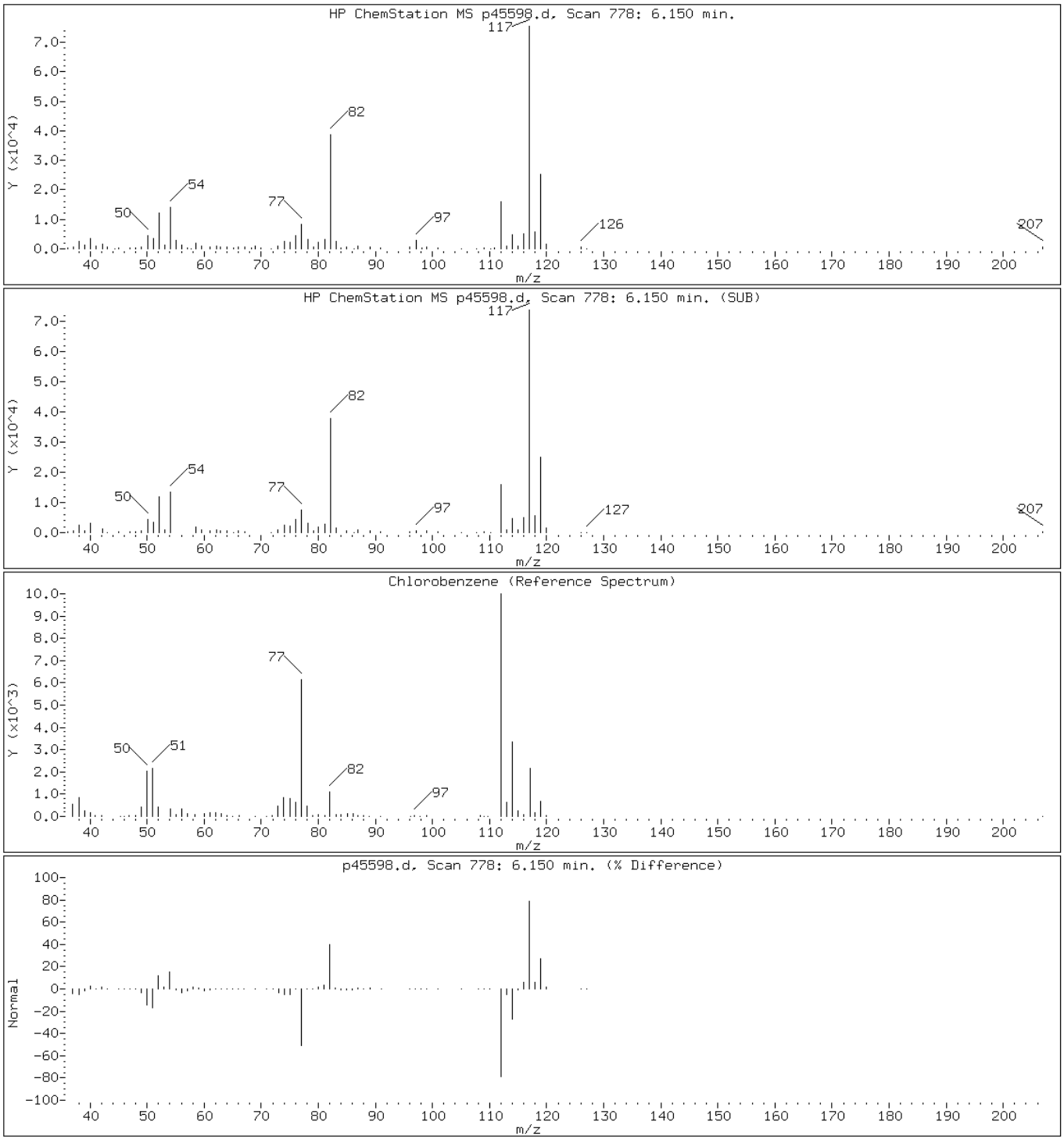
Data File: p45598.d

Date: 30-MAR-2011 20:32

Client ID: PMP-24-VS-E (1-3) Instrument: VOAMS13.i

Sample Info: 460-24280-D-10-A;50;;6.74;5 Operator:

79 Chlorobenzene



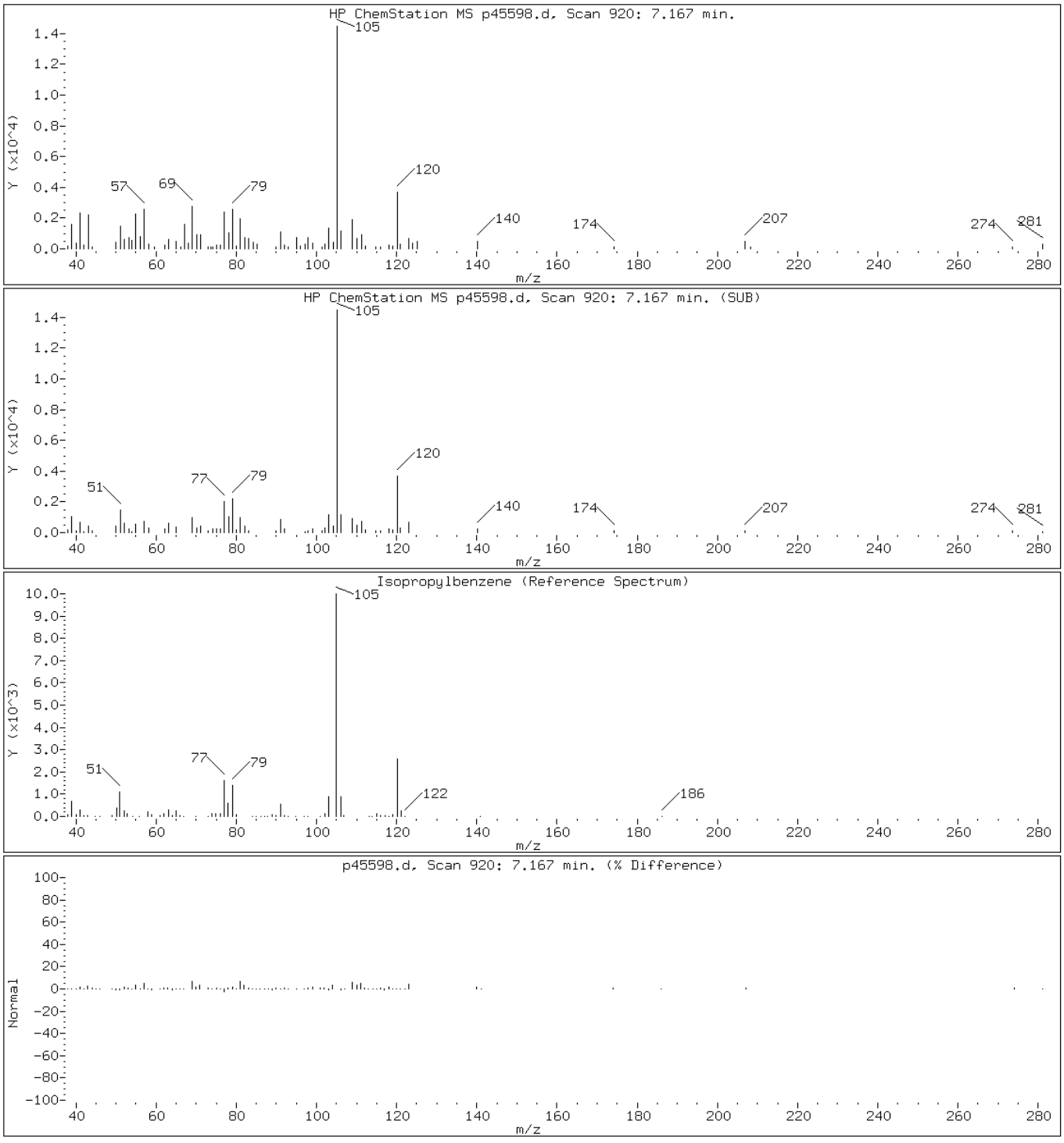
Data File: p45598.d

Date: 30-MAR-2011 20:32

Client ID: PMP-24-VS-E (1-3) Instrument: VOAMS13.i

Sample Info: 460-24280-D-10-A;50;;6.74;5 Operator:

88 Isopropylbenzene



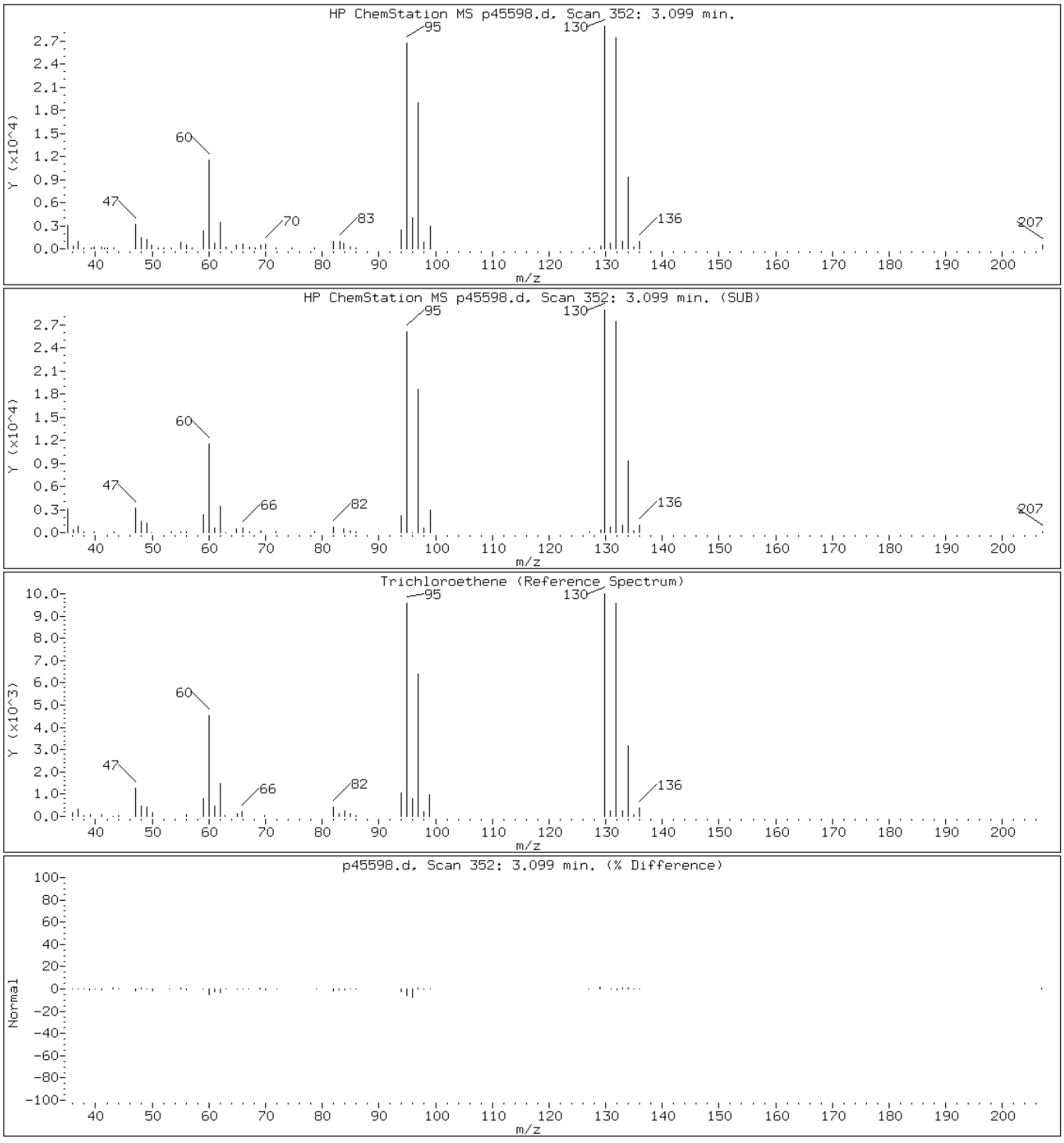
Data File: p45598.d

Date: 30-MAR-2011 20:32

Client ID: PMP-24-VS-E (1-3) Instrument: VOAMS13.i

Sample Info: 460-24280-D-10-A;50;;6.74;5 Operator:

54 Trichloroethene



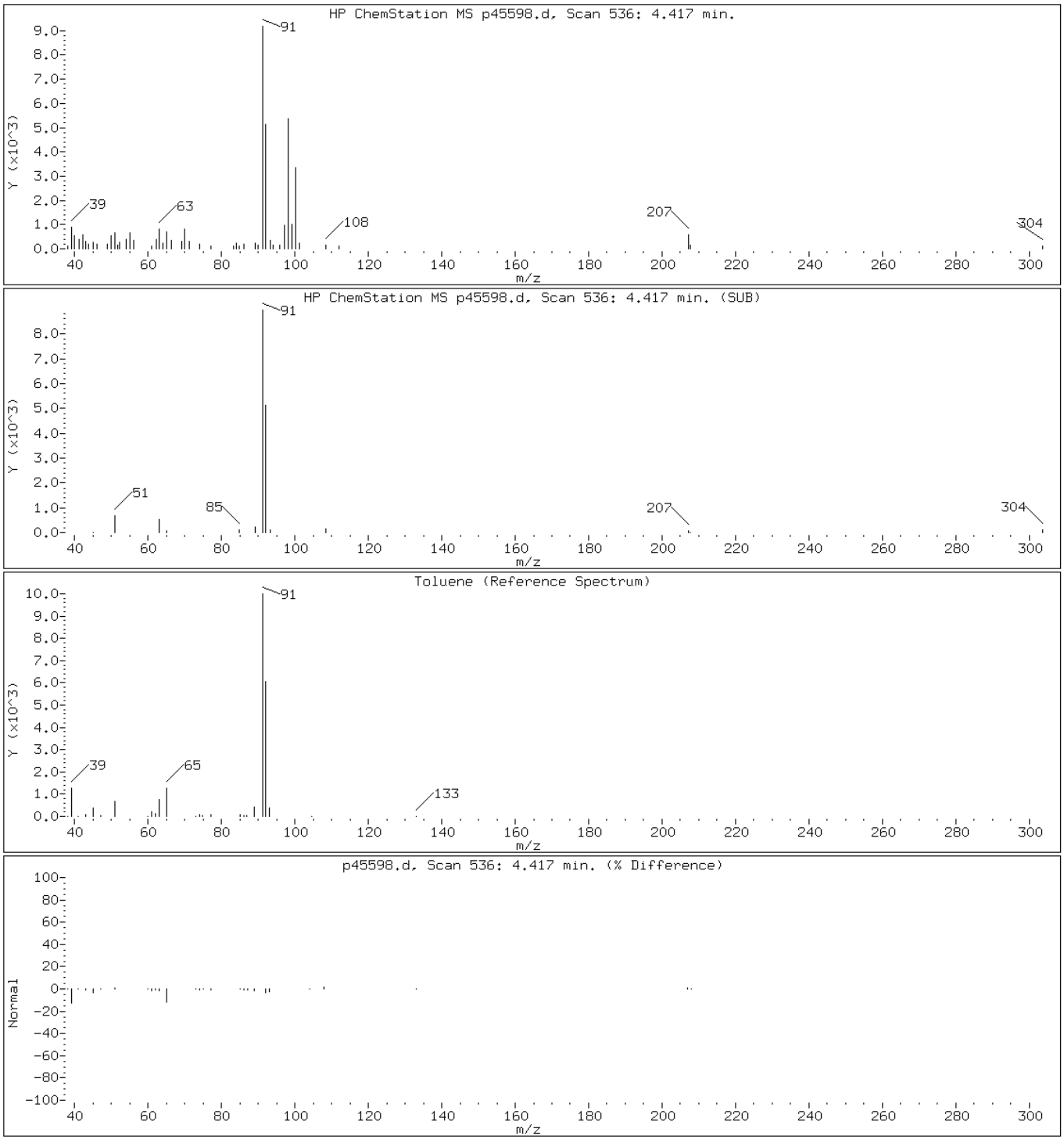
Data File: p45598.d

Date: 30-MAR-2011 20:32

Client ID: PMP-24-VS-E (1-3) Instrument: VOAMS13.i

Sample Info: 460-24280-D-10-A;50;;6.74;5 Operator:

66 Toluene



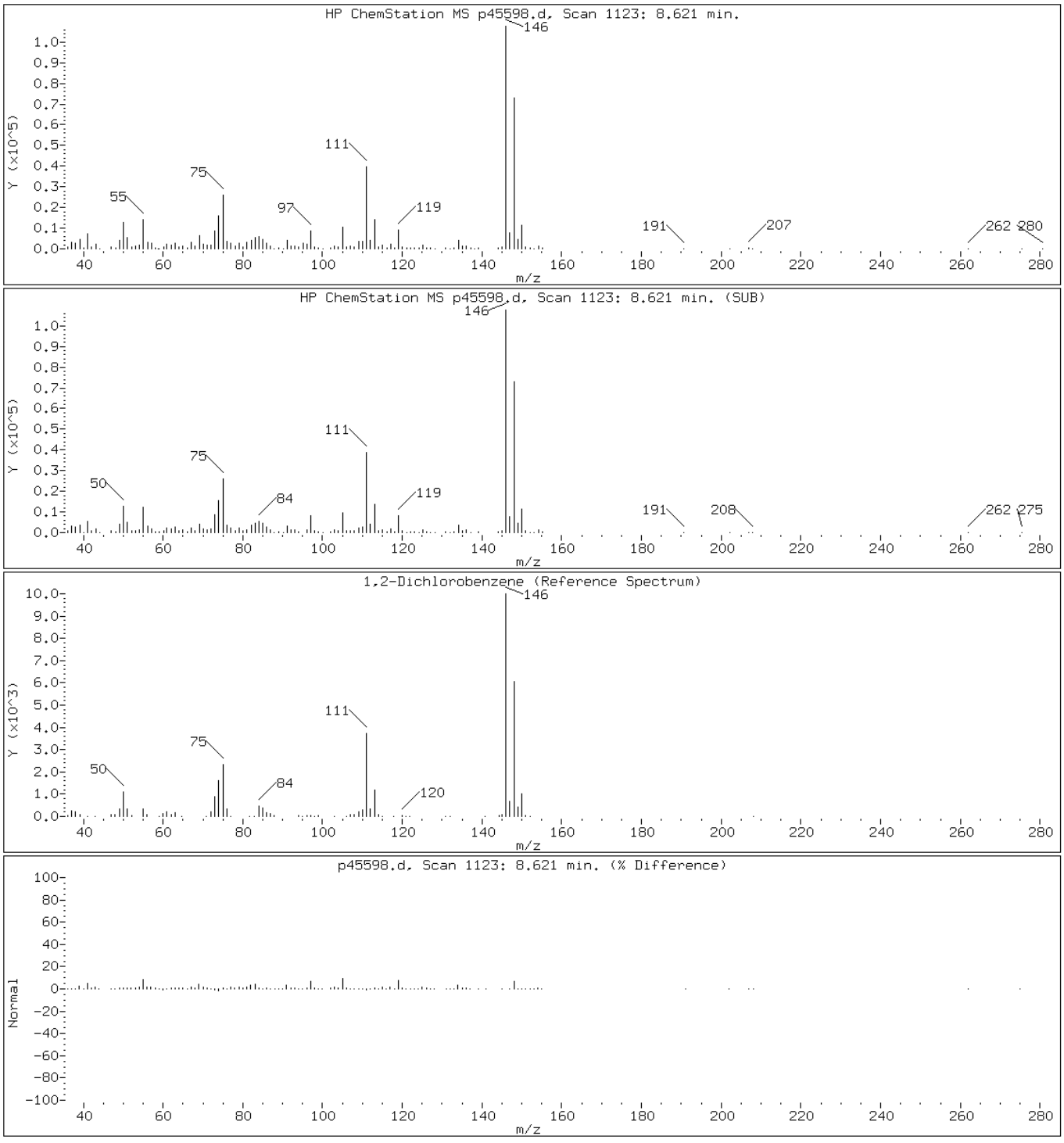
Data File: p45598.d

Date: 30-MAR-2011 20:32

Client ID: PMP-24-VS-E (1-3) Instrument: VOAMS13.i

Sample Info: 460-24280-D-10-A;50;;6.74;5 Operator:

111 1,2-Dichlorobenzene



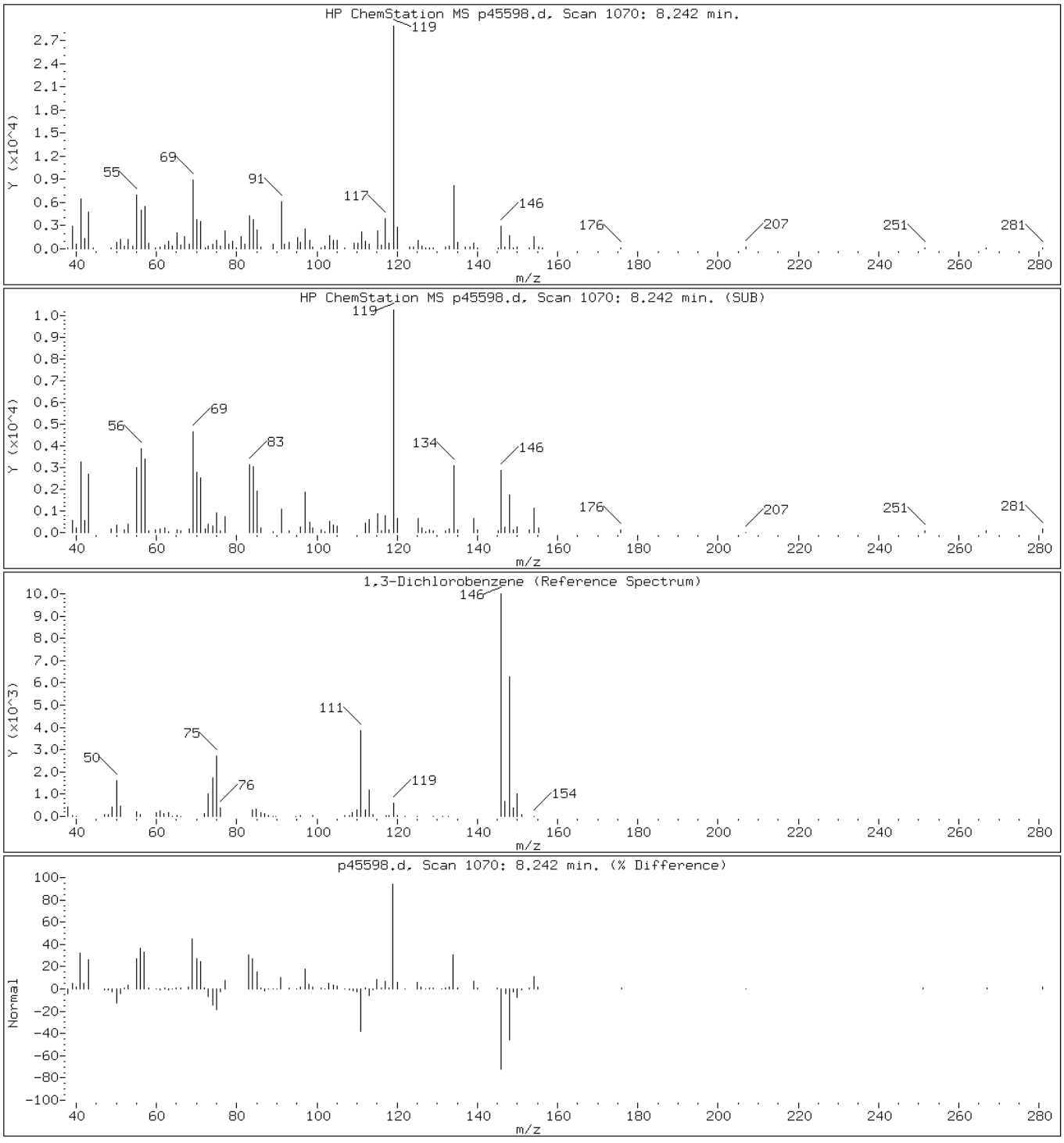
Data File: p45598.d

Date: 30-MAR-2011 20:32

Client ID: PMP-24-VS-E (1-3) Instrument: VOAMS13.i

Sample Info: 460-24280-D-10-A;50;;6.74;5 Operator:

105 1,3-Dichlorobenzene



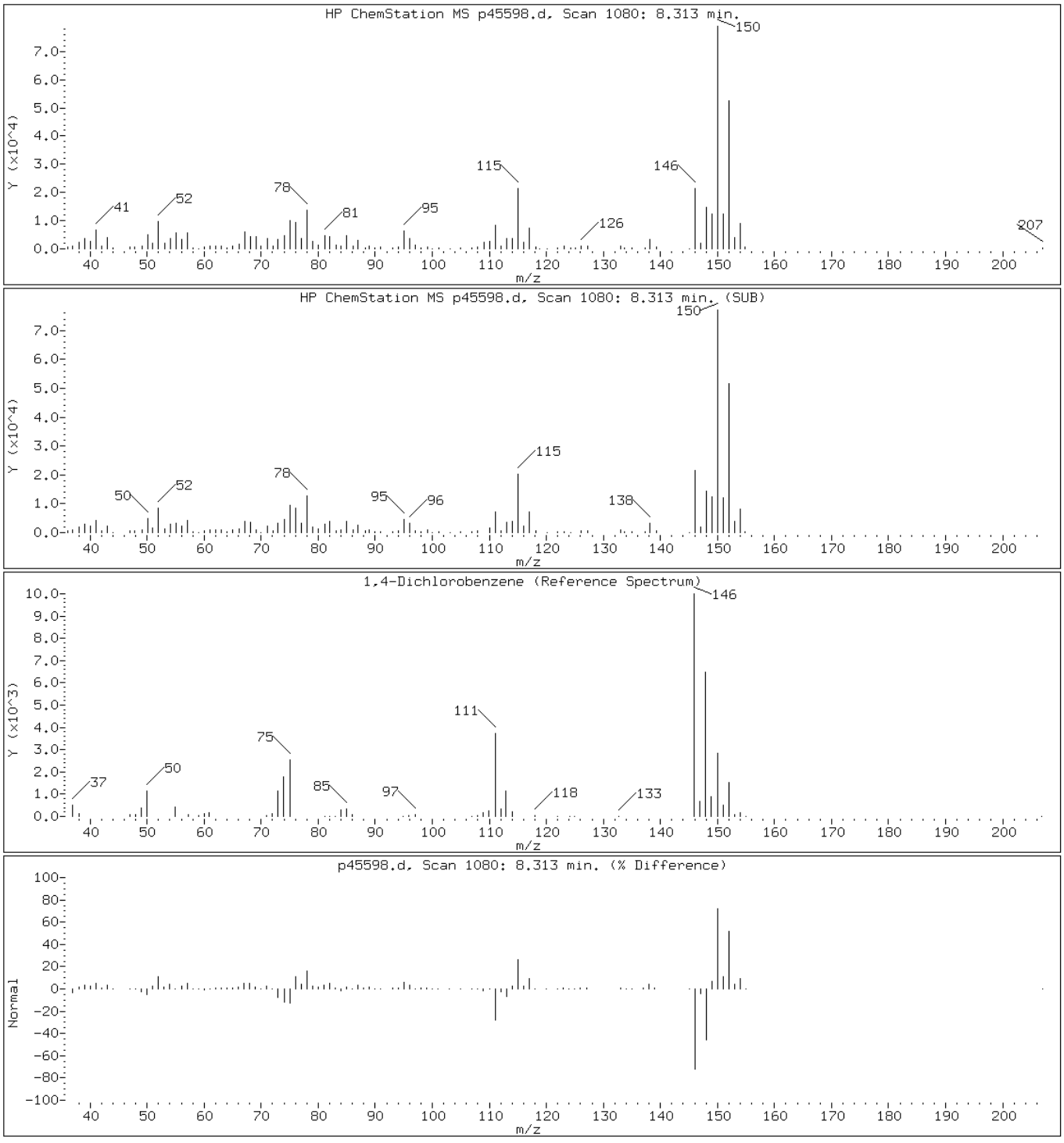
Data File: p45598.d

Date: 30-MAR-2011 20:32

Client ID: PMP-24-VS-E (1-3) Instrument: VOAMS13.i

Sample Info: 460-24280-D-10-A;50;;6.74;5 Operator:

109 1,4-Dichlorobenzene



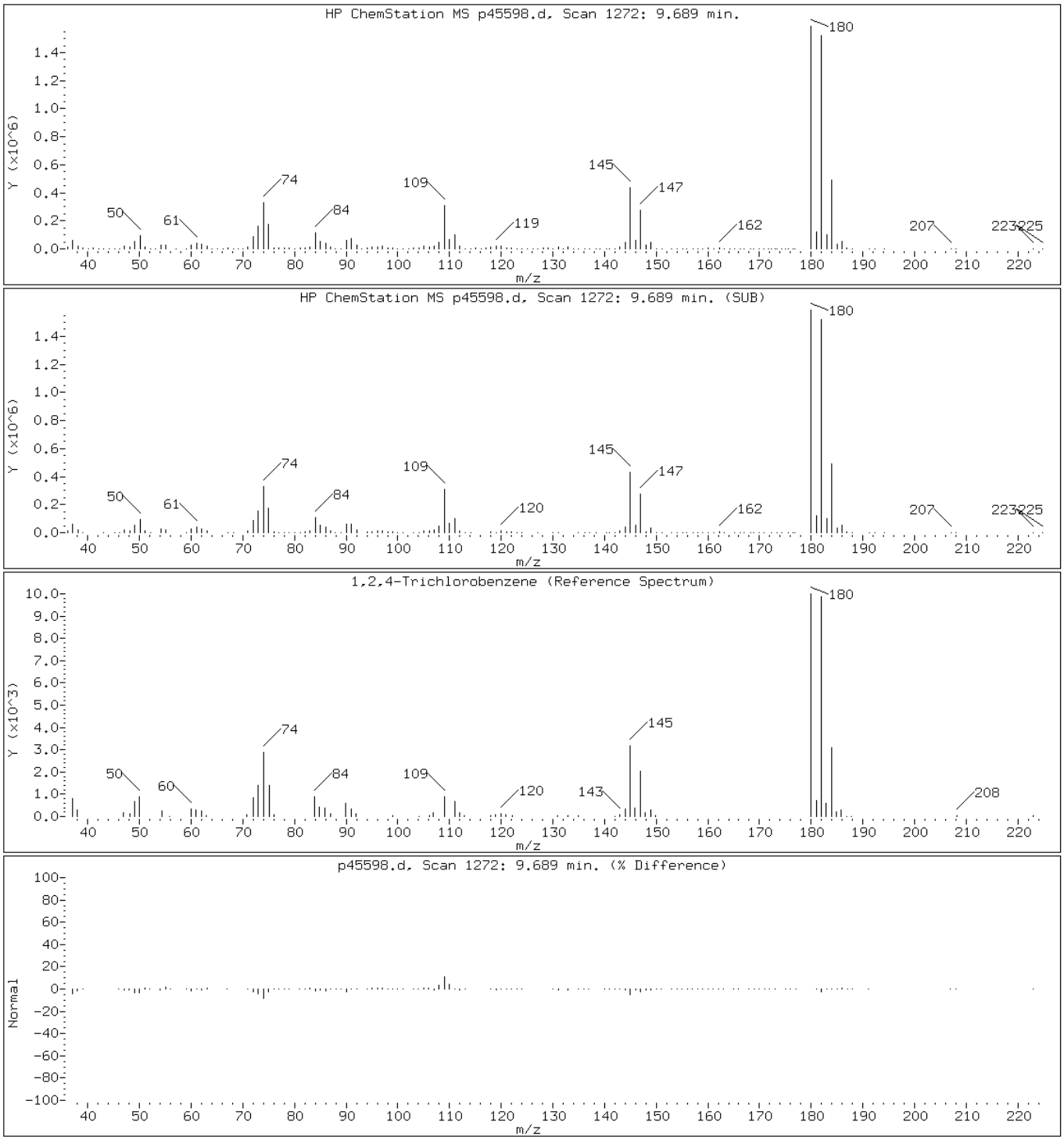
Data File: p45598.d

Date: 30-MAR-2011 20:32

Client ID: PMP-24-VS-E (1-3) Instrument: VOAMS13.i

Sample Info: 460-24280-D-10-A;50;;6.74;5 Operator:

114 1,2,4-Trichlorobenzene



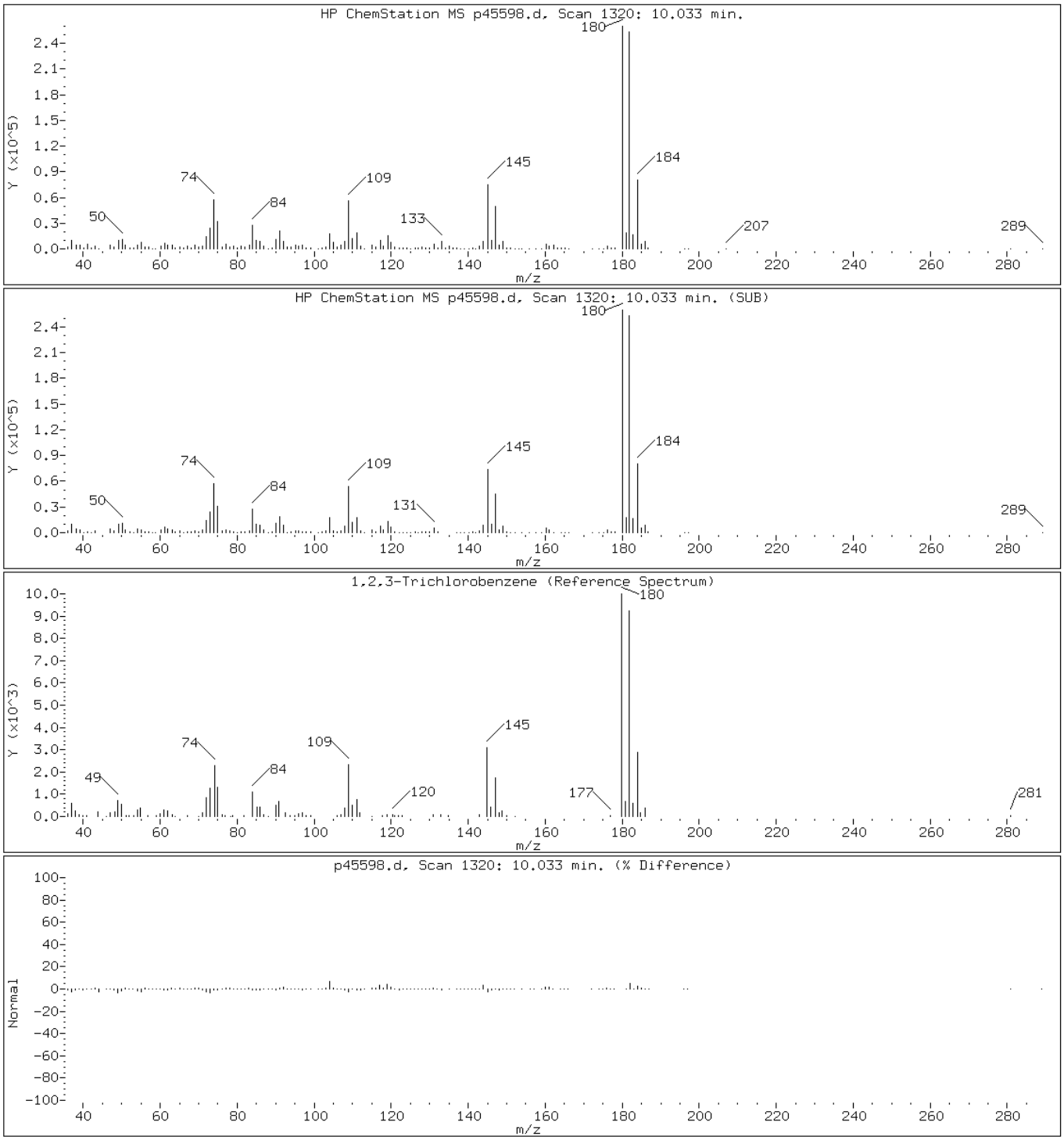
Data File: p45598.d

Date: 30-MAR-2011 20:32

Client ID: PMP-24-VS-E (1-3) Instrument: VOAMS13.i

Sample Info: 460-24280-D-10-A;50;;6.74;5 Operator:

117 1,2,3-Trichlorobenzene



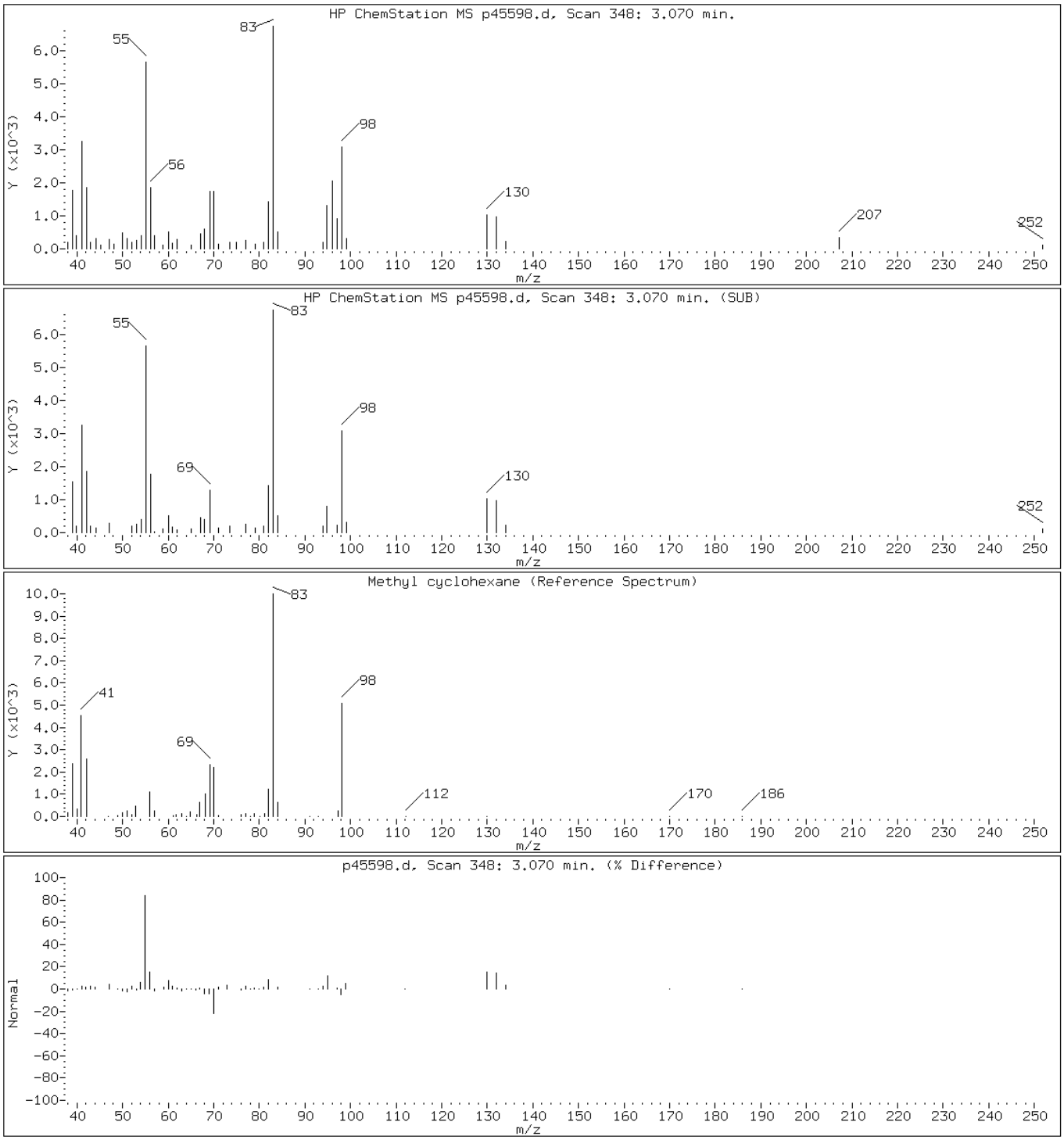
Data File: p45598.d

Date: 30-MAR-2011 20:32

Client ID: PMP-24-VS-E (1-3) Instrument: VOAMS13.i

Sample Info: 460-24280-D-10-A;50;;6.74;5 Operator:

56 Methyl cyclohexane



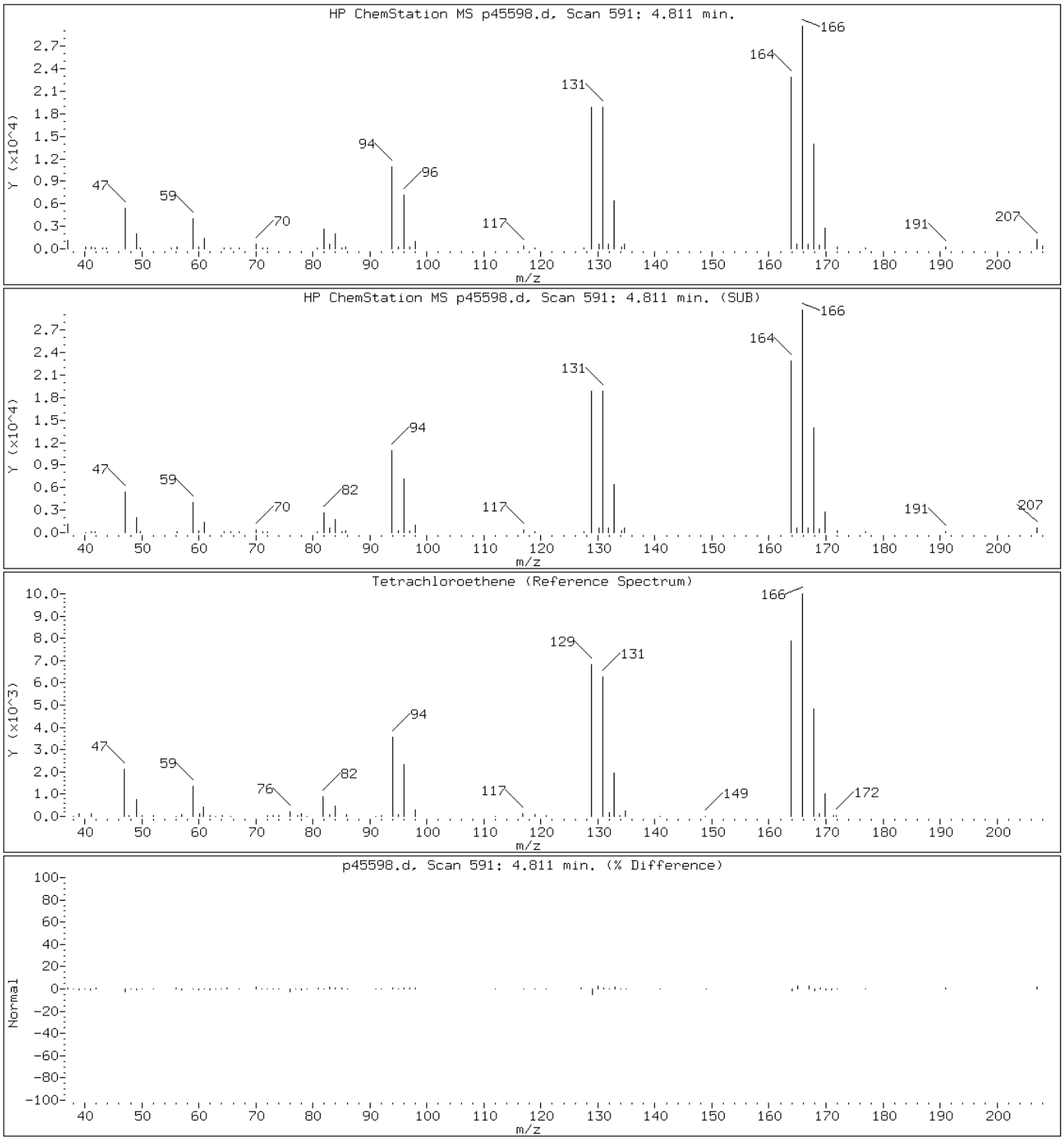
Data File: p45598.d

Date: 30-MAR-2011 20:32

Client ID: PMP-24-VS-E (1-3) Instrument: VOAMS13.i

Sample Info: 460-24280-D-10-A;50;;6.74;5 Operator:

71 Tetrachloroethene



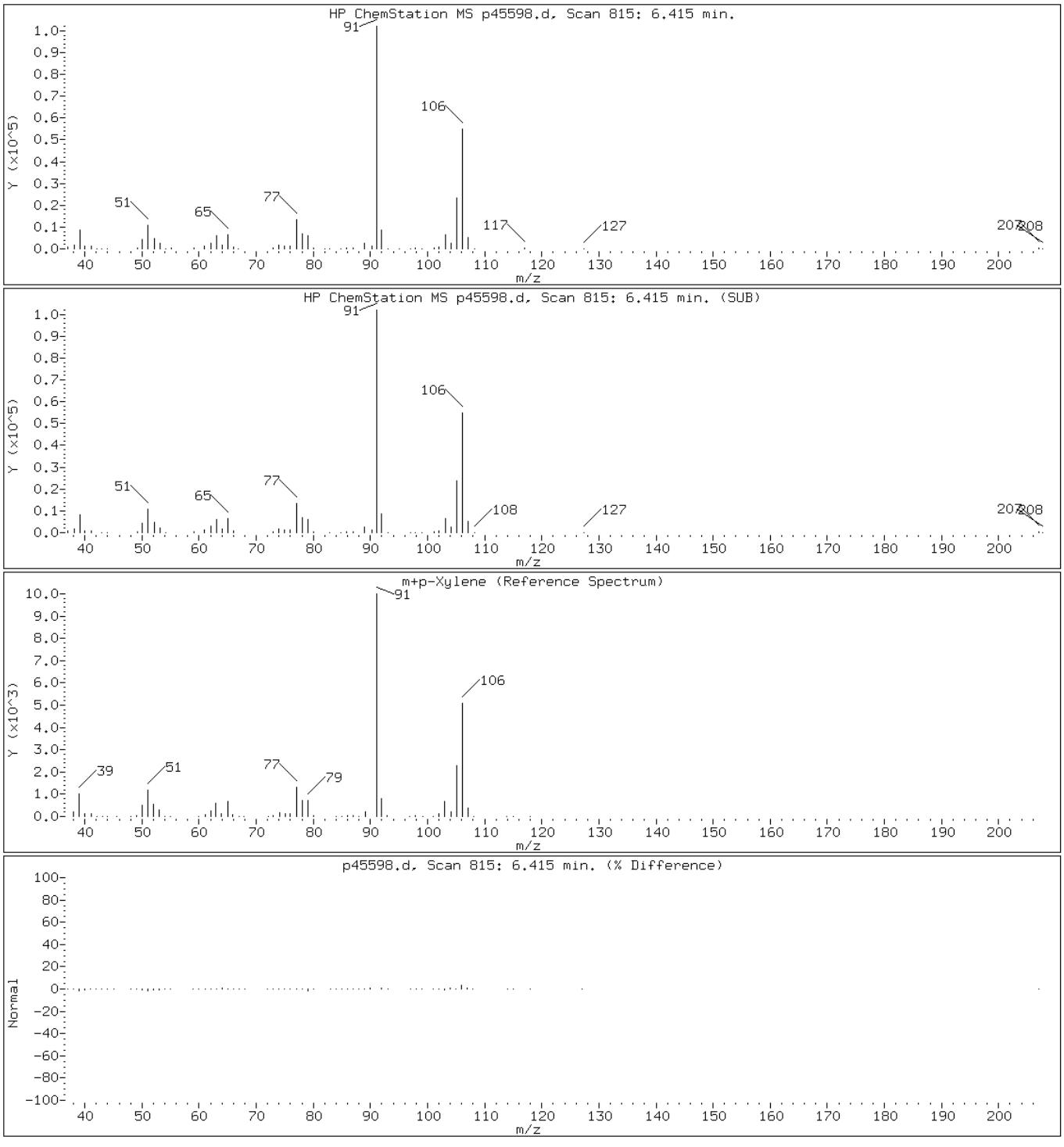
Data File: p45598.d

Date: 30-MAR-2011 20:32

Client ID: PMP-24-VS-E (1-3) Instrument: VOAMS13.i

Sample Info: 460-24280-D-10-A;50;;6.74;5 Operator:

82 m+p-Xylene



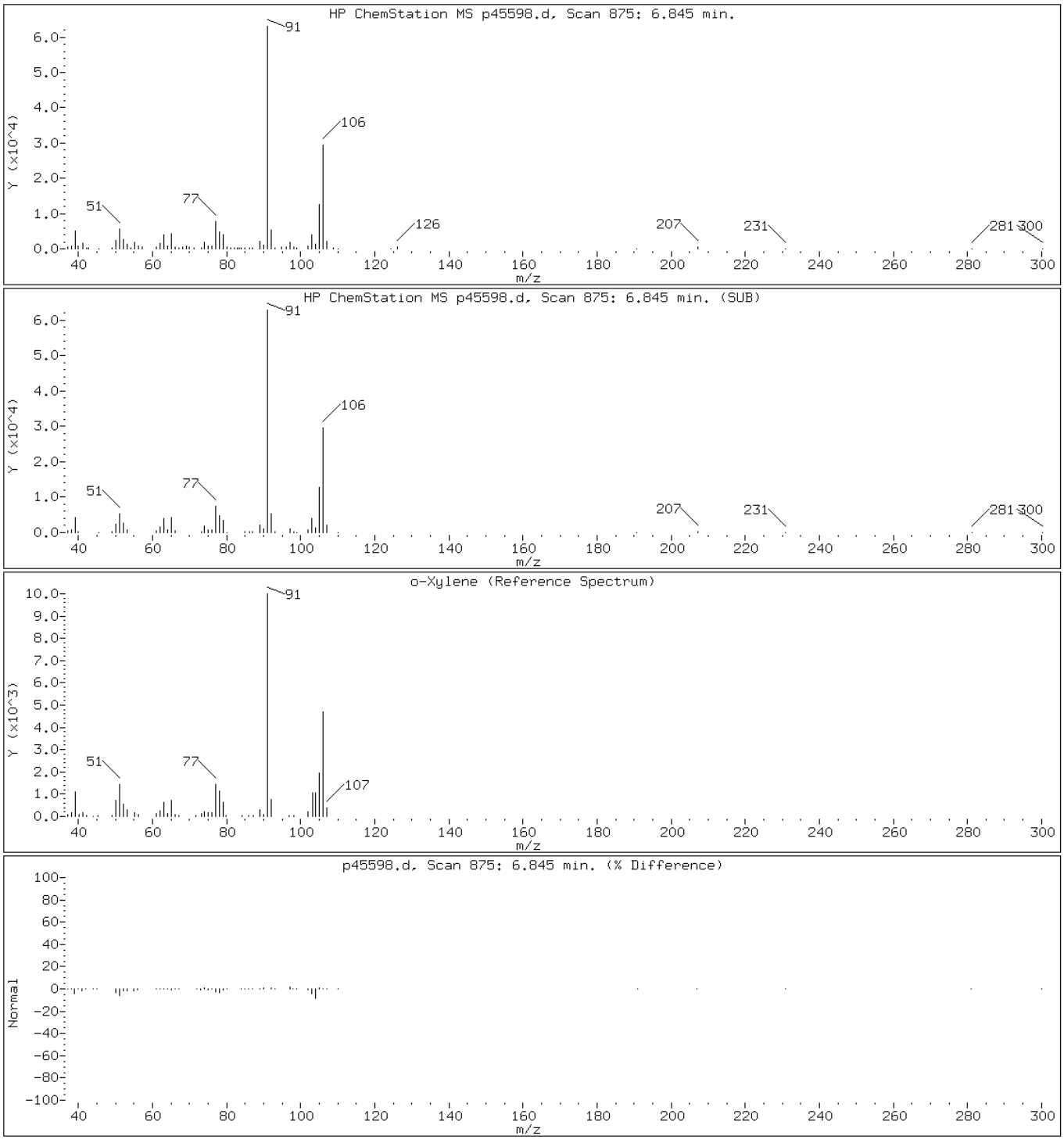
Data File: p45598.d

Date: 30-MAR-2011 20:32

Client ID: PMP-24-VS-E (1-3) Instrument: VOAMS13.i

Sample Info: 460-24280-D-10-A;50;;6.74;5 Operator:

84 o-Xylene



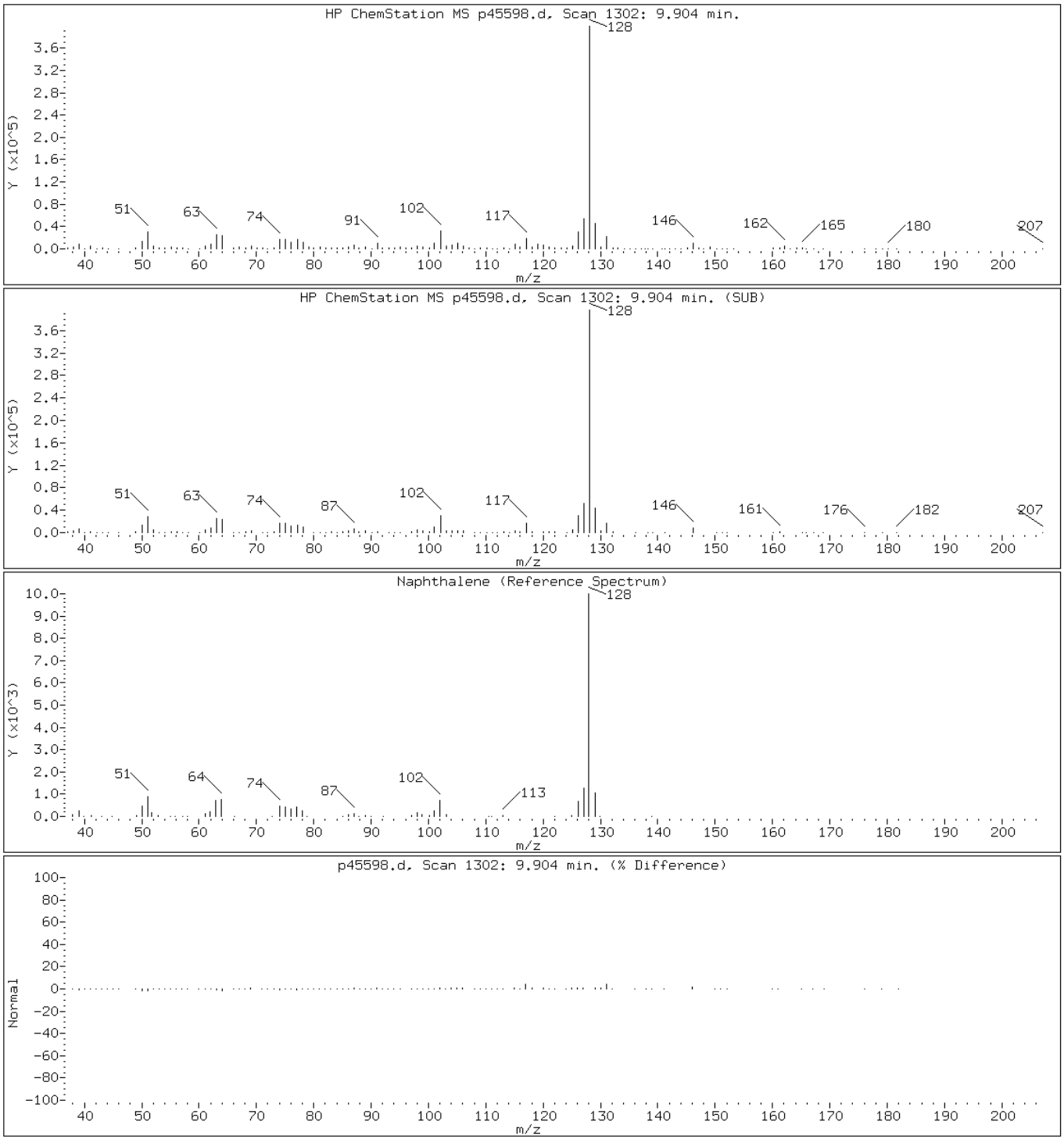
Data File: p45598.d

Date: 30-MAR-2011 20:32

Client ID: PMP-24-VS-E (1-3) Instrument: VOAMS13.i

Sample Info: 460-24280-D-10-A;50;;6.74;5 Operator:

116 Naphthalene



Data File: p45598.d

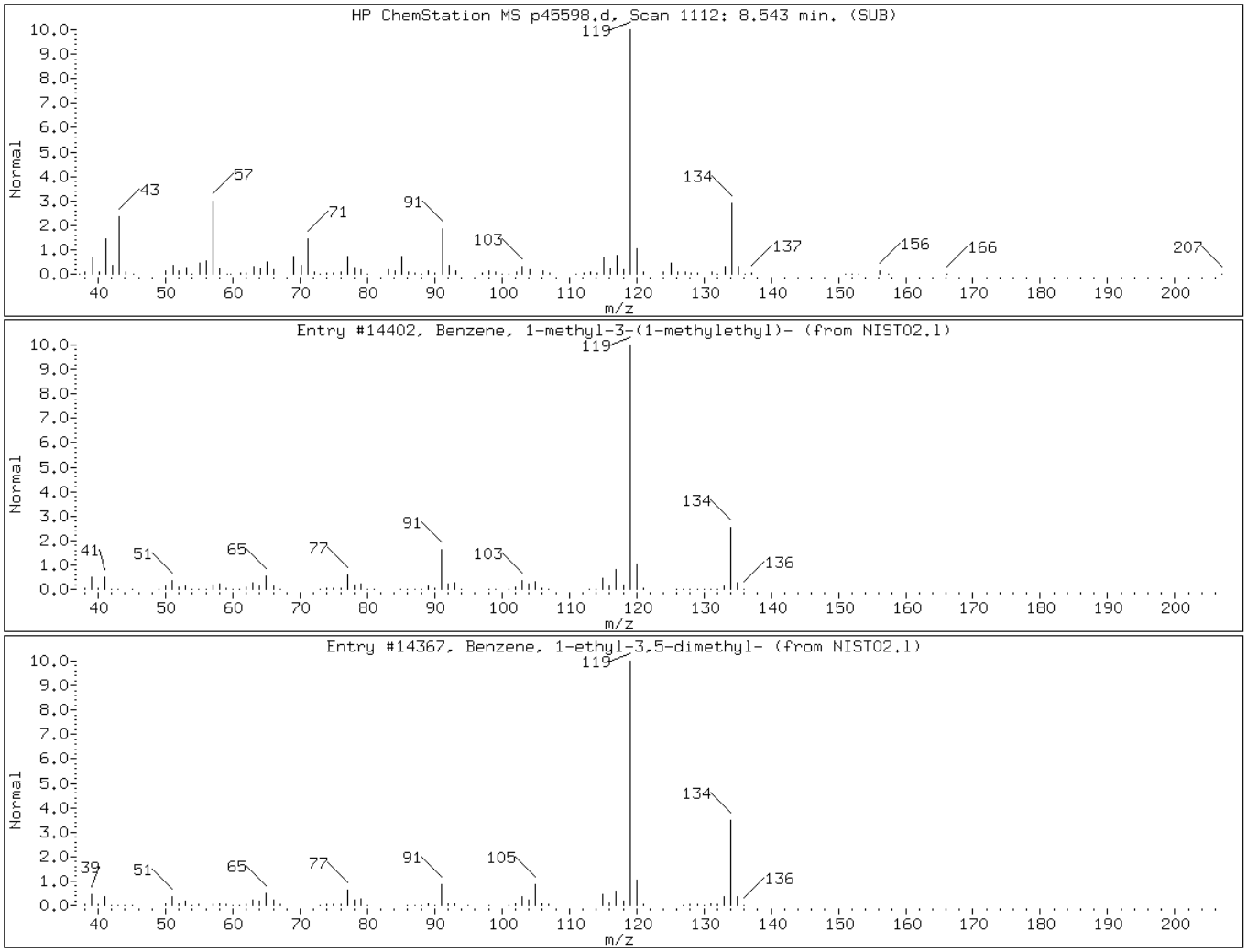
Date: 30-MAR-2011 20:32

Client ID: PMP-24-VS-E (1-3) Instrument: VOAMS13.i

Sample Info: 460-24280-D-10-A;50;;6.74;5 Operator:

Retention Time: 8.54

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Methyl-methylethylbenzene isomer						
Benzene, 1-methyl-3-(1-methylethyl	535-77-3	NIST02.l	14402	93	C10H14	134
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.l	14367	93	C10H14	134



Data File: p45598.d

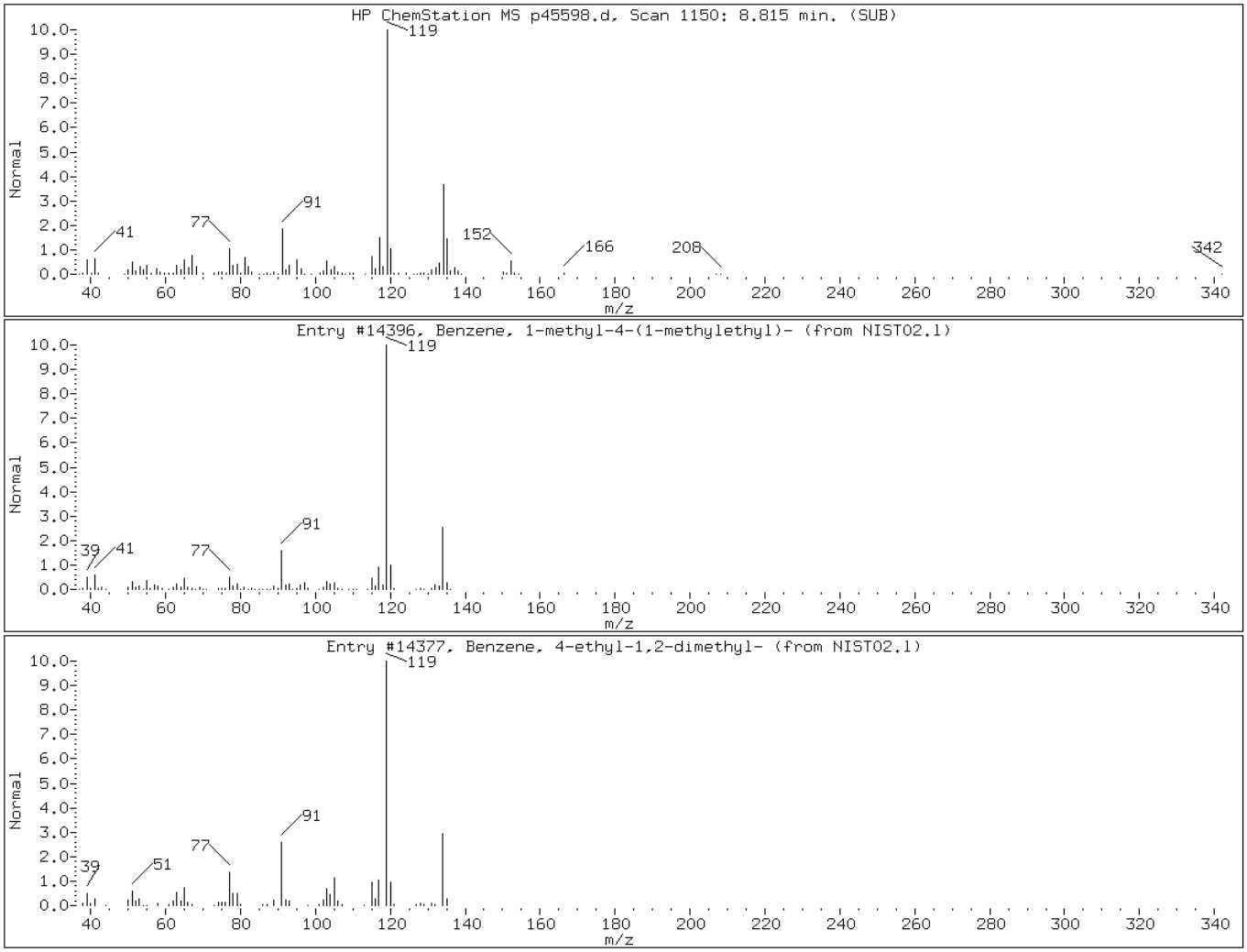
Date: 30-MAR-2011 20:32

Client ID: PMP-24-VS-E (1-3) Instrument: VOAMS13.i

Sample Info: 460-24280-D-10-A;50;;6.74;5 Operator:

Retention Time: 8.81

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Methyl-methylethylbenzene isomer-2						
Benzene, 1-methyl-4-(1-methylethyl	99-87-6	NIST02.l	14396	90	C10H14	134
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.l	14377	87	C10H14	134



Data File: p45598.d

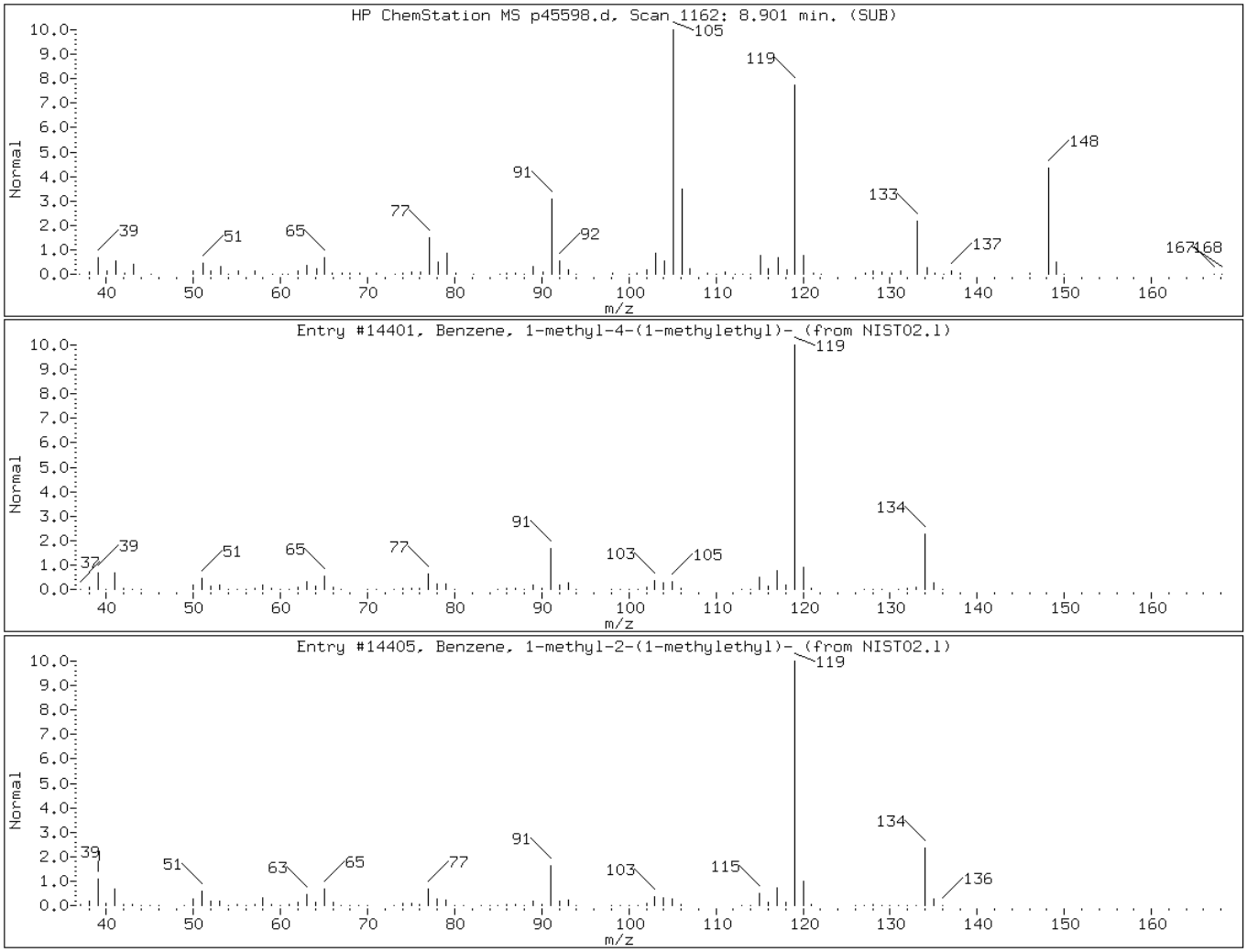
Date: 30-MAR-2011 20:32

Client ID: PMP-24-VS-E (1-3) Instrument: VOAMS13.i

Sample Info: 460-24280-D-10-A;50;;6.74;5 Operator:

Retention Time: 8.90

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics						
Benzene, 1-methyl-4-(1-methylethyl	99-87-6	NIST02.l	14401	86	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14405	83	C10H14	134



Data File: p45598.d

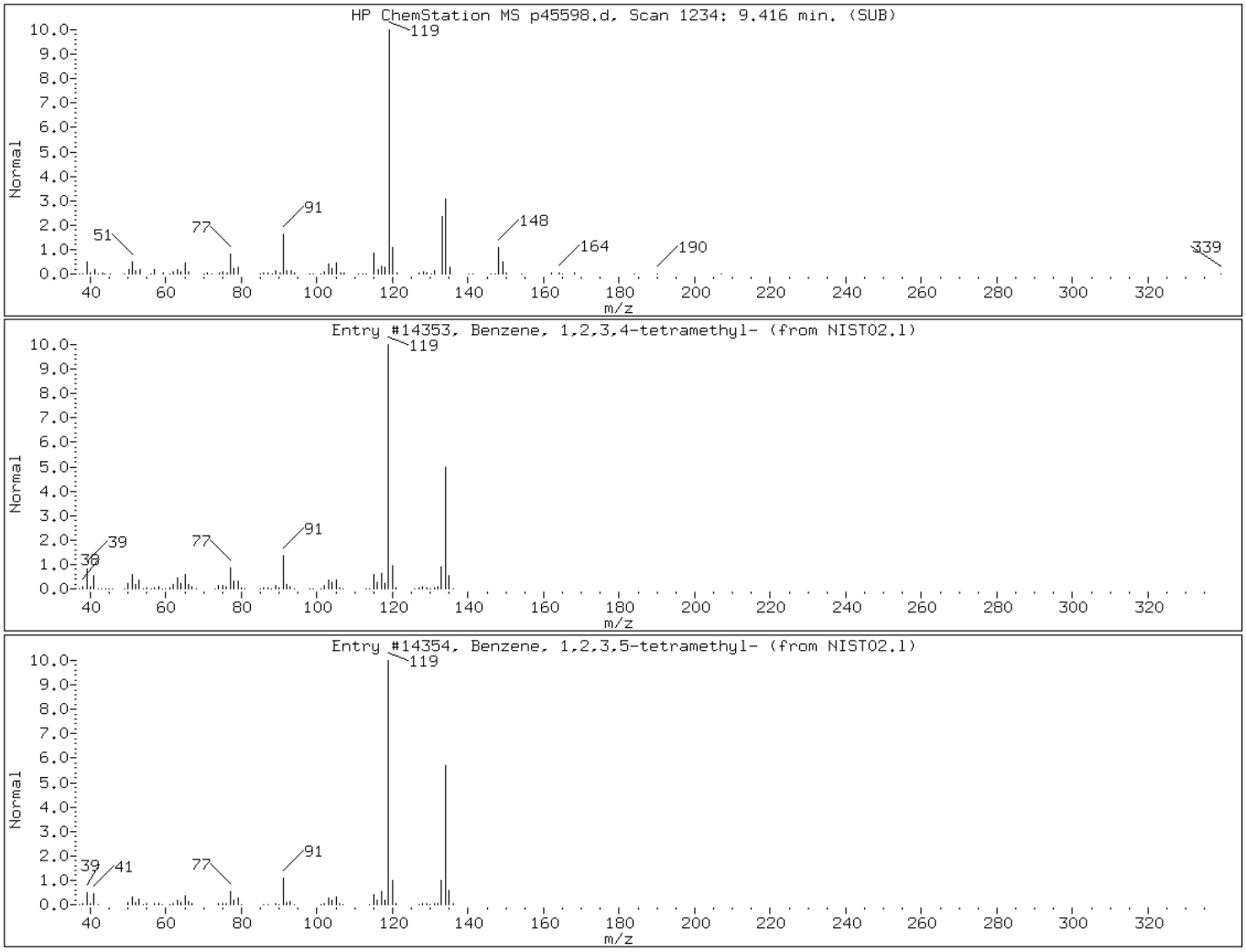
Date: 30-MAR-2011 20:32

Client ID: PMP-24-VS-E (1-3) Instrument: VOAMS13.i

Sample Info: 460-24280-D-10-A;50;;6.74;5 Operator:

Retention Time: 9.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer-1						
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14353	81	C10H14	134
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14354	81	C10H14	134



Data File: p45598.d

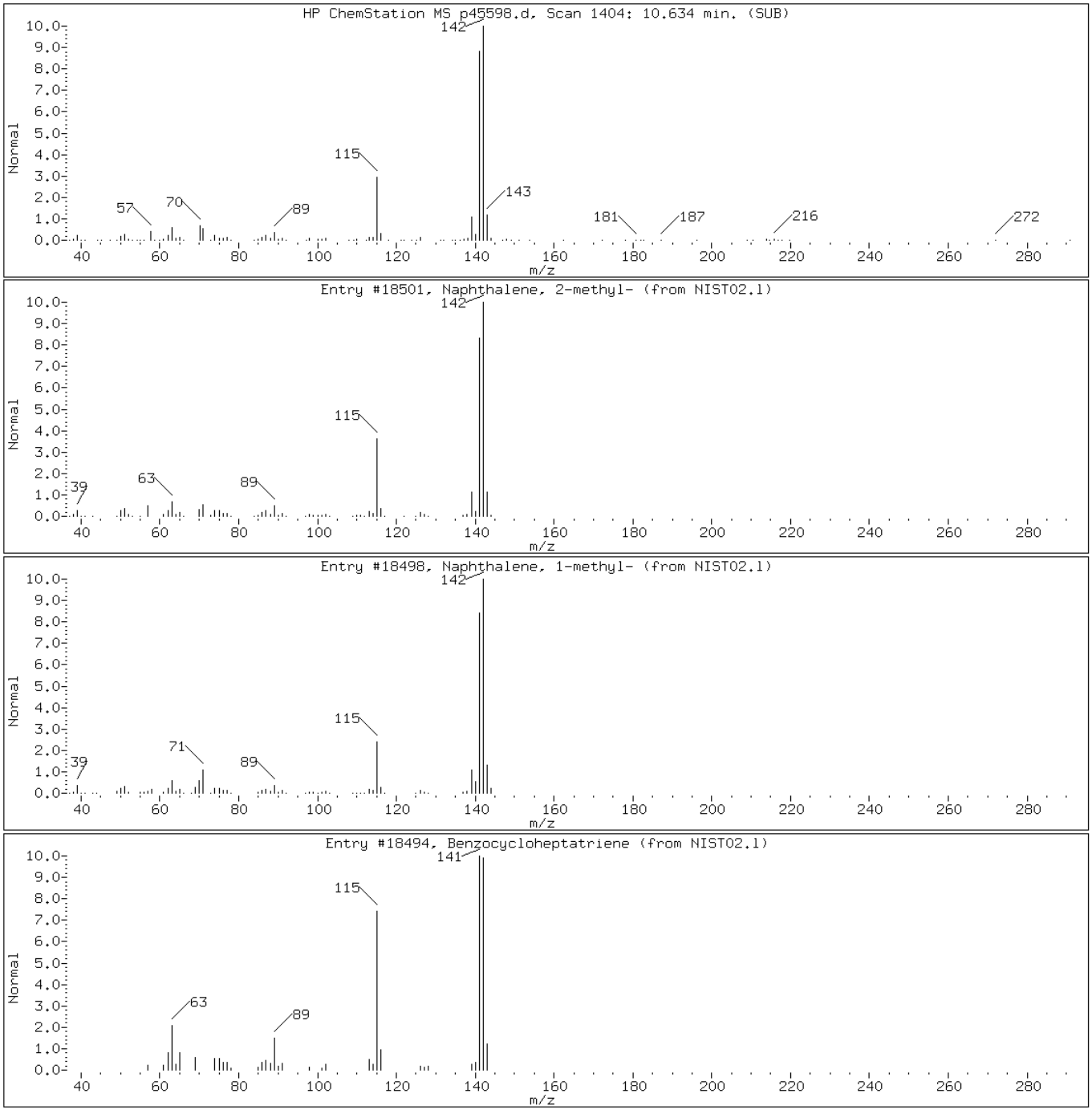
Date: 30-MAR-2011 20:32

Client ID: PMP-24-VS-E (1-3) Instrument: VOAMS13.i

Sample Info: 460-24280-D-10-A;50;;6.74;5 Operator:

Retention Time: 10.63

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 2-methyl-	91-57-6	NIST02.l	18501	95	C11H10	142
Naphthalene, 1-methyl-	90-12-0	NIST02.l	18498	94	C11H10	142
Benzocycloheptatriene	264-09-5	NIST02.l	18494	91	C11H10	142



Data File: p45598.d

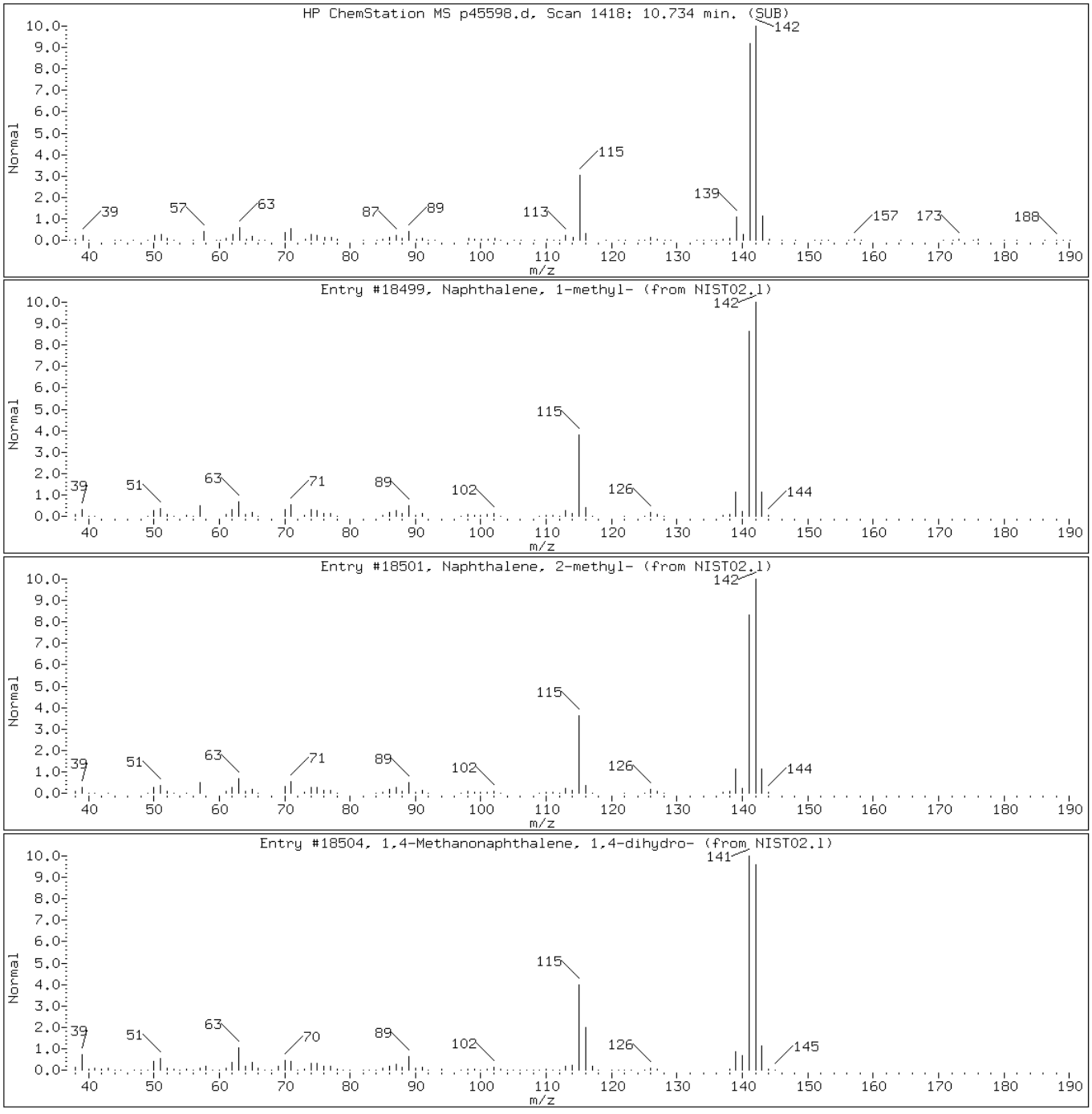
Date: 30-MAR-2011 20:32

Client ID: PMP-24-VS-E (1-3) Instrument: VOAMS13.i

Sample Info: 460-24280-D-10-A;50;;6.74;5 Operator:

Retention Time: 10.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 1-methyl-	90-12-0	NIST02.l	18499	96	C11H10	142
Naphthalene, 2-methyl-	91-57-6	NIST02.l	18501	96	C11H10	142
1,4-Methanonaphthalene, 1,4-dihydr	4453-90-1	NIST02.l	18504	91	C11H10	142



Data File: p45598.d

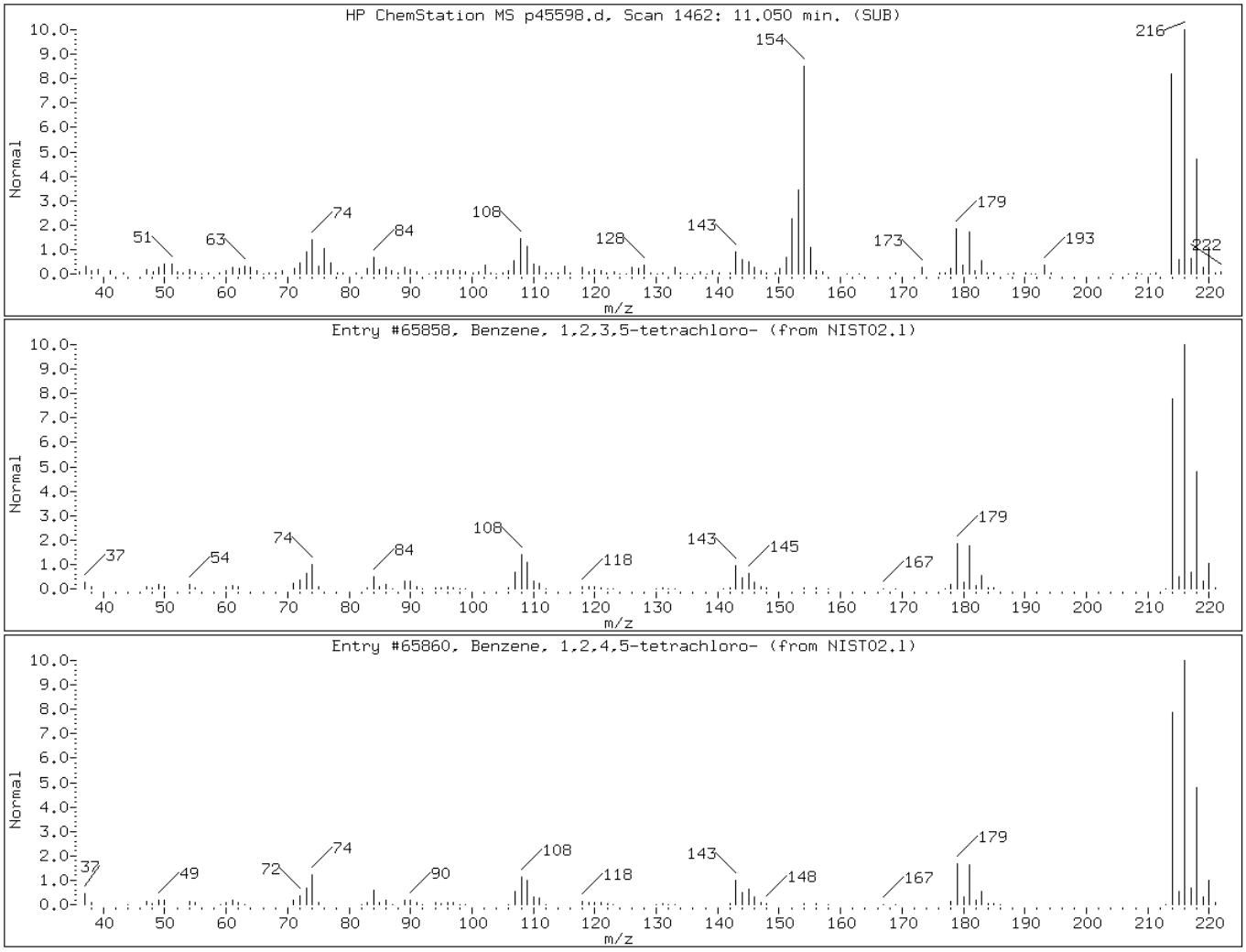
Date: 30-MAR-2011 20:32

Client ID: PMP-24-VS-E (1-3) Instrument: VOAMS13.i

Sample Info: 460-24280-D-10-A;50;;6.74;5 Operator:

Retention Time: 11.05

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachlorobenzene isomer						
Benzene, 1,2,3,5-tetrachloro-	634-90-2	NIST02.l	65858	97	C6H2Cl4	214
Benzene, 1,2,4,5-tetrachloro-	95-94-3	NIST02.l	65860	97	C6H2Cl4	214



Data File: p45598.d

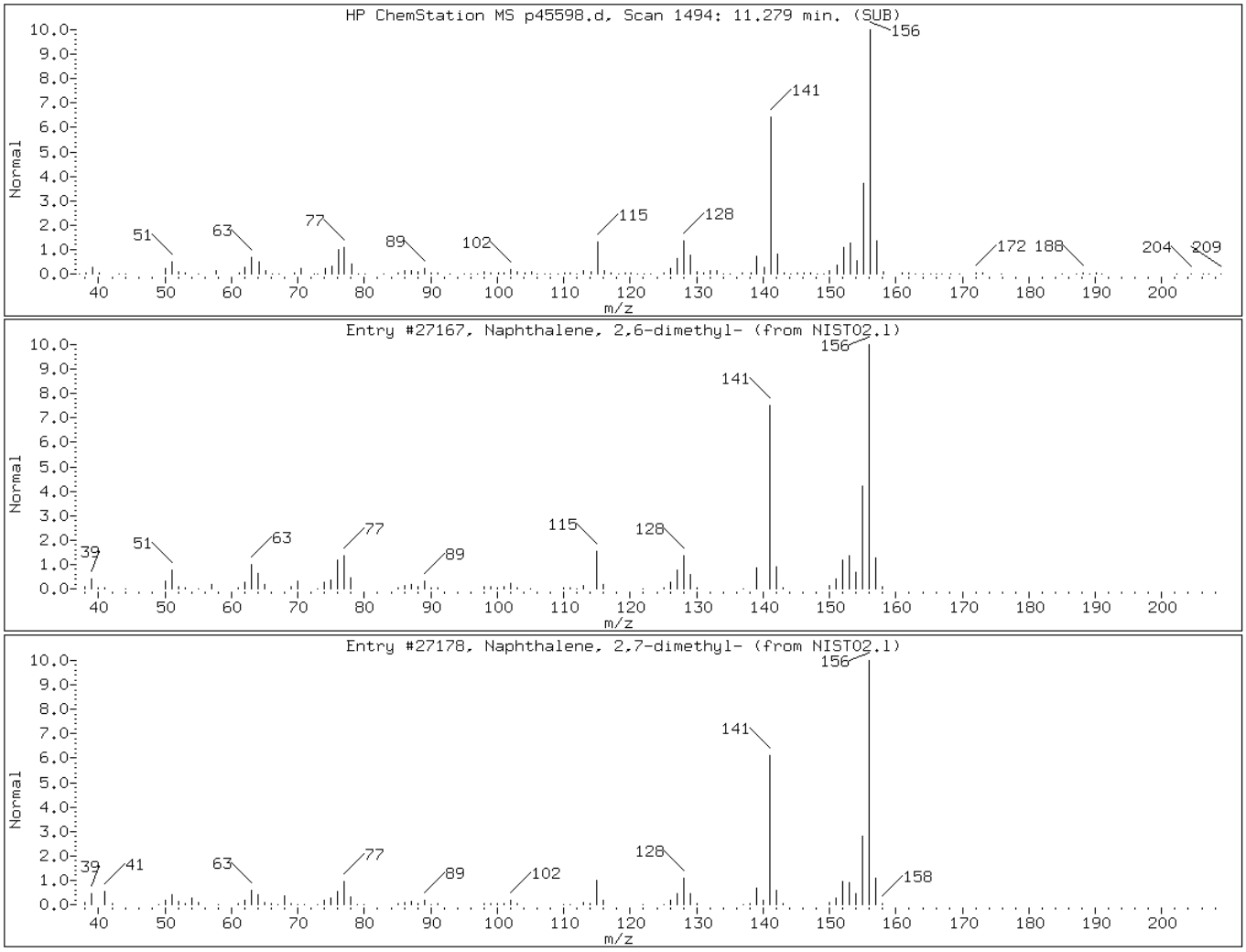
Date: 30-MAR-2011 20:32

Client ID: PMP-24-VS-E (1-3) Instrument: VOAMS13.i

Sample Info: 460-24280-D-10-A;50;;6.74;5 Operator:

Retention Time: 11.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylnaphthalene isomer						
Naphthalene, 2,6-dimethyl-	581-42-0	NIST02.l	27167	98	C12H12	156
Naphthalene, 2,7-dimethyl-	582-16-1	NIST02.l	27178	98	C12H12	156



Data File: p45598.d

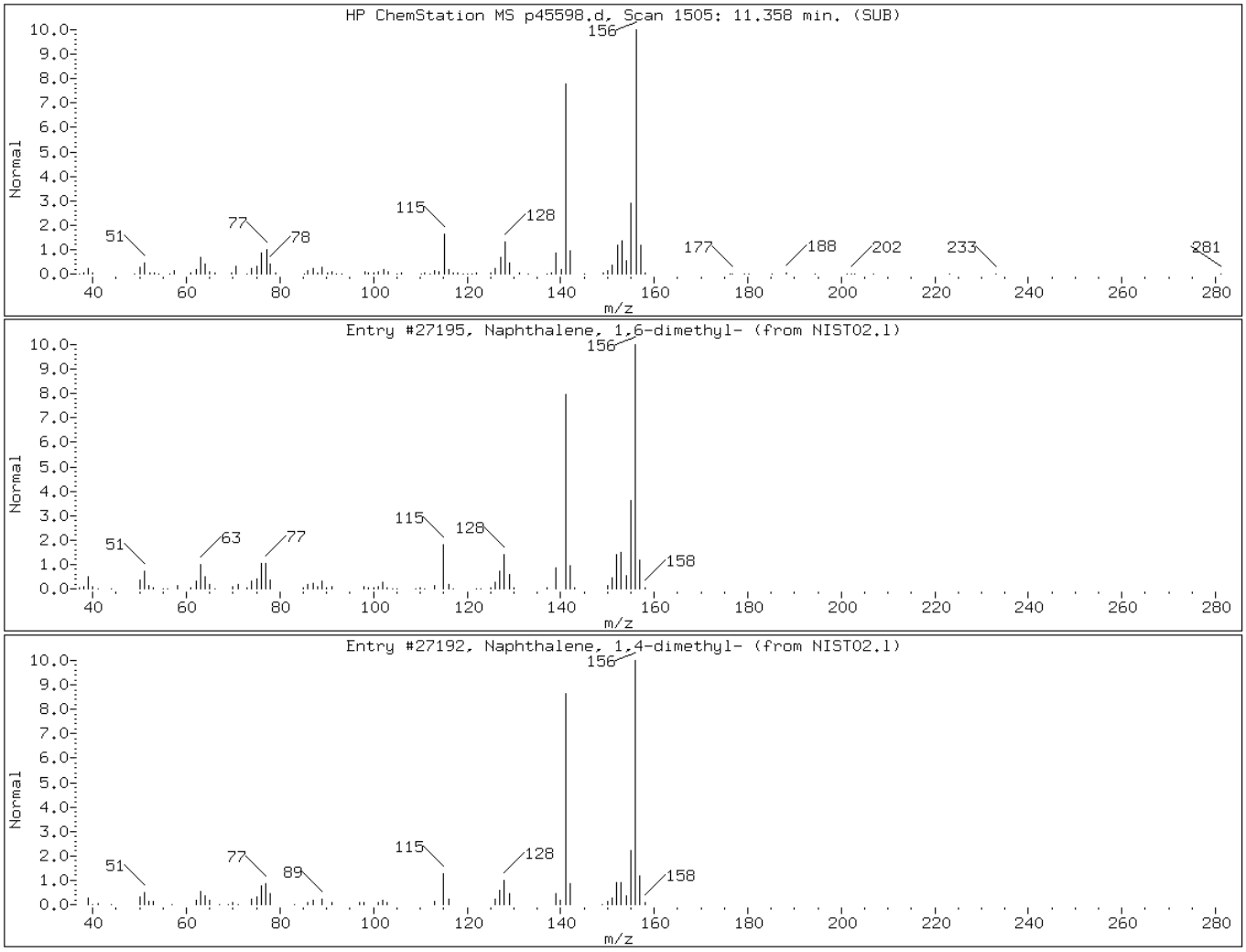
Date: 30-MAR-2011 20:32

Client ID: PMP-24-VS-E (1-3) Instrument: VOAMS13.i

Sample Info: 460-24280-D-10-A;50;;6.74;5 Operator:

Retention Time: 11.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylnaphthalene isomer-1						
Naphthalene, 1,6-dimethyl-	575-43-9	NIST02.l	27195	98	C12H12	156
Naphthalene, 1,4-dimethyl-	571-58-4	NIST02.l	27192	97	C12H12	156



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-VD-E (4.5-6.5) | Lab Sample ID: 460-24280-11

Matrix: Solid | Lab File ID: p45635.d

Analysis Method: 8260B | Date Collected: 03/17/2011 10:30

Sample wt/vol: 6.36(g) | Date Analyzed: 03/31/2011 15:39

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 200

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.6 | Level: (low/med) Medium

Analysis Batch No.: 69082 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	180	U	180	37
74-83-9	Bromomethane	180	U	180	55
75-01-4	Vinyl chloride	180	U	180	21
75-00-3	Chloroethane	180	U	180	78
75-09-2	Methylene Chloride	180	U	180	34
67-64-1	Acetone	860	J	1800	440
75-15-0	Carbon disulfide	180	U	180	26
75-69-4	Trichlorofluoromethane	180	U	180	28
75-35-4	1,1-Dichloroethene	180	U	180	25
75-34-3	1,1-Dichloroethane	180	U	180	18
156-60-5	trans-1,2-Dichloroethene	180	U	180	24
156-59-2	cis-1,2-Dichloroethene	1300		180	34
67-66-3	Chloroform	180	U	180	27
78-93-3	2-Butanone	1800	U	1800	140
107-06-2	1,2-Dichloroethane	180	U	180	43
71-55-6	1,1,1-Trichloroethane	73	J	180	43
56-23-5	Carbon tetrachloride	180	U	180	32
71-43-2	Benzene	180	U	180	21
75-25-2	Bromoform	180	U	180	17
100-42-5	Styrene	3400		180	24
100-41-4	Ethylbenzene	5300		180	43
108-90-7	Chlorobenzene	1100		180	29
110-82-7	Cyclohexane	58	J	180	22
98-82-8	Isopropylbenzene	900		180	37
591-78-6	2-Hexanone	1800	U	1800	96
1634-04-4	MTBE	180	U	180	33
76-13-1	Freon TF	370		180	51
79-20-9	Methyl acetate	350	U	350	58
123-91-1	1,4-Dioxane	8800	U	8800	1500
79-01-6	Trichloroethene	32000		180	31
108-88-3	Toluene	2000		180	17
10061-02-6	trans-1,3-Dichloropropene	180	U	180	21
108-10-1	4-Methyl-2-pentanone	1800	U	1800	120
10061-01-5	cis-1,3-Dichloropropene	180	U	180	18
95-50-1	1,2-Dichlorobenzene	2500		180	29
541-73-1	1,3-Dichlorobenzene	180	U	180	40

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-VD-E (4.5-6.5) Lab Sample ID: 460-24280-11

Matrix: Solid Lab File ID: p45635.d

Analysis Method: 8260B Date Collected: 03/17/2011 10:30

Sample wt/vol: 6.36(g) Date Analyzed: 03/31/2011 15:39

Soil Aliquot Vol: 5 (mL) Dilution Factor: 200

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.6 Level: (low/med) Medium

Analysis Batch No.: 69082 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	230		180	27
120-82-1	1,2,4-Trichlorobenzene	17000		180	77
87-61-6	1,2,3-Trichlorobenzene	3800		180	150
78-87-5	1,2-Dichloropropane	180	U	180	15
108-87-2	Methylcyclohexane	880		180	14
127-18-4	Tetrachloroethene	3800		180	34
1330-20-7	Xylenes, Total	25000		530	76
96-12-8	1,2-Dibromo-3-Chloropropane	180	U	180	27
79-34-5	1,1,2,2-Tetrachloroethane	180	U	180	15
79-00-5	1,1,2-Trichloroethane	180	U	180	17
124-48-1	Dibromochloromethane	180	U	180	18
106-93-4	1,2-Dibromoethane	180	U	180	16
75-71-8	Dichlorodifluoromethane	180	U	180	50
74-97-5	Bromochloromethane	180	U *	180	30
75-27-4	Bromodichloromethane	180	U	180	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	66		57-135
2037-26-5	Toluene-d8 (Surr)	69		46-130
460-00-4	Bromofluorobenzene	80		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-VD-E (4.5-6.5) Lab Sample ID: 460-24280-11

Matrix: Solid Lab File ID: p45635.d

Analysis Method: 8260B Date Collected: 03/17/2011 10:30

Sample wt/vol: 6.36(g) Date Analyzed: 03/31/2011 15:39

Soil Aliquot Vol: 5 (mL) Dilution Factor: 200

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.18(mm)

% Moisture: 10.6 Level: (low/med) Medium

Analysis Batch No.: 69082 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 82700

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Ethylmethylbenzene isomer	7.63	5000	J
95-63-6	1,2,4-Trimethylbenzene	8.03	7200	
	Ethylmethylbenzene isomer-1	8.36	5000	J
	Ethyldimethylbenzene isomer	8.55	5200	J
	Tetramethylbenzene isomer-1	9.42	5200	J
91-20-3	Naphthalene	9.90	15000	
91-57-6	Naphthalene, 2-methyl-	10.63	18000	J N
90-12-0	Naphthalene, 1-methyl-	10.73	7800	J N
	Dimethylnaphthalene isomer	11.28	5300	J
	Dimethylnaphthalene isomer-1	11.36	9000	J

Data File: /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45635.d
Report Date: 31-Mar-2011 16:39

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45635.d
Lab Smp Id: 460-24280-D-11-A Client Smp ID: PMP-24-VD-E (4.5-6.
Inj Date : 31-MAR-2011 15:39
Operator : Inst ID: VOAMS13.i
Smp Info : 460-24280-D-11-A;200;;6.36;5
Misc Info : 460-24280-D-11-A
Comment   :
Method   : /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/8260_09.m
Meth Date : 31-Mar-2011 12:56 desais Quant Type: ISTD
Cal Date : 03-MAR-2011 04:37 Cal File: p44665.d
Als bottle: 10
Dil Factor: 200.00000
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	200.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	6.36000	Weight of sample extracted (g)
M	10.59850	% 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)
	14 Freon TF	101	1.208	1.208	(0.407)	5789	2.09550	370
	16 Acetone	58	1.480	1.480	(0.498)	1287	4.87265	860(a)
	36 cis-1,2-Dichloroethene	96	2.132	2.132	(0.718)	26358	7.58996	1300
	43 1,1,1-Trichloroethane	97	2.418	2.411	(0.814)	2045	0.41767	73(aH)
	44 Cyclohexane	56	2.239	2.232	(0.754)	1797	0.32802	58(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	2.769	2.769	(0.932)	30836	8.29158	1400
*	52 Fluorobenzene	96	2.970	2.970	(1.000)	704797	50.0000	
	54 Trichloroethene	95	3.099	3.099	(1.043)	574021	179.246	32000
	56 Methyl cyclohexane	83	3.077	3.070	(1.036)	22461	4.99480	880(H)
$	65 Toluene-d8 (SUR)	98	4.374	4.374	(0.714)	110477	8.64058	1500
	66 Toluene	91	4.424	4.424	(0.722)	181008	11.5424	2000
	71 Tetrachloroethene	166	4.811	4.811	(0.785)	76757	21.4756	3800
*	78 Chlorobenzene-d5	117	6.129	6.129	(1.000)	564367	50.0000	
	79 Chlorobenzene	112	6.150	6.150	(1.004)	59733	6.07924	1100

Data File: /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45635.d
Report Date: 31-Mar-2011 16:39

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	81 Ethylbenzene	106	6.229	6.236	(1.016)	156694	30.2605	5300
	82 m+p-Xylene	106	6.415	6.415	(1.047)	741696	111.917	20000
	84 o-Xylene	106	6.845	6.845	(1.117)	197620	31.8540	5600
	85 Styrene	104	6.910	6.910	(1.127)	230914	19.4007	3400
	88 Isopropylbenzene	105	7.167	7.167	(1.169)	75433	5.11769	900
$	89 Bromofluorobenzene (SUR)	174	7.390	7.390	(0.890)	46313	9.98291	1800
	95 n-Propylbenzene	91	7.533	7.533	(0.908)	97504	5.02110	880
	97 1,3,5-Trimethylbenzene	105	7.726	7.726	(0.931)	208588	15.4398	2700
	100 tert-Butylbenzene	119	7.963	7.963	(0.959)	3230	0.29731	52(a)
	101 1,2,4-Trimethylbenzene	105	8.027	8.027	(0.967)	589513	40.8574	7200
	103 sec-Butylbenzene	105	8.106	8.106	(0.977)	39088	2.46464	430
*	108 1,4-Dichlorobenzene-d4	152	8.299	8.299	(1.000)	328983	50.0000	
	109 1,4-Dichlorobenzene	146	8.306	8.314	(1.001)	11272	1.27991	220
	111 1,2-Dichlorobenzene	146	8.614	8.614	(1.038)	116787	14.4738	2500
	114 1,2,4-Trichlorobenzene	180	9.689	9.689	(1.167)	513932	94.8334	17000
	116 Naphthalene	128	9.904	9.904	(1.193)	976440	84.1350	15000
	117 1,2,3-Trichlorobenzene	180	10.033	10.033	(1.209)	99876	21.8683	3800
M	120 1,2-Dichloroethene (Total)	100				26358	8.37066	1500
M	121 Xylene (Total)	100				939316	143.771	25000

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45635.d
Report Date: 31-Mar-2011 16:39

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45635.d
Lab Smp Id: 460-24280-D-11-A Client Smp ID: PMP-24-VD-E (4.5-6.
Inj Date : 31-MAR-2011 15:39
Operator : Inst ID: VOAMS13.i
Smp Info : 460-24280-D-11-A;200;;6.36;5
Misc Info : 460-24280-D-11-A
Comment   :
Method   : /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/8260_09.m
Meth Date : 31-Mar-2011 12:56 desais Quant Type: ISTD
Cal Date : 03-MAR-2011 04:37 Cal File: p44665.d
Als bottle: 10
Dil Factor: 200.00000
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	200.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	6.36000	Weight of sample extracted (g)
M	10.59850	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 108 1,4-Dichlorobenzene-d4	8.299	2030840	50.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Ethylmethylbenzene isomer					CAS #:		
7.633	1154603	28.4267234	5000	0		0	108
Ethylmethylbenzene isomer-1					CAS #:		
8.357	1165127	28.6858393	5000	0		0	108

Data File: /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45635.d
Report Date: 31-Mar-2011 16:39

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Ethyldimethylbenzene isomer					CAS #:		
8.550	1199865	29.5410942	5200	0		0	108
Ethyldimethylbenzene isomer-1					CAS #:		
8.765	845187	20.8088040	3600	0		0	108
Ethyldimethylbenzene isomer-2					CAS #:		
8.815	916564	22.5661310	4000	0		0	108
Tetramethylbenzene isomer					CAS #:		
9.137	784728	19.3202691	3400	0		0	108
Unknown Aromatic					CAS #:		
9.273	1106776	27.2492013	4800	0		0	108
C10H12 Aromatic					CAS #:		
9.395	1151872	28.3594807	5000	0		0	108
Tetramethylbenzene isomer-1					CAS #:		
9.417	1193274	29.3788270	5200	0		0	108
Unknown					CAS #:		
9.474	1029244	25.3403566	4400	0		0	108
2,3-dihydro-dimethyl-1H-Indene isomer					CAS #:		
10.169	916188	22.5568665	4000	0		0	108
Naphthalene, 2-methyl-					CAS #: 91-57-6		
10.634	4159949	102.419408	18000	96	NIST02.l	18501	108(L)
Naphthalene, 1-methyl-					CAS #: 90-12-0		
10.735	1812144	44.6156091	7800	96	NIST02.l	18499	108
Dimethylnaphthalene isomer					CAS #:		
11.279	1228746	30.2521506	5300	0		0	108
Dimethylnaphthalene isomer-1					CAS #:		
11.358	2072662	51.0296722	9000	0		0	108

QC Flag Legend

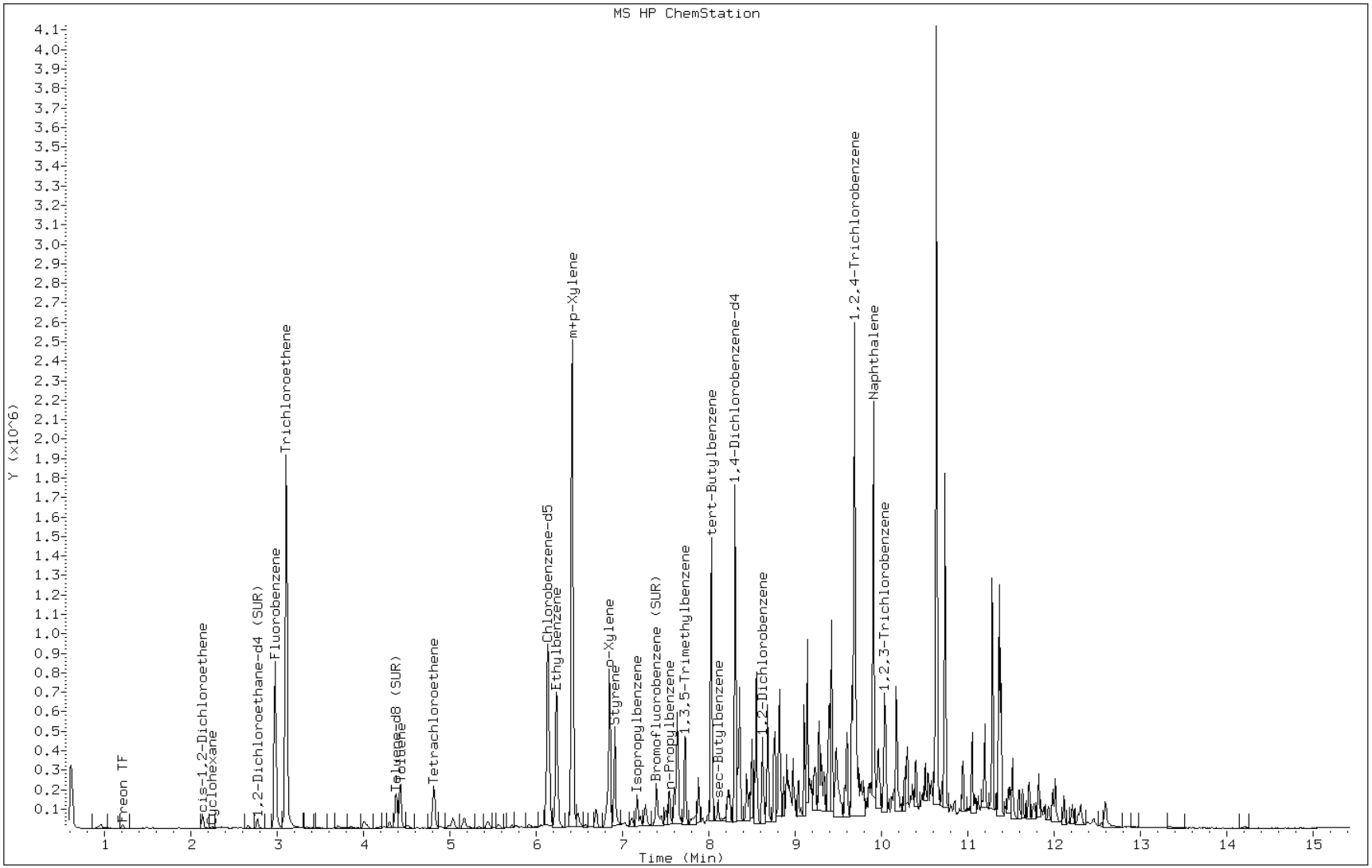
L - Operator selected an alternate library search match.

Data File: p45635.d

Date: 31-MAR-2011 15:39

Client ID: PMP-24-VD-E (4.5-6. Instrument: VOAMS13.i

Sample Info: 460-24280-D-11-A;200;;6.36;5 Operator:



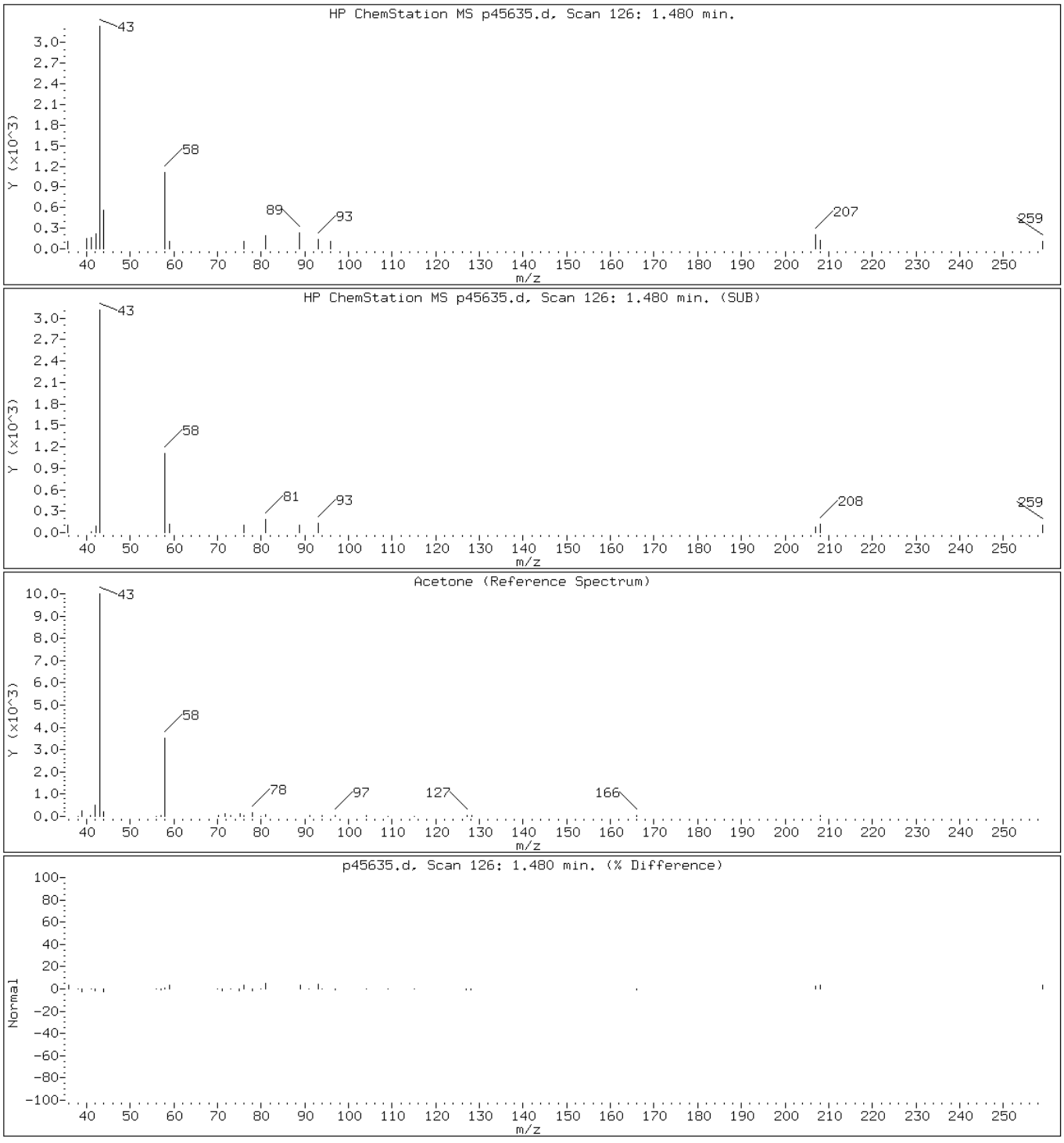
Data File: p45635.d

Date: 31-MAR-2011 15:39

Client ID: PMP-24-VD-E (4.5-6. Instrument: VOAMS13.i

Sample Info: 460-24280-D-11-A;200;;6.36;5 Operator:

16 Acetone



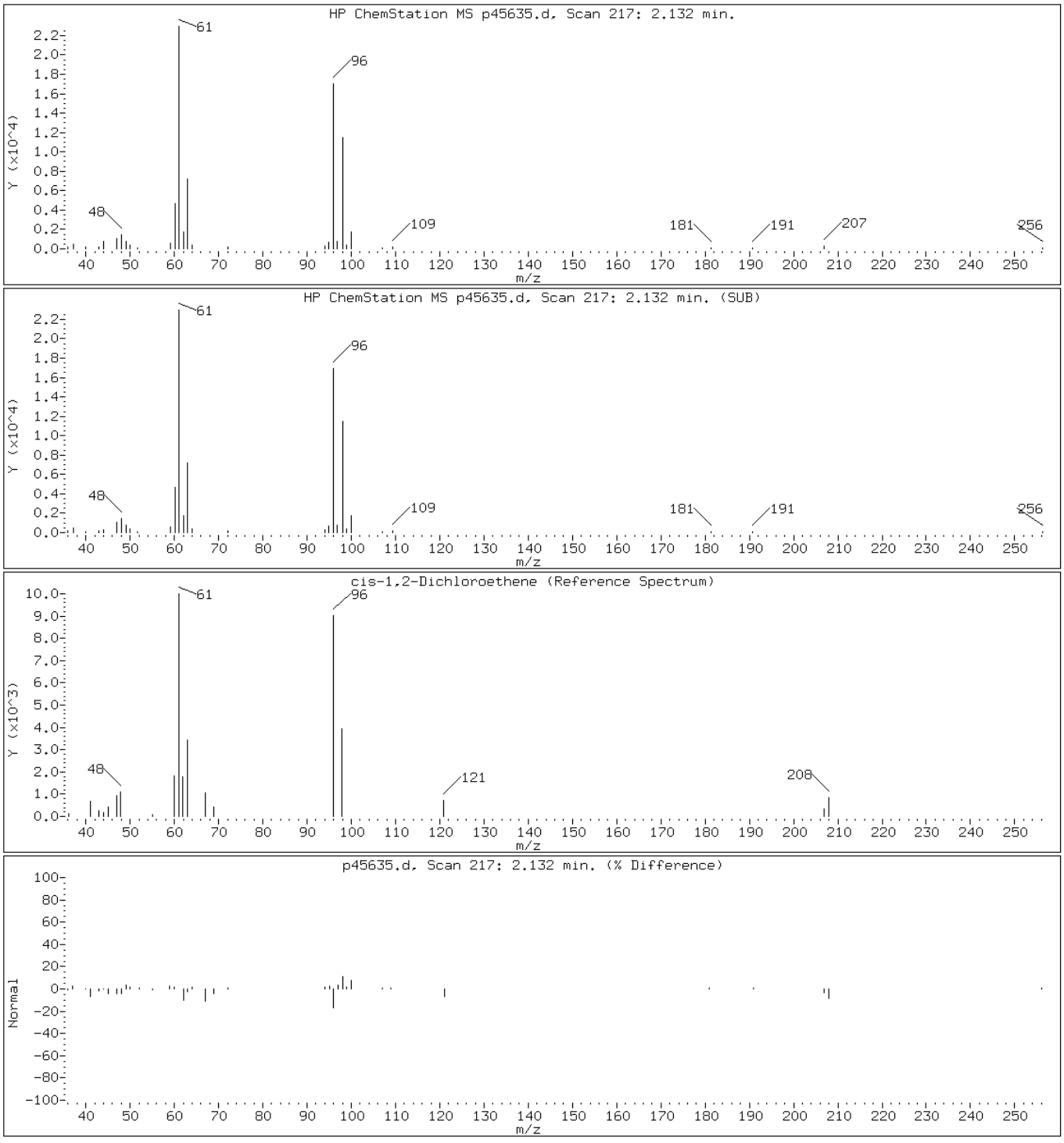
Data File: p45635.d

Date: 31-MAR-2011 15:39

Client ID: PMP-24-VD-E (4.5-6. Instrument: VOAMS13.i

Sample Info: 460-24280-D-11-A;200;;6.36;5 Operator:

36 cis-1,2-Dichloroethene



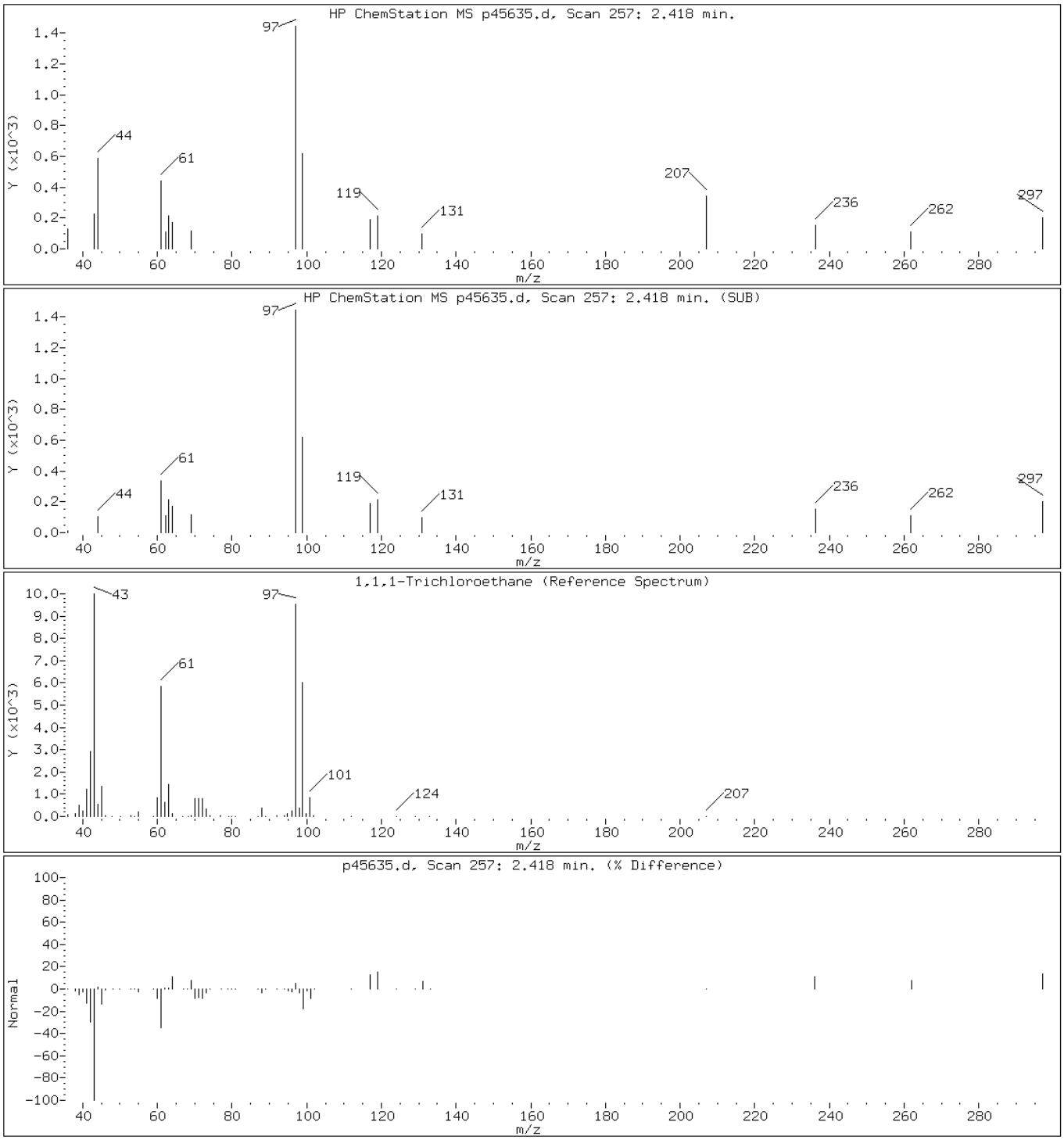
Data File: p45635.d

Date: 31-MAR-2011 15:39

Client ID: PMP-24-VD-E (4.5-6. Instrument: VOAMS13.i

Sample Info: 460-24280-D-11-A;200;;6.36;5 Operator:

43 1,1,1-Trichloroethane



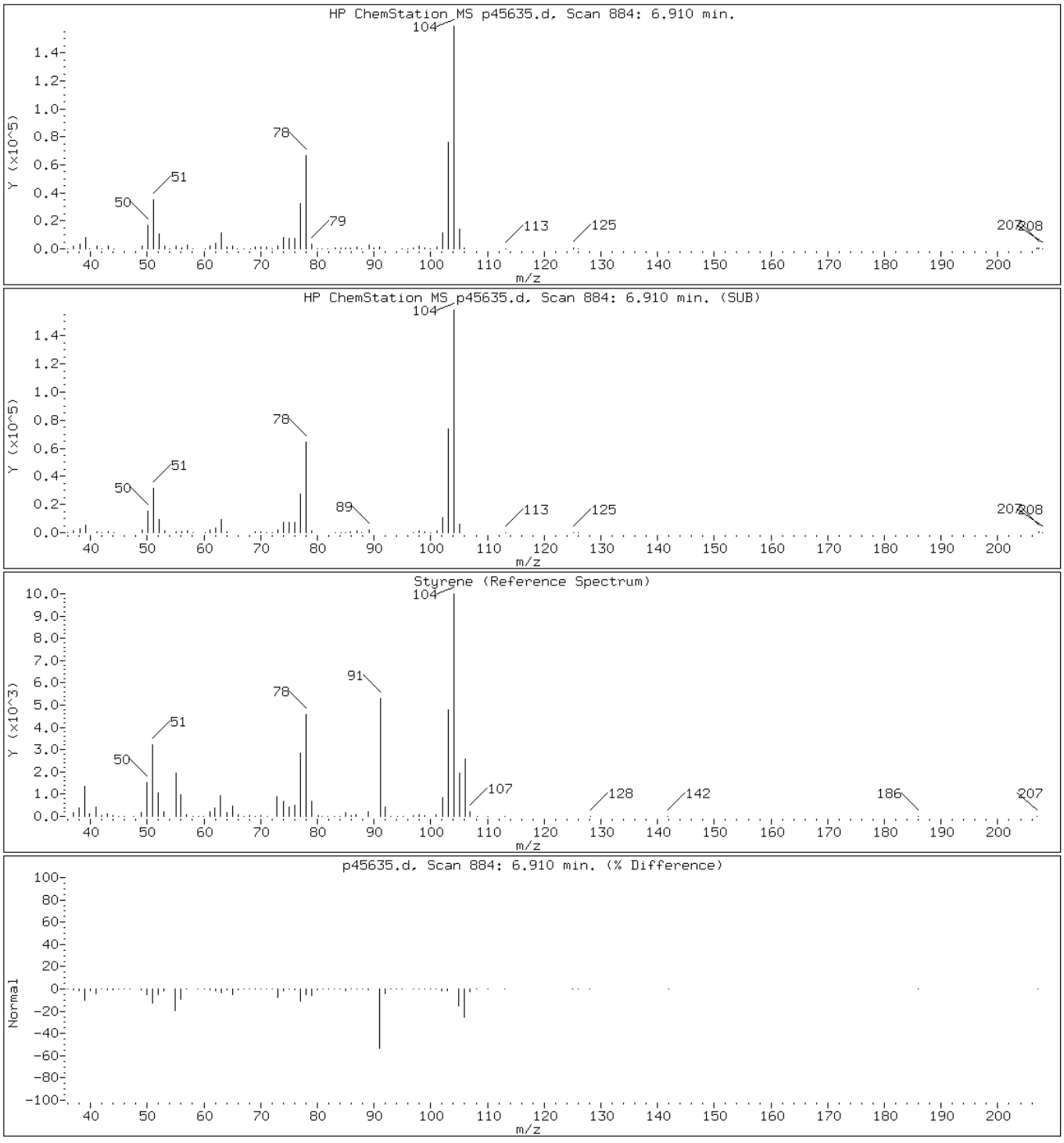
Data File: p45635.d

Date: 31-MAR-2011 15:39

Client ID: PMP-24-VD-E (4.5-6. Instrument: VOAMS13.i

Sample Info: 460-24280-D-11-A;200;;6.36;5 Operator:

85 Styrene



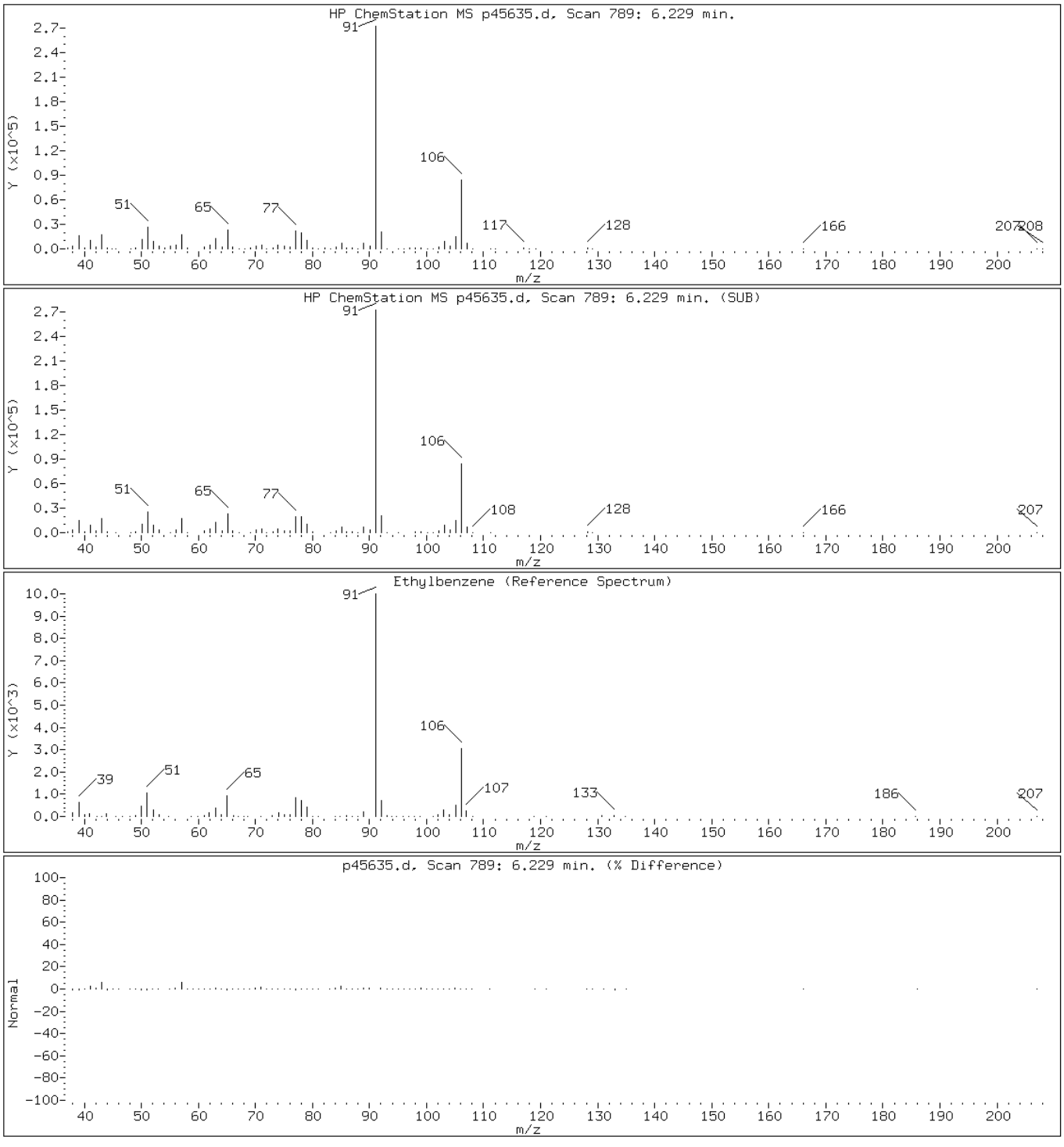
Data File: p45635.d

Date: 31-MAR-2011 15:39

Client ID: PMP-24-VD-E (4.5-6. Instrument: VOAMS13.i

Sample Info: 460-24280-D-11-A;200;;6.36;5 Operator:

81 Ethylbenzene



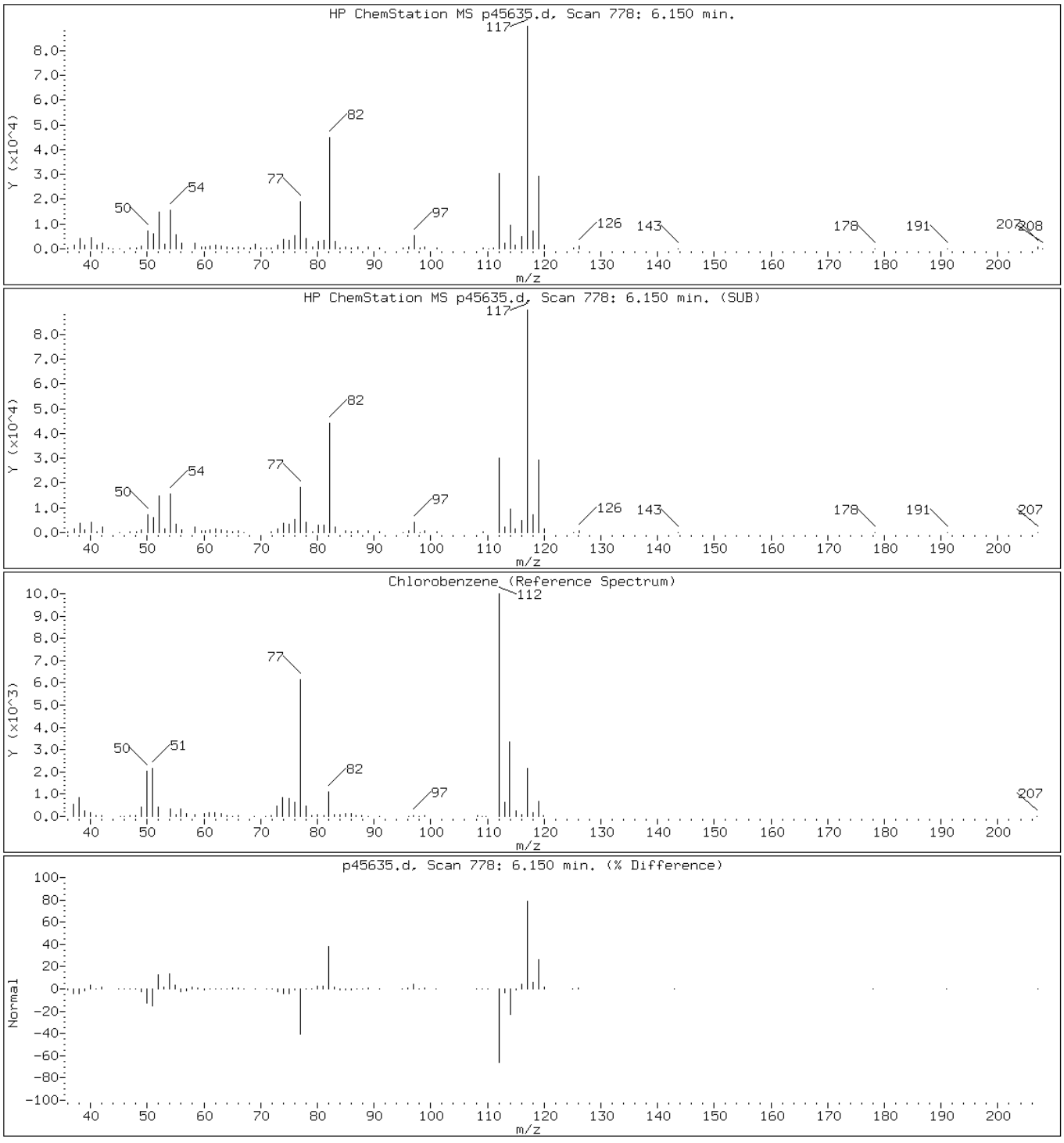
Data File: p45635.d

Date: 31-MAR-2011 15:39

Client ID: PMP-24-VD-E (4.5-6. Instrument: VOAMS13.i

Sample Info: 460-24280-D-11-A;200;;6.36;5 Operator:

79 Chlorobenzene



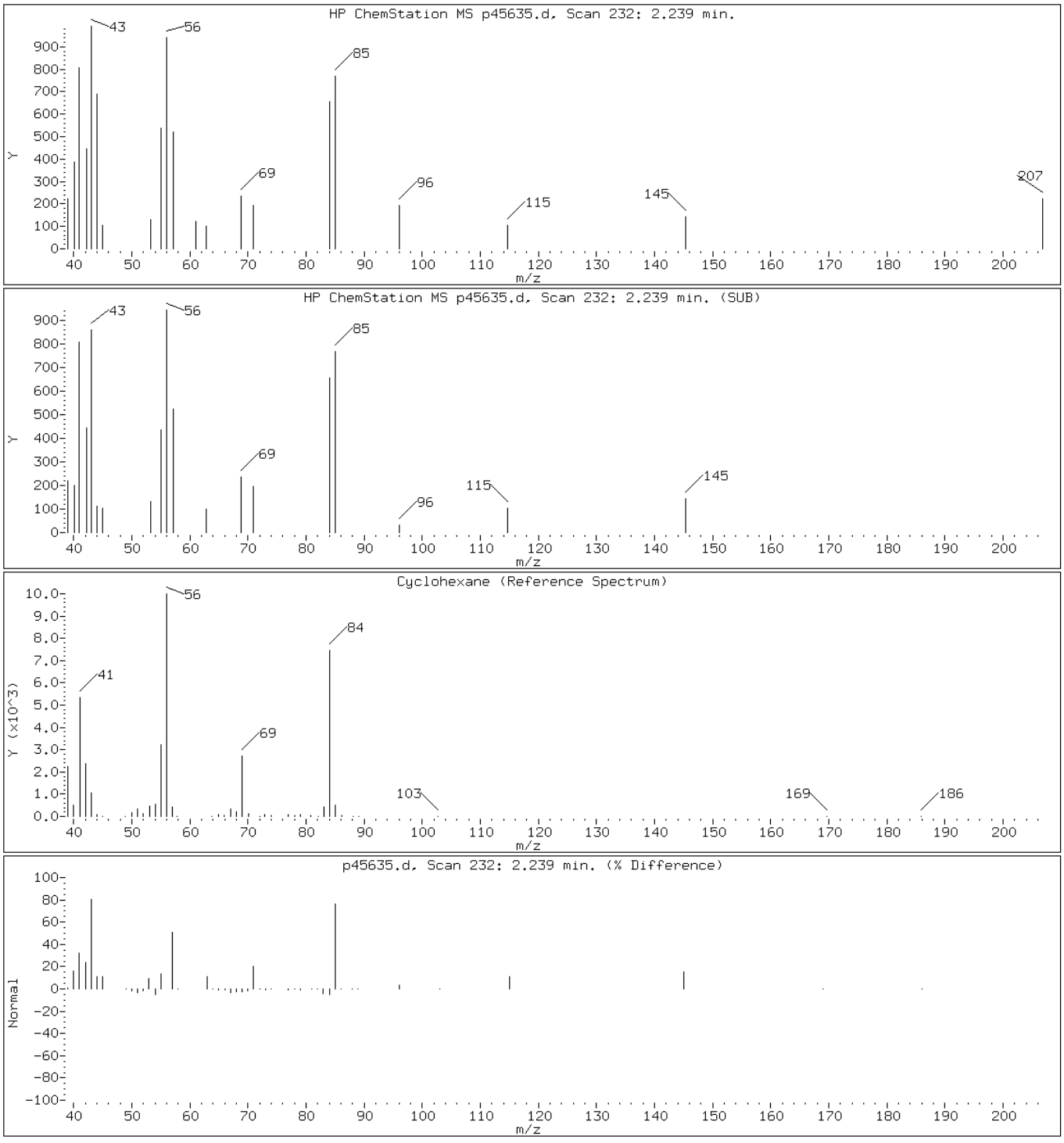
Data File: p45635.d

Date: 31-MAR-2011 15:39

Client ID: PMP-24-VD-E (4.5-6. Instrument: VOAMS13.i

Sample Info: 460-24280-D-11-A;200;;6.36;5 Operator:

44 Cyclohexane



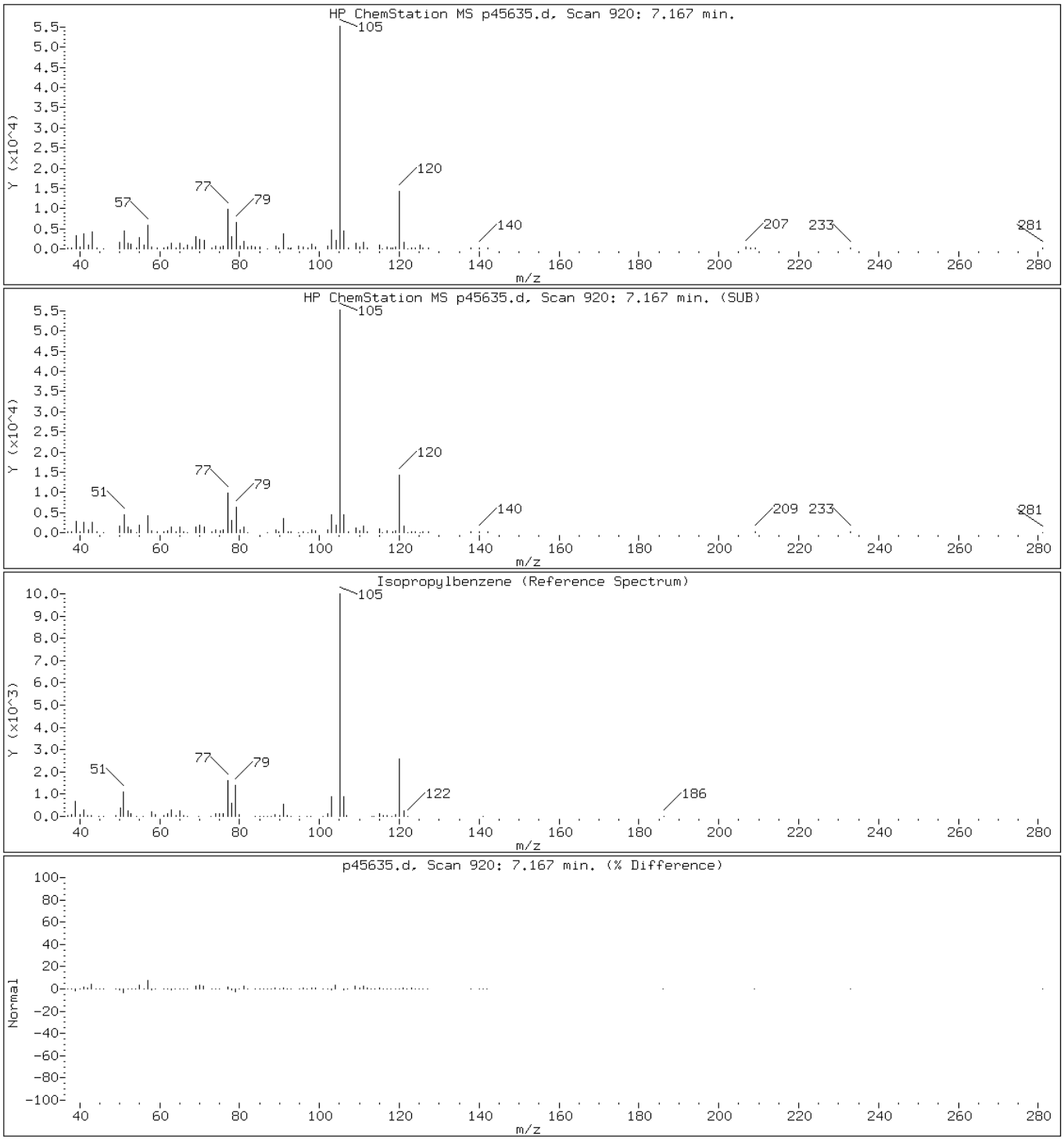
Data File: p45635.d

Date: 31-MAR-2011 15:39

Client ID: PMP-24-VD-E (4.5-6. Instrument: VOAMS13.i

Sample Info: 460-24280-D-11-A;200;;6.36;5 Operator:

88 Isopropylbenzene



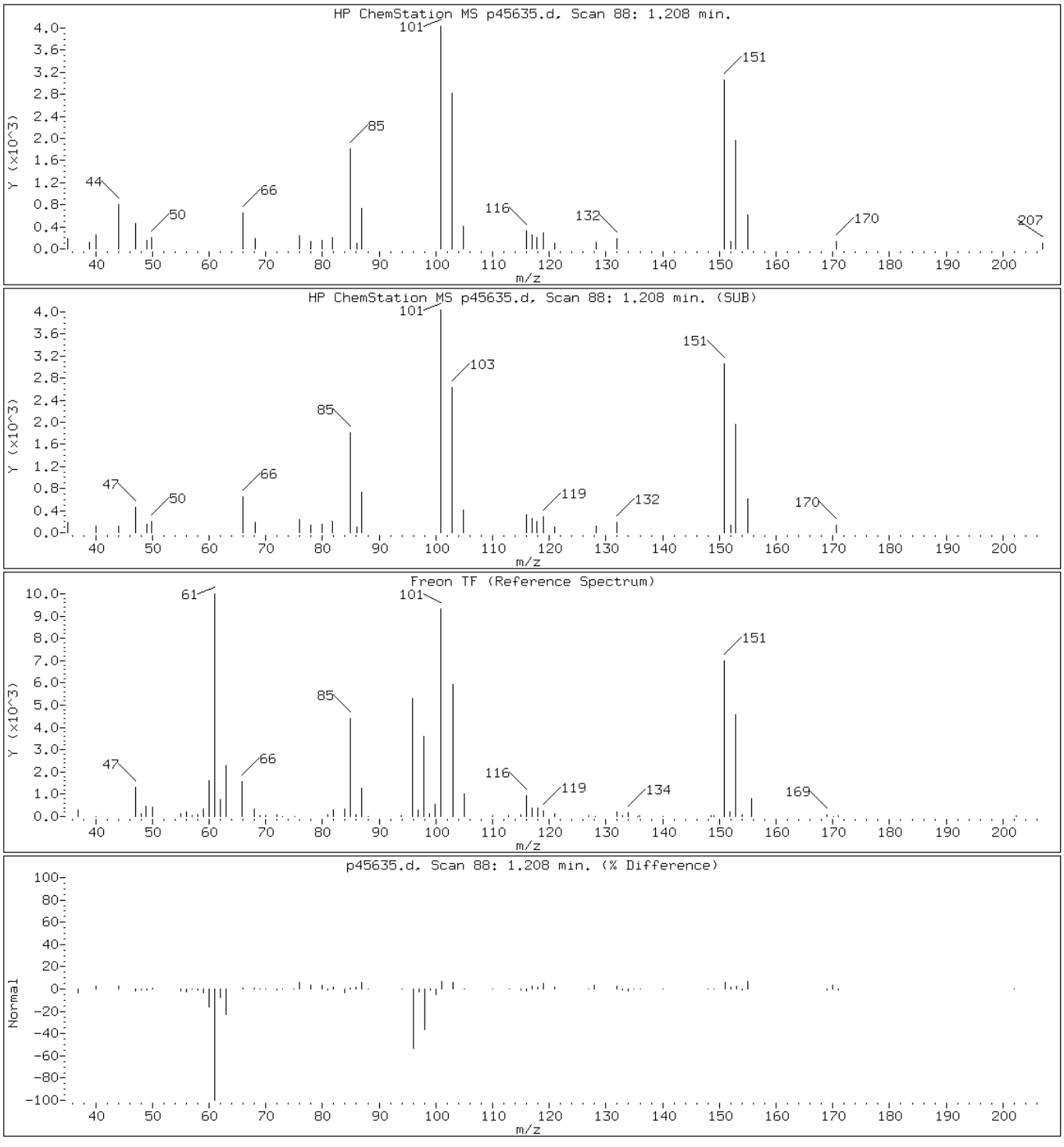
Data File: p45635.d

Date: 31-MAR-2011 15:39

Client ID: PMP-24-VD-E (4.5-6. Instrument: VOAMS13.i

Sample Info: 460-24280-D-11-A;200;;6.36;5 Operator:

14 Freon TF



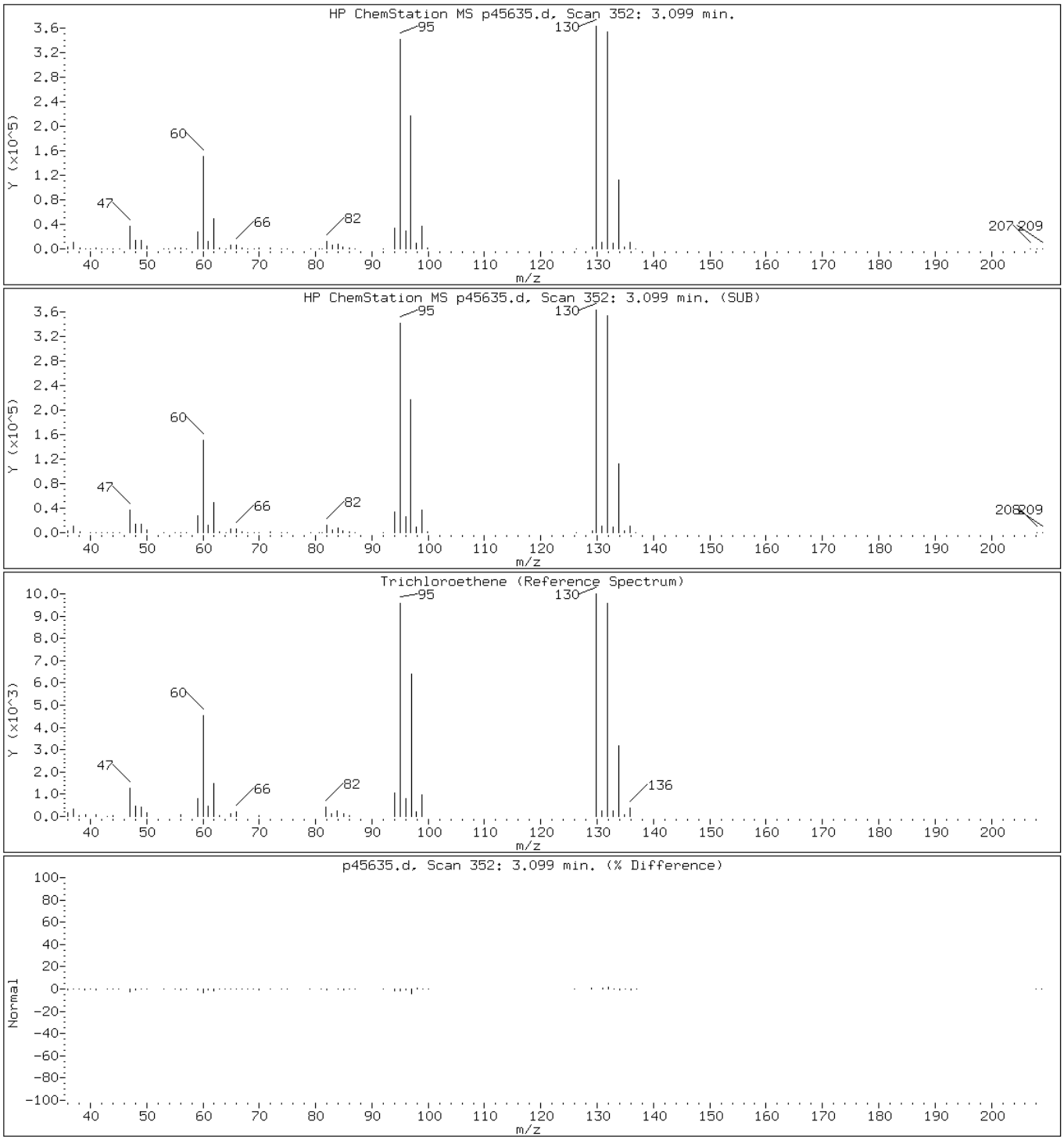
Data File: p45635.d

Date: 31-MAR-2011 15:39

Client ID: PMP-24-VD-E (4.5-6. Instrument: VOAMS13.i

Sample Info: 460-24280-D-11-A;200;;6.36;5 Operator:

54 Trichloroethene



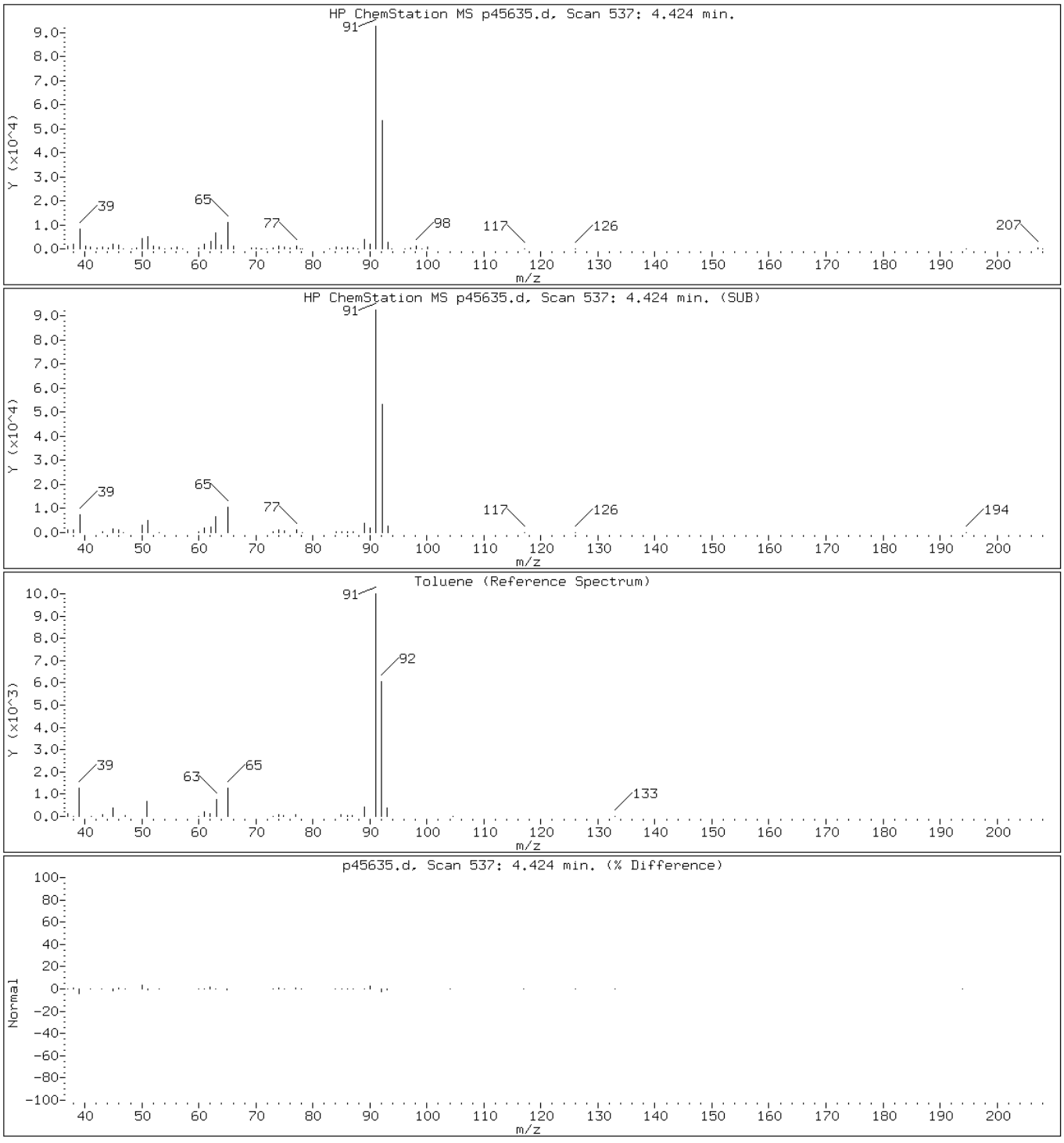
Data File: p45635.d

Date: 31-MAR-2011 15:39

Client ID: PMP-24-VD-E (4.5-6. Instrument: VOAMS13.i

Sample Info: 460-24280-D-11-A;200;;6.36;5 Operator:

66 Toluene



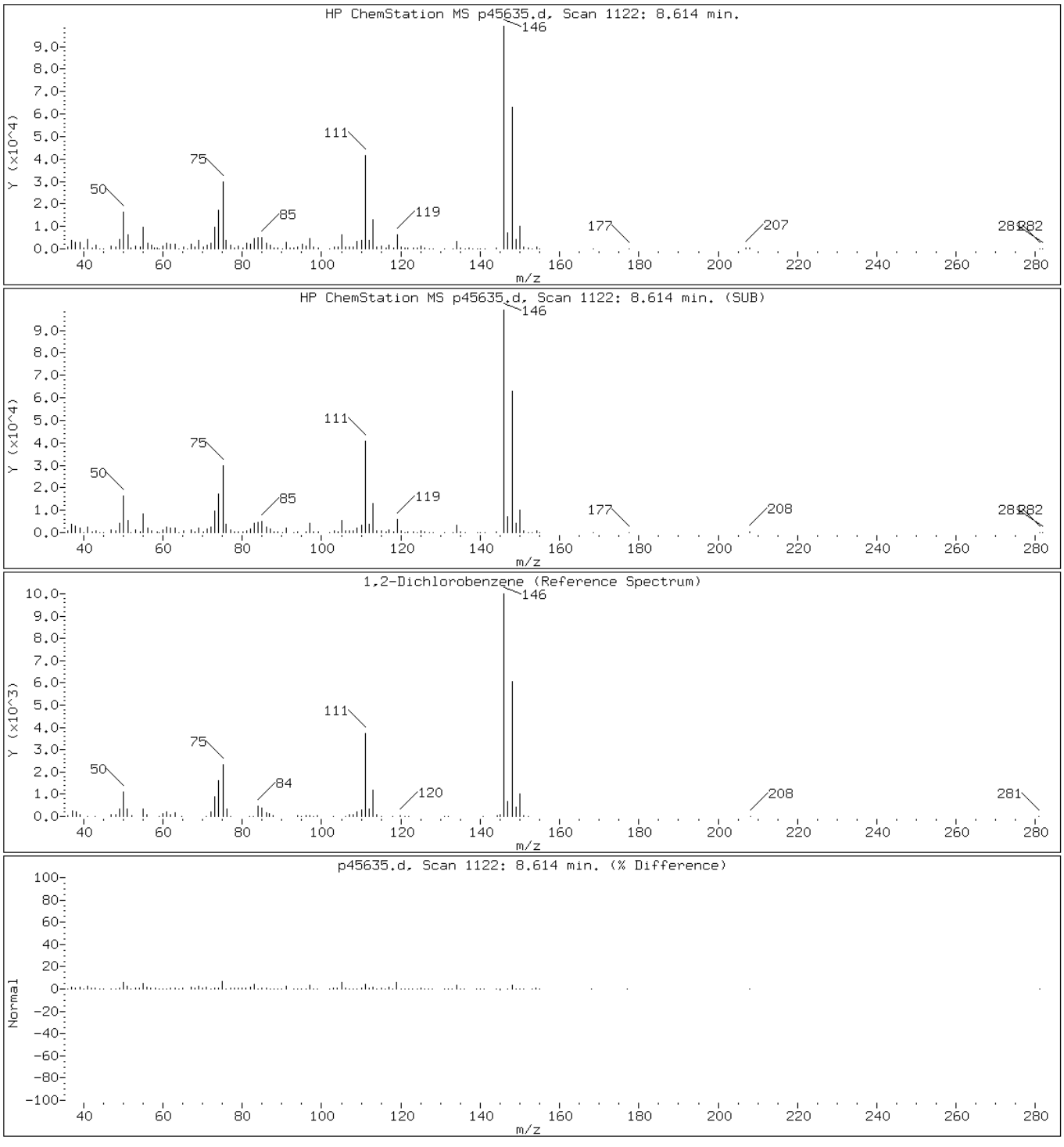
Data File: p45635.d

Date: 31-MAR-2011 15:39

Client ID: PMP-24-VD-E (4.5-6. Instrument: VOAMS13.i

Sample Info: 460-24280-D-11-A;200;;6.36;5 Operator:

111 1,2-Dichlorobenzene



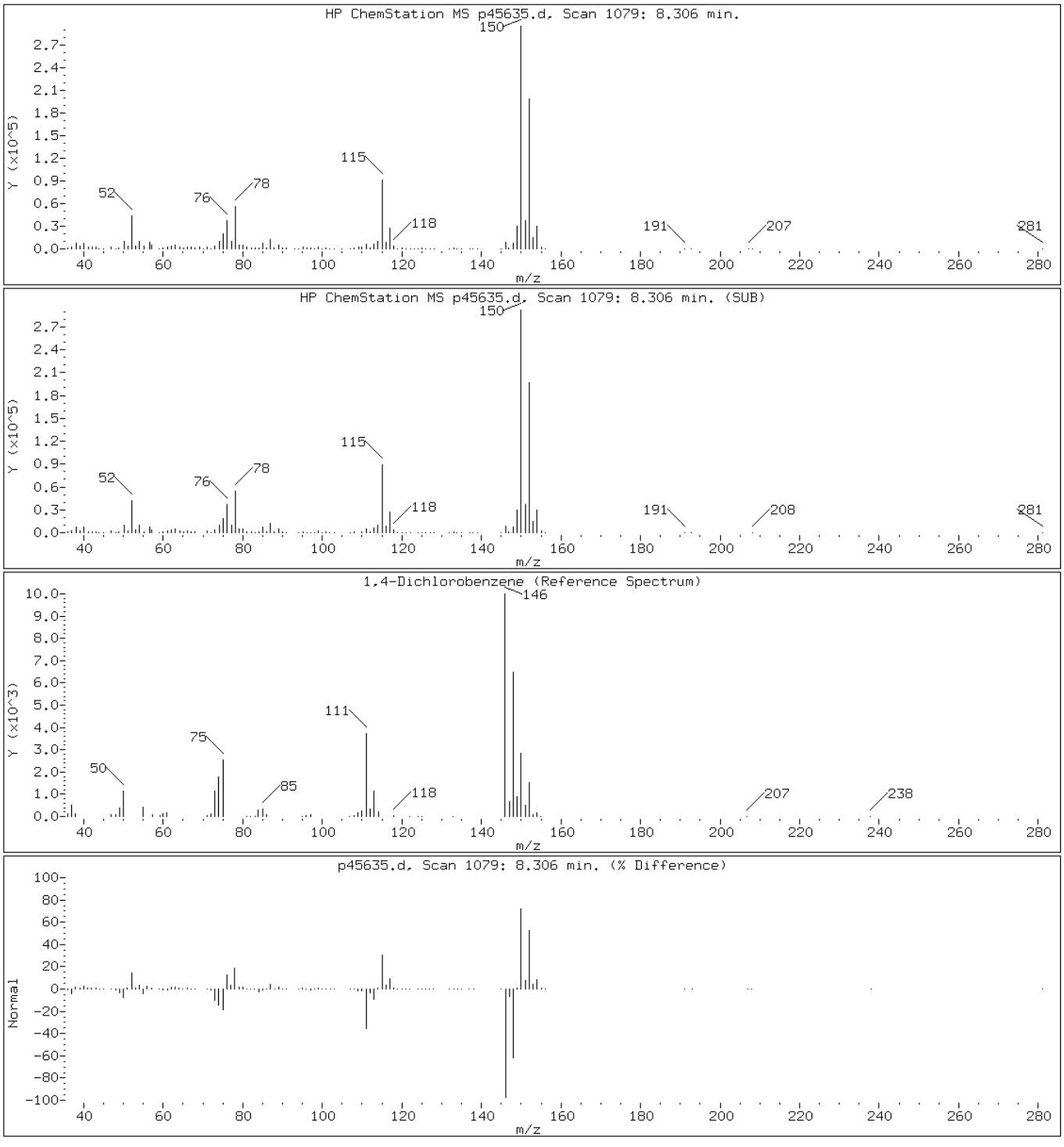
Data File: p45635.d

Date: 31-MAR-2011 15:39

Client ID: PMP-24-VD-E (4.5-6. Instrument: VOAMS13.i

Sample Info: 460-24280-D-11-A;200;;6.36;5 Operator:

109 1,4-Dichlorobenzene



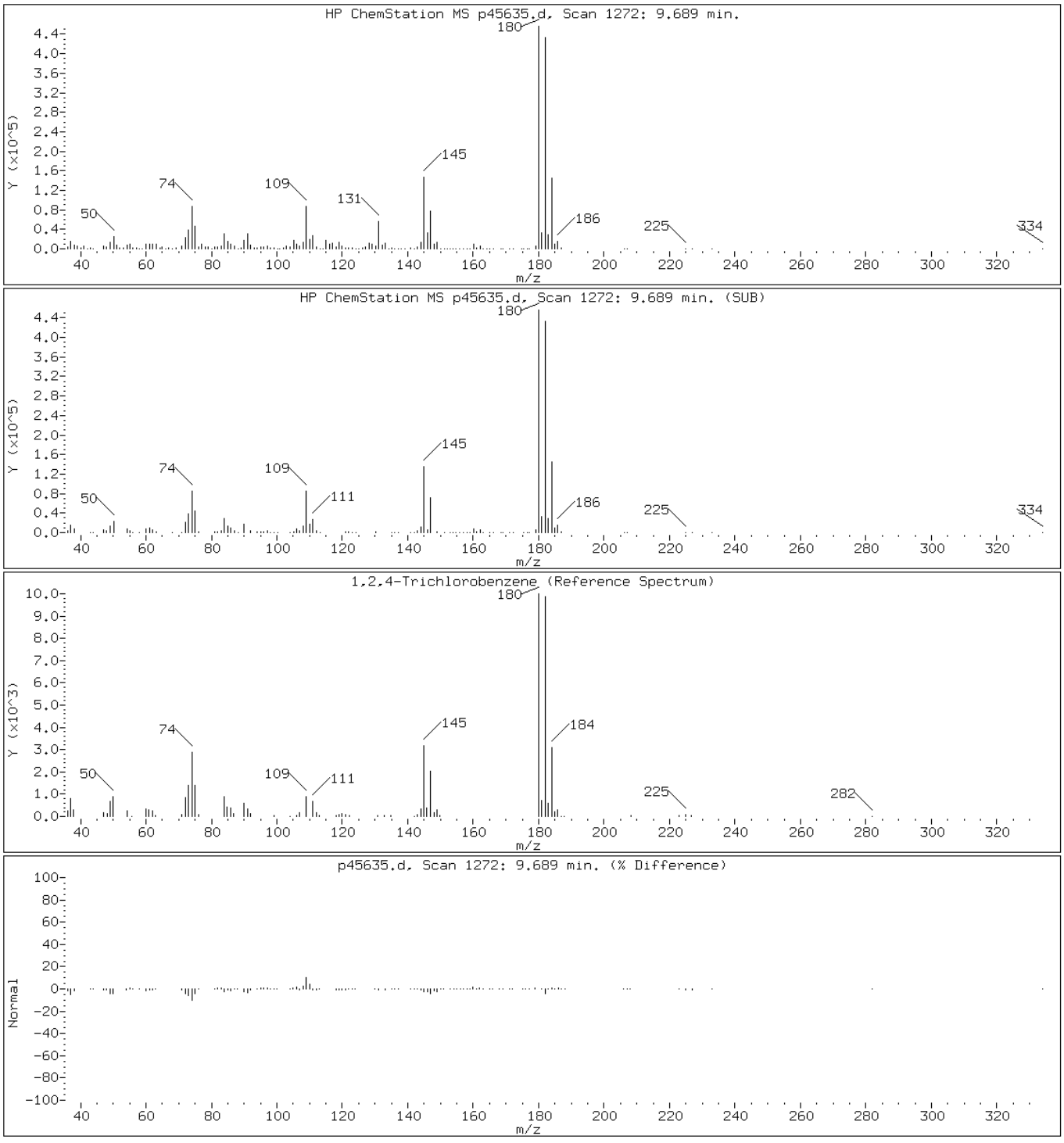
Data File: p45635.d

Date: 31-MAR-2011 15:39

Client ID: PMP-24-VD-E (4.5-6. Instrument: VOAMS13.i

Sample Info: 460-24280-D-11-A;200;;6.36;5 Operator:

114 1,2,4-Trichlorobenzene



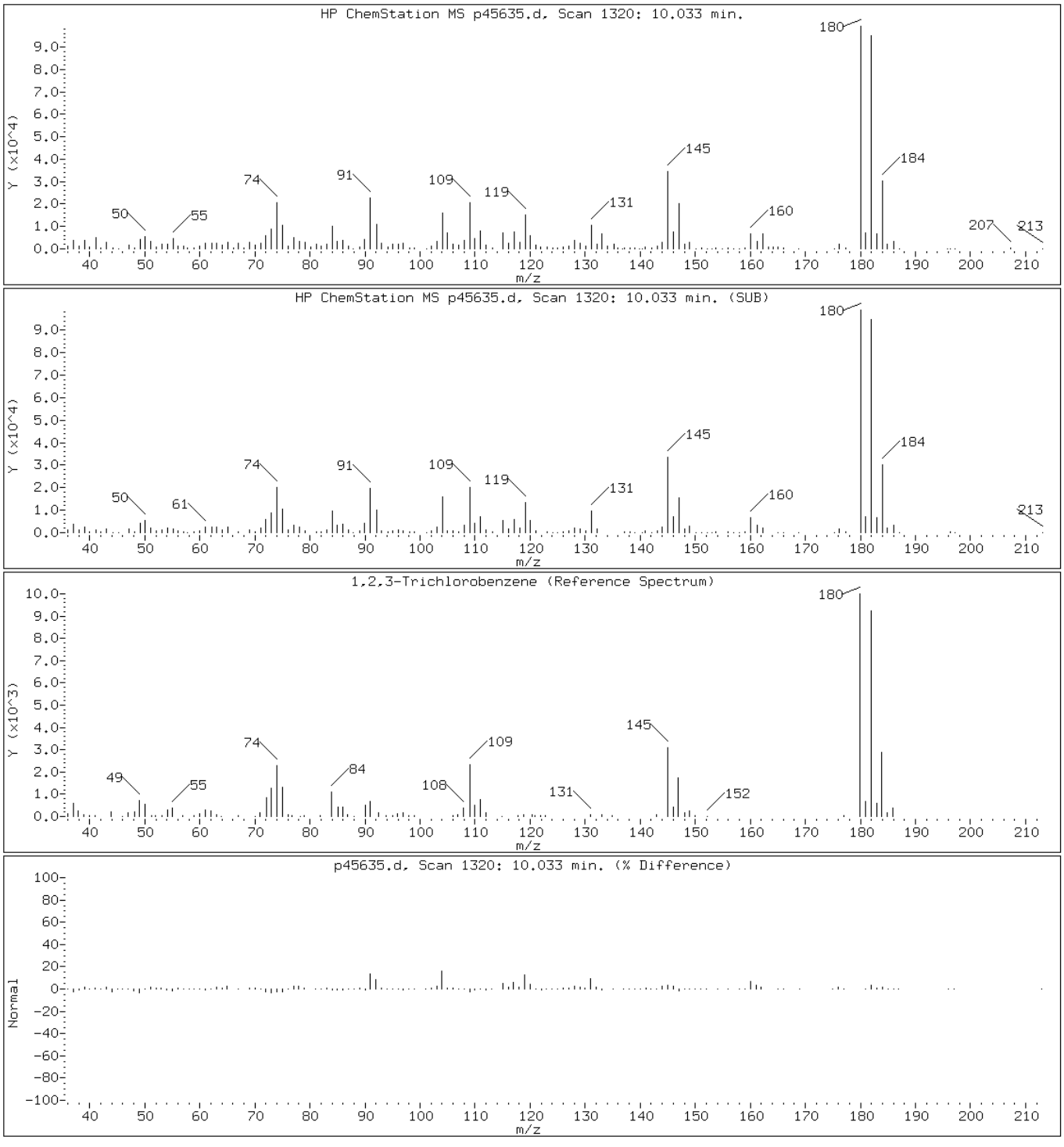
Data File: p45635.d

Date: 31-MAR-2011 15:39

Client ID: PMP-24-VD-E (4.5-6. Instrument: VOAMS13.i

Sample Info: 460-24280-D-11-A;200;;6.36;5 Operator:

117 1,2,3-Trichlorobenzene



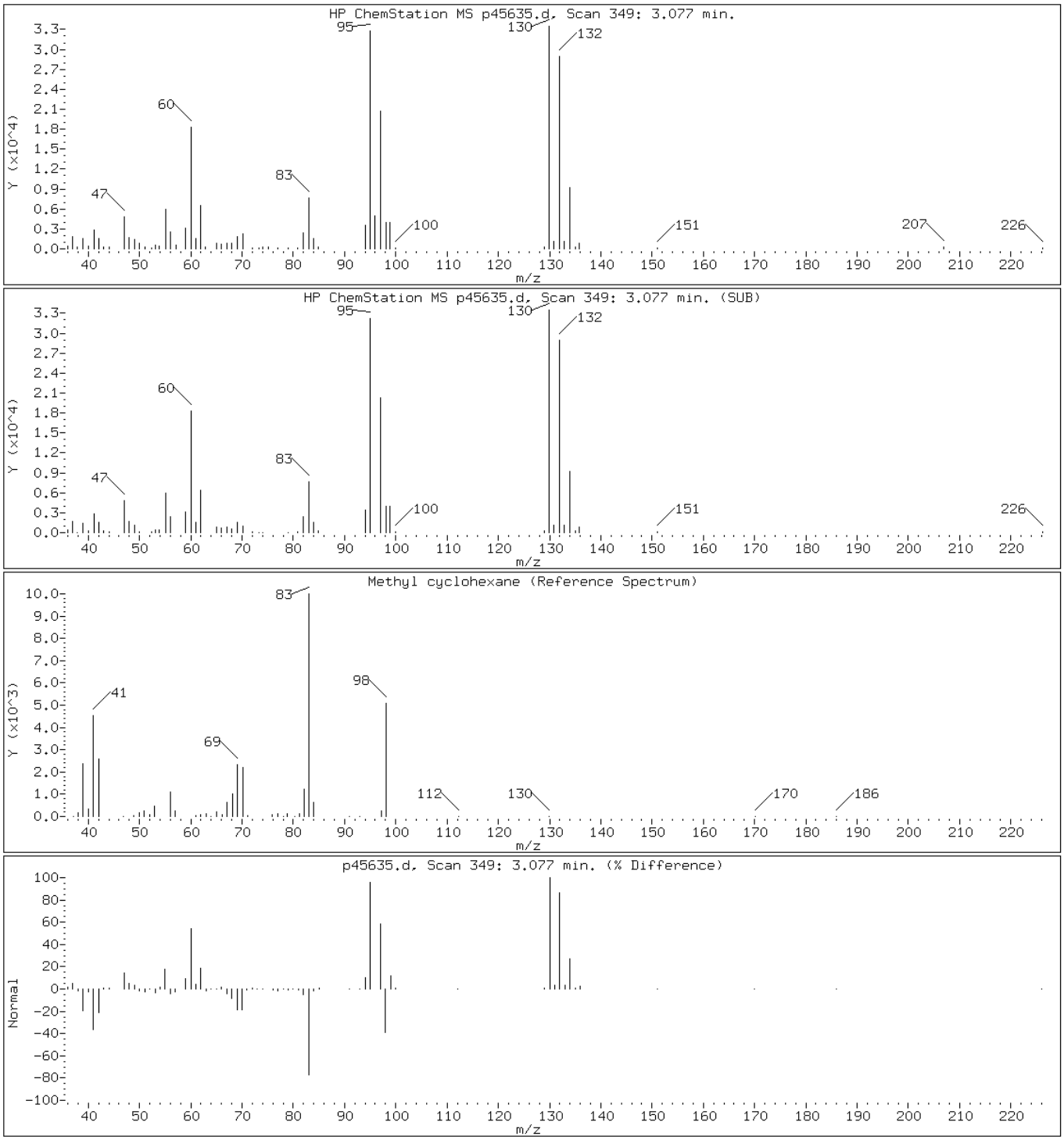
Data File: p45635.d

Date: 31-MAR-2011 15:39

Client ID: PMP-24-VD-E (4.5-6. Instrument: VOAMS13.i

Sample Info: 460-24280-D-11-A;200;;6.36;5 Operator:

56 Methyl cyclohexane



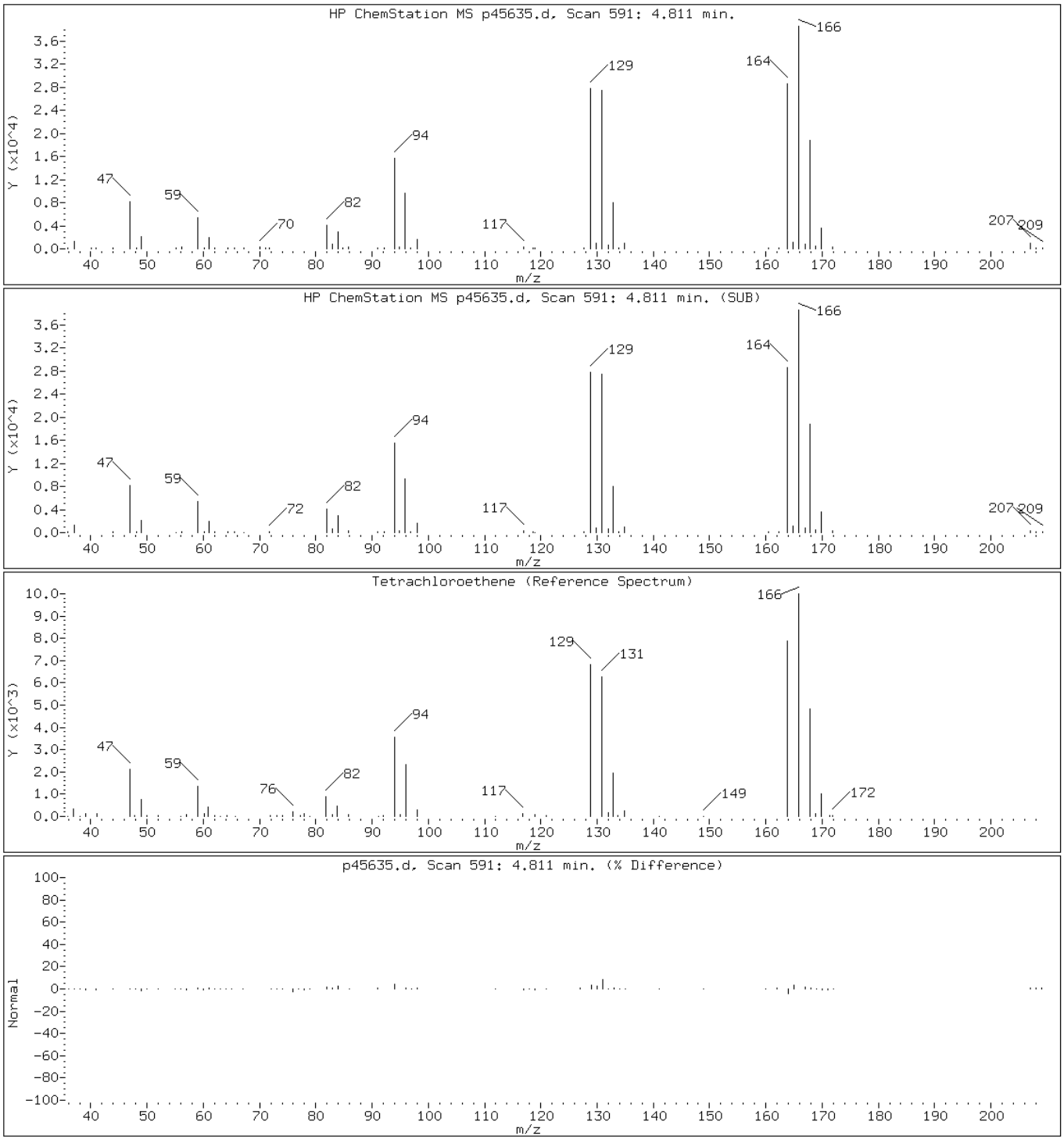
Data File: p45635.d

Date: 31-MAR-2011 15:39

Client ID: PMP-24-VD-E (4.5-6. Instrument: VOAMS13.i

Sample Info: 460-24280-D-11-A;200;;6.36;5 Operator:

71 Tetrachloroethene



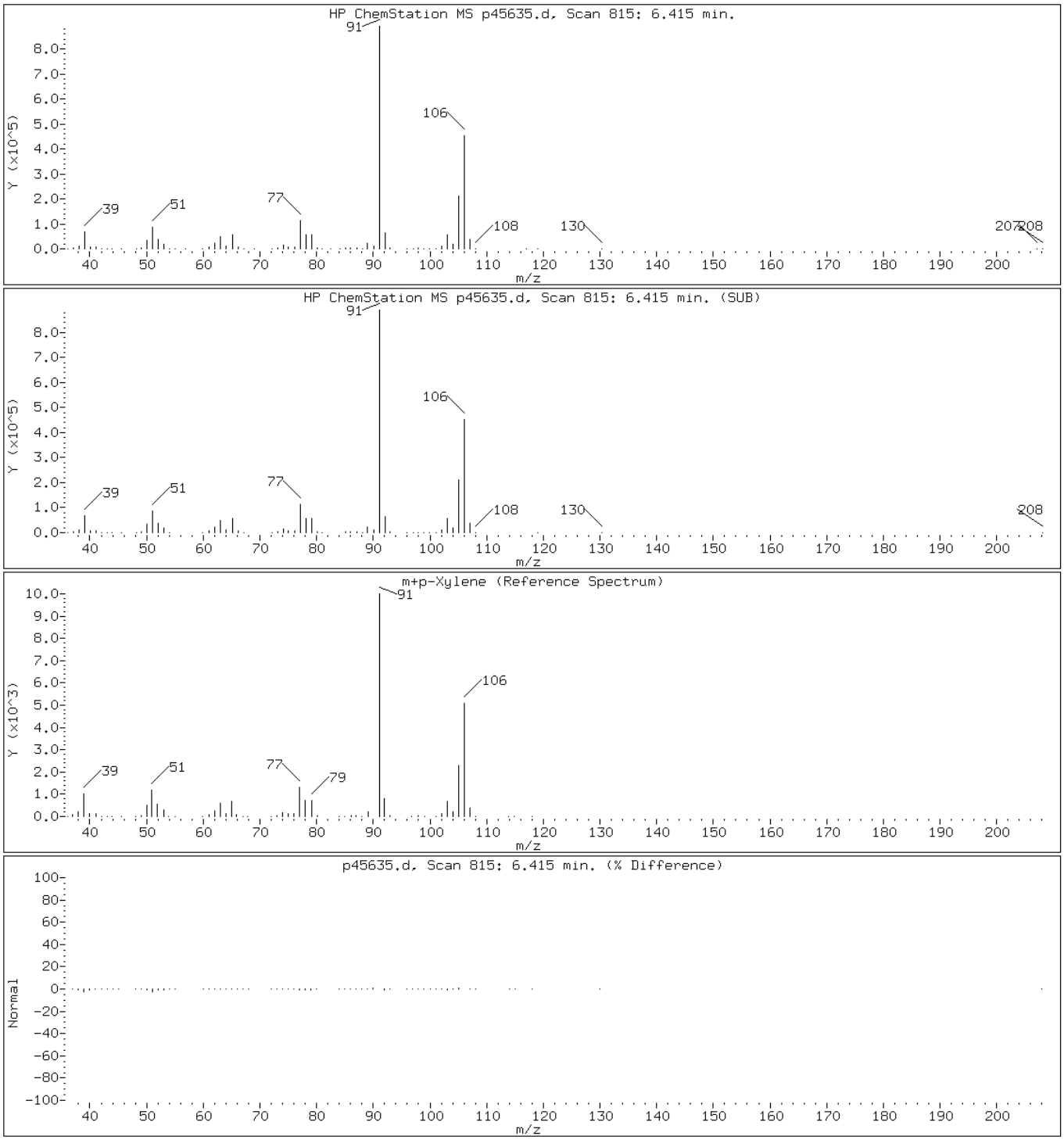
Data File: p45635.d

Date: 31-MAR-2011 15:39

Client ID: PMP-24-VD-E (4.5-6. Instrument: VOAMS13.i

Sample Info: 460-24280-D-11-A;200;;6.36;5 Operator:

82 m+p-Xylene



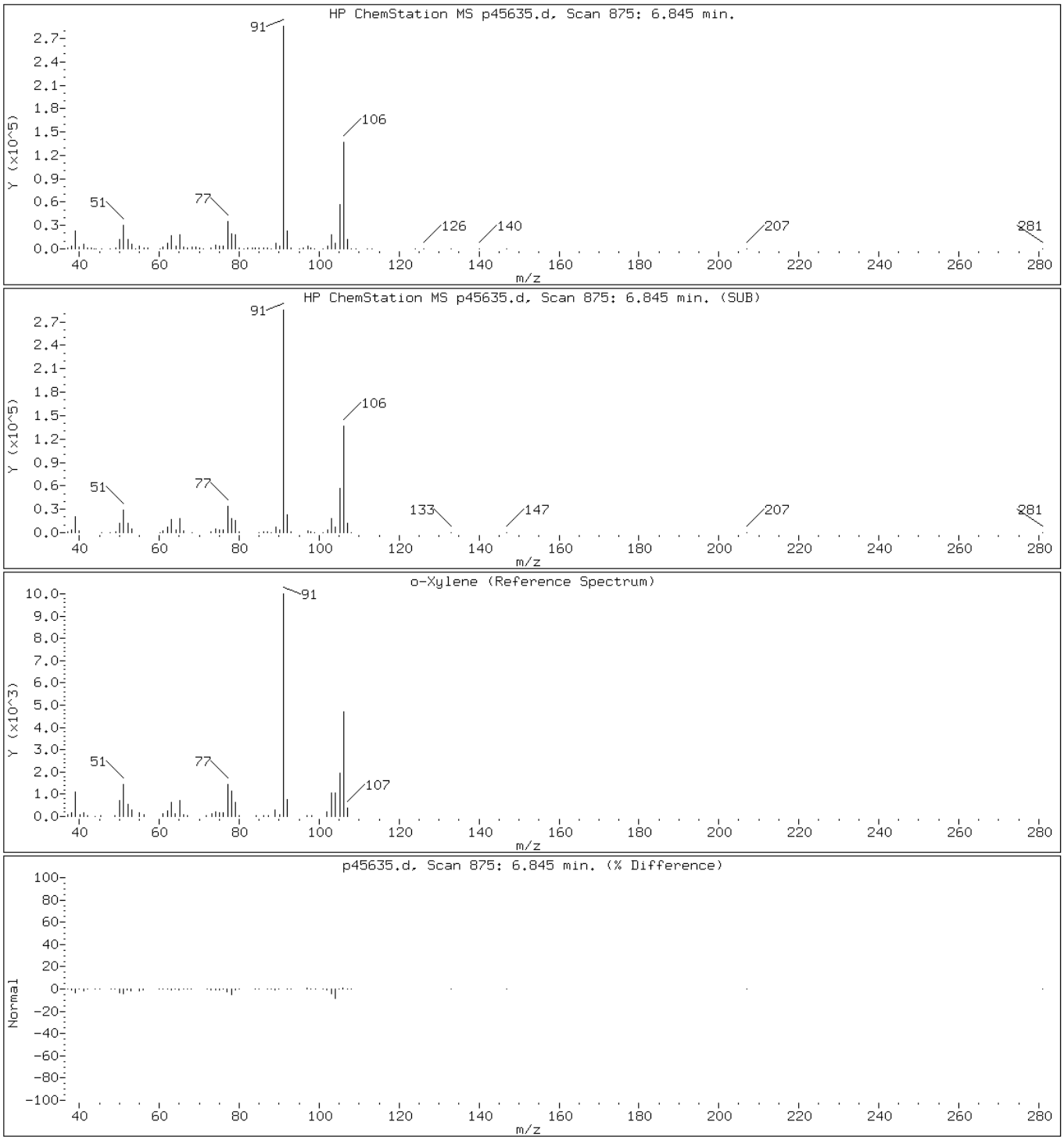
Data File: p45635.d

Date: 31-MAR-2011 15:39

Client ID: PMP-24-VD-E (4.5-6. Instrument: VOAMS13.i

Sample Info: 460-24280-D-11-A;200;;6.36;5 Operator:

84 o-Xylene



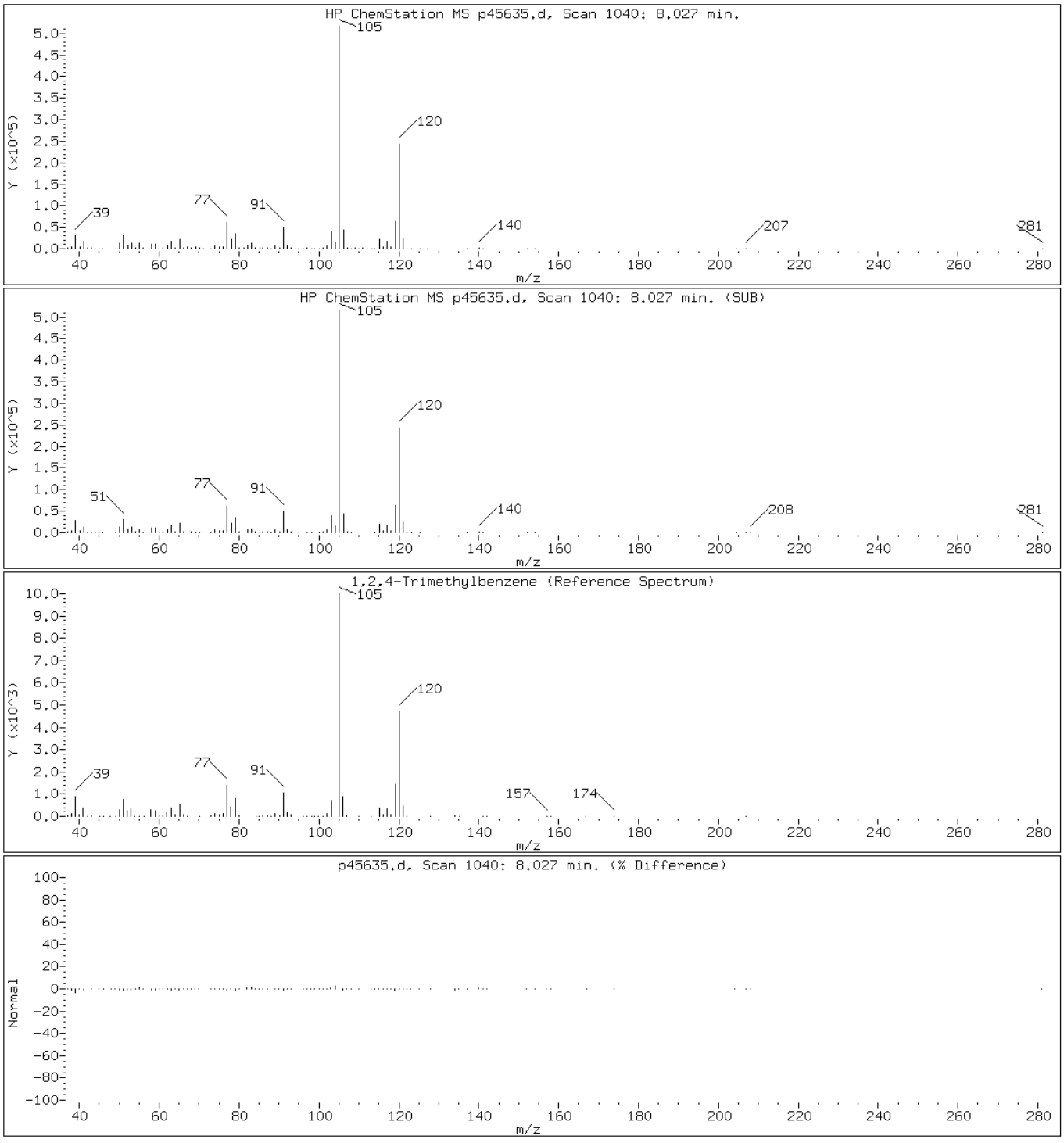
Data File: p45635.d

Date: 31-MAR-2011 15:39

Client ID: PMP-24-VD-E (4.5-6. Instrument: VOAMS13.i

Sample Info: 460-24280-D-11-A;200;;6.36;5 Operator:

101 1,2,4-Trimethylbenzene



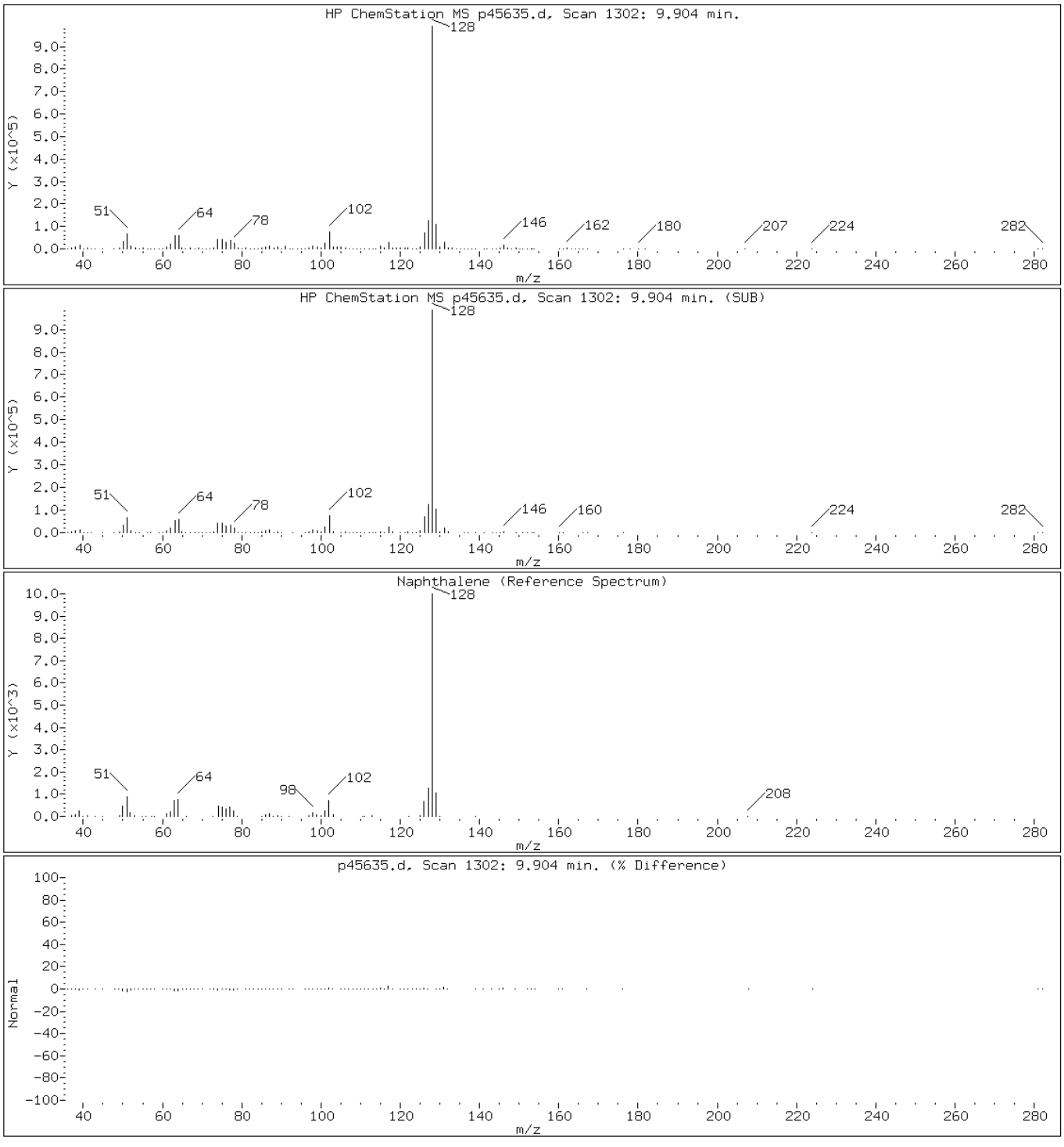
Data File: p45635.d

Date: 31-MAR-2011 15:39

Client ID: PMP-24-VD-E (4.5-6. Instrument: VOAMS13.i

Sample Info: 460-24280-D-11-A;200;;6.36;5 Operator:

116 Naphthalene



Data File: p45635.d

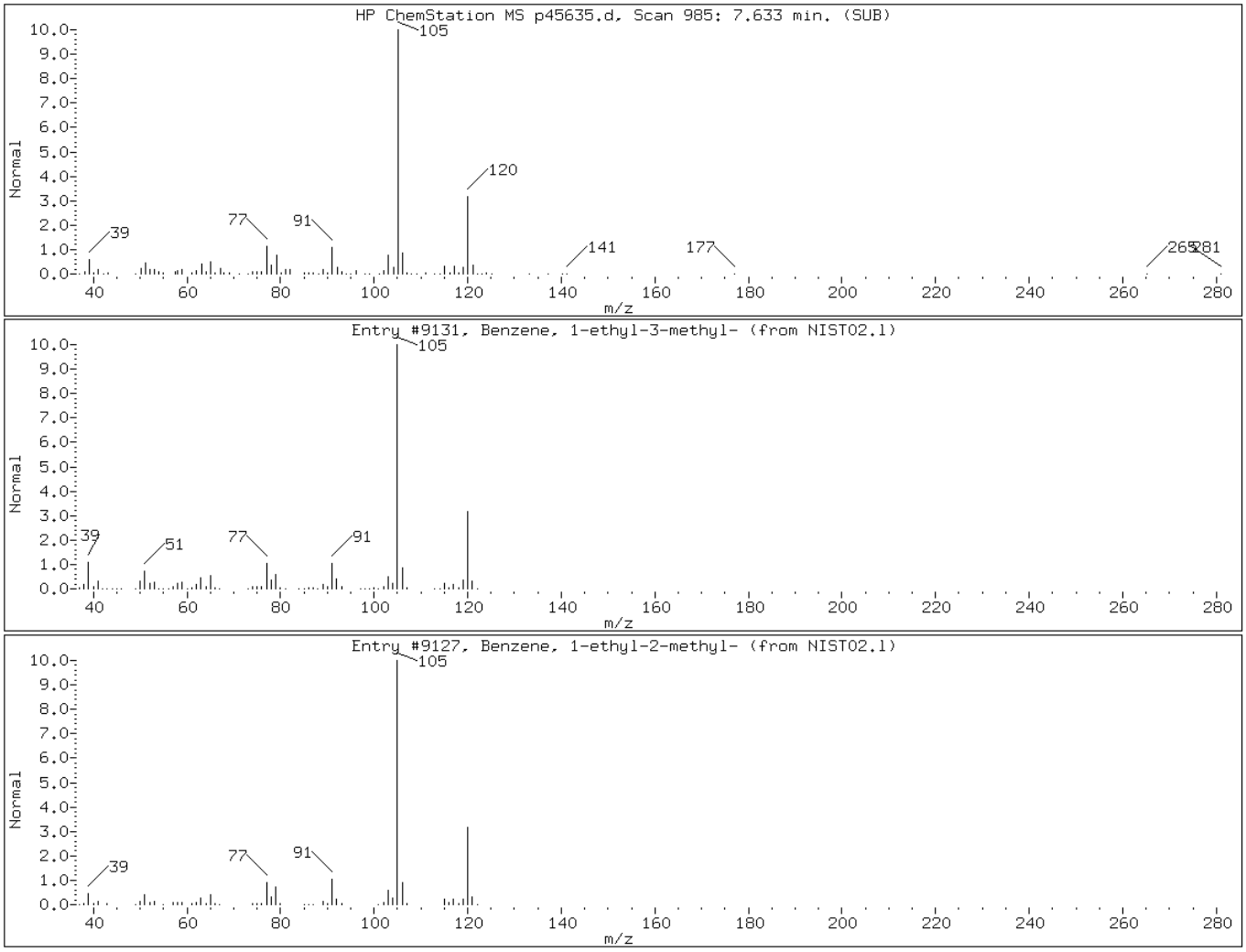
Date: 31-MAR-2011 15:39

Client ID: PMP-24-VD-E (4.5-6. Instrument: VOAMS13.i

Sample Info: 460-24280-D-11-A;200;;6.36;5 Operator:

Retention Time: 7.63

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer						
Benzene, 1-ethyl-3-methyl-	620-14-4	NIST02.l	9131	95	C9H12	120
Benzene, 1-ethyl-2-methyl-	611-14-3	NIST02.l	9127	95	C9H12	120



Data File: p45635.d

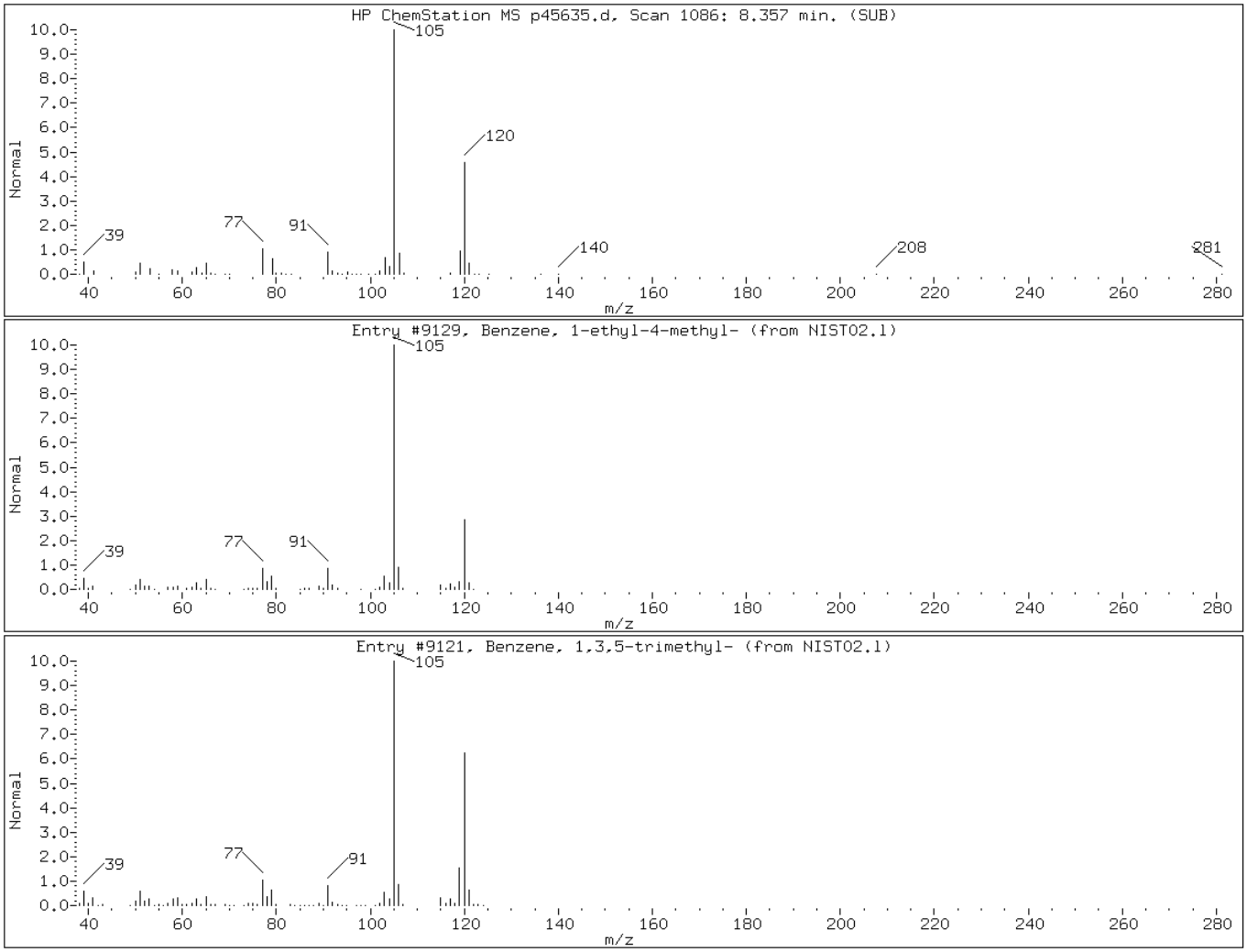
Date: 31-MAR-2011 15:39

Client ID: PMP-24-VD-E (4.5-6. Instrument: VOAMS13.i

Sample Info: 460-24280-D-11-A;200;;6.36;5 Operator:

Retention Time: 8.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethylmethylbenzene isomer-1						
Benzene, 1-ethyl-4-methyl-	622-96-8	NIST02.l	9129	91	C9H12	120
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.l	9121	91	C9H12	120



Data File: p45635.d

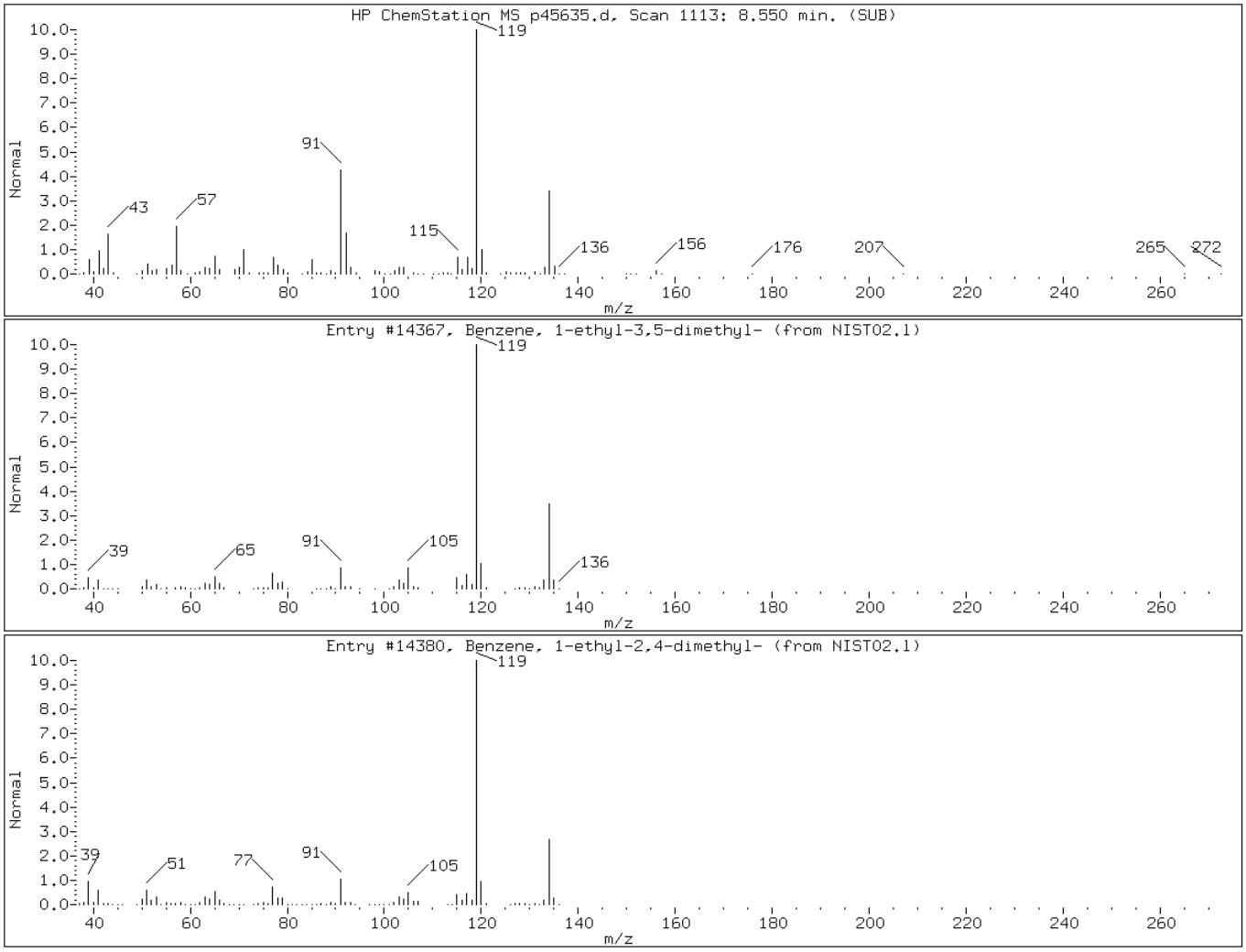
Date: 31-MAR-2011 15:39

Client ID: PMP-24-VD-E (4.5-6. Instrument: VOAMS13.i

Sample Info: 460-24280-D-11-A;200;;6.36;5 Operator:

Retention Time: 8.55

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.l	14367	93	C10H14	134
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14380	81	C10H14	134



Data File: p45635.d

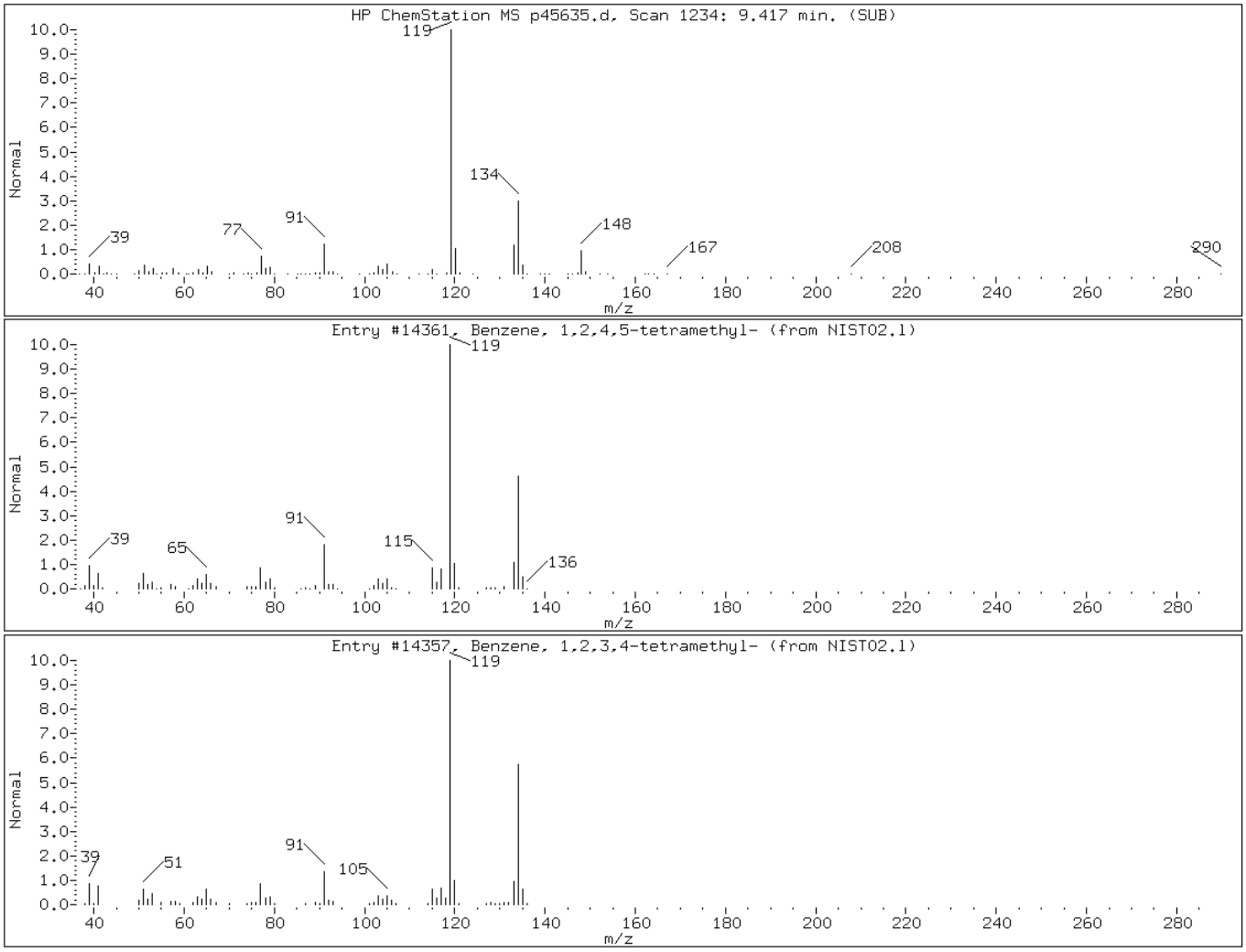
Date: 31-MAR-2011 15:39

Client ID: PMP-24-VD-E (4.5-6. Instrument: VOAMS13.i

Sample Info: 460-24280-D-11-A;200;;6.36;5 Operator:

Retention Time: 9.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer-1						
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	86	C10H14	134
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14357	86	C10H14	134



Data File: p45635.d

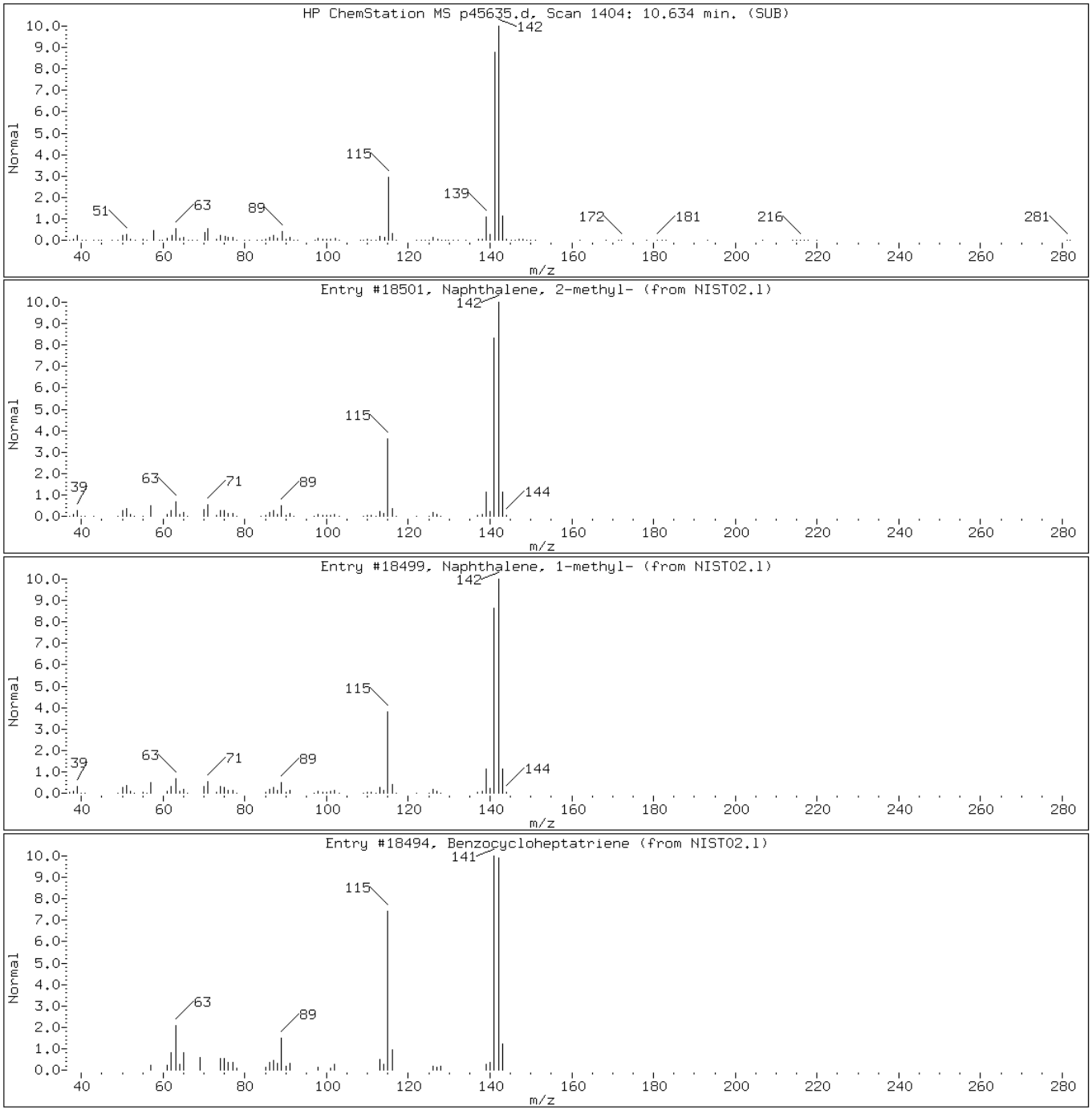
Date: 31-MAR-2011 15:39

Client ID: PMP-24-VD-E (4.5-6. Instrument: VOAMS13.i

Sample Info: 460-24280-D-11-A;200;;6.36;5 Operator:

Retention Time: 10.63

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
Benzocycloheptatriene	264-09-5	NIST02.l	18494	91	C11H10	142



Data File: p45635.d

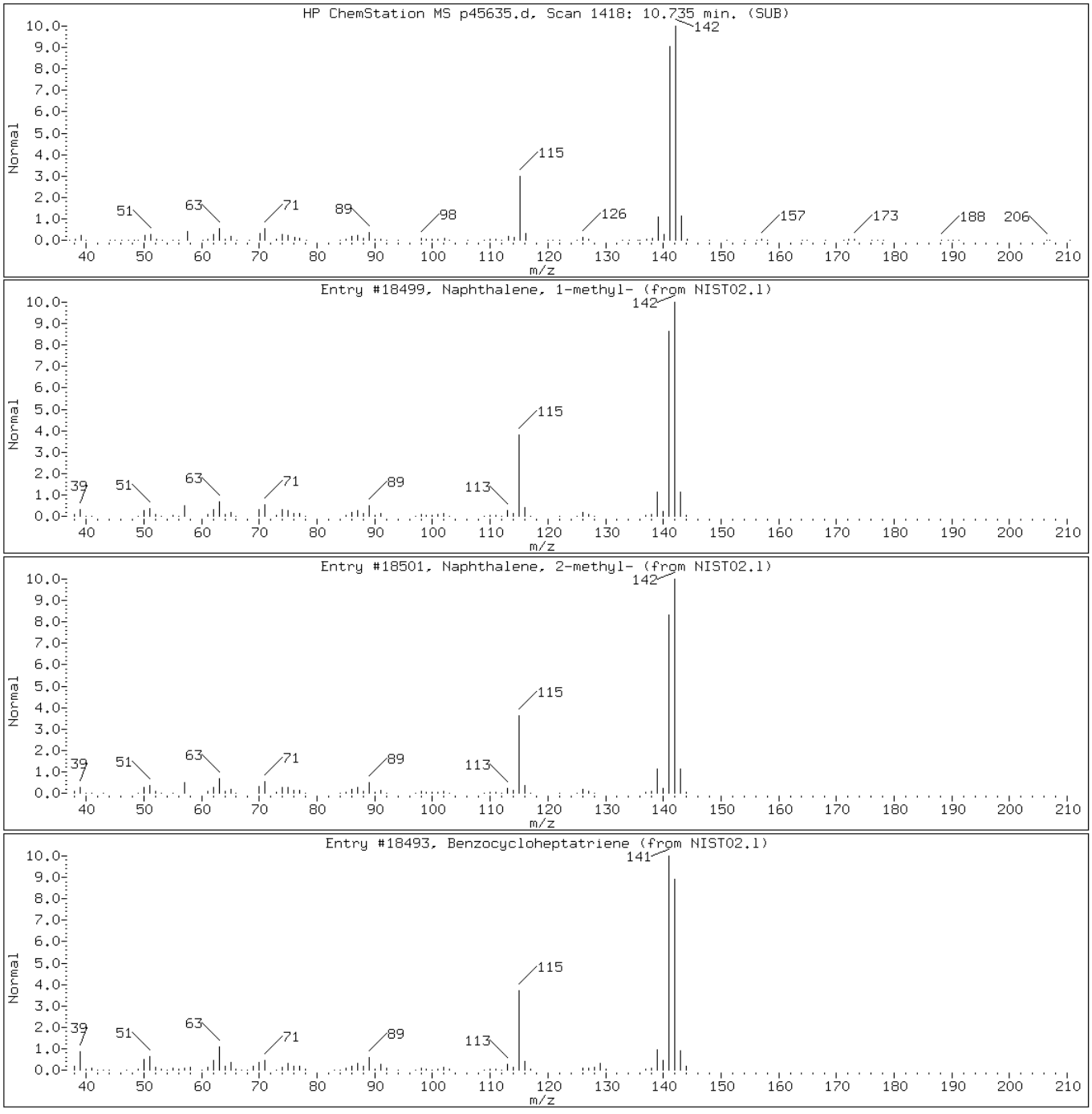
Date: 31-MAR-2011 15:39

Client ID: PMP-24-VD-E (4.5-6. Instrument: VOAMS13.i

Sample Info: 460-24280-D-11-A;200;;6.36;5 Operator:

Retention Time: 10.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 1-methyl-	90-12-0	NIST02.l	18499	96	C11H10	142
Naphthalene, 2-methyl-	91-57-6	NIST02.l	18501	94	C11H10	142
Benzocycloheptatriene	264-09-5	NIST02.l	18493	91	C11H10	142



Data File: p45635.d

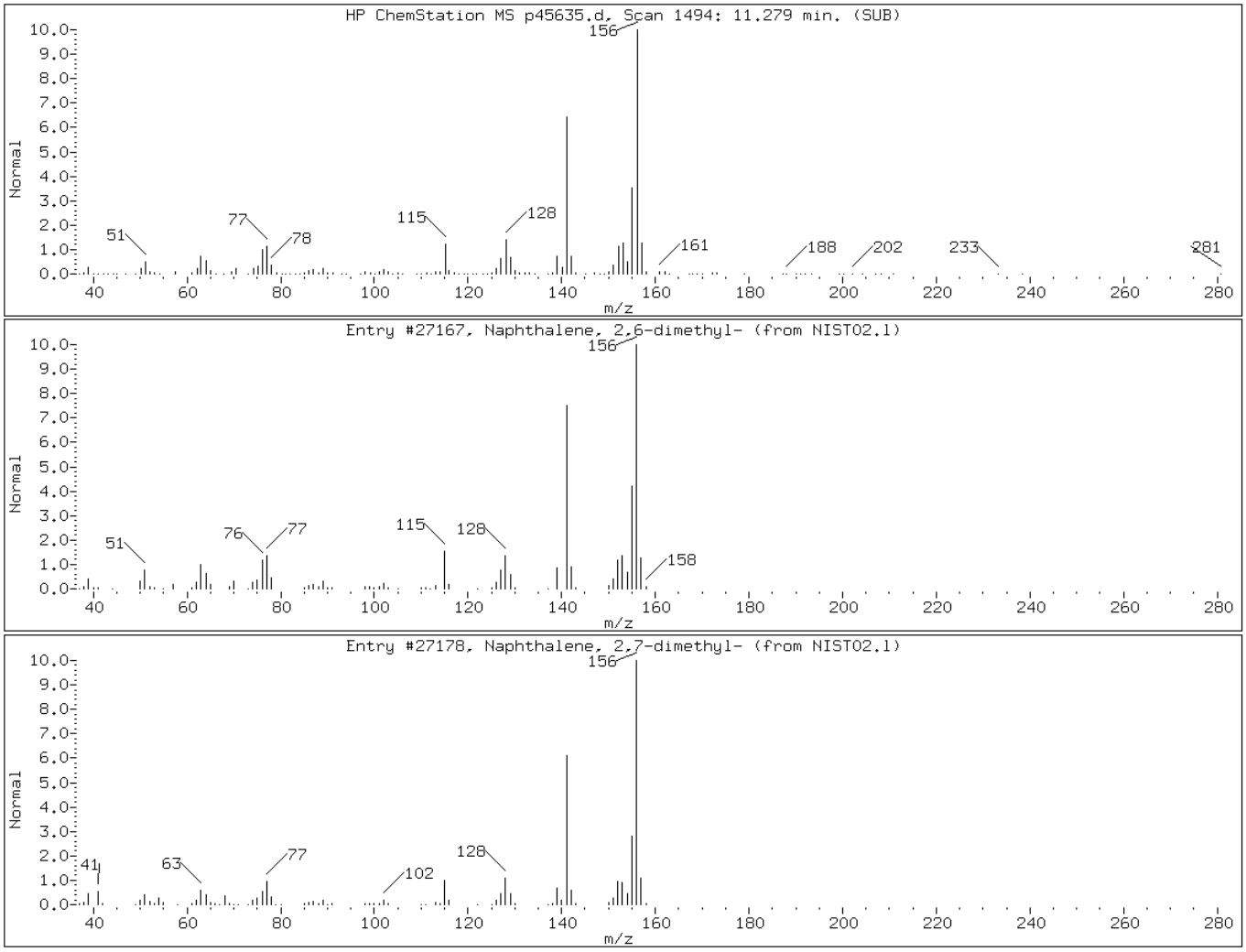
Date: 31-MAR-2011 15:39

Client ID: PMP-24-VD-E (4.5-6. Instrument: VOAMS13.i

Sample Info: 460-24280-D-11-A;200;;6.36;5 Operator:

Retention Time: 11.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylnaphthalene isomer						
Naphthalene, 2,6-dimethyl-	581-42-0	NIST02.l	27167	98	C12H12	156
Naphthalene, 2,7-dimethyl-	582-16-1	NIST02.l	27178	98	C12H12	156



Data File: p45635.d

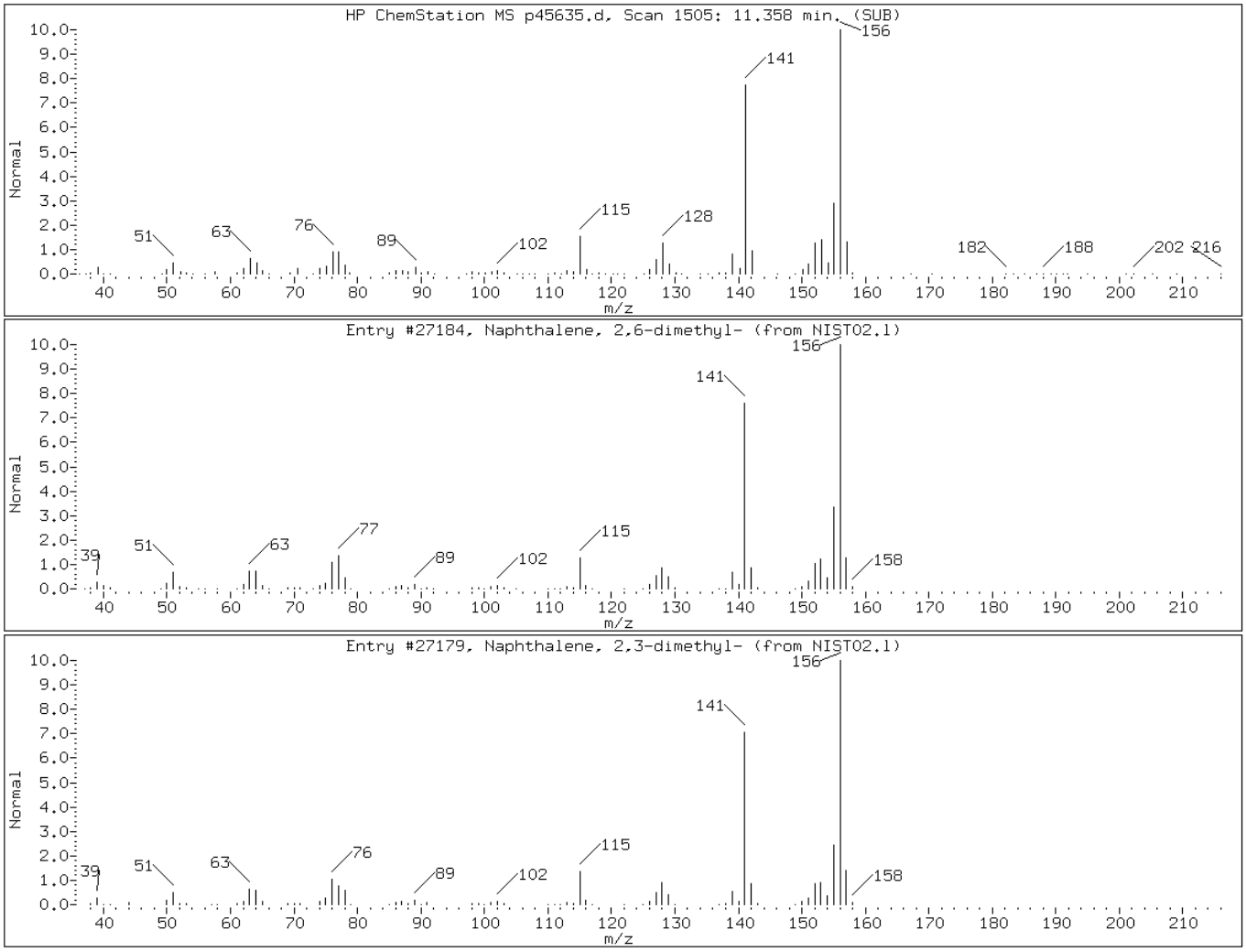
Date: 31-MAR-2011 15:39

Client ID: PMP-24-VD-E (4.5-6. Instrument: VOAMS13.i

Sample Info: 460-24280-D-11-A;200;;6.36;5 Operator:

Retention Time: 11.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylnaphthalene isomer-1						
Naphthalene, 2,6-dimethyl-	581-42-0	NIST02.l	27184	97	C12H12	156
Naphthalene, 2,3-dimethyl-	581-40-8	NIST02.l	27179	97	C12H12	156



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-WT-E (6.5-8.5) | Lab Sample ID: 460-24280-12

Matrix: Solid | Lab File ID: p45631.d

Analysis Method: 8260B | Date Collected: 03/17/2011 10:35

Sample wt/vol: 7.5(g) | Date Analyzed: 03/31/2011 13:58

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1000

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 9.7 | Level: (low/med) Medium

Analysis Batch No.: 69082 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	740	U	740	160
74-83-9	Bromomethane	740	U	740	230
75-01-4	Vinyl chloride	740	U	740	89
75-00-3	Chloroethane	740	U	740	330
75-09-2	Methylene Chloride	740	U	740	140
67-64-1	Acetone	2900	J	7400	1800
75-15-0	Carbon disulfide	740	U	740	110
75-69-4	Trichlorofluoromethane	740	U	740	120
75-35-4	1,1-Dichloroethene	740	U	740	100
75-34-3	1,1-Dichloroethane	740	U	740	74
156-60-5	trans-1,2-Dichloroethene	740	U	740	100
156-59-2	cis-1,2-Dichloroethene	2900		740	140
67-66-3	Chloroform	740	U	740	110
78-93-3	2-Butanone	7400	U	7400	610
107-06-2	1,2-Dichloroethane	740	U	740	180
71-55-6	1,1,1-Trichloroethane	390	J	740	180
56-23-5	Carbon tetrachloride	740	U	740	130
71-43-2	Benzene	740	U	740	88
75-25-2	Bromoform	740	U	740	73
100-42-5	Styrene	9100		740	100
100-41-4	Ethylbenzene	9500		740	180
108-90-7	Chlorobenzene	2300		740	120
110-82-7	Cyclohexane	740	U	740	92
98-82-8	Isopropylbenzene	1600		740	160
591-78-6	2-Hexanone	7400	U	7400	400
1634-04-4	MTBE	740	U	740	140
76-13-1	Freon TF	2600		740	210
79-20-9	Methyl acetate	1500	U	1500	240
123-91-1	1,4-Dioxane	37000	U	37000	6300
79-01-6	Trichloroethene	160000		740	130
108-88-3	Toluene	6100		740	70
10061-02-6	trans-1,3-Dichloropropene	740	U	740	90
108-10-1	4-Methyl-2-pentanone	7400	U	7400	500
10061-01-5	cis-1,3-Dichloropropene	740	U	740	75
95-50-1	1,2-Dichlorobenzene	4500		740	120
541-73-1	1,3-Dichlorobenzene	740	U	740	170

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-WT-E (6.5-8.5) | Lab Sample ID: 460-24280-12

Matrix: Solid | Lab File ID: p45631.d

Analysis Method: 8260B | Date Collected: 03/17/2011 10:35

Sample wt/vol: 7.5(g) | Date Analyzed: 03/31/2011 13:58

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1000

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 9.7 | Level: (low/med) Medium

Analysis Batch No.: 69082 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	470	J	740	110
120-82-1	1,2,4-Trichlorobenzene	37000		740	320
87-61-6	1,2,3-Trichlorobenzene	8500		740	610
78-87-5	1,2-Dichloropropane	740	U	740	65
108-87-2	Methylcyclohexane	740	U	740	59
127-18-4	Tetrachloroethene	9300		740	140
1330-20-7	Xylenes, Total	40000		2200	320
96-12-8	1,2-Dibromo-3-Chloropropane	740	U	740	110
79-34-5	1,1,2,2-Tetrachloroethane	740	U	740	64
79-00-5	1,1,2-Trichloroethane	740	U	740	72
124-48-1	Dibromochloromethane	740	U	740	74
106-93-4	1,2-Dibromoethane	740	U	740	67
75-71-8	Dichlorodifluoromethane	740	U	740	210
74-97-5	Bromochloromethane	740	U *	740	130
75-27-4	Bromodichloromethane	740	U	740	66

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	84		57-135
2037-26-5	Toluene-d8 (Surr)	103		46-130
460-00-4	Bromofluorobenzene	123		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-WT-E (6.5-8.5) Lab Sample ID: 460-24280-12

Matrix: Solid Lab File ID: p45631.d

Analysis Method: 8260B Date Collected: 03/17/2011 10:35

Sample wt/vol: 7.5(g) Date Analyzed: 03/31/2011 13:58

Soil Aliquot Vol: 5 (mL) Dilution Factor: 1000

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.18(mm)

% Moisture: 9.7 Level: (low/med) Medium

Analysis Batch No.: 69082 Units: ug/Kg

Number TICs Found: 9 TIC Result Total: 60700

CAS NO.	COMPOUND NAME	RT	RESULT	Q
95-63-6	1,2,4-Trimethylbenzene	8.03	4200	
	Ethyldimethylbenzene isomer	8.55	5300	J
	Unknown	8.82	4000	J
	C10H12 Aromatic	9.39	4000	J
	Unknown Aromatic	9.47	4500	J
91-20-3	Naphthalene	9.90	17000	
	C11H14 Aromatic	10.17	4000	J
91-57-6	Naphthalene, 2-methyl-	10.63	13000	J N
90-12-0	Naphthalene, 1-methyl-	10.73	4700	J N

Data File: /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45631.d
Report Date: 31-Mar-2011 16:24

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45631.d
Lab Smp Id: 460-24280-D-12-A Client Smp ID: PMP-24-WT-E (6.5-8.
Inj Date : 31-MAR-2011 13:58
Operator : Inst ID: VOAMS13.i
Smp Info : 460-24280-D-12-A;1000;;7.5;5
Misc Info : 460-24280-D-12-A
Comment   :
Method   : /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/8260_09.m
Meth Date : 31-Mar-2011 12:56 desais Quant Type: ISTD
Cal Date : 03-MAR-2011 04:37 Cal File: p44665.d
Als bottle: 6
Dil Factor: 1000.00000
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	1000.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	7.50000	Weight of sample extracted (g)
M	9.74967	% 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)
	14 Freon TF	101	1.215	1.208	(0.408)	9187	3.57217	2600
	16 Acetone	58	1.487	1.480	(0.500)	957	3.89200	2900(a)
	36 cis-1,2-Dichloroethene	96	2.132	2.132	(0.716)	12832	3.96913	2900
	43 1,1,1-Trichloroethane	97	2.411	2.411	(0.810)	2406	0.52785	390(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	2.769	2.769	(0.930)	7286	2.10447	1600
	51 n-Heptane	57	2.662	2.655	(0.894)	1472	0.96357	710(aH)
*	52 Fluorobenzene	96	2.977	2.970	(1.000)	656130	50.0000	
	54 Trichloroethene	95	3.099	3.099	(1.041)	626910	210.282	160000
$	65 Toluene-d8 (SUR)	98	4.374	4.374	(0.714)	30316	2.57730	1900
	66 Toluene	91	4.424	4.424	(0.722)	120009	8.31828	6100
	71 Tetrachloroethene	166	4.811	4.811	(0.785)	41415	12.5953	9300
*	78 Chlorobenzene-d5	117	6.129	6.129	(1.000)	519205	50.0000	
	79 Chlorobenzene	112	6.150	6.150	(1.004)	27671	3.06114	2300
	81 Ethylbenzene	106	6.229	6.236	(1.016)	61399	12.8887	9500

Data File: /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45631.d
Report Date: 31-Mar-2011 16:24

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	82 m+p-Xylene	106	6.415	6.415	(1.047)	266604	43.7281	32000
	84 o-Xylene	106	6.845	6.845	(1.117)	60376	10.5784	7800
	85 Styrene	104	6.910	6.910	(1.127)	134511	12.2842	9100
	88 Isopropylbenzene	105	7.168	7.167	(1.169)	29880	2.20351	1600
$	89 Bromofluorobenzene (SUR)	174	7.390	7.390	(0.890)	13110	3.07491	2300
	95 n-Propylbenzene	91	7.540	7.533	(0.908)	29974	1.67956	1200(H)
	97 1,3,5-Trimethylbenzene	105	7.726	7.726	(0.931)	25546	2.05755	1500
	101 1,2,4-Trimethylbenzene	105	8.027	8.027	(0.967)	75909	5.72460	4200
	103 sec-Butylbenzene	105	8.106	8.106	(0.977)	8191	0.56198	420(a)
	107 p-Isopropyltoluene	119	8.235	8.235	(0.992)	9396	0.62493	460(aH)
*	108 1,4-Dichlorobenzene-d4	152	8.299	8.299	(1.000)	302342	50.0000	
	109 1,4-Dichlorobenzene	146	8.314	8.314	(1.002)	5192	0.64149	470(a)
	106 n-Butylbenzene	91	8.550	8.550	(1.030)	16144	1.36517	1000(H)
	111 1,2-Dichlorobenzene	146	8.614	8.614	(1.038)	44881	6.05238	4500
	114 1,2,4-Trichlorobenzene	180	9.682	9.689	(1.167)	248298	49.8544	37000
	116 Naphthalene	128	9.904	9.904	(1.193)	252388	23.6633	17000
	117 1,2,3-Trichlorobenzene	180	10.033	10.033	(1.209)	48244	11.4940	8500
M	120 1,2-Dichloroethene (Total)	100				12832	4.37740	3200
M	121 Xylene (Total)	100				326980	54.3065	40000

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45631.d
Report Date: 31-Mar-2011 16:24

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45631.d
Lab Smp Id: 460-24280-D-12-A Client Smp ID: PMP-24-WT-E (6.5-8.
Inj Date : 31-MAR-2011 13:58
Operator : Inst ID: VOAMS13.i
Smp Info : 460-24280-D-12-A;1000;;7.5;5
Misc Info : 460-24280-D-12-A
Comment   :
Method   : /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/8260_09.m
Meth Date : 31-Mar-2011 12:56 desais Quant Type: ISTD
Cal Date : 03-MAR-2011 04:37 Cal File: p44665.d
Als bottle: 6
Dil Factor: 1000.00000
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	1000.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	7.50000	Weight of sample extracted (g)
M	9.74967	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 108 1,4-Dichlorobenzene-d4	8.299	1880506	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Ethyldimethylbenzene isomer					CAS #:		
8.550	267888	7.12275932	5300	0		0	108
Unknown					CAS #:		
8.822	201781	5.36505811	4000	0		0	108

Data File: /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45631.d
Report Date: 31-Mar-2011 16:24

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C10H12 Aromatic					CAS #:		
9.388	205099	5.45327893	4000	0		0	108
Unknown Aromatic					CAS #:		
9.474	230028	6.11612946	4500	0		0	108
C11H14 Aromatic					CAS #:		
10.169	205506	5.46411668	4000	0		0	108
Naphthalene, 2-methyl-					CAS #: 91-57-6		
10.634	670345	17.8235314	13000	97	NIST02.l	18501	108
Naphthalene, 1-methyl-					CAS #: 90-12-0		
10.735	238891	6.35177700	4700	94	NIST02.l	18499	108(L)

QC Flag Legend

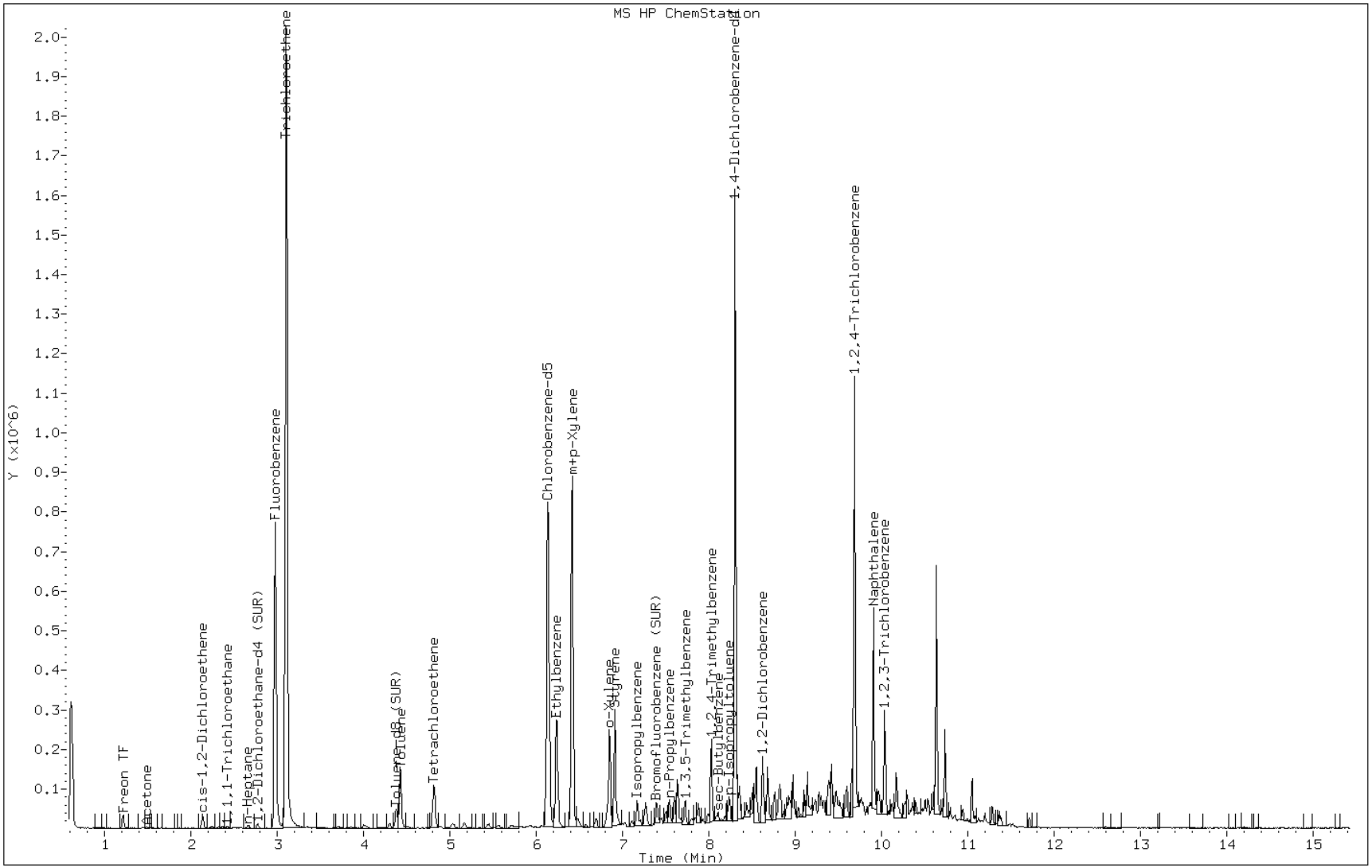
L - Operator selected an alternate library search match.

Data File: p45631.d

Date: 31-MAR-2011 13:58

Client ID: PMP-24-WT-E (6.5-8. Instrument: VOAMS13.i

Sample Info: 460-24280-D-12-A;1000;;7.5;5 Operator:



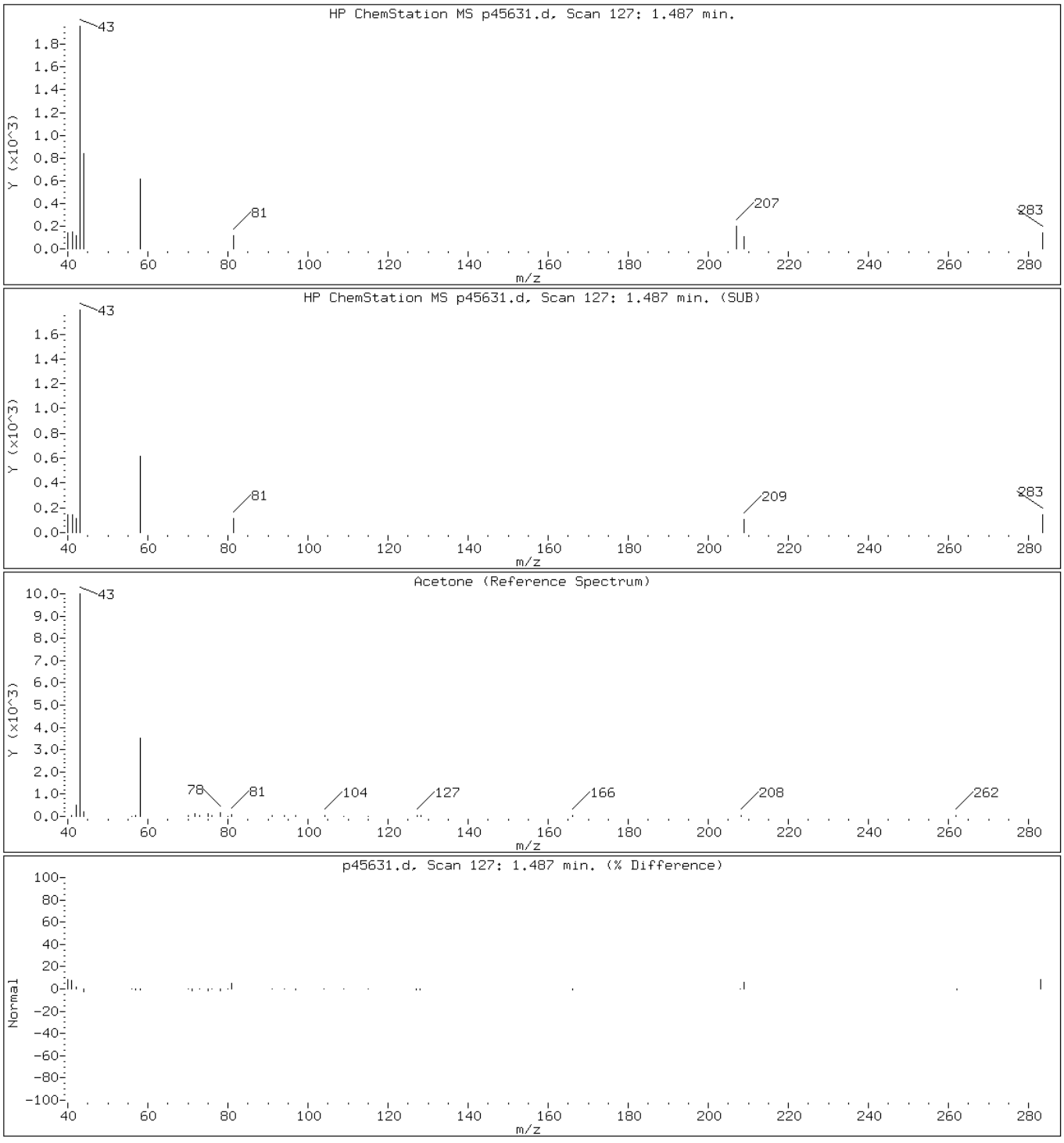
Data File: p45631.d

Date: 31-MAR-2011 13:58

Client ID: PMP-24-WT-E (6.5-8. Instrument: VOAMS13.i

Sample Info: 460-24280-D-12-A;1000;;7.5;5 Operator:

16 Acetone



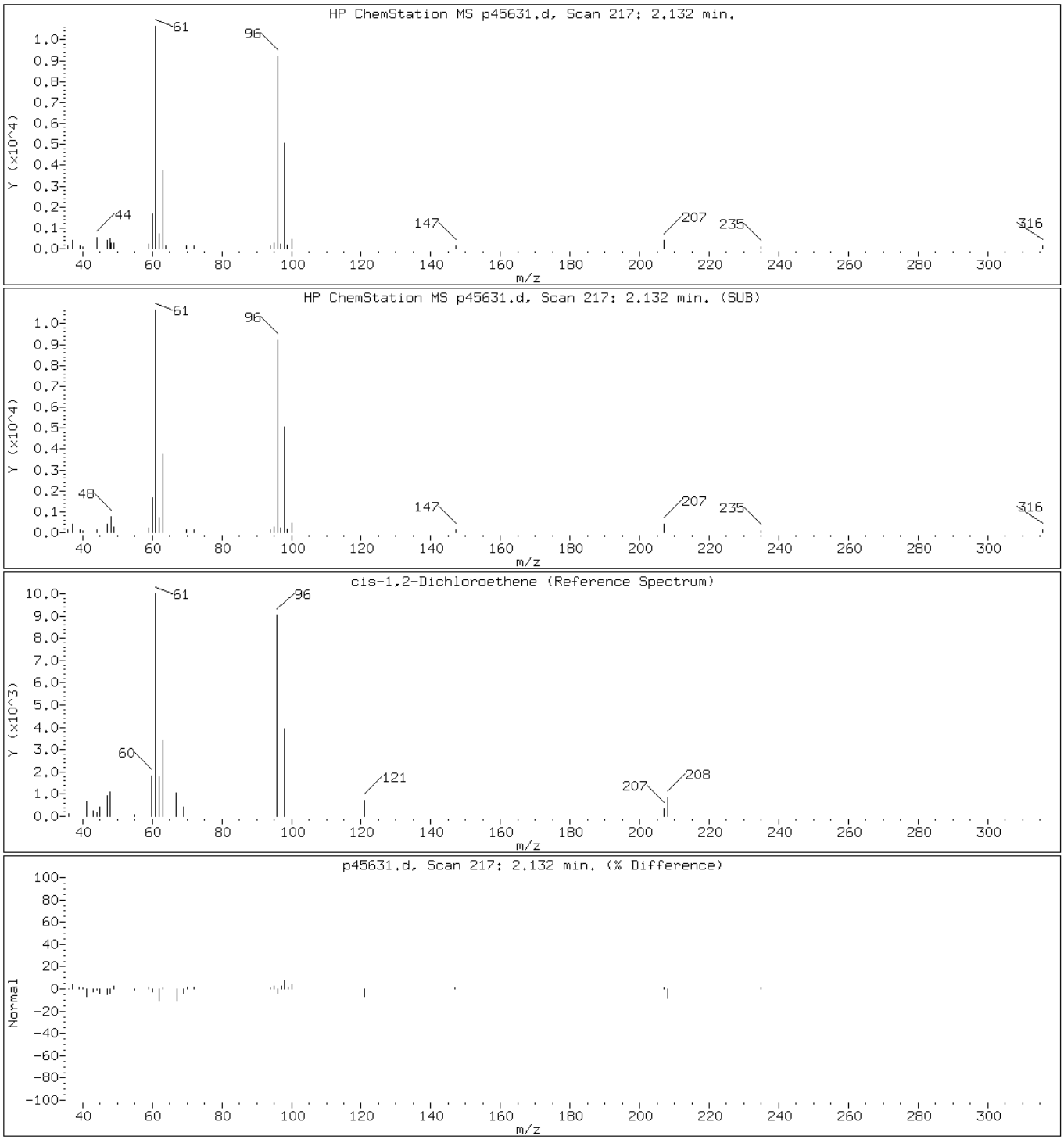
Data File: p45631.d

Date: 31-MAR-2011 13:58

Client ID: PMP-24-WT-E (6.5-8. Instrument: VOAMS13.i

Sample Info: 460-24280-D-12-A;1000;;7.5;5 Operator:

36 cis-1,2-Dichloroethene



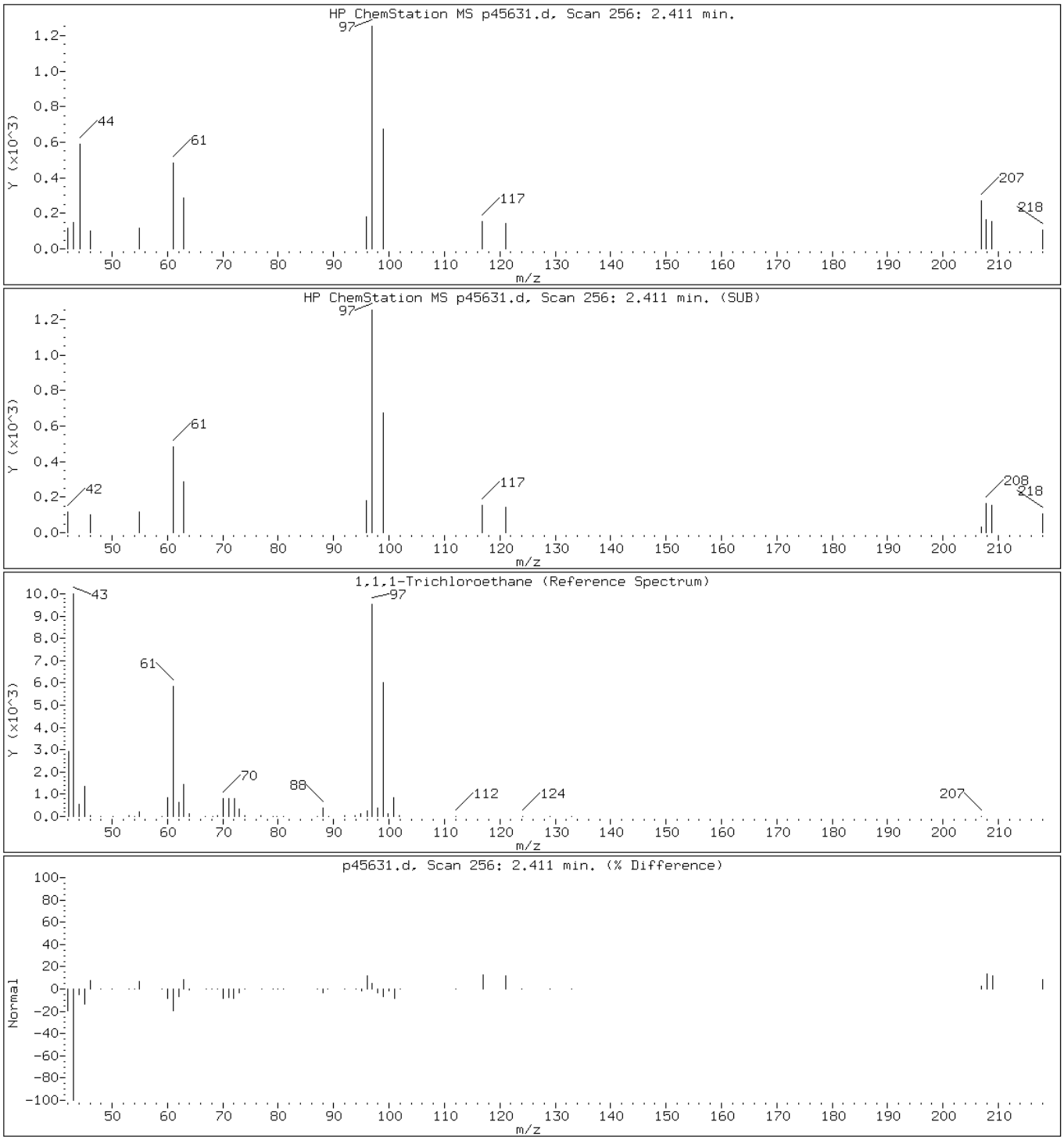
Data File: p45631.d

Date: 31-MAR-2011 13:58

Client ID: PMP-24-WT-E (6.5-8. Instrument: VOAMS13.i

Sample Info: 460-24280-D-12-A;1000;;7.5;5 Operator:

43 1,1,1-Trichloroethane



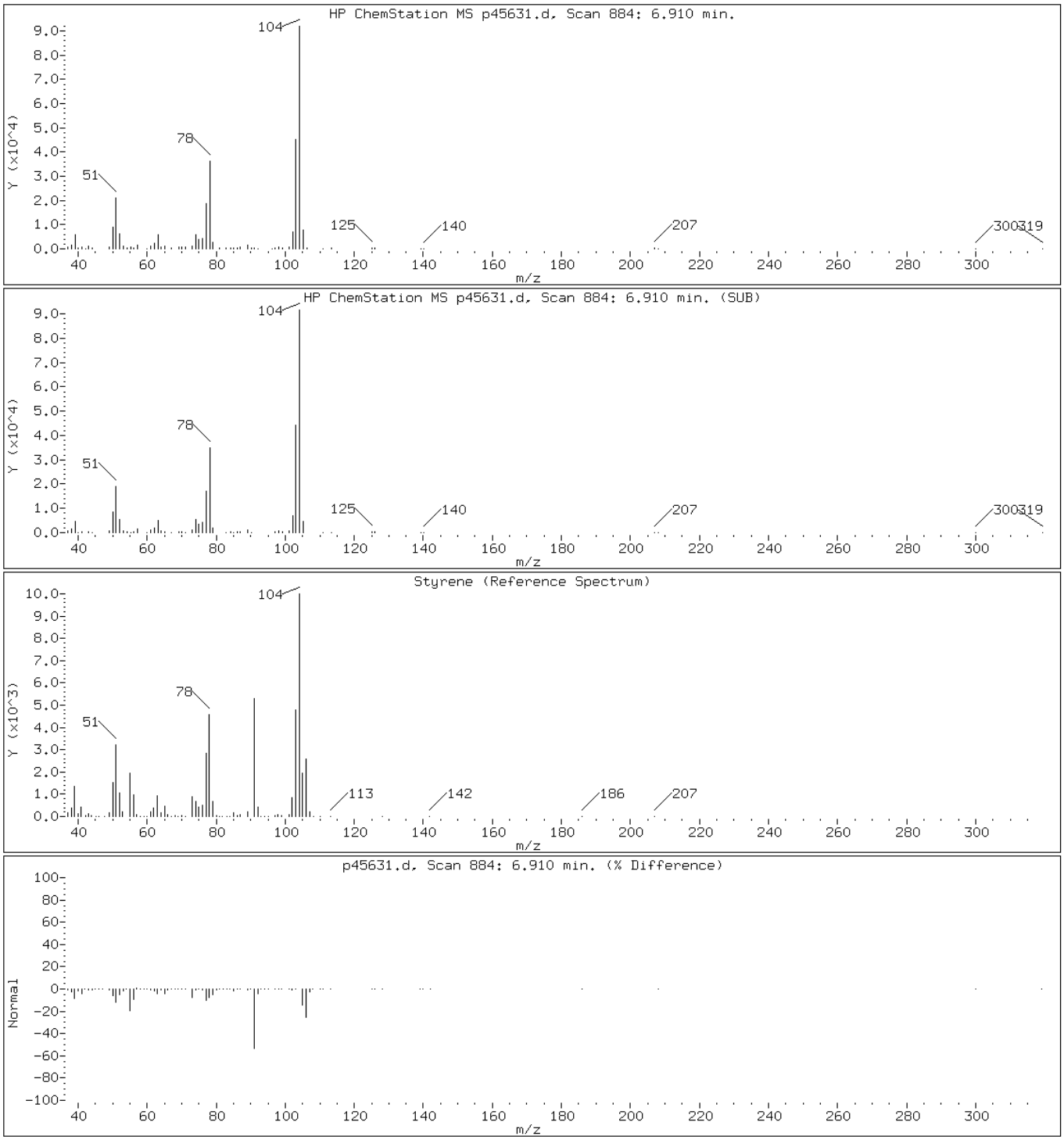
Data File: p45631.d

Date: 31-MAR-2011 13:58

Client ID: PMP-24-WT-E (6.5-8. Instrument: VOAMS13.i

Sample Info: 460-24280-D-12-A;1000;;7.5;5 Operator:

85 Styrene



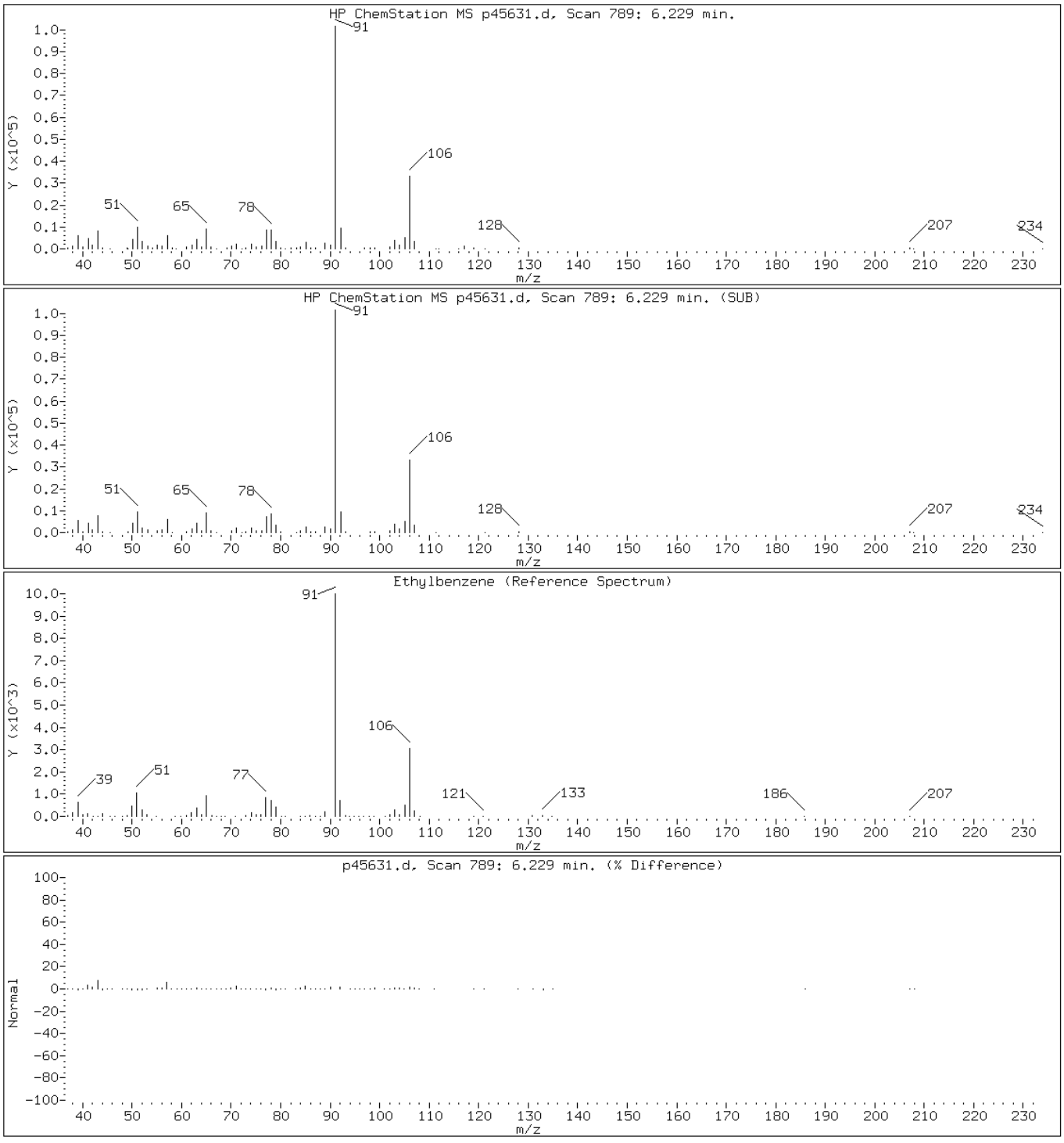
Data File: p45631.d

Date: 31-MAR-2011 13:58

Client ID: PMP-24-WT-E (6.5-8. Instrument: VOAMS13.i

Sample Info: 460-24280-D-12-A;1000;;7.5;5 Operator:

81 Ethylbenzene



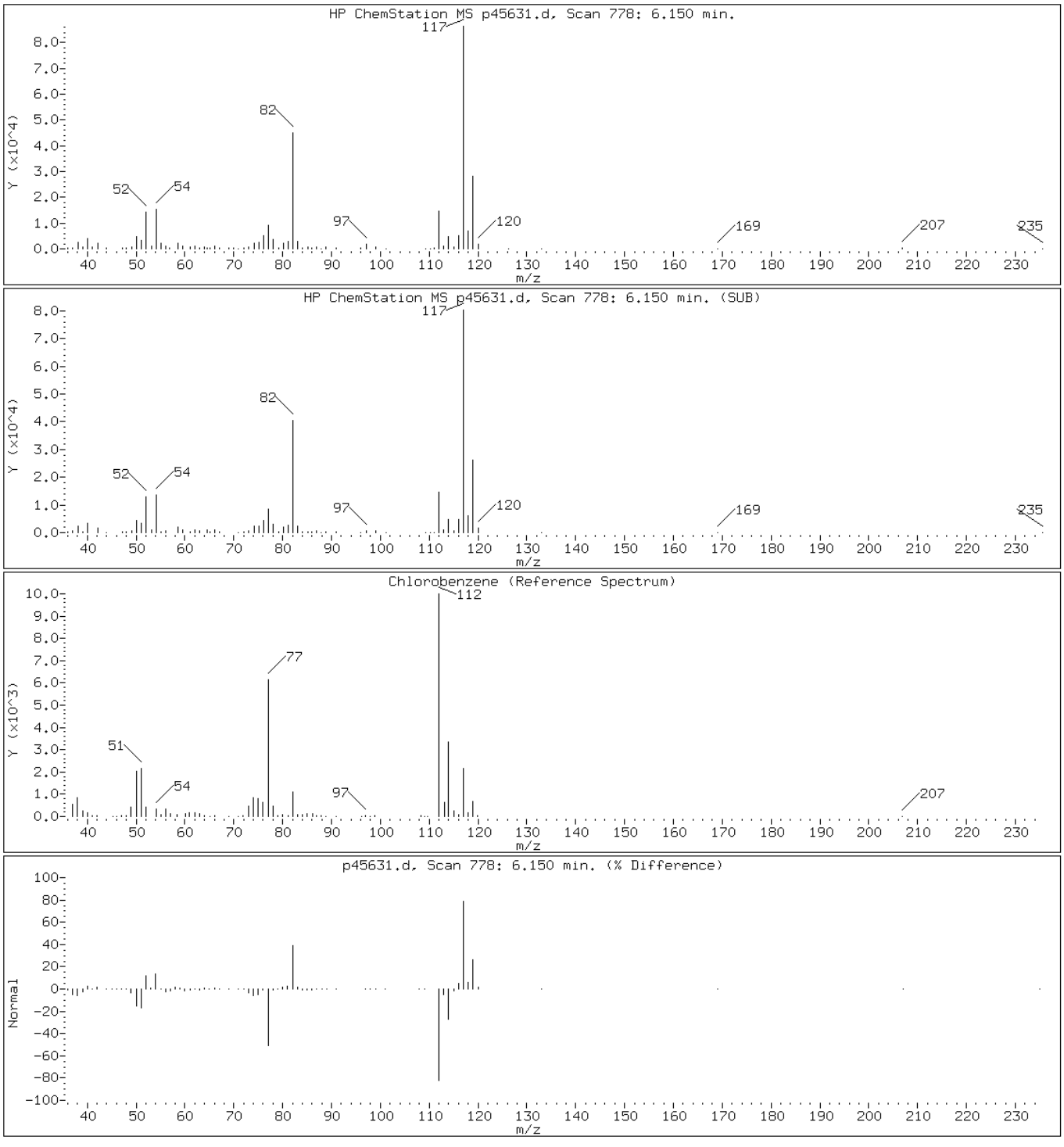
Data File: p45631.d

Date: 31-MAR-2011 13:58

Client ID: PMP-24-WT-E (6.5-8. Instrument: VOAMS13.i

Sample Info: 460-24280-D-12-A;1000;;7.5;5 Operator:

79 Chlorobenzene



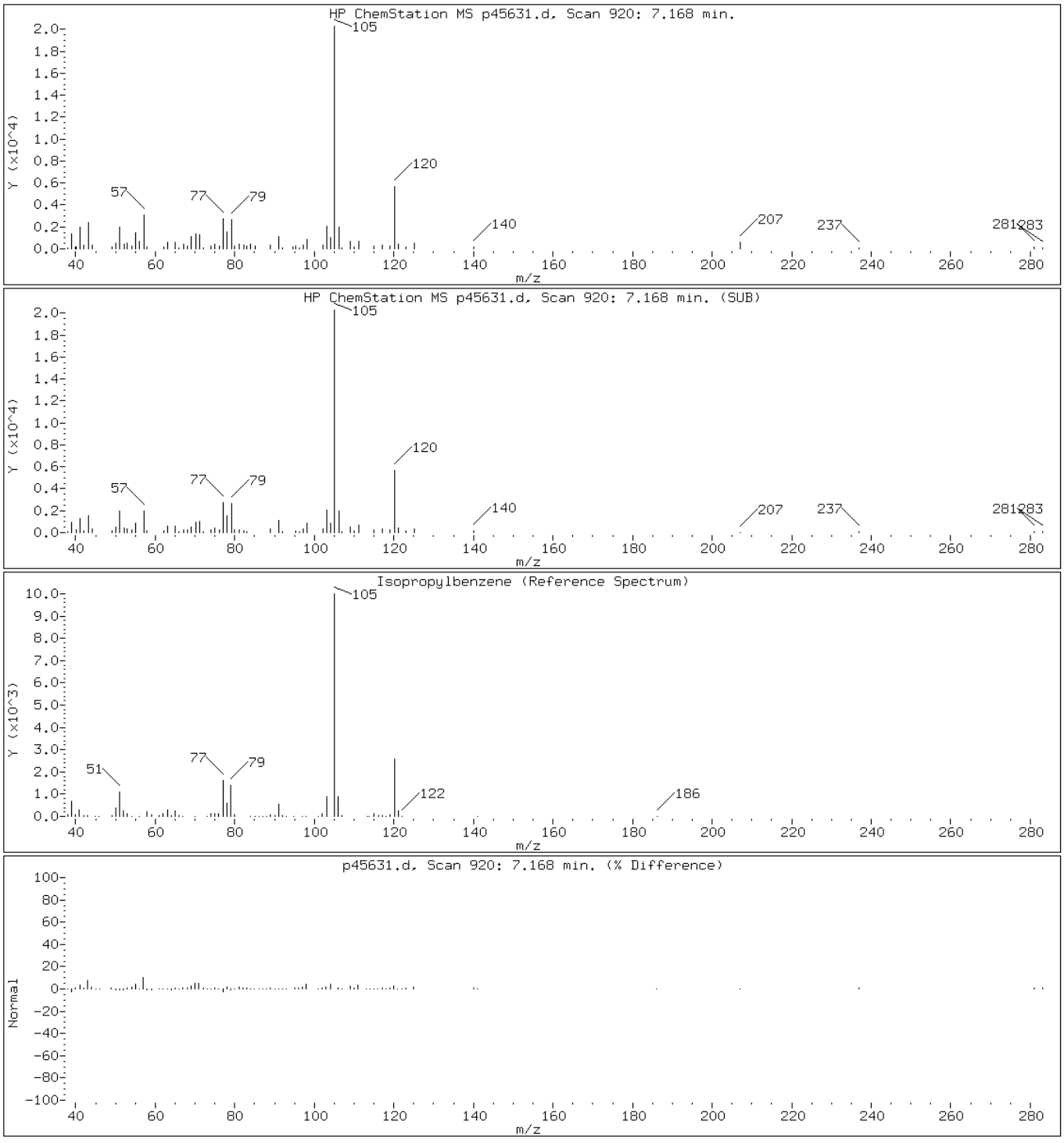
Data File: p45631.d

Date: 31-MAR-2011 13:58

Client ID: PMP-24-WT-E (6.5-8. Instrument: VOAMS13.i

Sample Info: 460-24280-D-12-A;1000;;7.5;5 Operator:

88 Isopropylbenzene



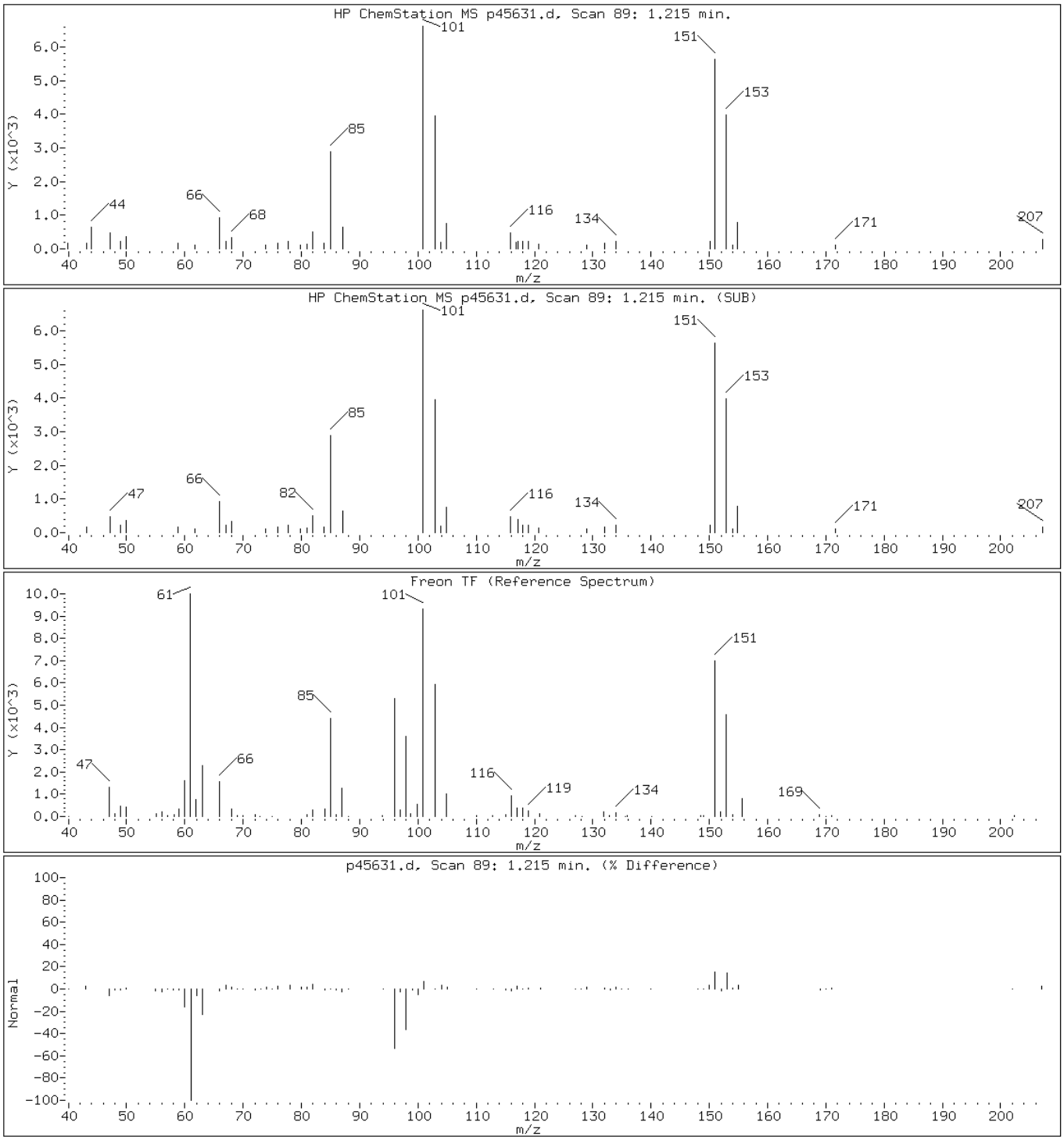
Data File: p45631.d

Date: 31-MAR-2011 13:58

Client ID: PMP-24-WT-E (6.5-8. Instrument: VOAMS13.i

Sample Info: 460-24280-D-12-A;1000;;7.5;5 Operator:

14 Freon TF



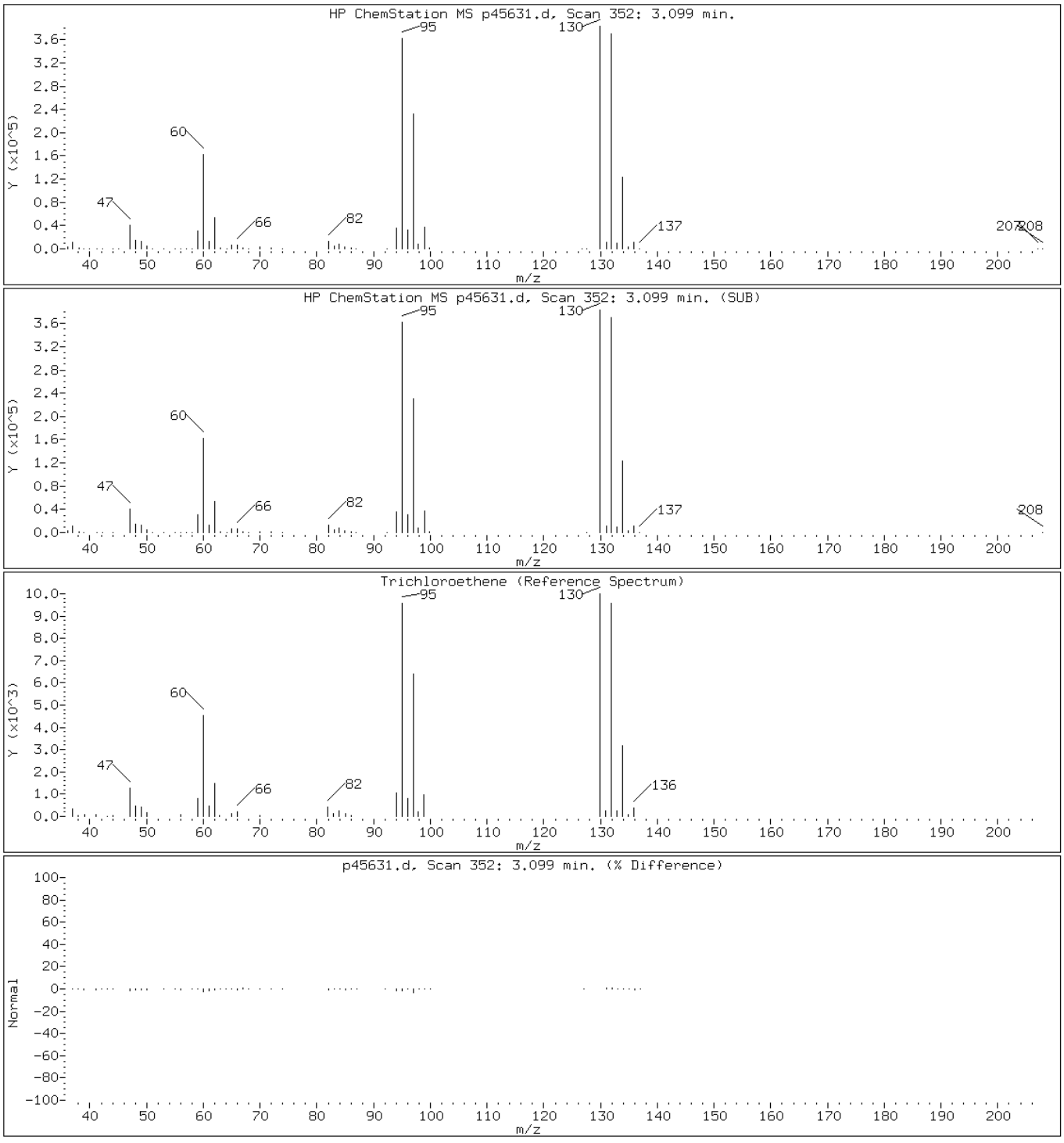
Data File: p45631.d

Date: 31-MAR-2011 13:58

Client ID: PMP-24-WT-E (6.5-8. Instrument: VOAMS13.i

Sample Info: 460-24280-D-12-A;1000;;7.5;5 Operator:

54 Trichloroethene



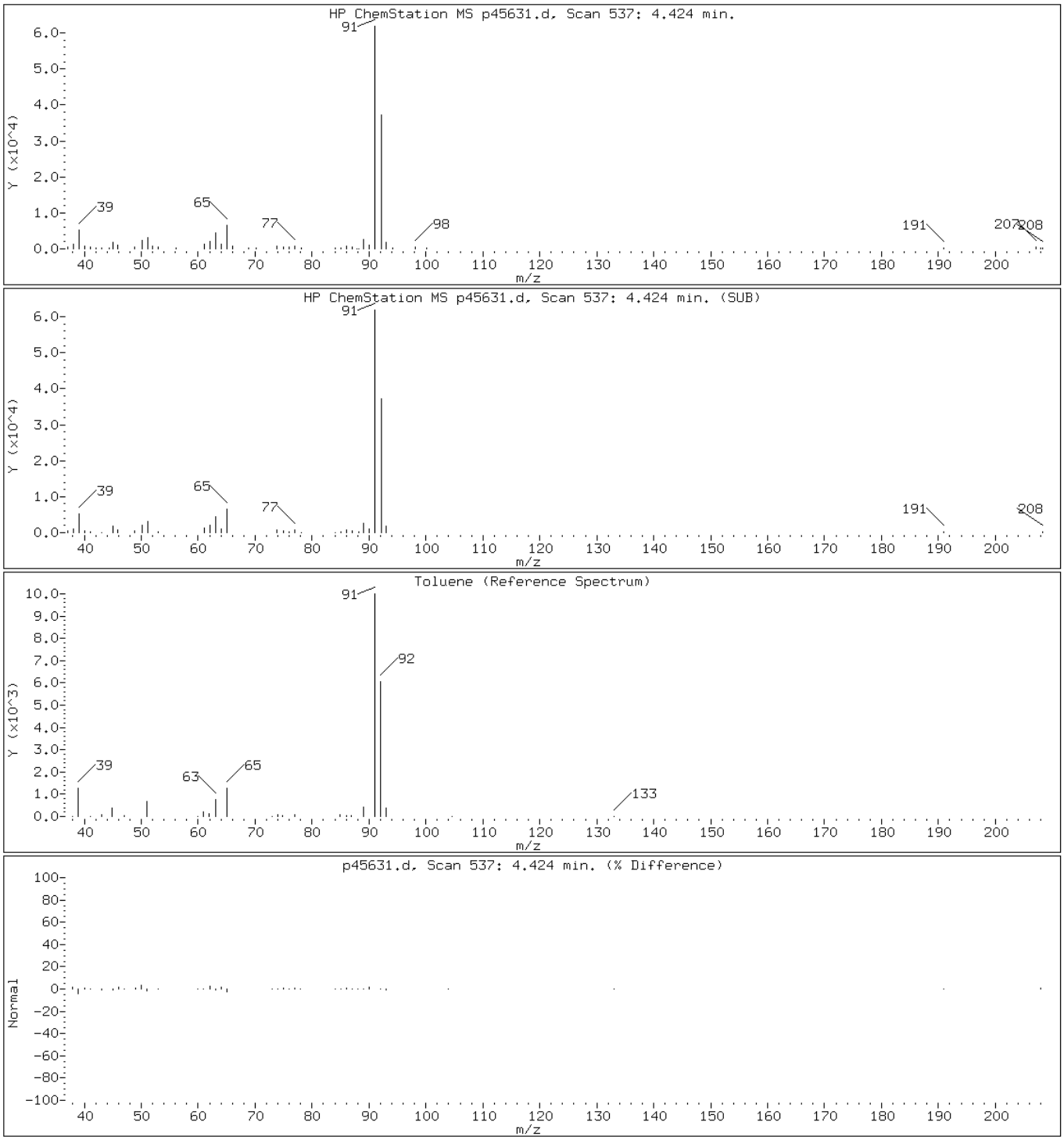
Data File: p45631.d

Date: 31-MAR-2011 13:58

Client ID: PMP-24-WT-E (6.5-8. Instrument: VOAMS13.i

Sample Info: 460-24280-D-12-A;1000;;7.5;5 Operator:

66 Toluene



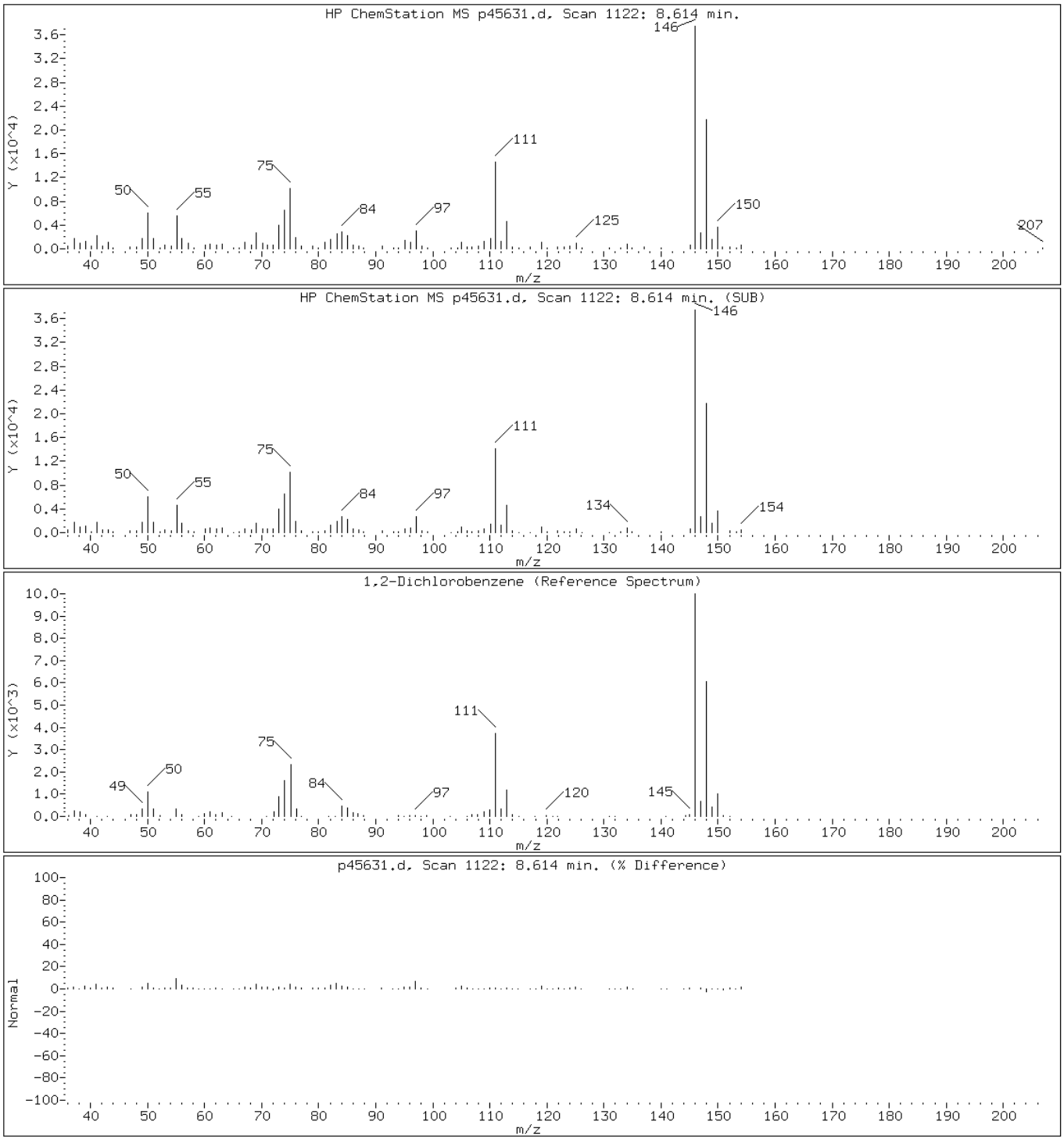
Data File: p45631.d

Date: 31-MAR-2011 13:58

Client ID: PMP-24-WT-E (6.5-8. Instrument: VOAMS13.i

Sample Info: 460-24280-D-12-A;1000;;7.5;5 Operator:

111 1,2-Dichlorobenzene



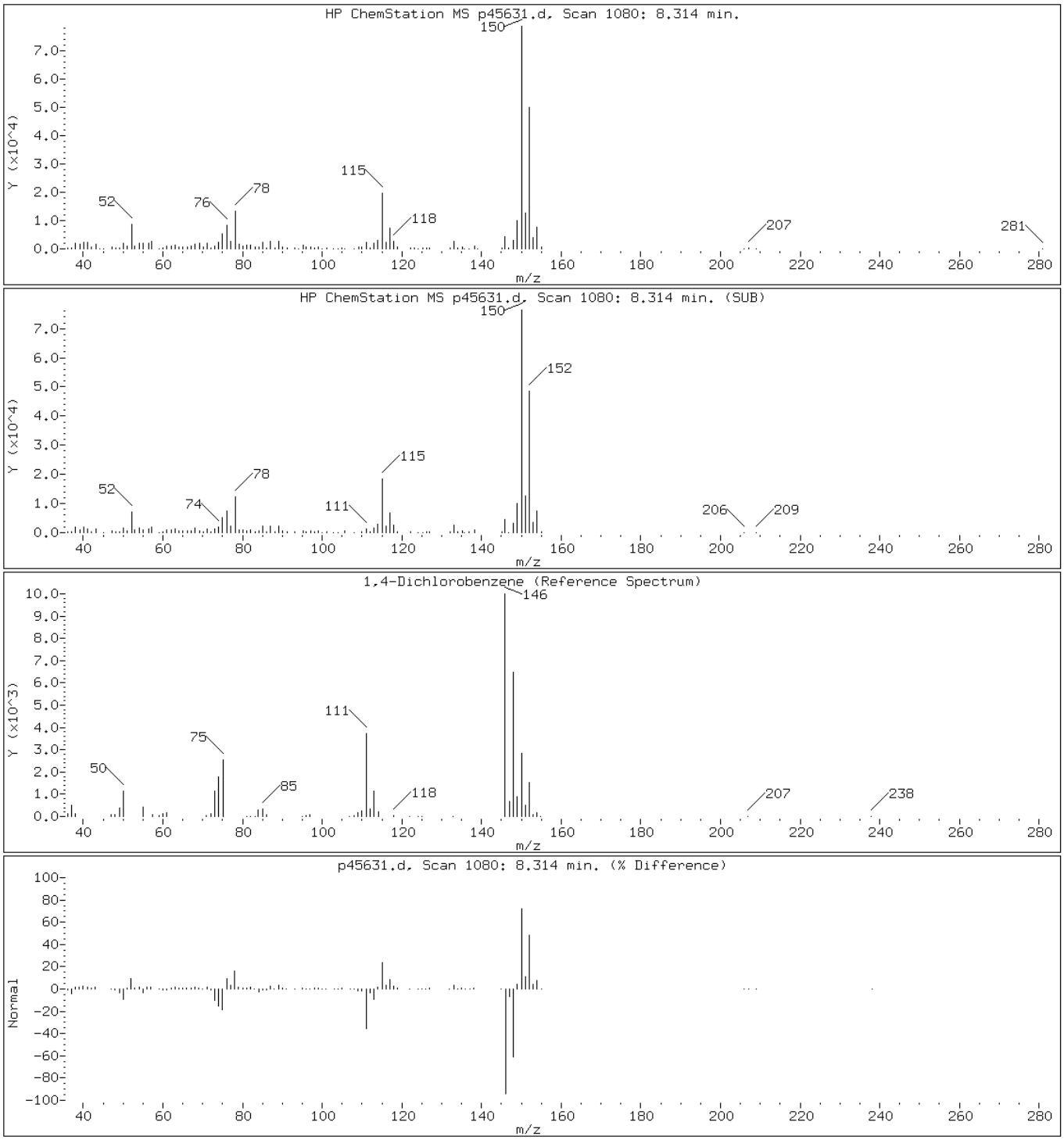
Data File: p45631.d

Date: 31-MAR-2011 13:58

Client ID: PMP-24-WT-E (6.5-8. Instrument: VOAMS13.i

Sample Info: 460-24280-D-12-A;1000;;7.5;5 Operator:

109 1,4-Dichlorobenzene



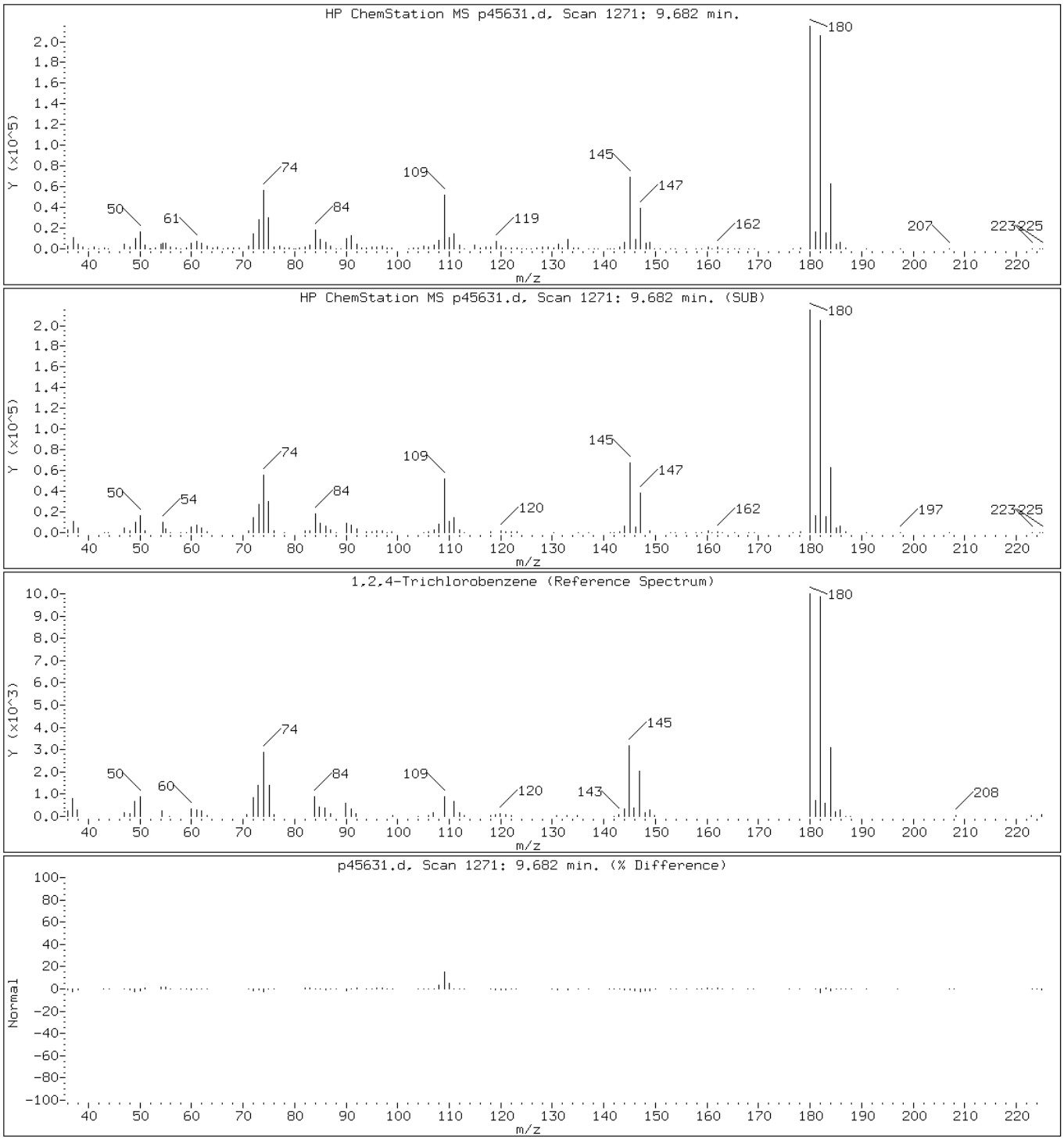
Data File: p45631.d

Date: 31-MAR-2011 13:58

Client ID: PMP-24-WT-E (6.5-8. Instrument: VOAMS13.i

Sample Info: 460-24280-D-12-A;1000;;7.5;5 Operator:

114 1,2,4-Trichlorobenzene



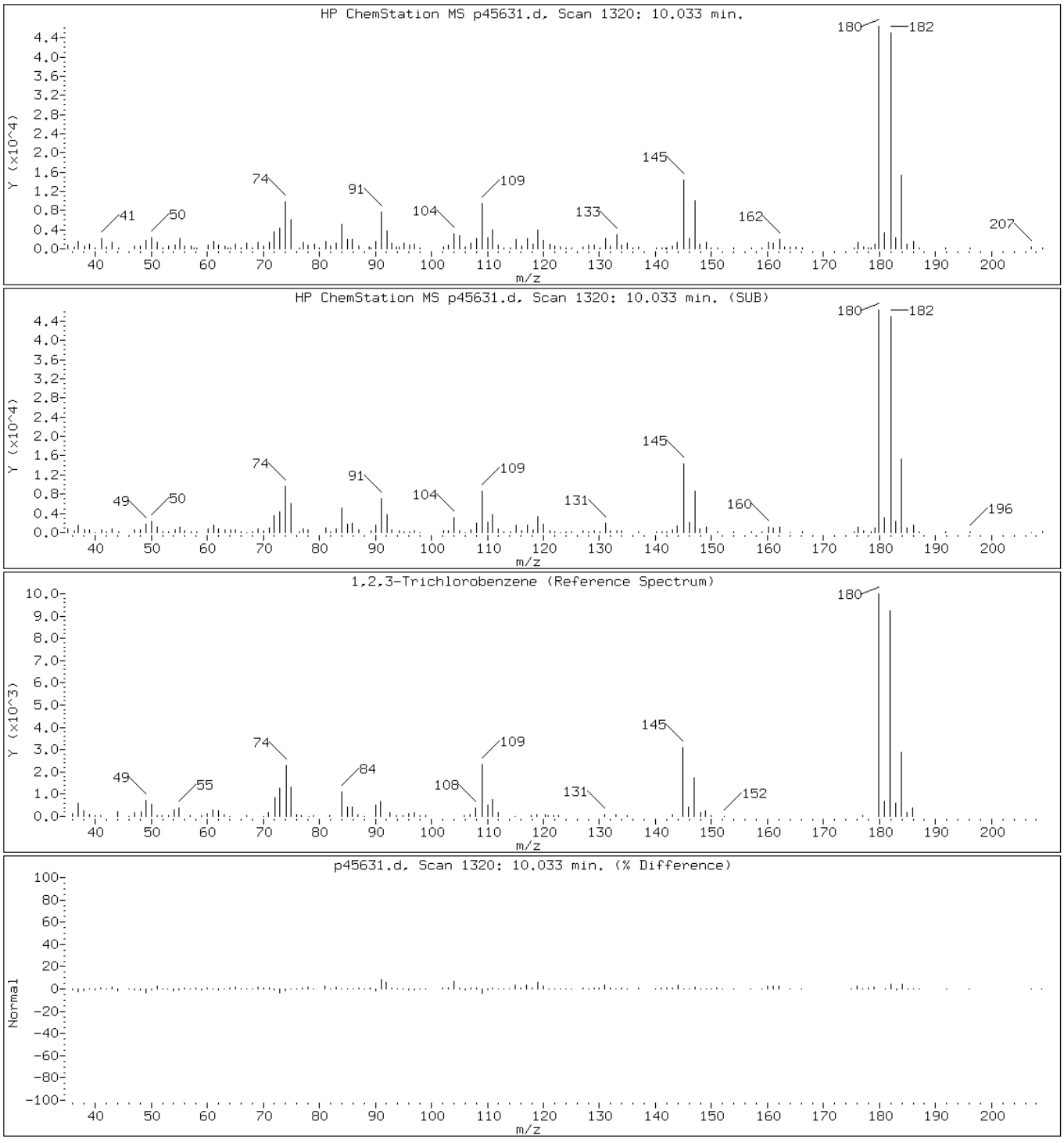
Data File: p45631.d

Date: 31-MAR-2011 13:58

Client ID: PMP-24-WT-E (6.5-8. Instrument: VOAMS13.i

Sample Info: 460-24280-D-12-A;1000;;7.5;5 Operator:

117 1,2,3-Trichlorobenzene



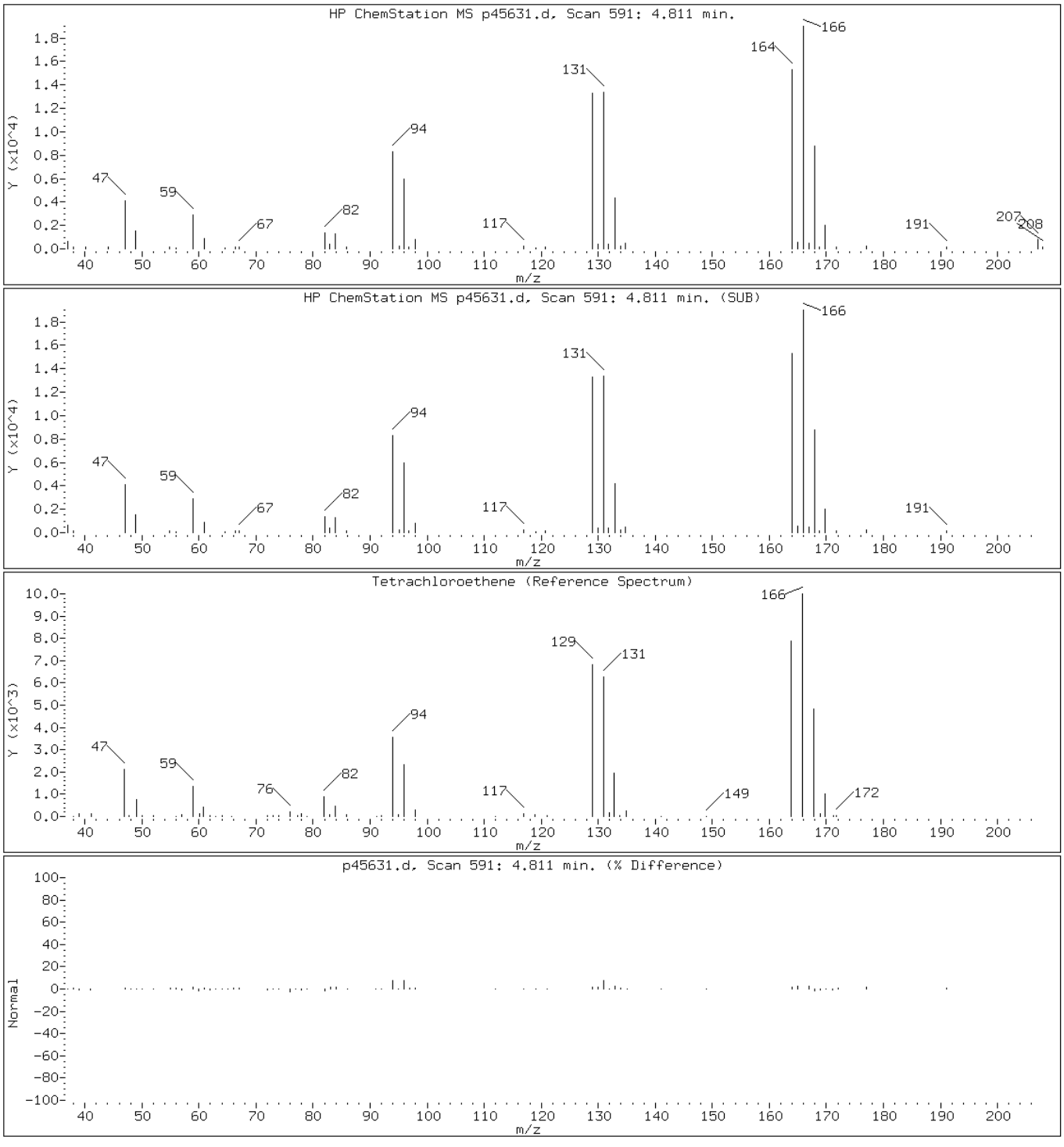
Data File: p45631.d

Date: 31-MAR-2011 13:58

Client ID: PMP-24-WT-E (6.5-8. Instrument: VOAMS13.i

Sample Info: 460-24280-D-12-A;1000;;7.5;5 Operator:

71 Tetrachloroethene



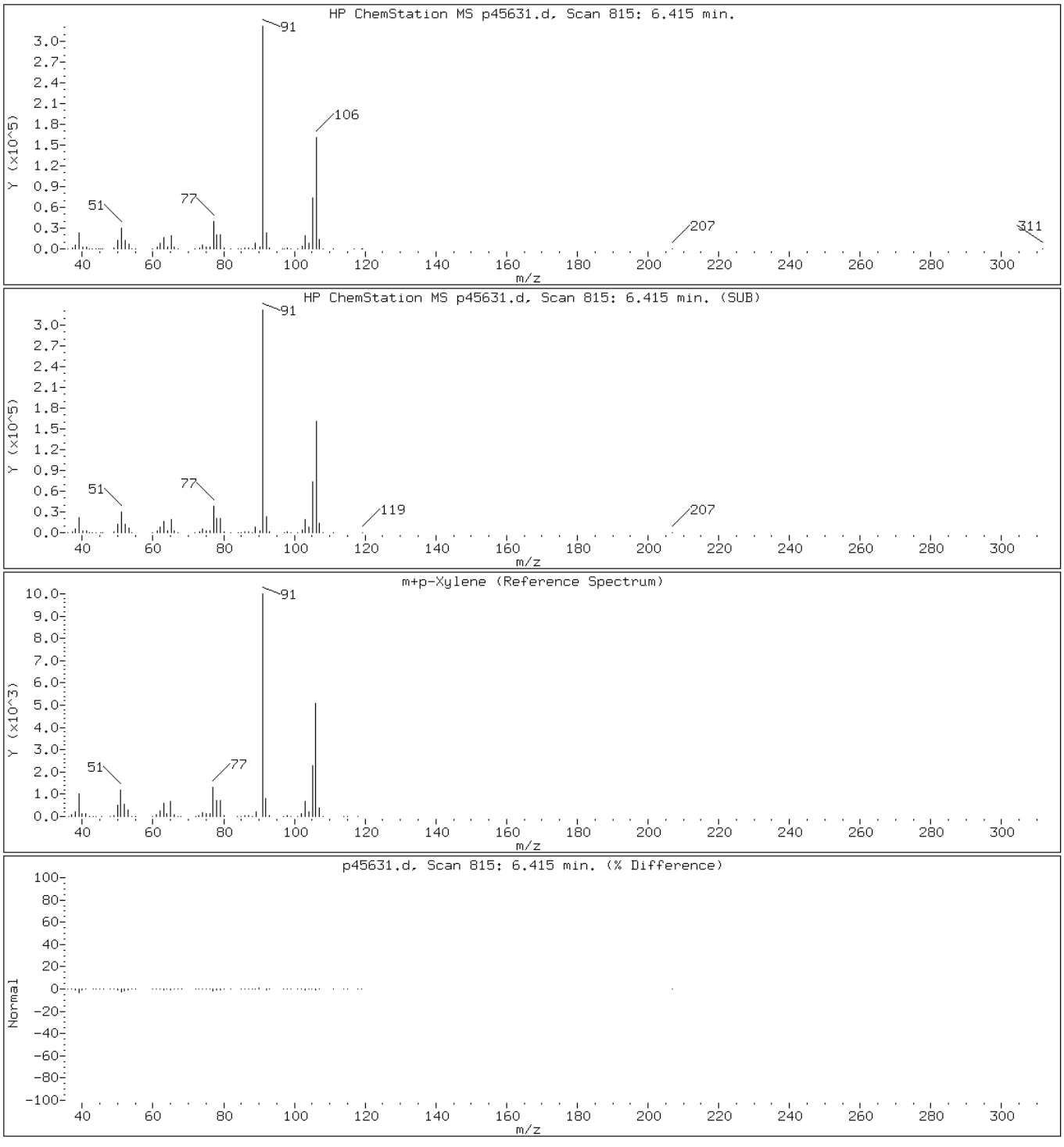
Data File: p45631.d

Date: 31-MAR-2011 13:58

Client ID: PMP-24-WT-E (6.5-8. Instrument: VOAMS13.i

Sample Info: 460-24280-D-12-A;1000;;7.5;5 Operator:

82 m+p-Xylene



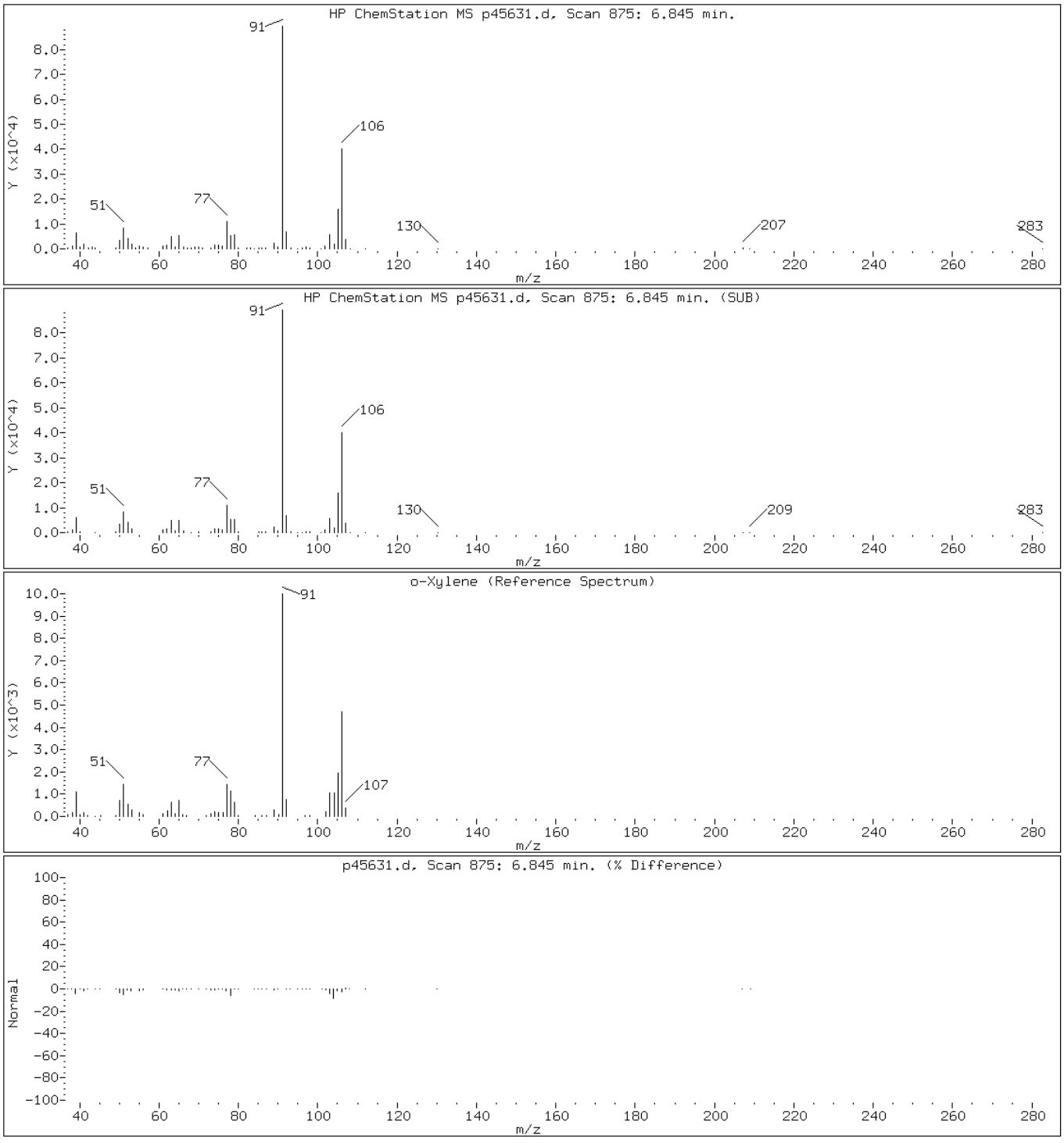
Data File: p45631.d

Date: 31-MAR-2011 13:58

Client ID: PMP-24-WT-E (6.5-8. Instrument: VOAMS13.i

Sample Info: 460-24280-D-12-A;1000;;7.5;5 Operator:

84 o-Xylene



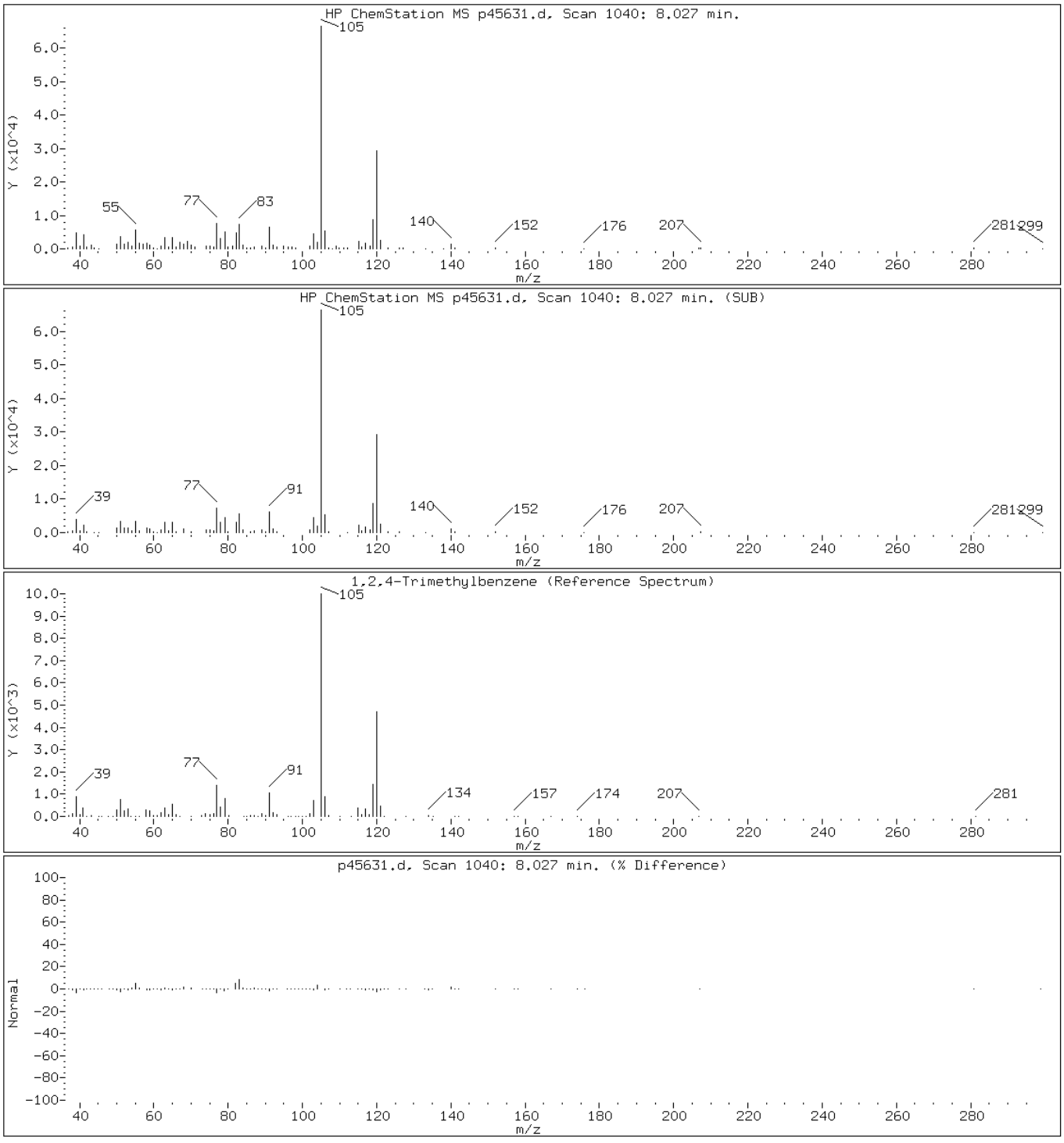
Data File: p45631.d

Date: 31-MAR-2011 13:58

Client ID: PMP-24-WT-E (6.5-8. Instrument: VOAMS13.i

Sample Info: 460-24280-D-12-A;1000;;7.5;5 Operator:

101 1,2,4-Trimethylbenzene



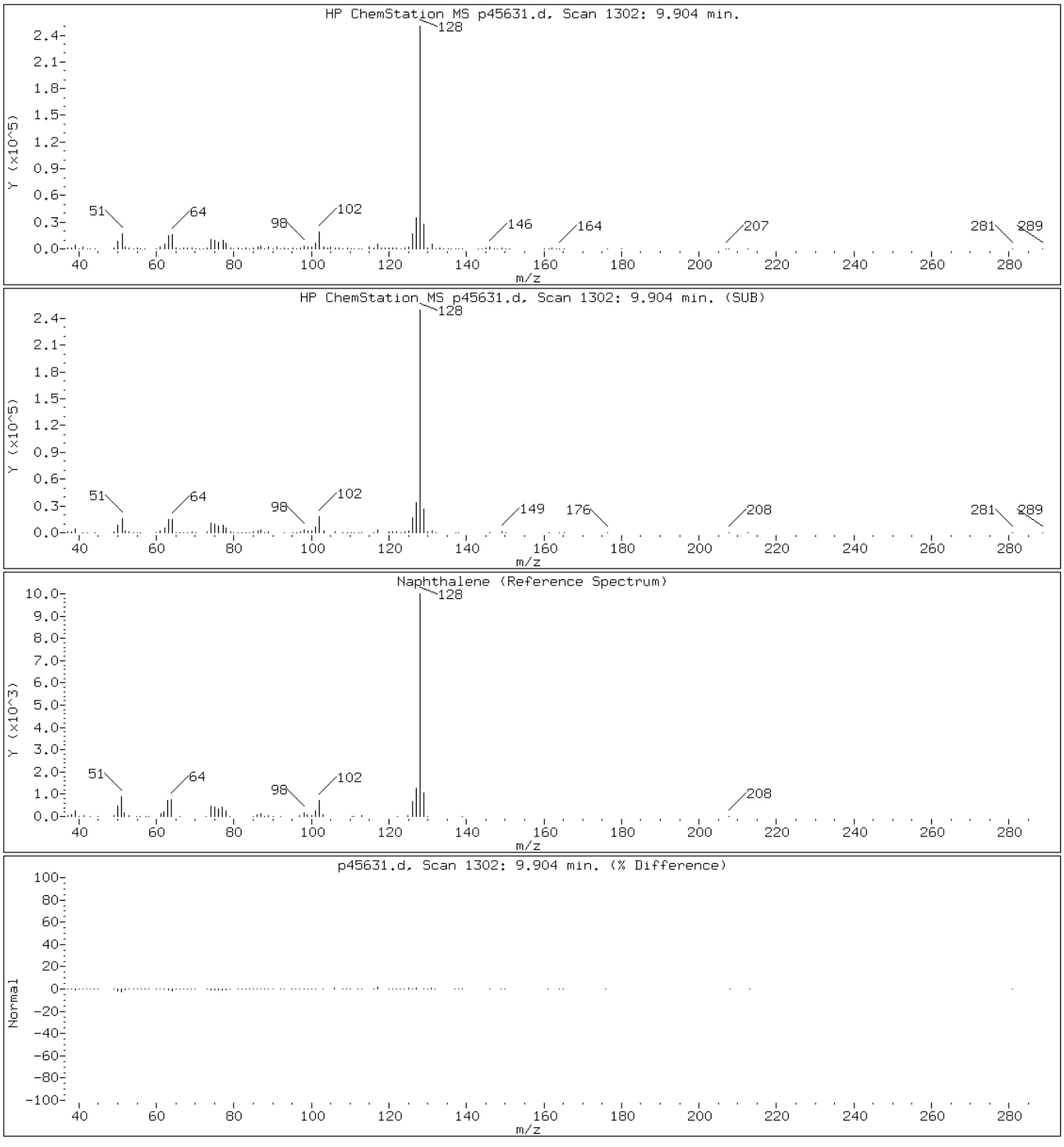
Data File: p45631.d

Date: 31-MAR-2011 13:58

Client ID: PMP-24-WT-E (6.5-8. Instrument: VOAMS13.i

Sample Info: 460-24280-D-12-A;1000;;7.5;5 Operator:

116 Naphthalene



Data File: p45631.d

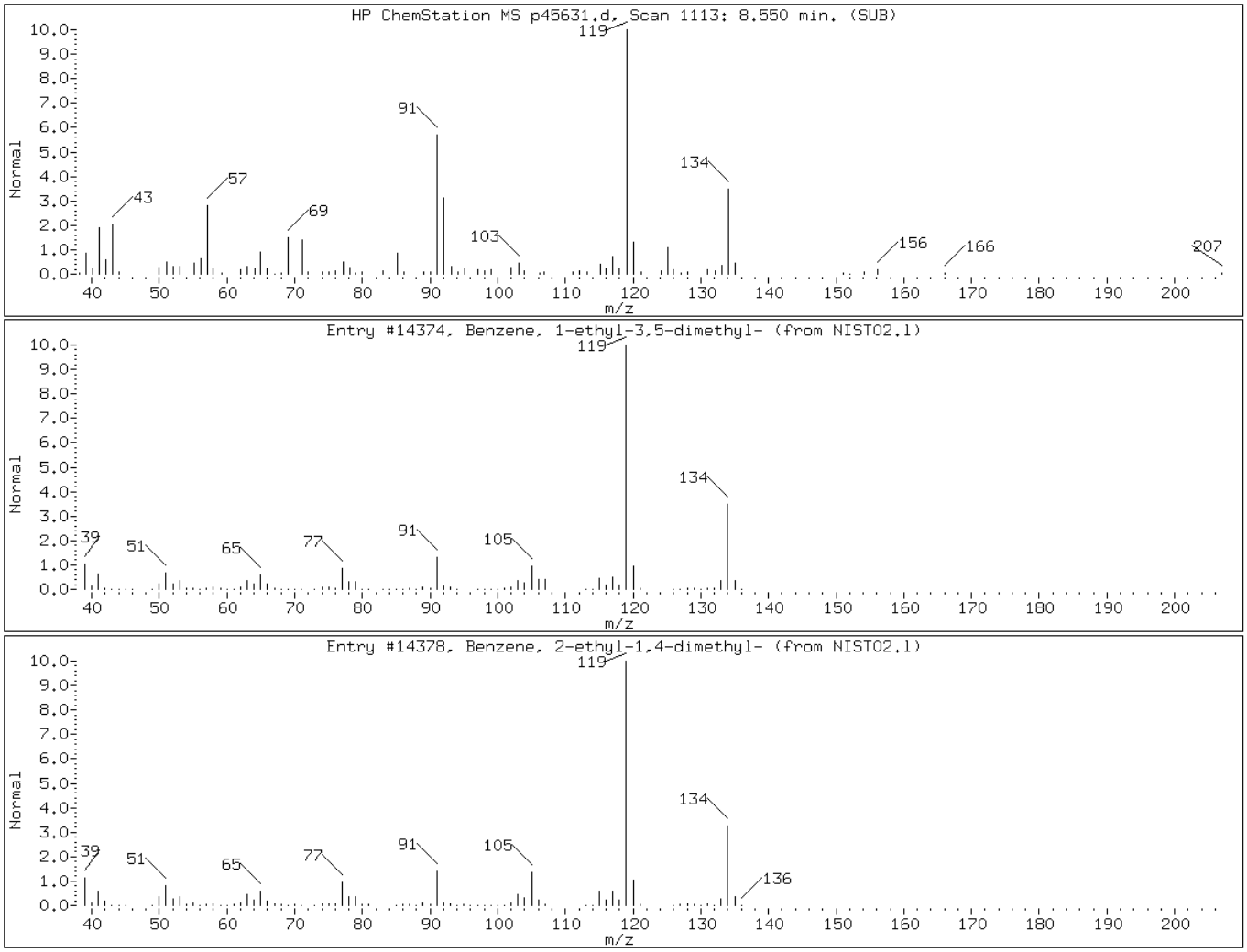
Date: 31-MAR-2011 13:58

Client ID: PMP-24-WT-E (6.5-8. Instrument: VOAMS13.i

Sample Info: 460-24280-D-12-A;1000;;7.5;5 Operator:

Retention Time: 8.55

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.l	14374	81	C10H14	134
Benzene, 2-ethyl-1,4-dimethyl-	1758-88-9	NIST02.l	14378	81	C10H14	134



Data File: p45631.d

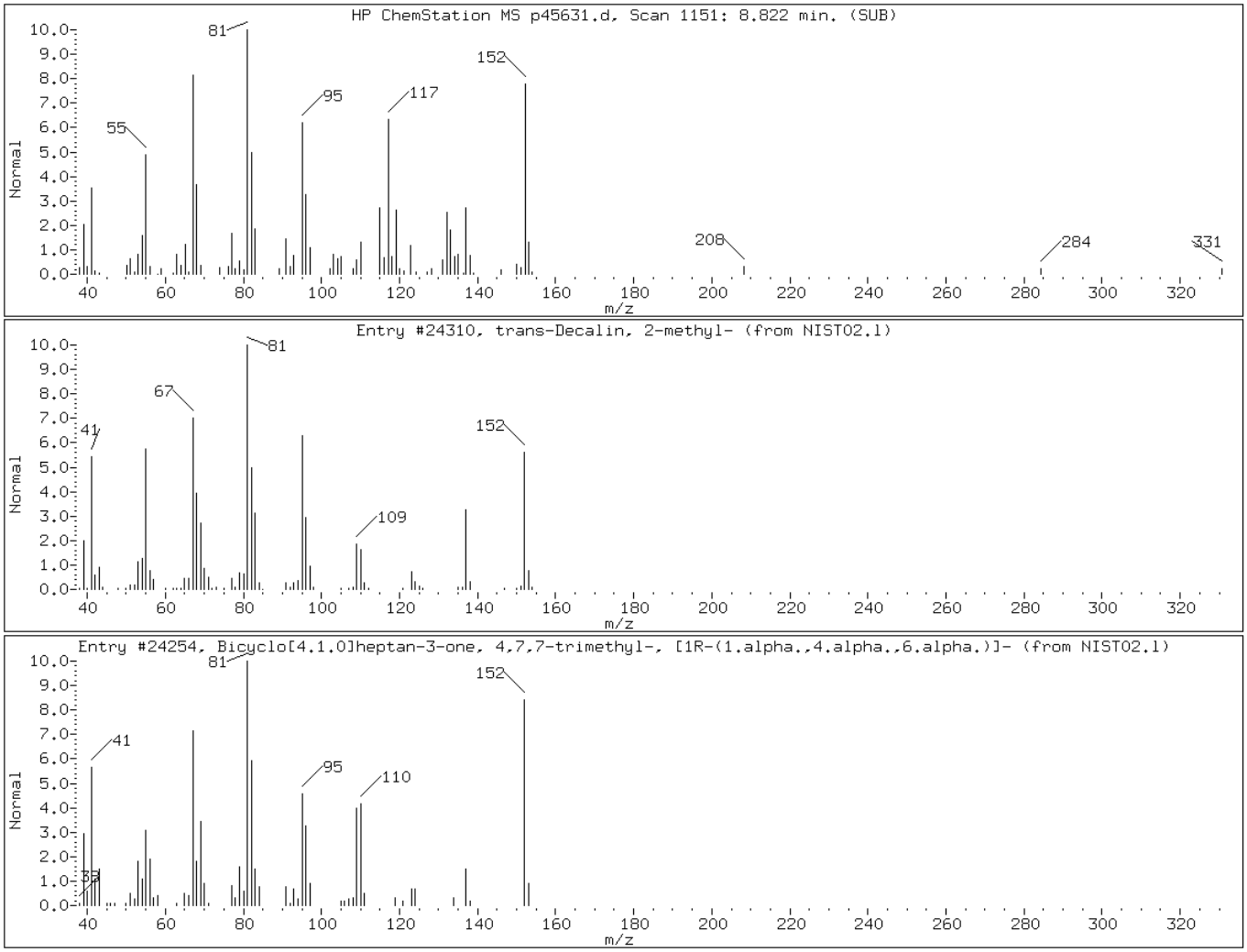
Date: 31-MAR-2011 13:58

Client ID: PMP-24-WT-E (6.5-8. Instrument: VOAMS13.i

Sample Info: 460-24280-D-12-A;1000;;7.5;5 Operator:

Retention Time: 8.82

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
trans-Decalin, 2-methyl-	1000152-47-3	NIST02.l	24310	76	C11H20	152
Bicyclo[4.1.0]heptan-3-one, 4,7,7-	4176-04-9	NIST02.l	24254	74	C10H16O	152



Data File: p45631.d

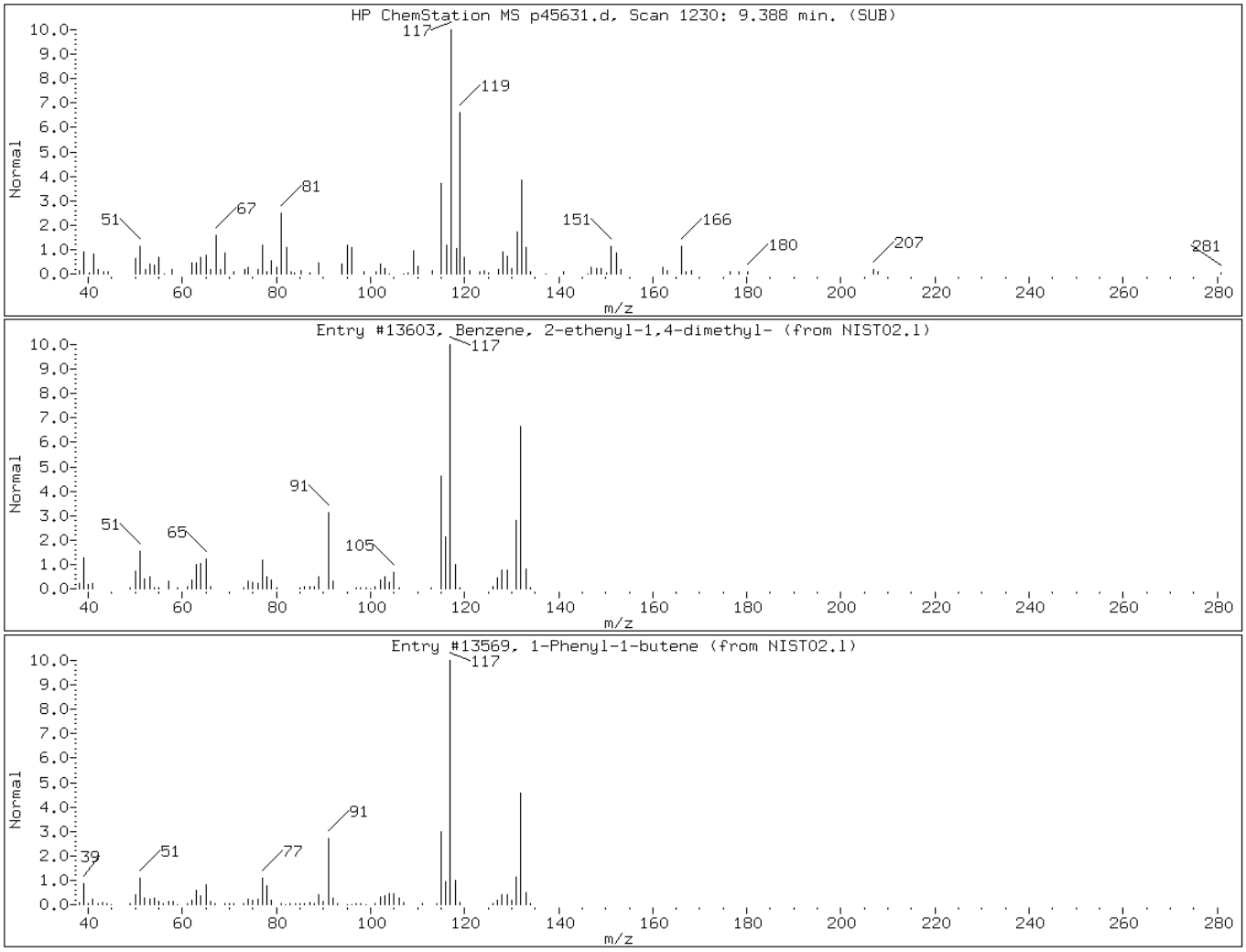
Date: 31-MAR-2011 13:58

Client ID: PMP-24-WT-E (6.5-8. Instrument: VOAMS13.i

Sample Info: 460-24280-D-12-A;1000;;7.5;5 Operator:

Retention Time: 9.39

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic						
Benzene, 2-ethenyl-1,4-dimethyl-	2039-89-6	NIST02.l	13603	83	C10H12	132
1-Phenyl-1-butene	824-90-8	NIST02.l	13569	70	C10H12	132



Data File: p45631.d

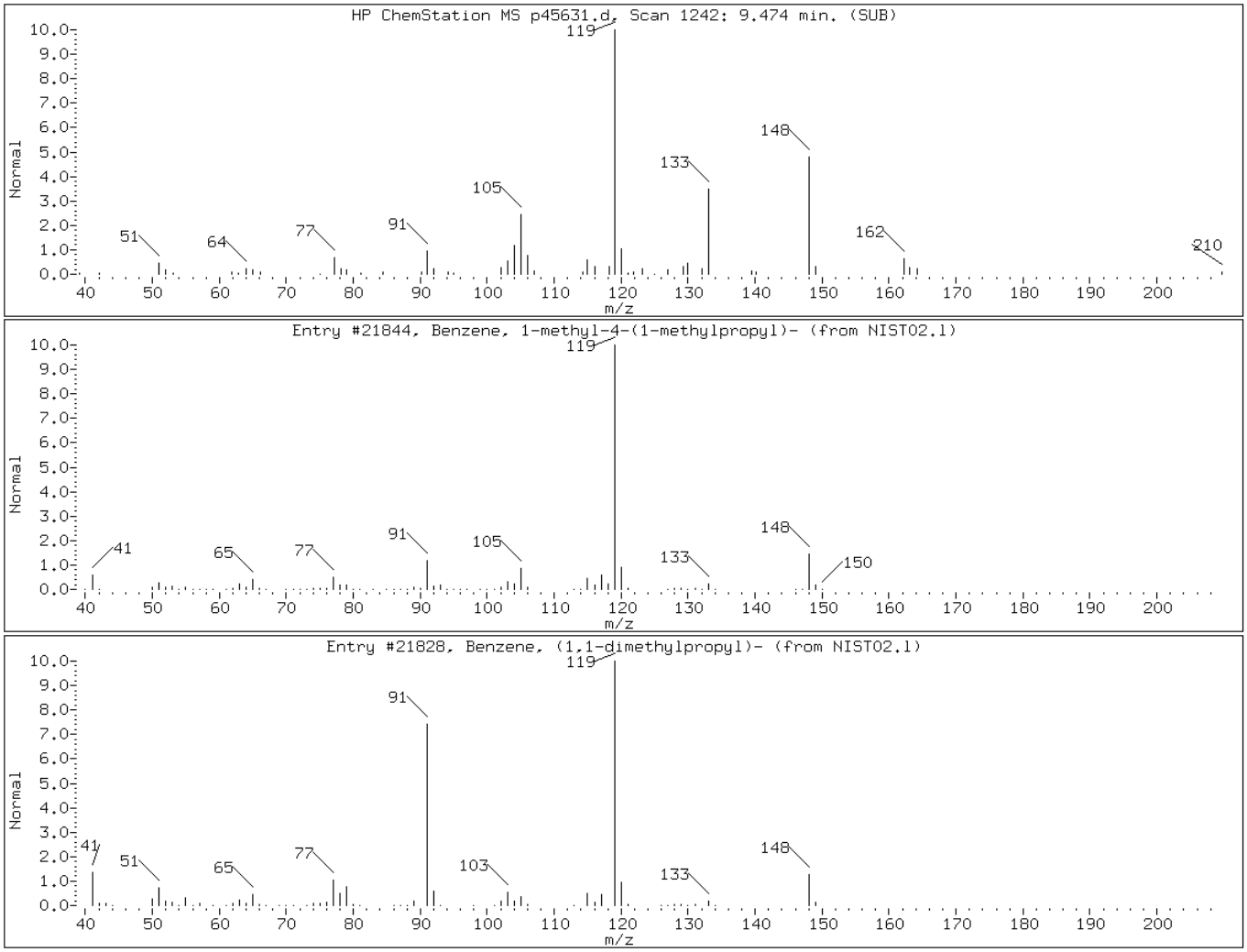
Date: 31-MAR-2011 13:58

Client ID: PMP-24-WT-E (6.5-8. Instrument: VOAMS13.i

Sample Info: 460-24280-D-12-A;1000;;7.5;5 Operator:

Retention Time: 9.47

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	53	C11H16	148
Benzene, (1,1-dimethylpropyl)-	2049-95-8	NIST02.l	21828	50	C11H16	148



Data File: p45631.d

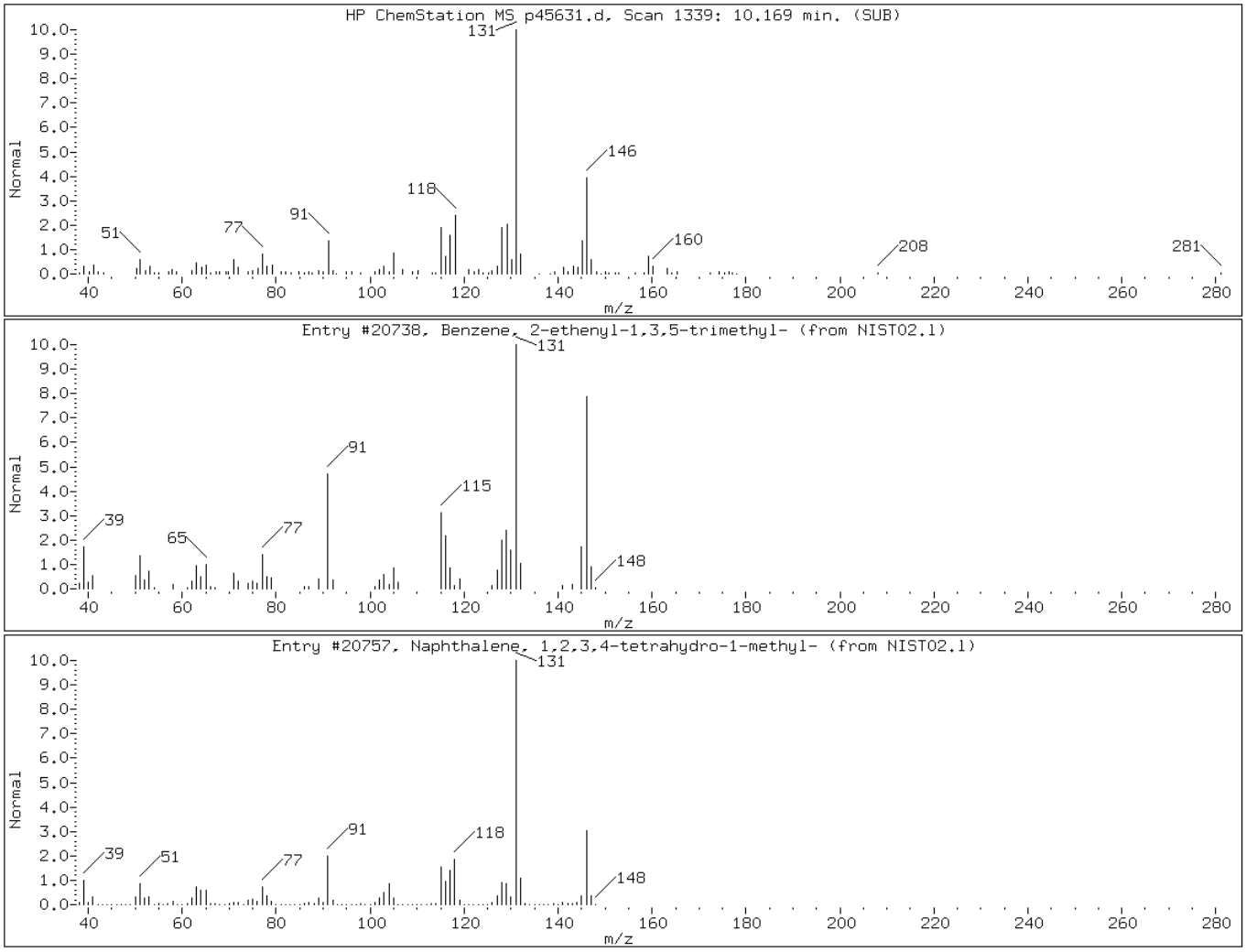
Date: 31-MAR-2011 13:58

Client ID: PMP-24-WT-E (6.5-8. Instrument: VOAMS13.i

Sample Info: 460-24280-D-12-A;1000;;7.5;5 Operator:

Retention Time: 10.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H14 Aromatic						
Benzene, 2-ethenyl-1,3,5-trimethyl	769-25-5	NIST02.l	20738	80	C11H14	146
Naphthalene, 1,2,3,4-tetrahydro-1-	1559-81-5	NIST02.l	20757	80	C11H14	146



Data File: p45631.d

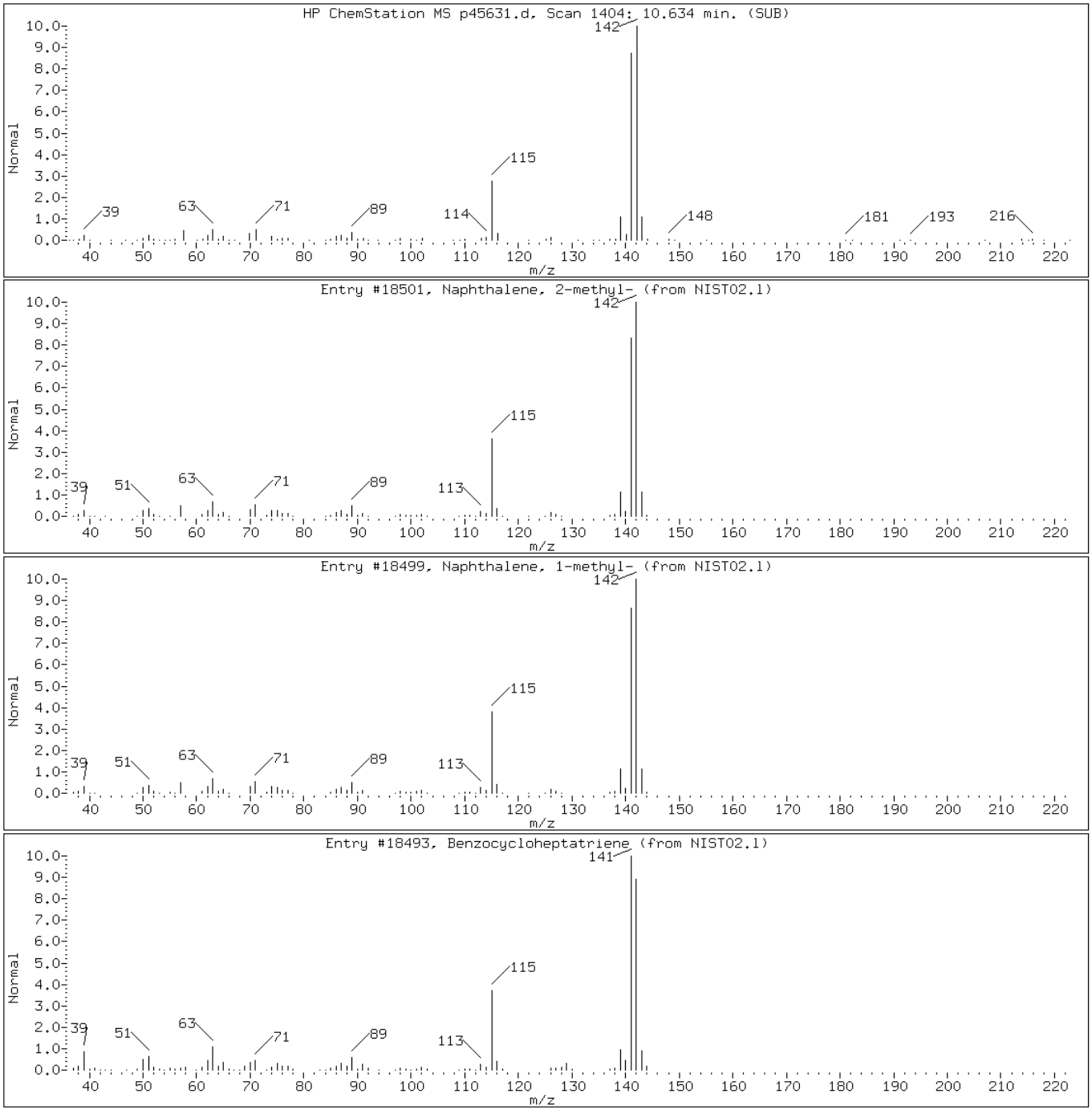
Date: 31-MAR-2011 13:58

Client ID: PMP-24-WT-E (6.5-8. Instrument: VOAMS13.i

Sample Info: 460-24280-D-12-A;1000;;7.5;5 Operator:

Retention Time: 10.63

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 2-methyl-	91-57-6	NIST02.l	18501	97	C11H10	142
Naphthalene, 1-methyl-	90-12-0	NIST02.l	18499	94	C11H10	142
Benzocycloheptatriene	264-09-5	NIST02.l	18493	91	C11H10	142



Data File: p45631.d

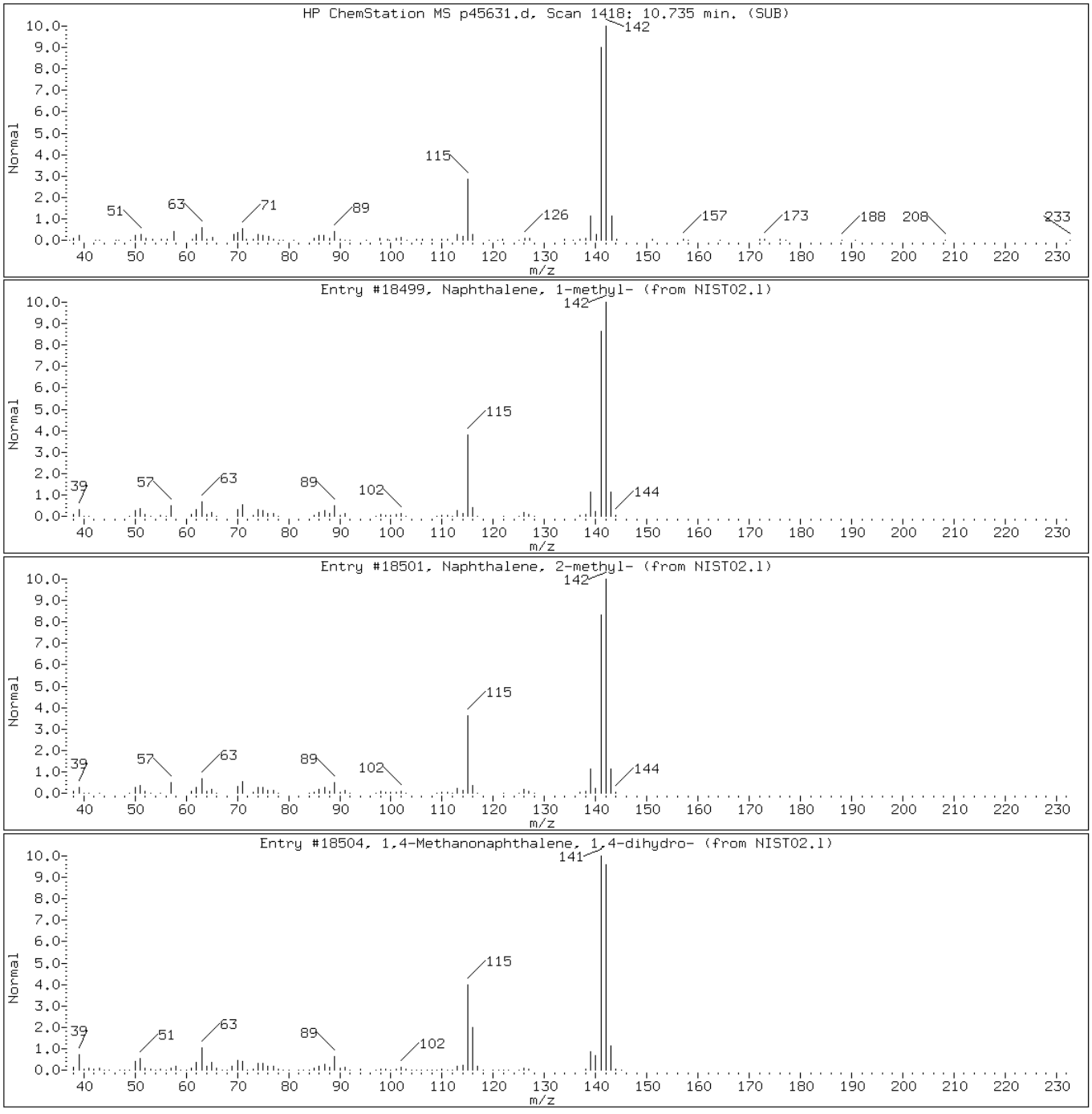
Date: 31-MAR-2011 13:58

Client ID: PMP-24-WT-E (6.5-8. Instrument: VOAMS13.i

Sample Info: 460-24280-D-12-A;1000;;7.5;5 Operator:

Retention Time: 10.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 1-methyl-	90-12-0	NIST02.l	18499	94	C11H10	142
Naphthalene, 2-methyl-	91-57-6	NIST02.l	18501	95	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.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-SI-E (10.5-12.5) | Lab Sample ID: 460-24280-13

Matrix: Solid | Lab File ID: p45632.d

Analysis Method: 8260B | Date Collected: 03/17/2011 10:40

Sample wt/vol: 12.54(g) | Date Analyzed: 03/31/2011 14:23

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 200

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.1 | Level: (low/med) Medium

Analysis Batch No.: 69082 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	93	U	93	20
74-83-9	Bromomethane	93	U	93	29
75-01-4	Vinyl chloride	93	U	93	11
75-00-3	Chloroethane	93	U	93	41
75-09-2	Methylene Chloride	93	U	93	18
67-64-1	Acetone	2200		930	230
75-15-0	Carbon disulfide	78	J	93	14
75-69-4	Trichlorofluoromethane	93	U	93	15
75-35-4	1,1-Dichloroethene	93	U	93	13
75-34-3	1,1-Dichloroethane	93	U	93	9.3
156-60-5	trans-1,2-Dichloroethene	93	U	93	13
156-59-2	cis-1,2-Dichloroethene	1100		93	18
67-66-3	Chloroform	93	U	93	14
78-93-3	2-Butanone	930	U	930	76
107-06-2	1,2-Dichloroethane	93	U	93	23
71-55-6	1,1,1-Trichloroethane	93	U	93	23
56-23-5	Carbon tetrachloride	93	U	93	17
71-43-2	Benzene	93	U	93	11
75-25-2	Bromoform	93	U	93	9.2
100-42-5	Styrene	13	J	93	13
100-41-4	Ethylbenzene	7800		93	23
108-90-7	Chlorobenzene	470		93	15
110-82-7	Cyclohexane	140		93	11
98-82-8	Isopropylbenzene	1500		93	20
591-78-6	2-Hexanone	930	U	930	51
1634-04-4	MTBE	93	U	93	17
76-13-1	Freon TF	130		93	27
79-20-9	Methyl acetate	93	J	190	30
123-91-1	1,4-Dioxane	4600	U	4600	790
79-01-6	Trichloroethene	100		93	16
108-88-3	Toluene	1400		93	8.8
10061-02-6	trans-1,3-Dichloropropene	93	U	93	11
108-10-1	4-Methyl-2-pentanone	930	U	930	63
10061-01-5	cis-1,3-Dichloropropene	93	U	93	9.5
95-50-1	1,2-Dichlorobenzene	1400		93	15
541-73-1	1,3-Dichlorobenzene	26	J	93	21

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-SI-E (10.5-12.5) Lab Sample ID: 460-24280-13

Matrix: Solid Lab File ID: p45632.d

Analysis Method: 8260B Date Collected: 03/17/2011 10:40

Sample wt/vol: 12.54(g) Date Analyzed: 03/31/2011 14:23

Soil Aliquot Vol: 5 (mL) Dilution Factor: 200

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.1 Level: (low/med) Medium

Analysis Batch No.: 69082 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	180		93	14
120-82-1	1,2,4-Trichlorobenzene	11000		93	40
87-61-6	1,2,3-Trichlorobenzene	2700		93	77
78-87-5	1,2-Dichloropropane	93	U	93	8.1
108-87-2	Methylcyclohexane	1700		93	7.4
127-18-4	Tetrachloroethene	62	J	93	18
1330-20-7	Xylenes, Total	15000		280	40
96-12-8	1,2-Dibromo-3-Chloropropane	93	U	93	14
79-34-5	1,1,2,2-Tetrachloroethane	93	U	93	8.0
79-00-5	1,1,2-Trichloroethane	93	U	93	9.0
124-48-1	Dibromochloromethane	93	U	93	9.3
106-93-4	1,2-Dibromoethane	93	U	93	8.5
75-71-8	Dichlorodifluoromethane	93	U	93	26
74-97-5	Bromochloromethane	93	U *	93	16
75-27-4	Bromodichloromethane	93	U	93	8.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		57-135
2037-26-5	Toluene-d8 (Surr)	105		46-130
460-00-4	Bromofluorobenzene	117		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-SI-E (10.5-12.5) Lab Sample ID: 460-24280-13

Matrix: Solid Lab File ID: p45632.d

Analysis Method: 8260B Date Collected: 03/17/2011 10:40

Sample wt/vol: 12.54(g) Date Analyzed: 03/31/2011 14:23

Soil Aliquot Vol: 5 (mL) Dilution Factor: 200

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.1 Level: (low/med) Medium

Analysis Batch No.: 69082 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 155600

CAS NO.	COMPOUND NAME	RT	RESULT	Q
95-63-6	1,2,4-Trimethylbenzene	8.03	19000	
	Trimethylbenzene isomer	8.36	11000	J
	Ethyldimethylbenzene isomer	8.76	8900	J
	Ethyldimethylbenzene isomer-1	8.81	7900	J
	C11H14 Aromatic	9.27	7900	J
	C10H12 Aromatic	9.40	9900	J
	Tetramethylbenzene isomer-1	9.42	11000	J
91-20-3	Naphthalene	9.90	34000	
91-57-6	Naphthalene, 2-methyl-	10.63	32000	J N
90-12-0	Naphthalene, 1-methyl-	10.73	14000	J N

Data File: /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45632.d
Report Date: 31-Mar-2011 15:41

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45632.d
Lab Smp Id: 460-24280-D-13-A Client Smp ID: PMP-24-SI-E (10.5-1
Inj Date : 31-MAR-2011 14:23
Operator : Inst ID: VOAMS13.i
Smp Info : 460-24280-D-13-A;200;;12.54;5
Misc Info : 460-24280-D-13-A
Comment   :
Method   : /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/8260_09.m
Meth Date : 31-Mar-2011 12:56 desais Quant Type: ISTD
Cal Date : 03-MAR-2011 04:37 Cal File: p44665.d
Als bottle: 7
Dil Factor: 200.00000
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	200.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	12.54000	Weight of sample extracted (g)
M	14.07703	% 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)
	14 Freon TF	101	1.201	1.208	(0.404)	3675	1.45245	130
	16 Acetone	58	1.487	1.480	(0.501)	5819	24.0543	2200
	18 Carbon Disulfide	76	1.193	1.201	(0.402)	7164	0.83918	78(a)
	27 Methyl Acetate	74	1.537	1.537	(0.518)	672	1.00568	93
	36 cis-1,2-Dichloroethene	96	2.132	2.132	(0.718)	38348	12.0567	1100
	44 Cyclohexane	56	2.232	2.232	(0.752)	7652	1.52507	140
$	47 1,2-Dichloroethane-d4 (SUR)	65	2.762	2.769	(0.930)	46115	13.5388	1200
	51 n-Heptane	57	2.655	2.655	(0.894)	5326	3.54371	330(a)
*	52 Fluorobenzene	96	2.970	2.970	(1.000)	645514	50.0000	
	54 Trichloroethene	95	3.099	3.099	(1.043)	3286	1.12034	100
	56 Methyl cyclohexane	83	3.070	3.070	(1.034)	73923	17.9485	1700
$	65 Toluene-d8 (SUR)	98	4.374	4.374	(0.714)	152613	13.0808	1200
	66 Toluene	91	4.424	4.424	(0.722)	214346	14.9790	1400
	71 Tetrachloroethene	166	4.804	4.811	(0.784)	2195	0.67303	62(a)

Data File: /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45632.d
Report Date: 31-Mar-2011 15:41

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
*	78 Chlorobenzene-d5	117	6.129	6.129	(1.000)	514981	50.0000	
	79 Chlorobenzene	112	6.150	6.150	(1.004)	45724	5.09976	470
	81 Ethylbenzene	106	6.229	6.236	(1.016)	398051	84.2429	7800
	82 m+p-Xylene	106	6.415	6.415	(1.047)	526091	86.9966	8100
	84 o-Xylene	106	6.845	6.845	(1.117)	424157	74.9257	7000
	85 Styrene	104	6.910	6.910	(1.127)	1500	0.13811	13(a)
	88 Isopropylbenzene	105	7.167	7.167	(1.169)	212930	15.8314	1500
$	89 Bromofluorobenzene (SUR)	174	7.389	7.390	(0.890)	63022	14.5782	1400
	95 n-Propylbenzene	91	7.533	7.533	(0.908)	333474	18.4288	1700
	97 1,3,5-Trimethylbenzene	105	7.726	7.726	(0.931)	262595	20.8592	1900
	100 tert-Butylbenzene	119	7.963	7.963	(0.959)	15238	1.50520	140
	101 1,2,4-Trimethylbenzene	105	8.027	8.027	(0.967)	2706611	201.308	19000
	103 sec-Butylbenzene	105	8.106	8.106	(0.977)	187139	12.6629	1200
	105 1,3-Dichlorobenzene	146	8.242	8.235	(0.993)	2209	0.27770	26(a)
	107 p-Isopropyltoluene	119	8.235	8.235	(0.992)	215059	14.1068	1300(H)
*	108 1,4-Dichlorobenzene-d4	152	8.299	8.299	(1.000)	306560	50.0000	
	109 1,4-Dichlorobenzene	146	8.314	8.314	(1.002)	15736	1.91747	180
	106 n-Butylbenzene	91	8.550	8.550	(1.030)	273398	22.8010	2100
	111 1,2-Dichlorobenzene	146	8.622	8.614	(1.039)	113104	15.0427	1400
	114 1,2,4-Trichlorobenzene	180	9.689	9.689	(1.167)	590894	117.010	11000
	116 Naphthalene	128	9.904	9.904	(1.193)	4001723	370.029	34000
	117 1,2,3-Trichlorobenzene	180	10.033	10.033	(1.209)	122908	28.8797	2700
M	120 1,2-Dichloroethene (Total)	100				38348	13.2968	1200
M	121 Xylene (Total)	100				950248	161.922	15000

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45632.d
Report Date: 31-Mar-2011 15:41

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45632.d
Lab Smp Id: 460-24280-D-13-A Client Smp ID: PMP-24-SI-E (10.5-1
Inj Date : 31-MAR-2011 14:23
Operator : Inst ID: VOAMS13.i
Smp Info : 460-24280-D-13-A;200;;12.54;5
Misc Info : 460-24280-D-13-A
Comment   :
Method   : /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/8260_09.m
Meth Date : 31-Mar-2011 12:56 desais Quant Type: ISTD
Cal Date : 03-MAR-2011 04:37 Cal File: p44665.d
Als bottle: 7
Dil Factor: 200.00000
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	200.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	12.54000	Weight of sample extracted (g)
M	14.07703	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 108 1,4-Dichlorobenzene-d4	8.299	1982966	50.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Ethylmethylbenzene isomer						CAS #:	
7.633	2918450	73.5879777	6800	0		0	108
Trimethylbenzene isomer						CAS #:	
8.357	4487638	113.154654	10000	0		0	108

Data File: /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45632.d
Report Date: 31-Mar-2011 15:41

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Ethyldimethylbenzene isomer					CAS #:		
8.765	3783084	95.3895055	8800	0		0	108
Ethyldimethylbenzene isomer-1					CAS #:		
8.815	3375078	85.1017450	7900	0		0	108
Unknown Aromatic					CAS #:		
8.901	2396830	60.4354485	5600	0		0	108
Tetramethylbenzene isomer					CAS #:		
9.137	2989777	75.3864727	7000	0		0	108
C11H14 Aromatic					CAS #:		
9.273	3393019	85.5541158	7900	0		0	108
C10H12 Aromatic					CAS #:		
9.395	4224421	106.517708	9900	0		0	108
Tetramethylbenzene isomer-1					CAS #:		
9.424	4604719	116.106814	11000	0		0	108
Unknown Aromatic-1					CAS #:		
9.474	3163154	79.7581162	7400	0		0	108
2,3-dihydro-dimethyl-1H-Indene isomer					CAS #:		
9.596	2726982	68.7601514	6400	0		0	108
C11H14 Aromatic-1					CAS #:		
9.660	3268352	82.4106631	7600	0		0	108(ML)
2,3-dihydro-dimethyl-1H-Indene isomer-1					CAS #:		
10.169	2959807	74.6307891	6900	0		0	108
Naphthalene, 2-methyl-					CAS #: 91-57-6		
10.634	13617228	343.354938	32000	96	NIST02.l	18501	108
Naphthalene, 1-methyl-					CAS #: 90-12-0		
10.735	5808993	146.472285	14000	96	NIST02.l	18499	108
Dimethylnaphthalene isomer					CAS #:		
11.279	1953401	49.2545162	4600	0		0	108(L)
Dimethylnaphthalene isomer-1					CAS #:		
11.358	2337169	58.9311160	5500	0		0	108

Data File: /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45632.d
Report Date: 31-Mar-2011 15:41

QC Flag Legend

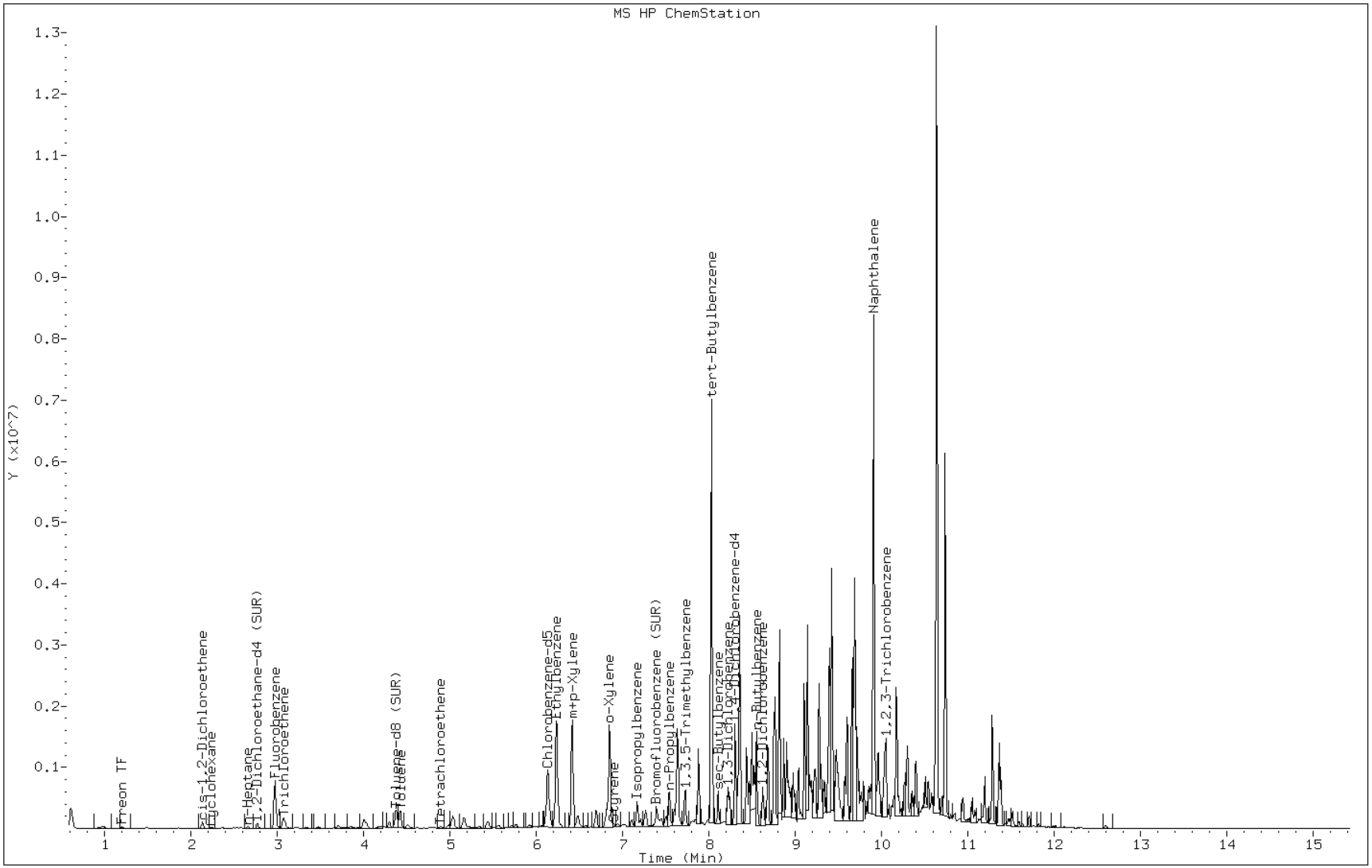
M - Compound response manually integrated.
L - Operator selected an alternate library search match.

Data File: p45632.d

Date: 31-MAR-2011 14:23

Client ID: PMP-24-SI-E (10.5-1 Instrument: VOAMS13.i

Sample Info: 460-24280-D-13-A;200;;12.54;5 Operator:



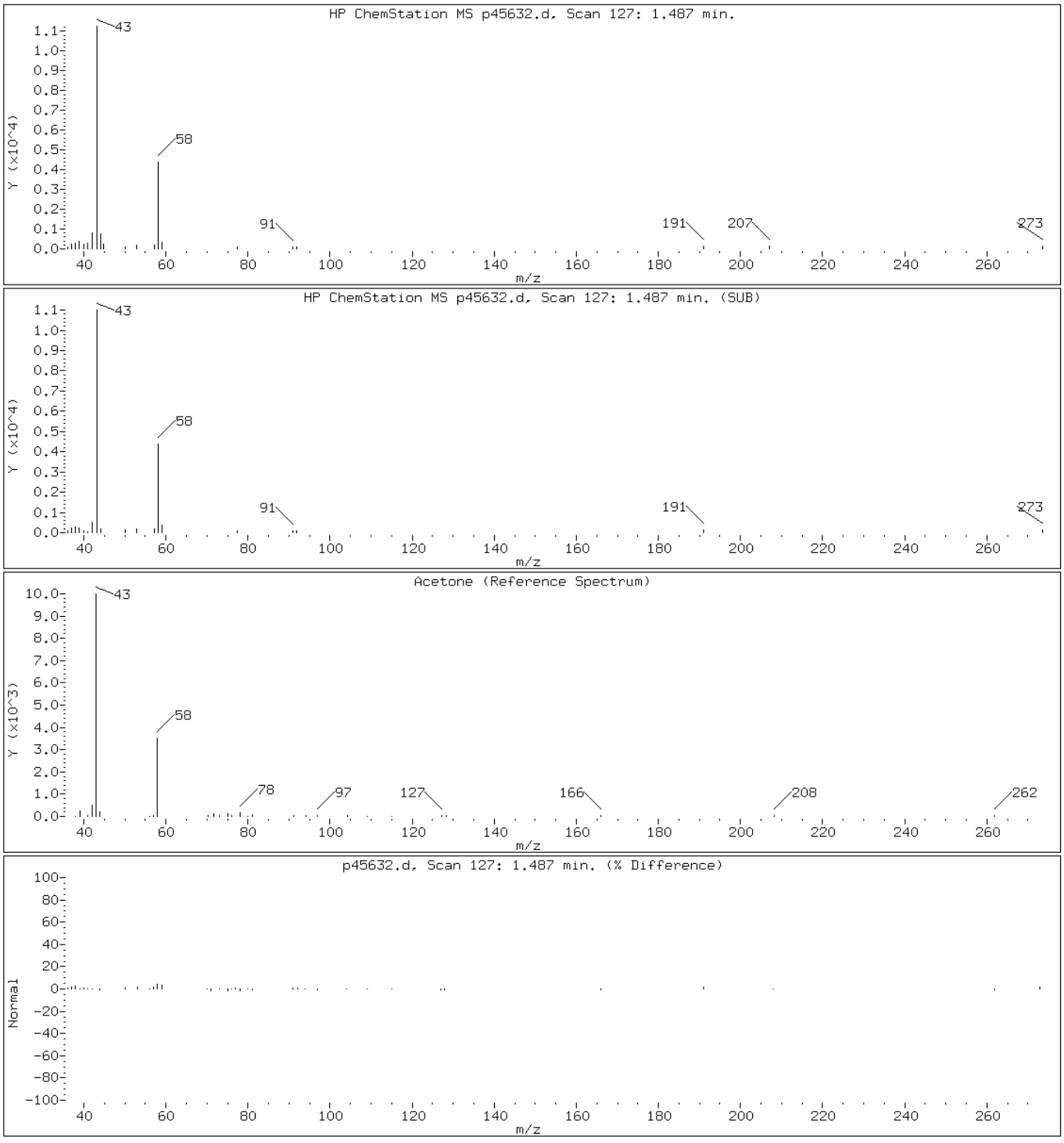
Data File: p45632.d

Date: 31-MAR-2011 14:23

Client ID: PMP-24-SI-E (10.5-1 Instrument: VOAMS13.i

Sample Info: 460-24280-D-13-A;200;;12.54;5 Operator:

16 Acetone



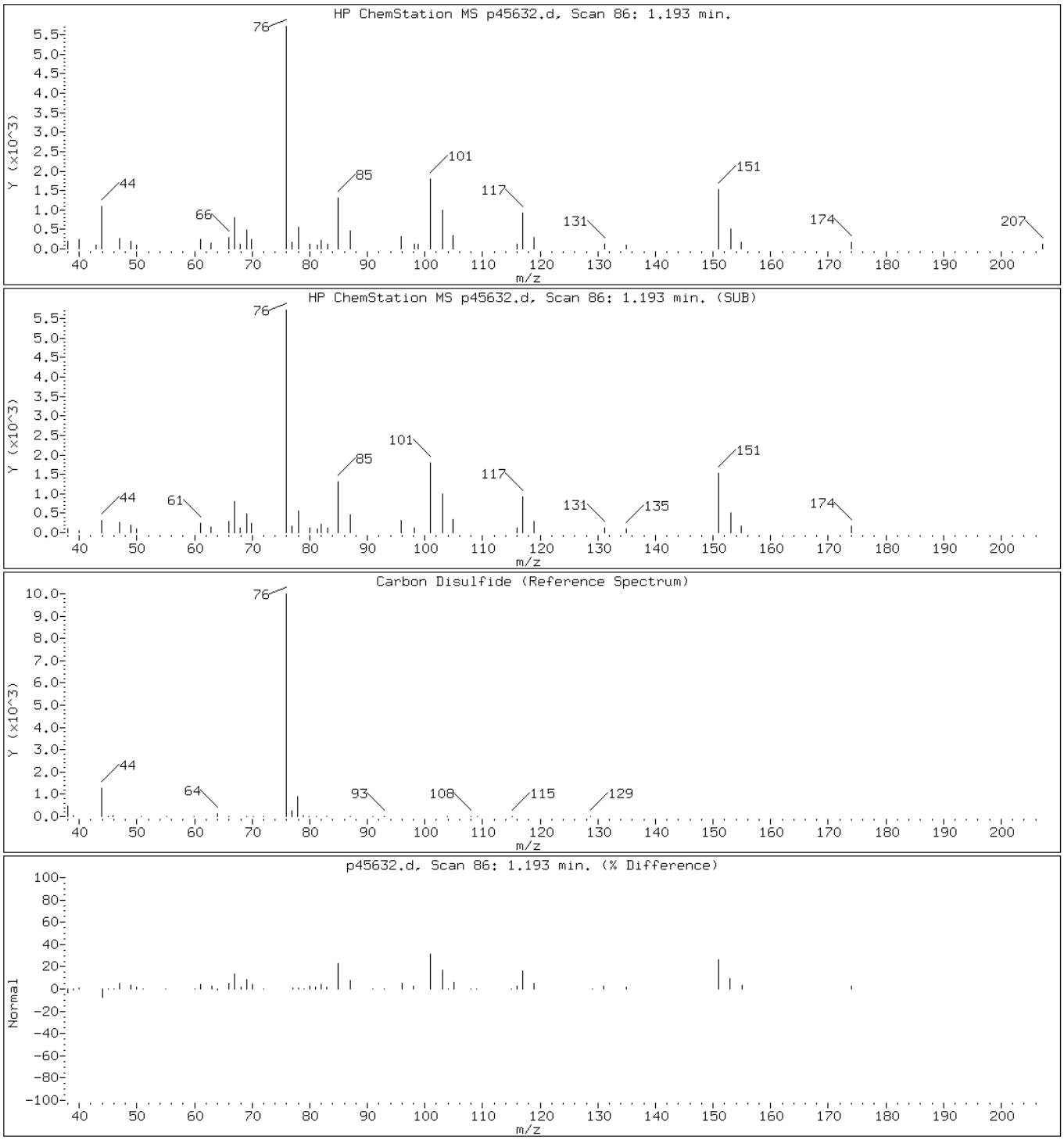
Data File: p45632.d

Date: 31-MAR-2011 14:23

Client ID: PMP-24-SI-E (10.5-1 Instrument: VOAMS13.i

Sample Info: 460-24280-D-13-A;200;;12.54;5 Operator:

18 Carbon Disulfide



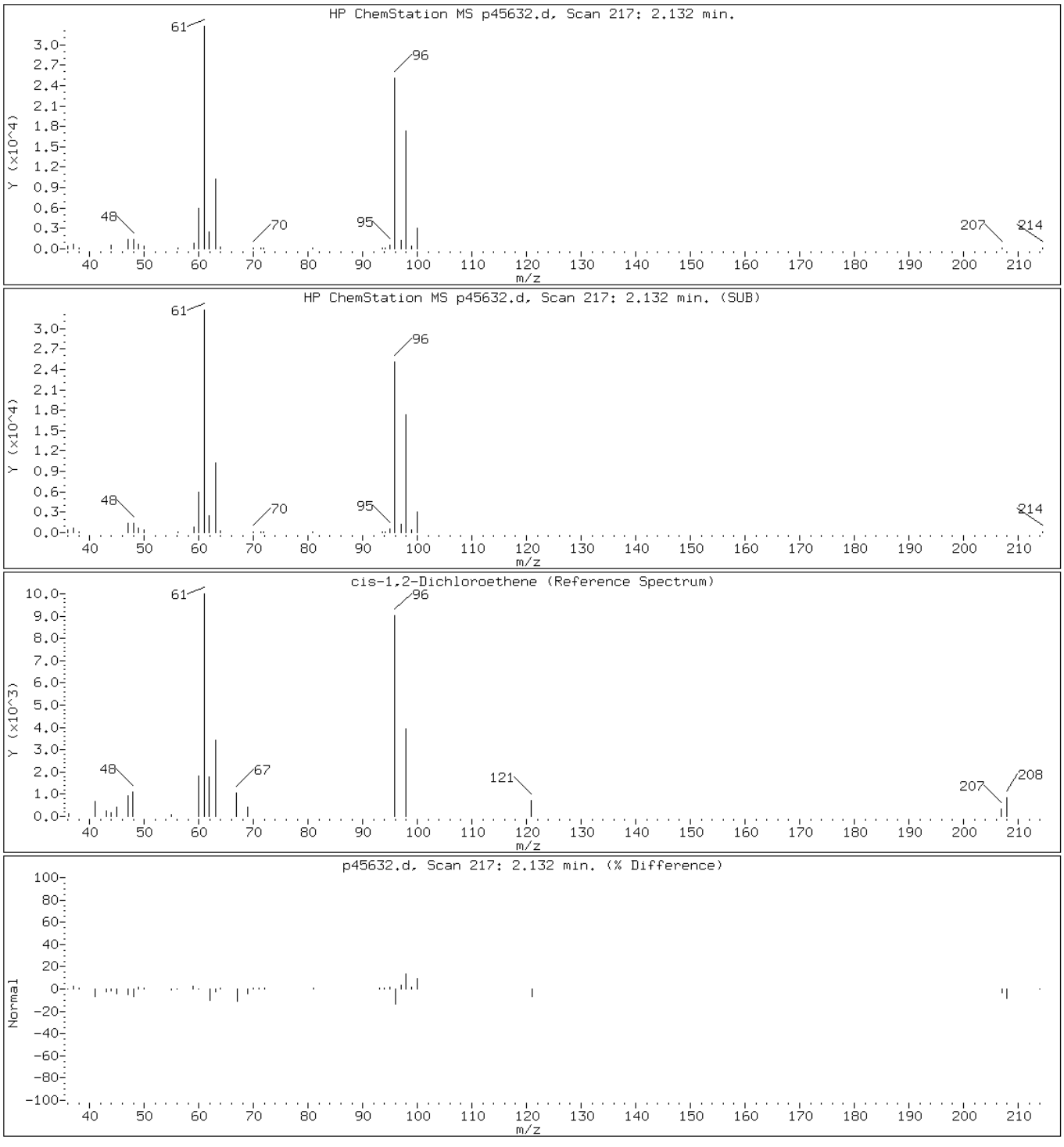
Data File: p45632.d

Date: 31-MAR-2011 14:23

Client ID: PMP-24-SI-E (10.5-1 Instrument: VOAMS13.i

Sample Info: 460-24280-D-13-A;200;;12.54;5 Operator:

36 cis-1,2-Dichloroethene



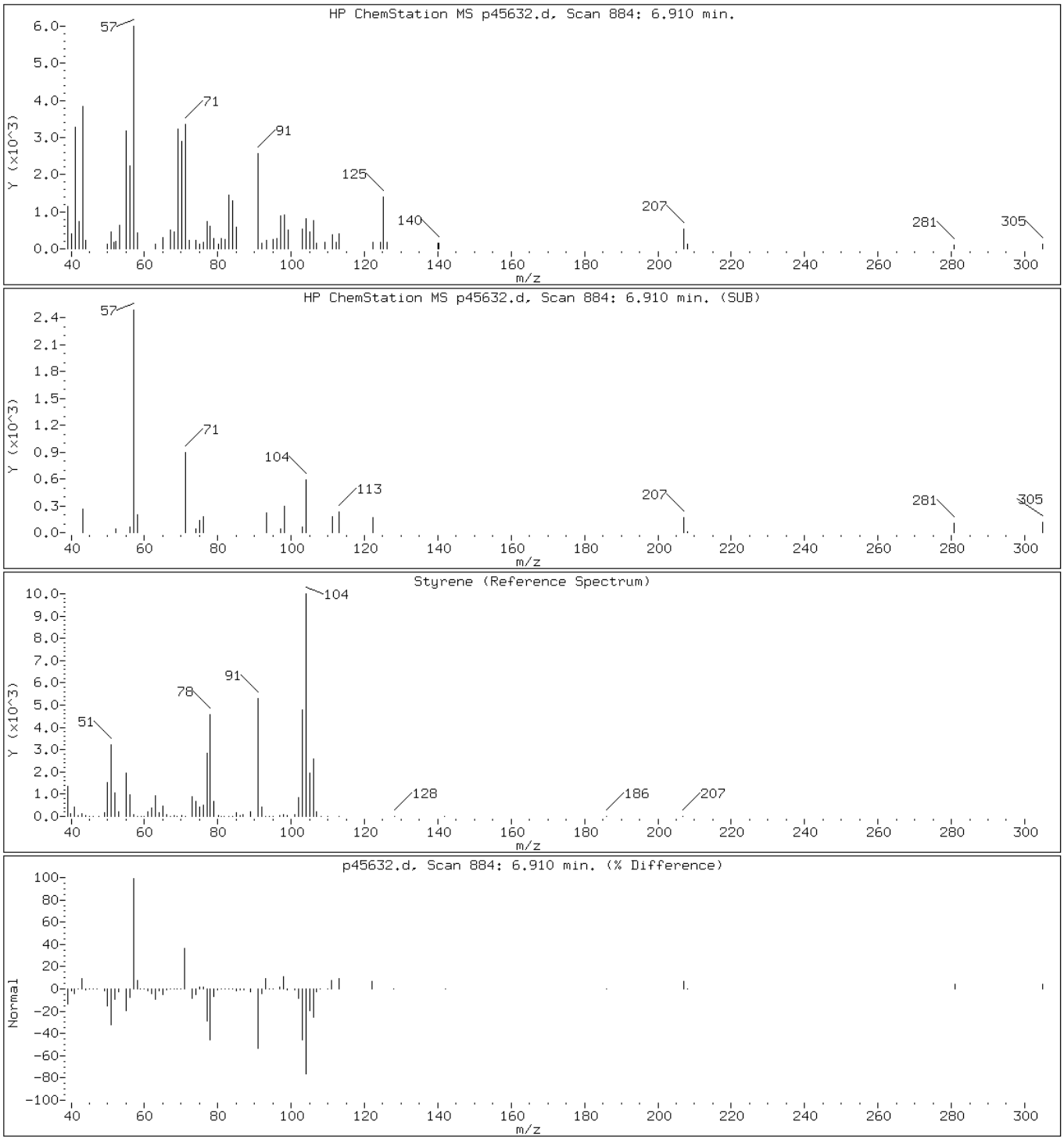
Data File: p45632.d

Date: 31-MAR-2011 14:23

Client ID: PMP-24-SI-E (10.5-1 Instrument: VOAMS13.i

Sample Info: 460-24280-D-13-A;200;;12.54;5 Operator:

85 Styrene



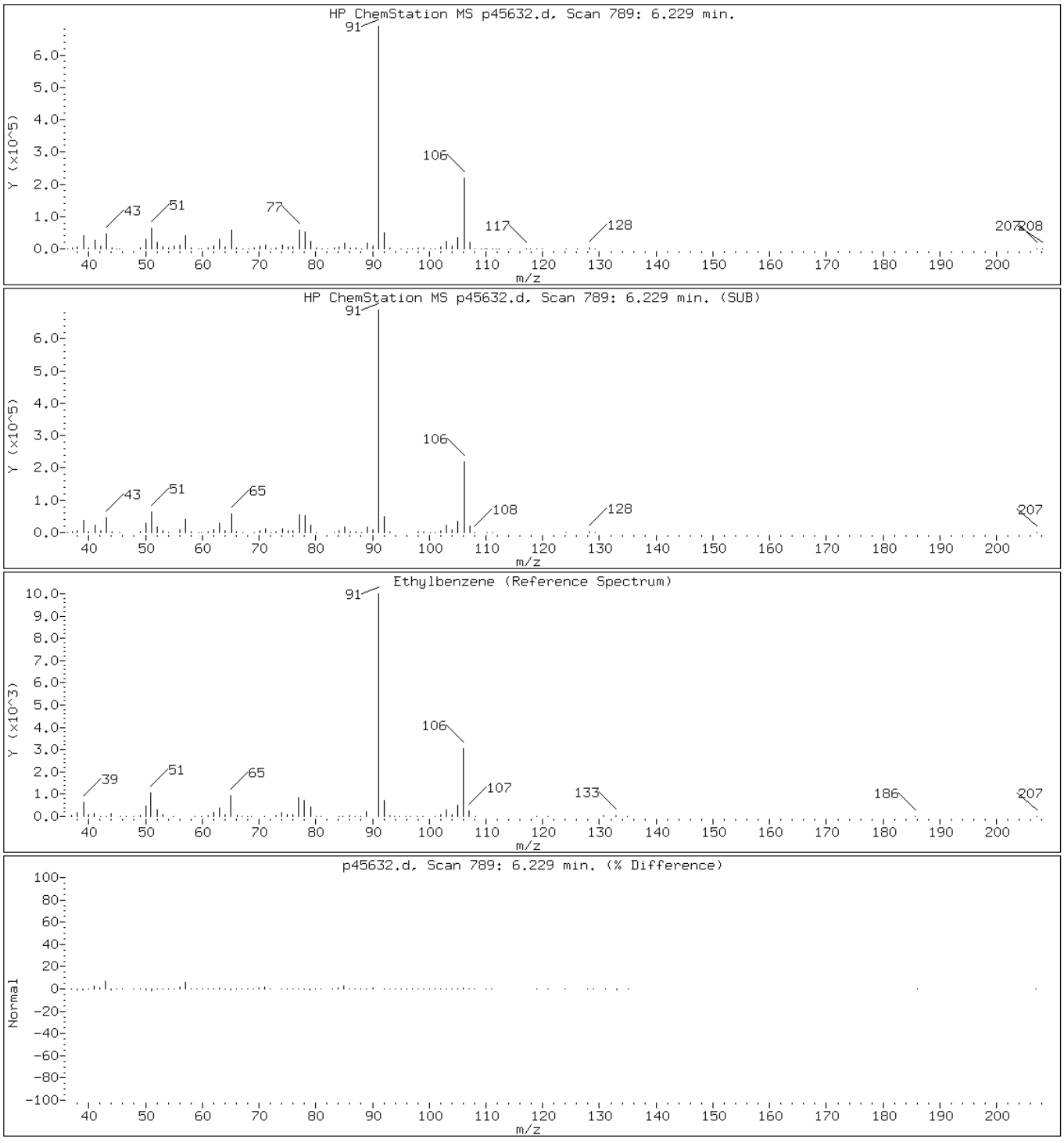
Data File: p45632.d

Date: 31-MAR-2011 14:23

Client ID: PMP-24-SI-E (10.5-1 Instrument: VOAMS13.i

Sample Info: 460-24280-D-13-A;200;;12.54;5 Operator:

81 Ethylbenzene



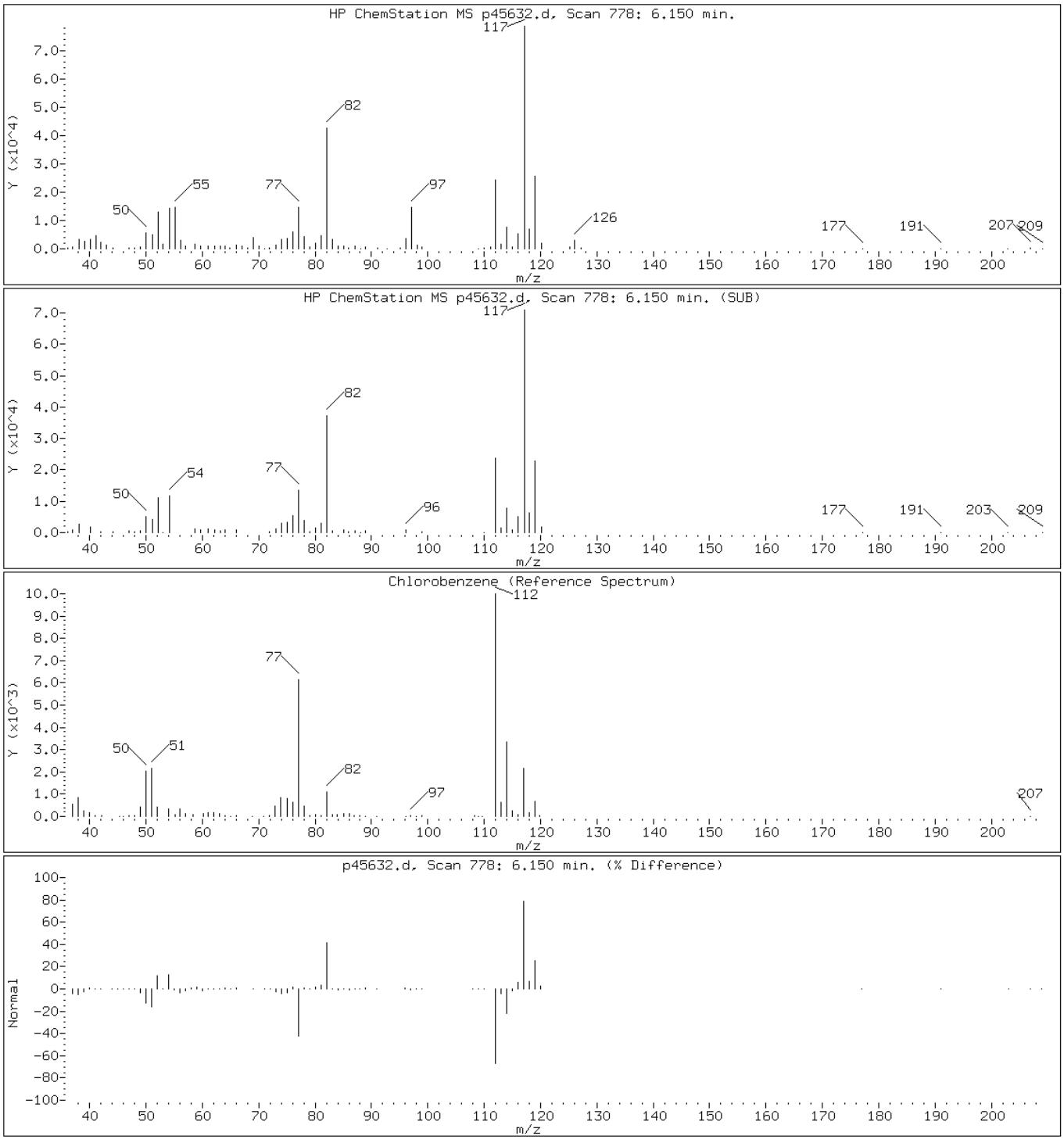
Data File: p45632.d

Date: 31-MAR-2011 14:23

Client ID: PMP-24-SI-E (10.5-1 Instrument: VOAMS13.i

Sample Info: 460-24280-D-13-A;200;;12.54;5 Operator:

79 Chlorobenzene



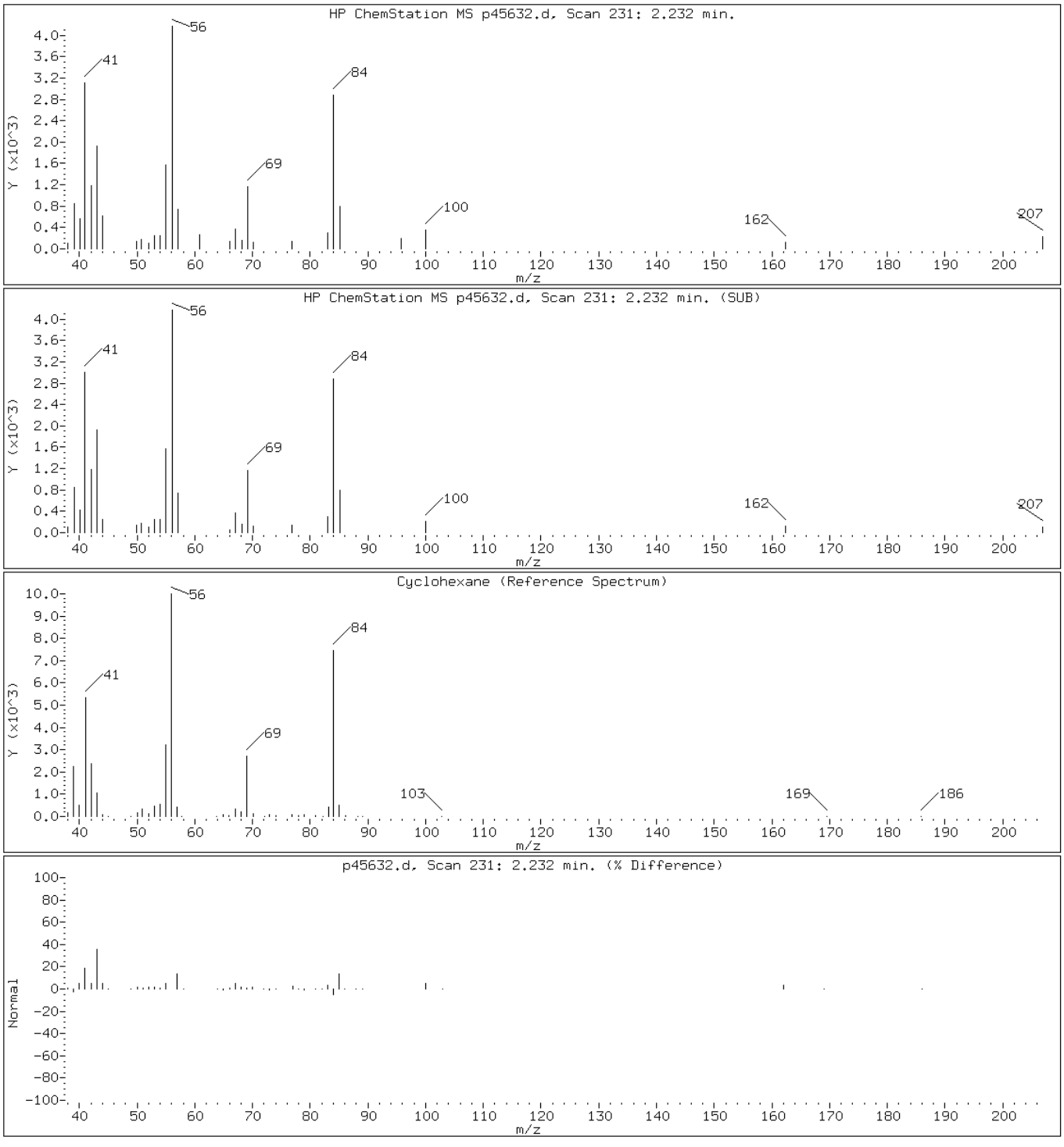
Data File: p45632.d

Date: 31-MAR-2011 14:23

Client ID: PMP-24-SI-E (10.5-1 Instrument: VOAMS13.i

Sample Info: 460-24280-D-13-A;200;;12.54;5 Operator:

44 Cyclohexane



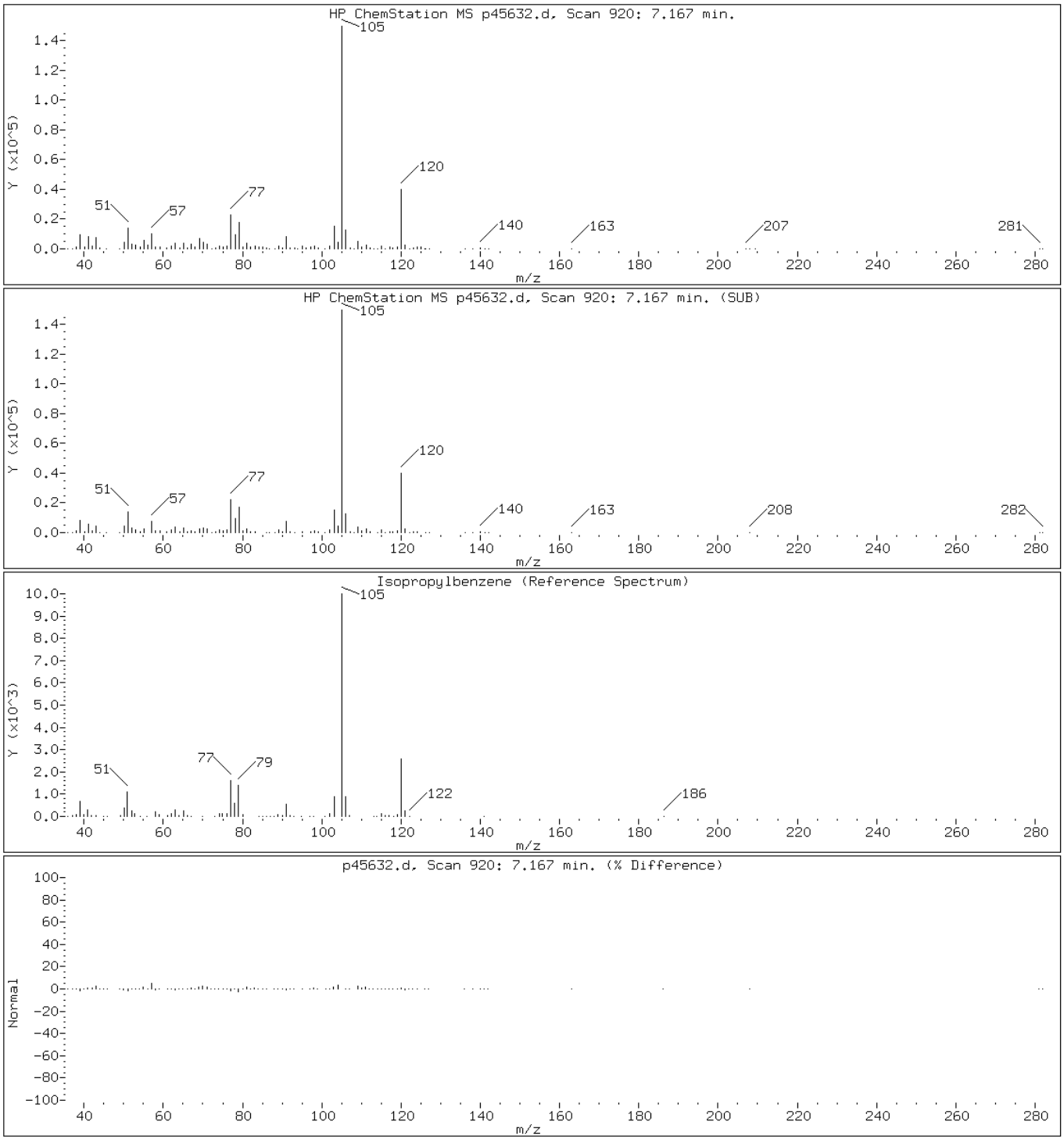
Data File: p45632.d

Date: 31-MAR-2011 14:23

Client ID: PMP-24-SI-E (10.5-1 Instrument: VOAMS13.i

Sample Info: 460-24280-D-13-A;200;;12.54;5 Operator:

88 Isopropylbenzene



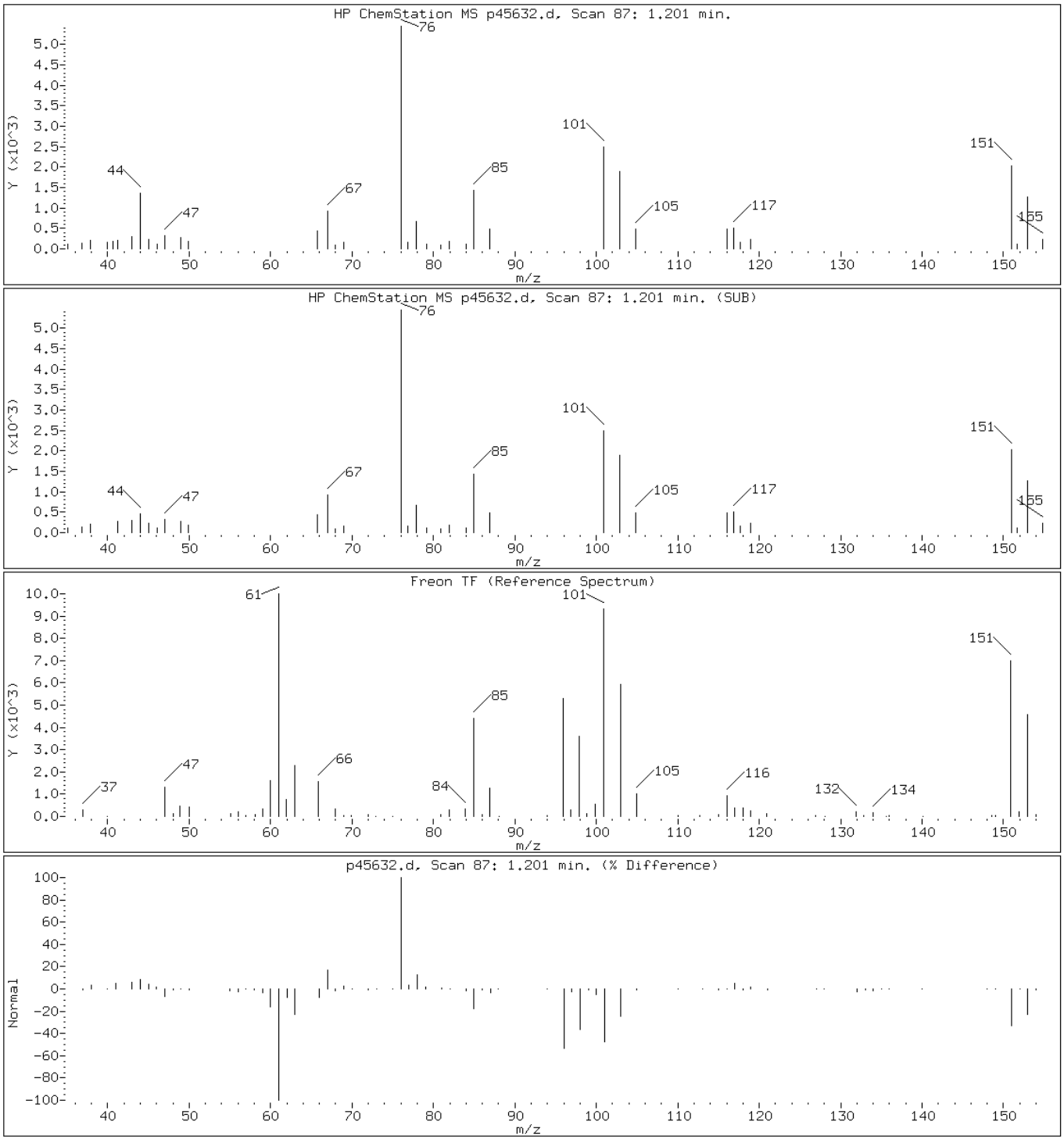
Data File: p45632.d

Date: 31-MAR-2011 14:23

Client ID: PMP-24-SI-E (10.5-1 Instrument: VOAMS13.i

Sample Info: 460-24280-D-13-A;200;;12.54;5 Operator:

14 Freon TF



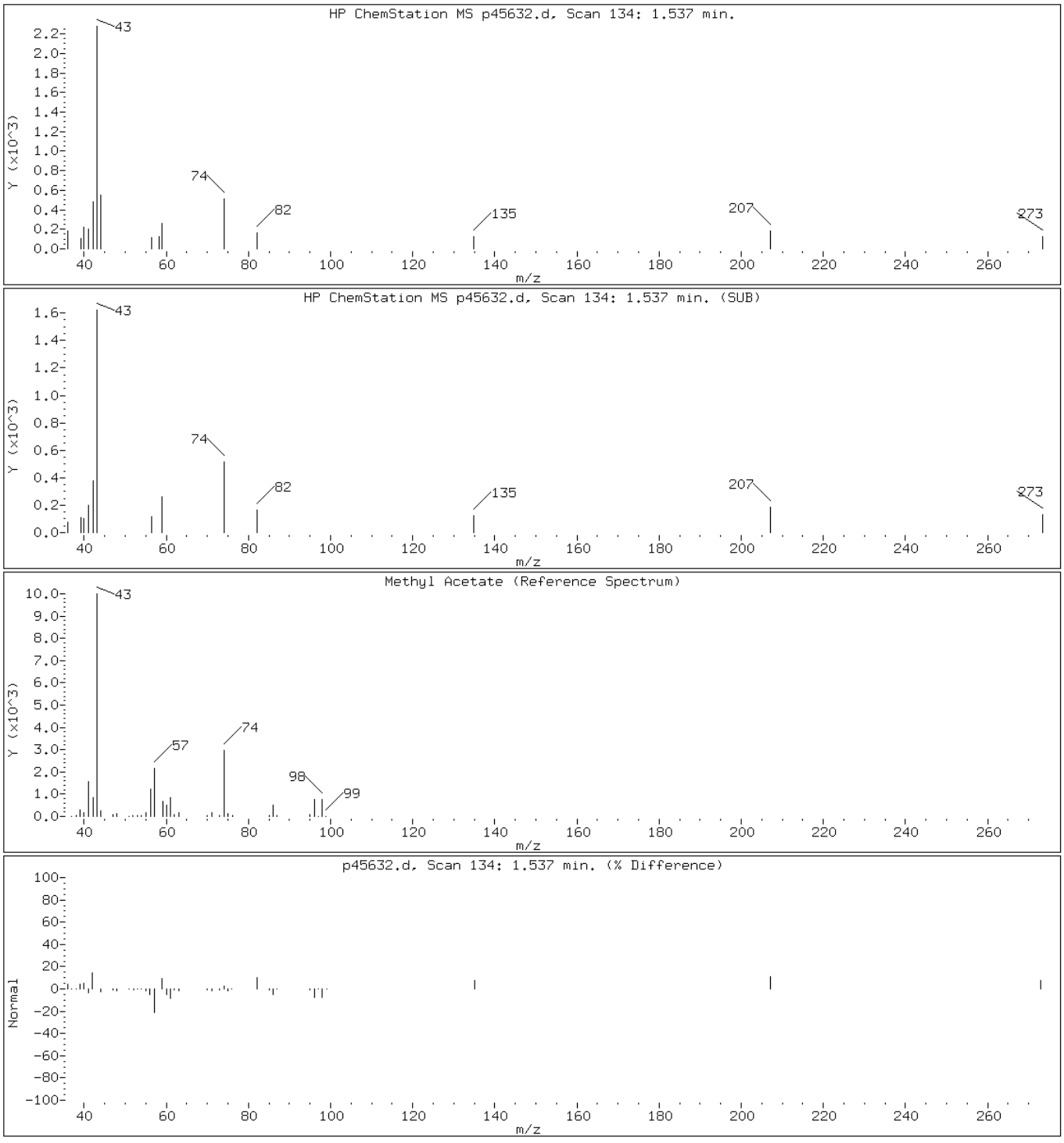
Data File: p45632.d

Date: 31-MAR-2011 14:23

Client ID: PMP-24-SI-E (10.5-1 Instrument: VOAMS13.i

Sample Info: 460-24280-D-13-A;200;;12.54;5 Operator:

27 Methyl Acetate



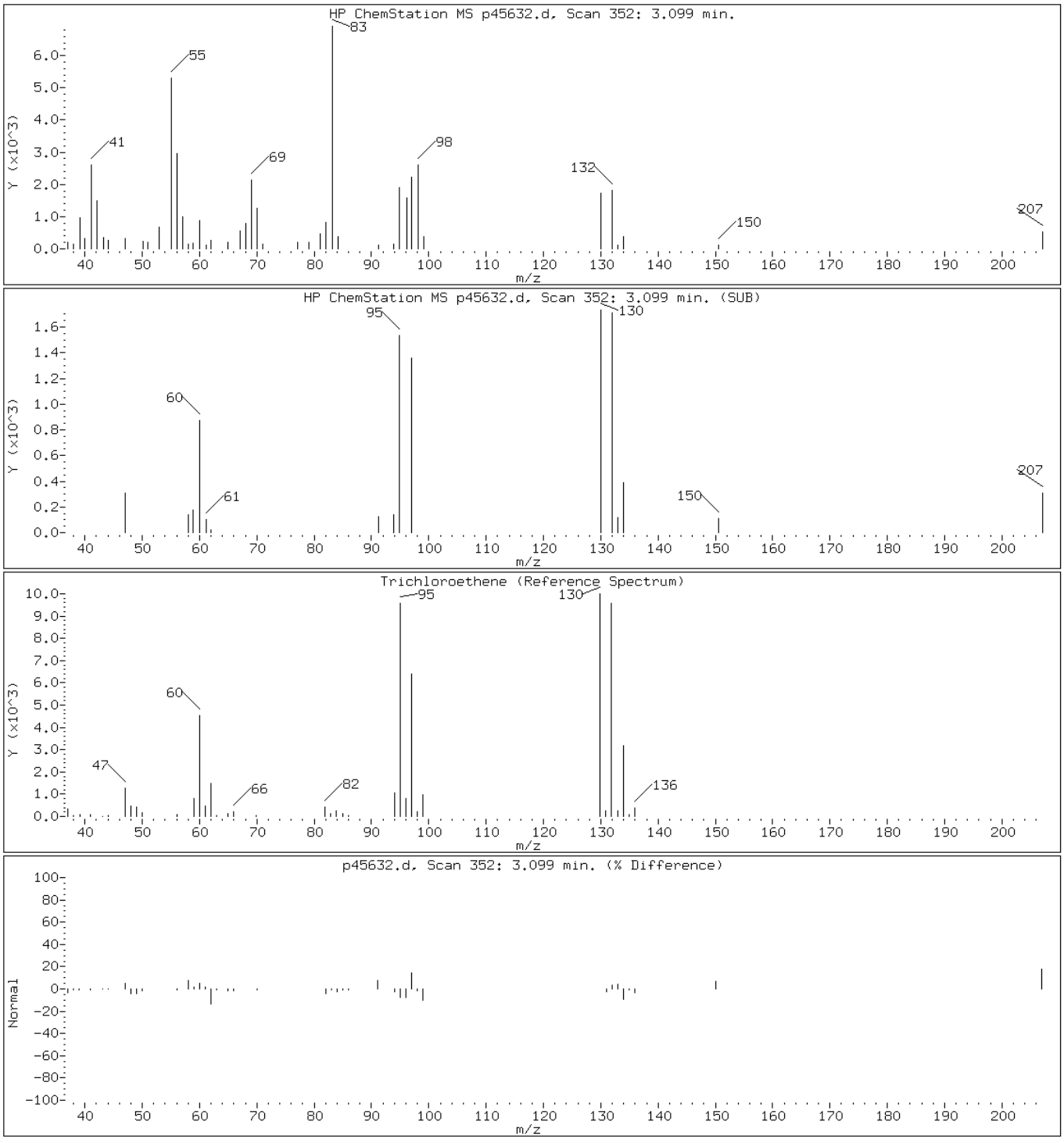
Data File: p45632.d

Date: 31-MAR-2011 14:23

Client ID: PMP-24-SI-E (10.5-1 Instrument: VOAMS13.i

Sample Info: 460-24280-D-13-A;200;;12.54;5 Operator:

54 Trichloroethene



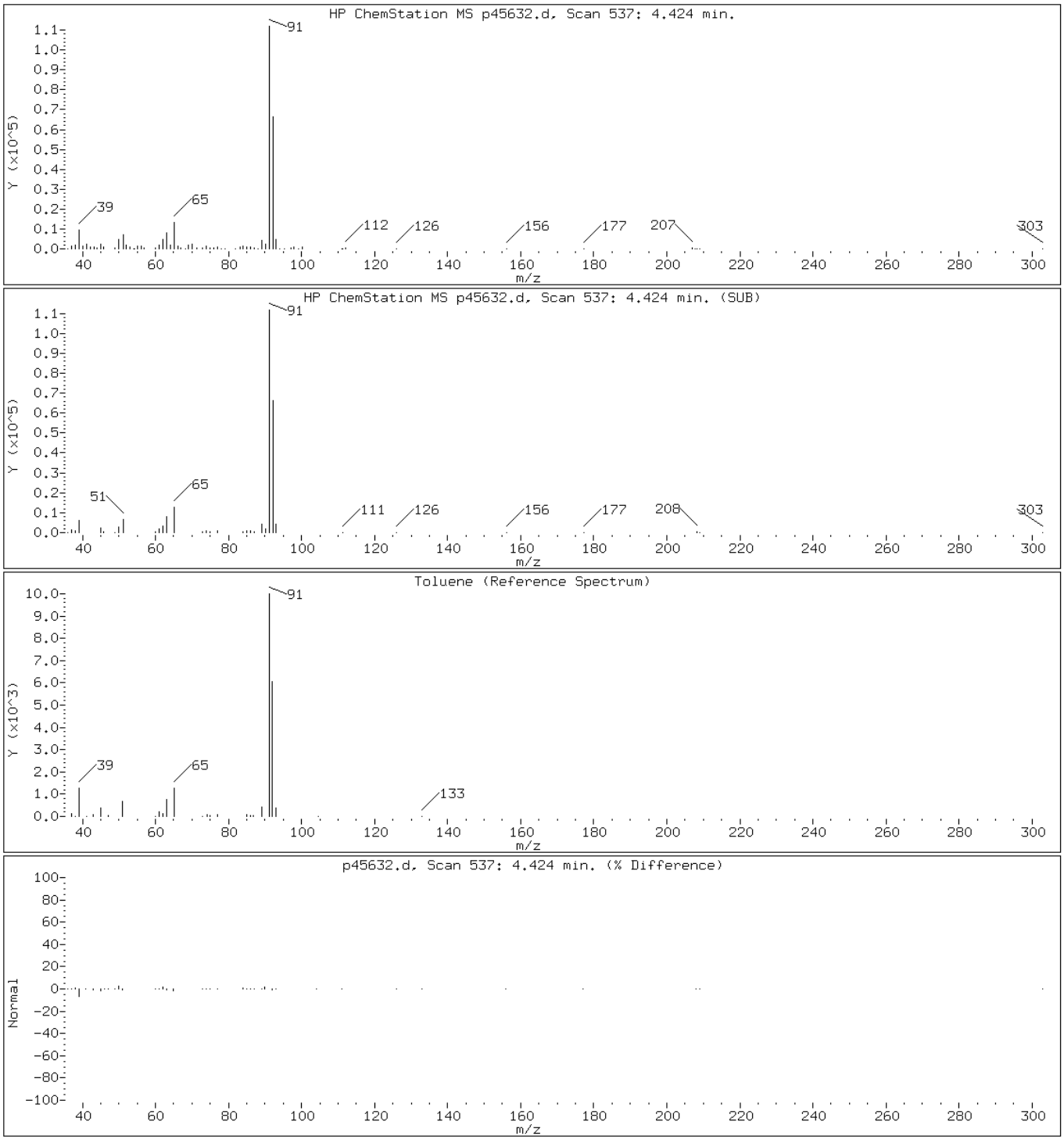
Data File: p45632.d

Date: 31-MAR-2011 14:23

Client ID: PMP-24-SI-E (10.5-1 Instrument: VOAMS13.i

Sample Info: 460-24280-D-13-A;200;;12.54;5 Operator:

66 Toluene



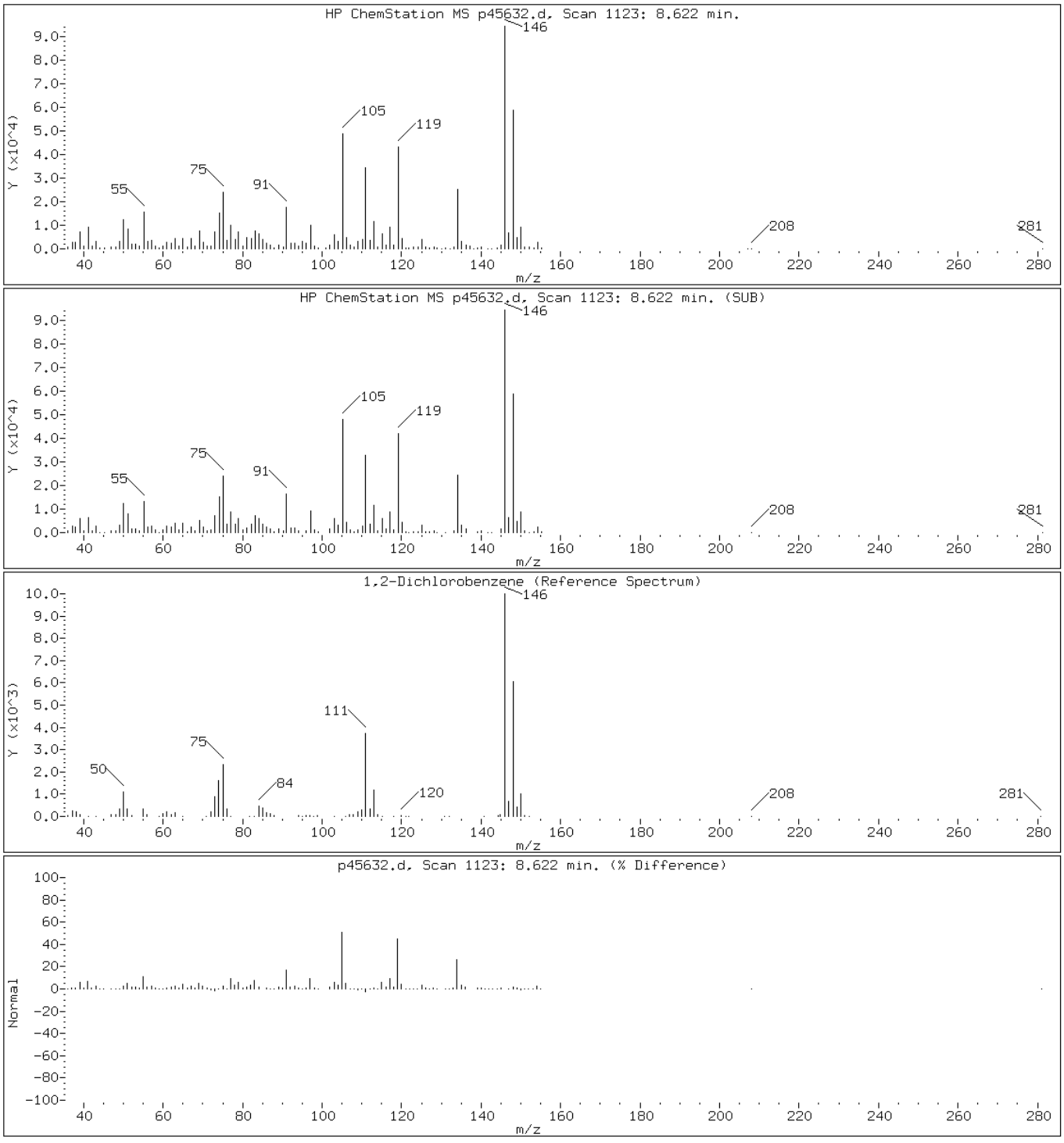
Data File: p45632.d

Date: 31-MAR-2011 14:23

Client ID: PMP-24-SI-E (10.5-1 Instrument: VOAMS13.i

Sample Info: 460-24280-D-13-A;200;;12.54;5 Operator:

111 1,2-Dichlorobenzene



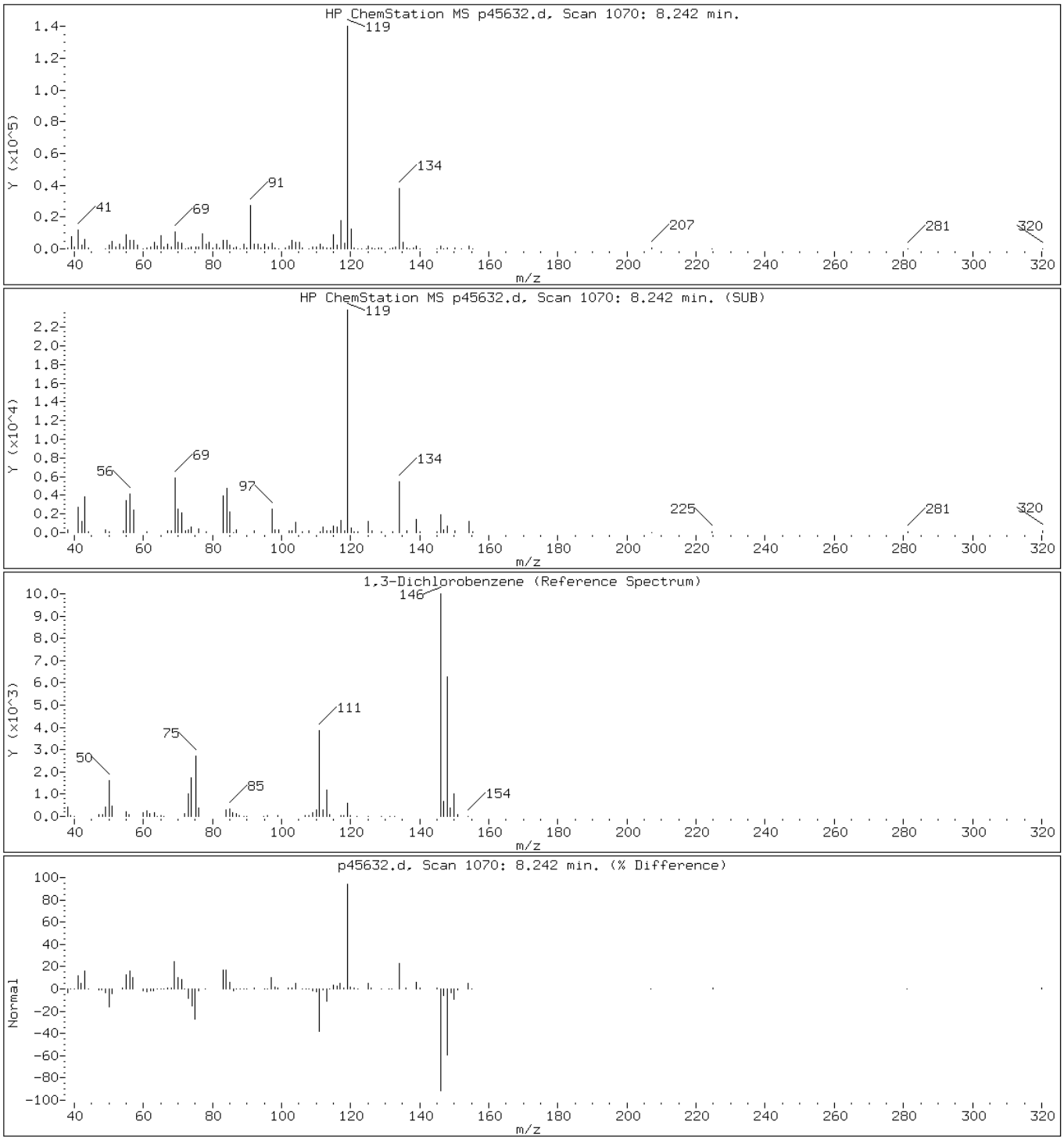
Data File: p45632.d

Date: 31-MAR-2011 14:23

Client ID: PMP-24-SI-E (10.5-1 Instrument: VOAMS13.i

Sample Info: 460-24280-D-13-A;200;;12.54;5 Operator:

105 1,3-Dichlorobenzene



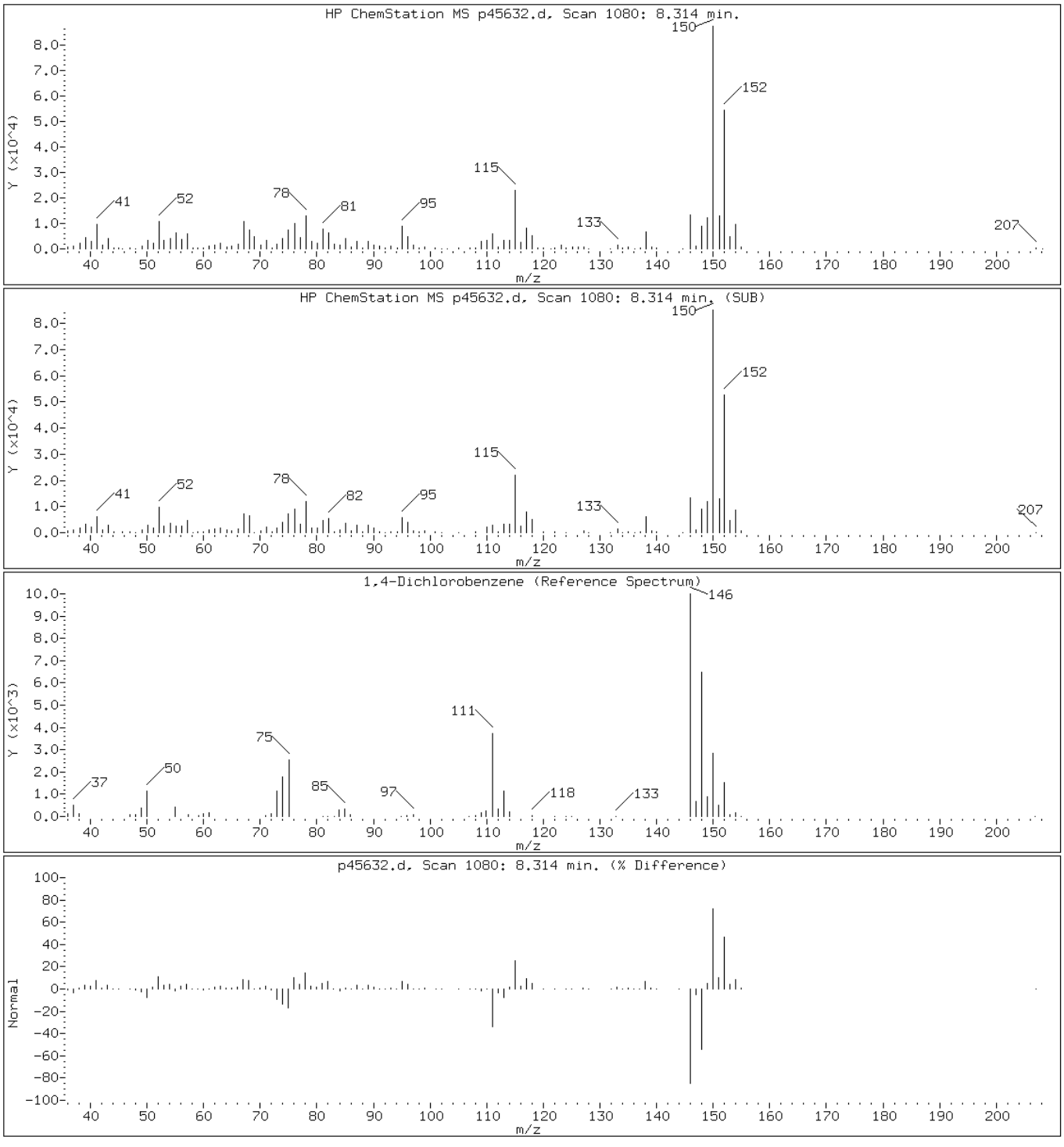
Data File: p45632.d

Date: 31-MAR-2011 14:23

Client ID: PMP-24-SI-E (10.5-1 Instrument: VOAMS13.i

Sample Info: 460-24280-D-13-A;200;;12.54;5 Operator:

109 1,4-Dichlorobenzene



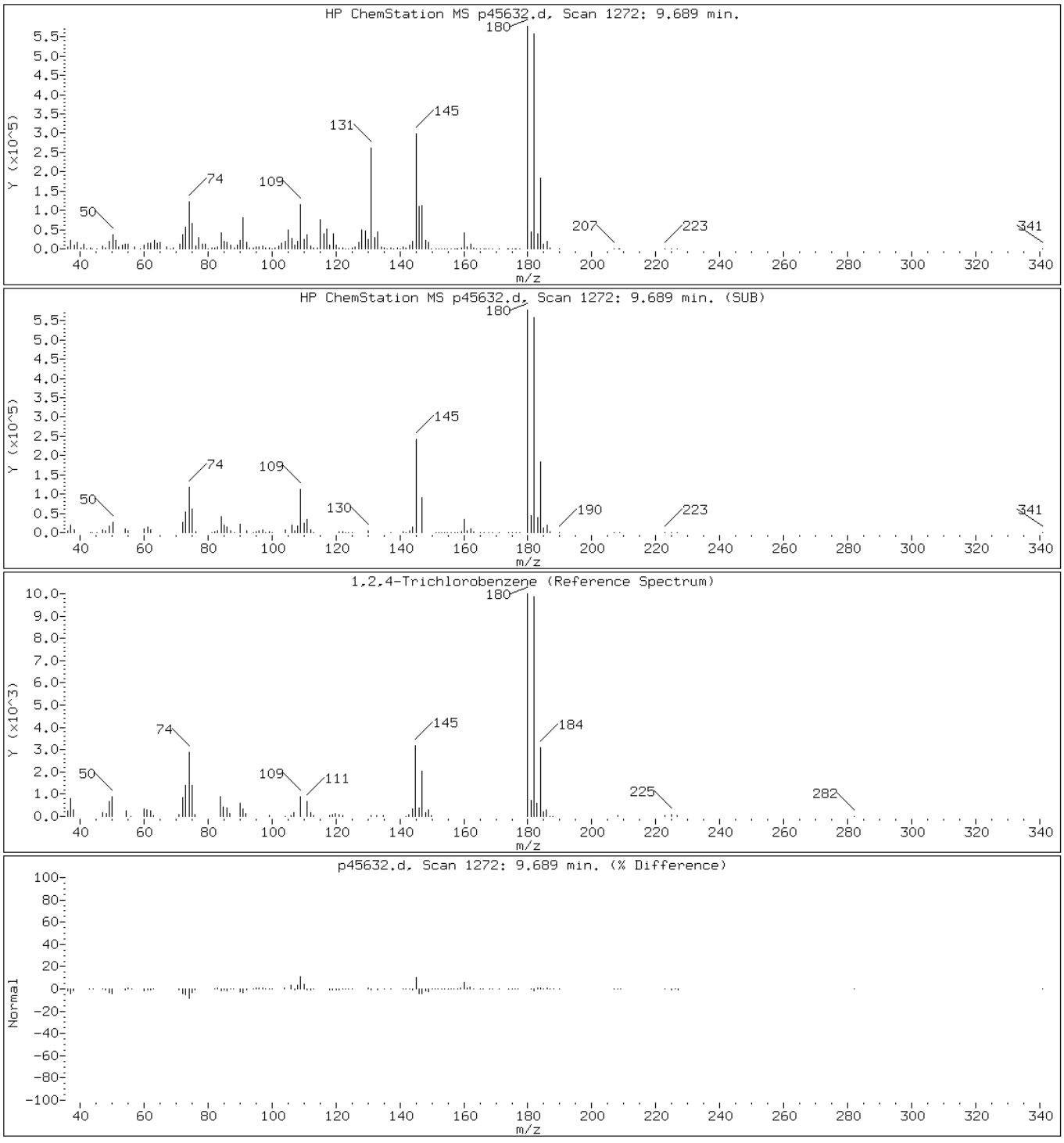
Data File: p45632.d

Date: 31-MAR-2011 14:23

Client ID: PMP-24-SI-E (10.5-1 Instrument: VOAMS13.i

Sample Info: 460-24280-D-13-A;200;;12.54;5 Operator:

114 1,2,4-Trichlorobenzene



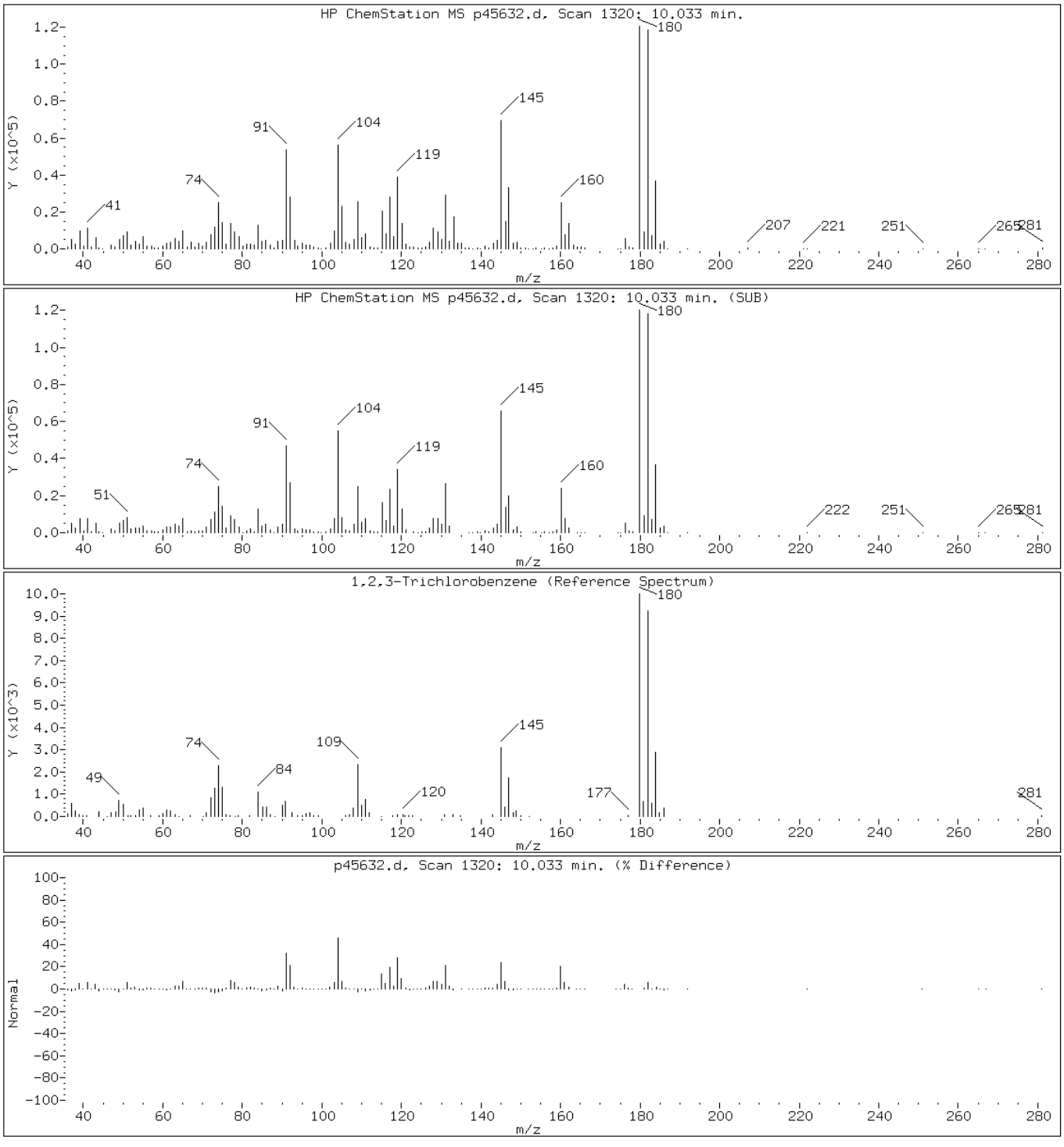
Data File: p45632.d

Date: 31-MAR-2011 14:23

Client ID: PMP-24-SI-E (10.5-1 Instrument: VOAMS13.i

Sample Info: 460-24280-D-13-A;200;;12.54;5 Operator:

117 1,2,3-Trichlorobenzene



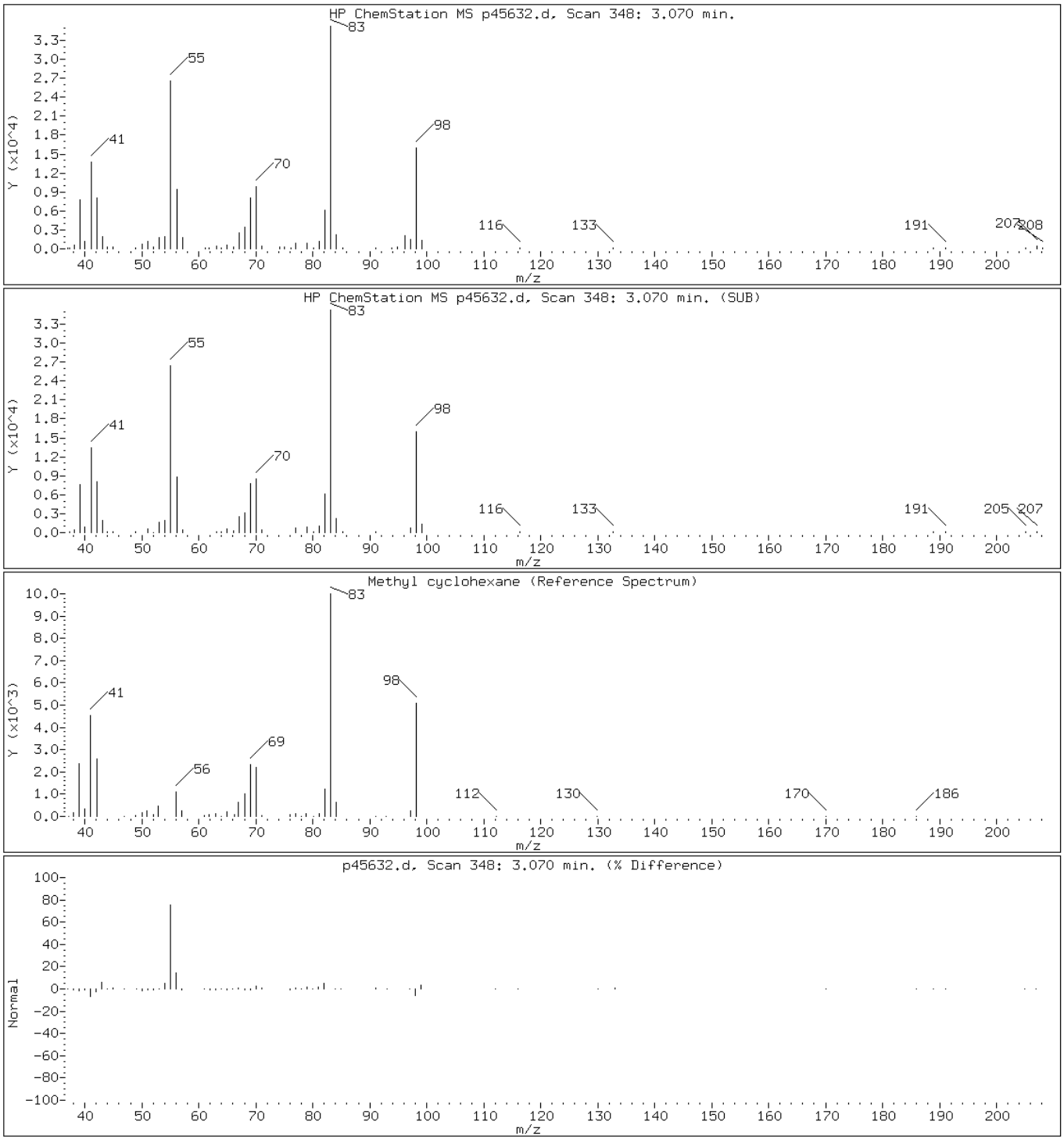
Data File: p45632.d

Date: 31-MAR-2011 14:23

Client ID: PMP-24-SI-E (10.5-1 Instrument: VOAMS13.i

Sample Info: 460-24280-D-13-A;200;;12.54;5 Operator:

56 Methyl cyclohexane



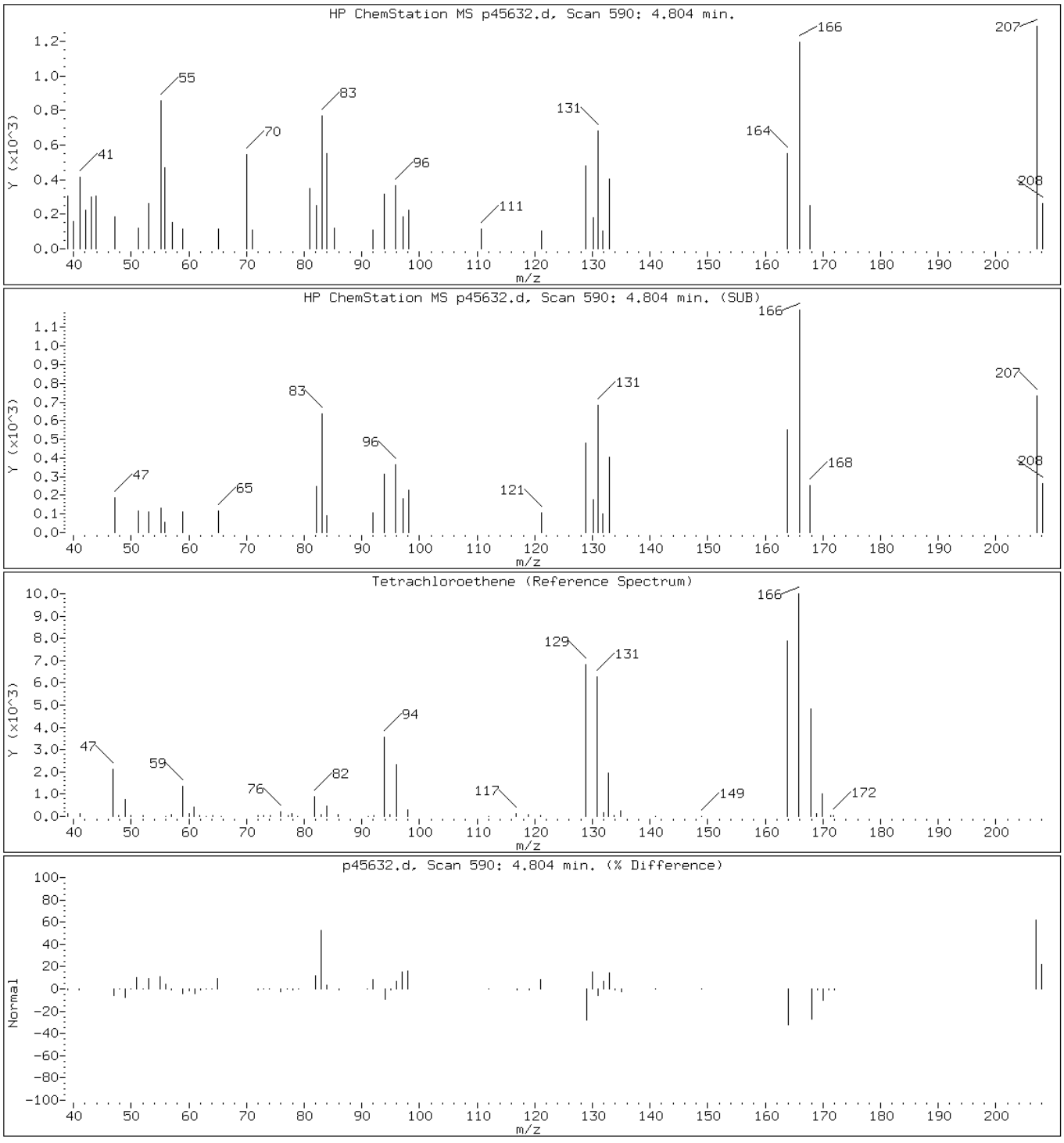
Data File: p45632.d

Date: 31-MAR-2011 14:23

Client ID: PMP-24-SI-E (10.5-1 Instrument: VOAMS13.i

Sample Info: 460-24280-D-13-A;200;;12.54;5 Operator:

71 Tetrachloroethene



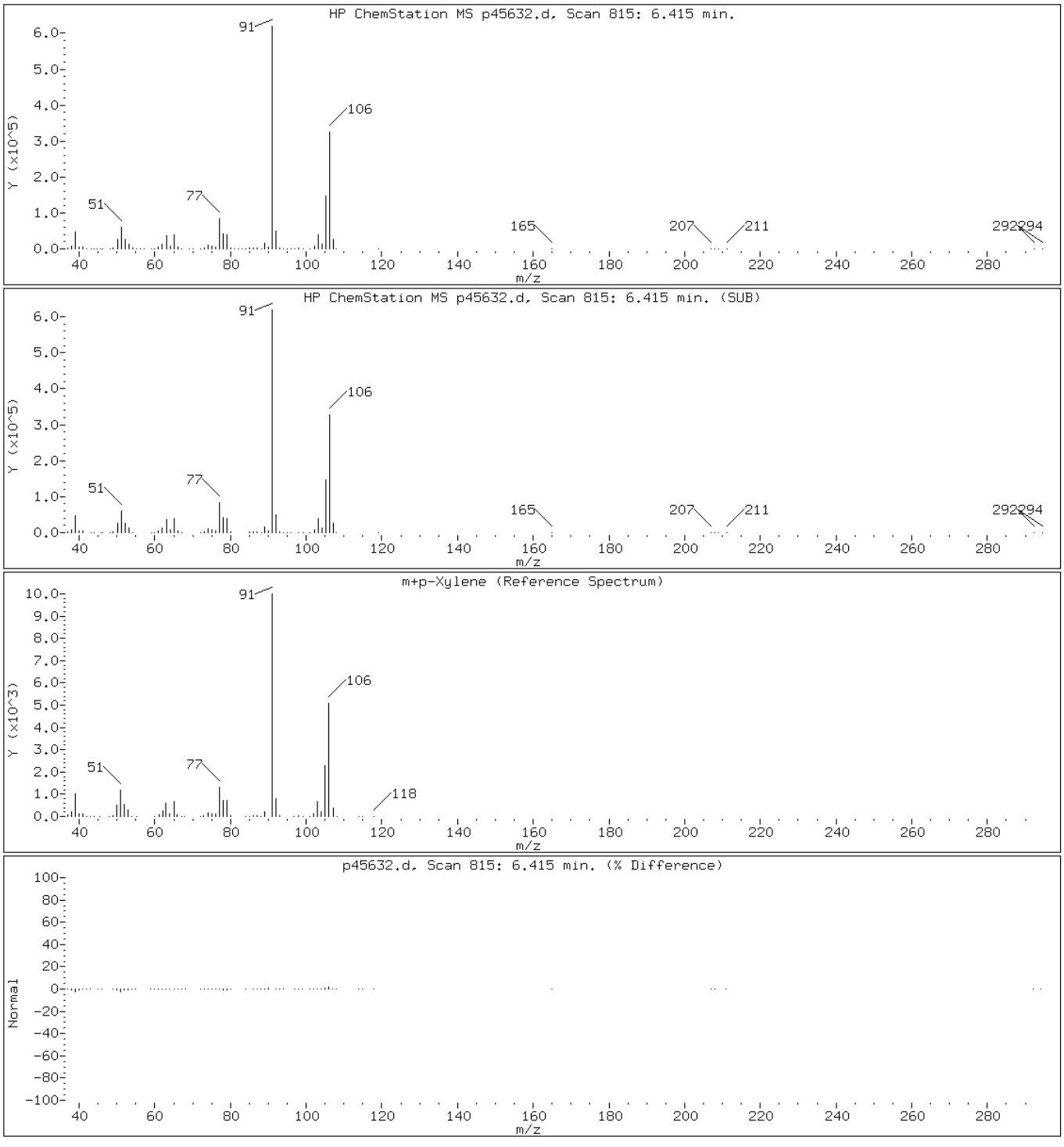
Data File: p45632.d

Date: 31-MAR-2011 14:23

Client ID: PMP-24-SI-E (10.5-1 Instrument: VOAMS13.i

Sample Info: 460-24280-D-13-A;200;;12.54;5 Operator:

82 m+p-Xylene



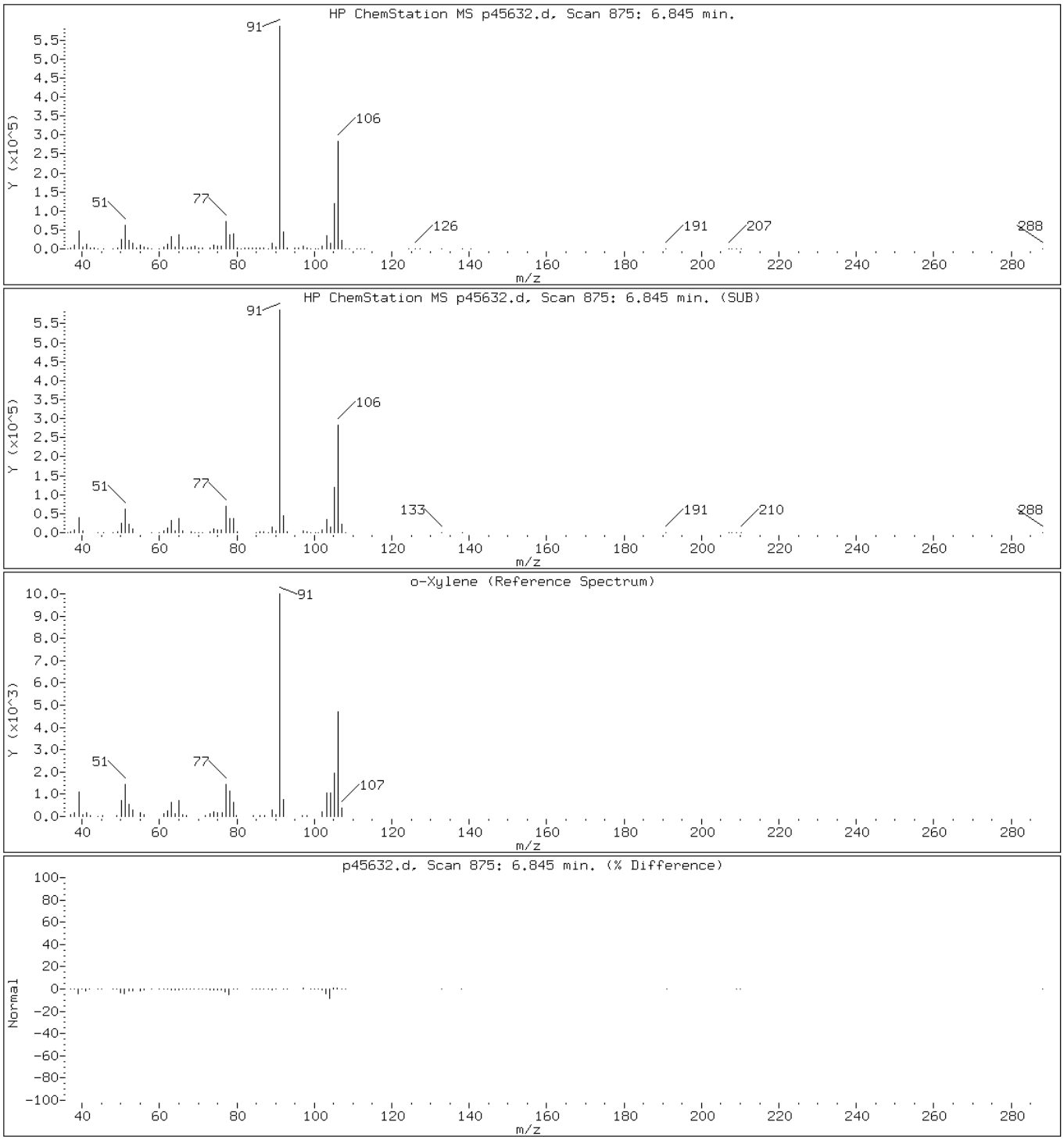
Data File: p45632.d

Date: 31-MAR-2011 14:23

Client ID: PMP-24-SI-E (10.5-1 Instrument: VOAMS13.i

Sample Info: 460-24280-D-13-A;200;;12.54;5 Operator:

84 o-Xylene



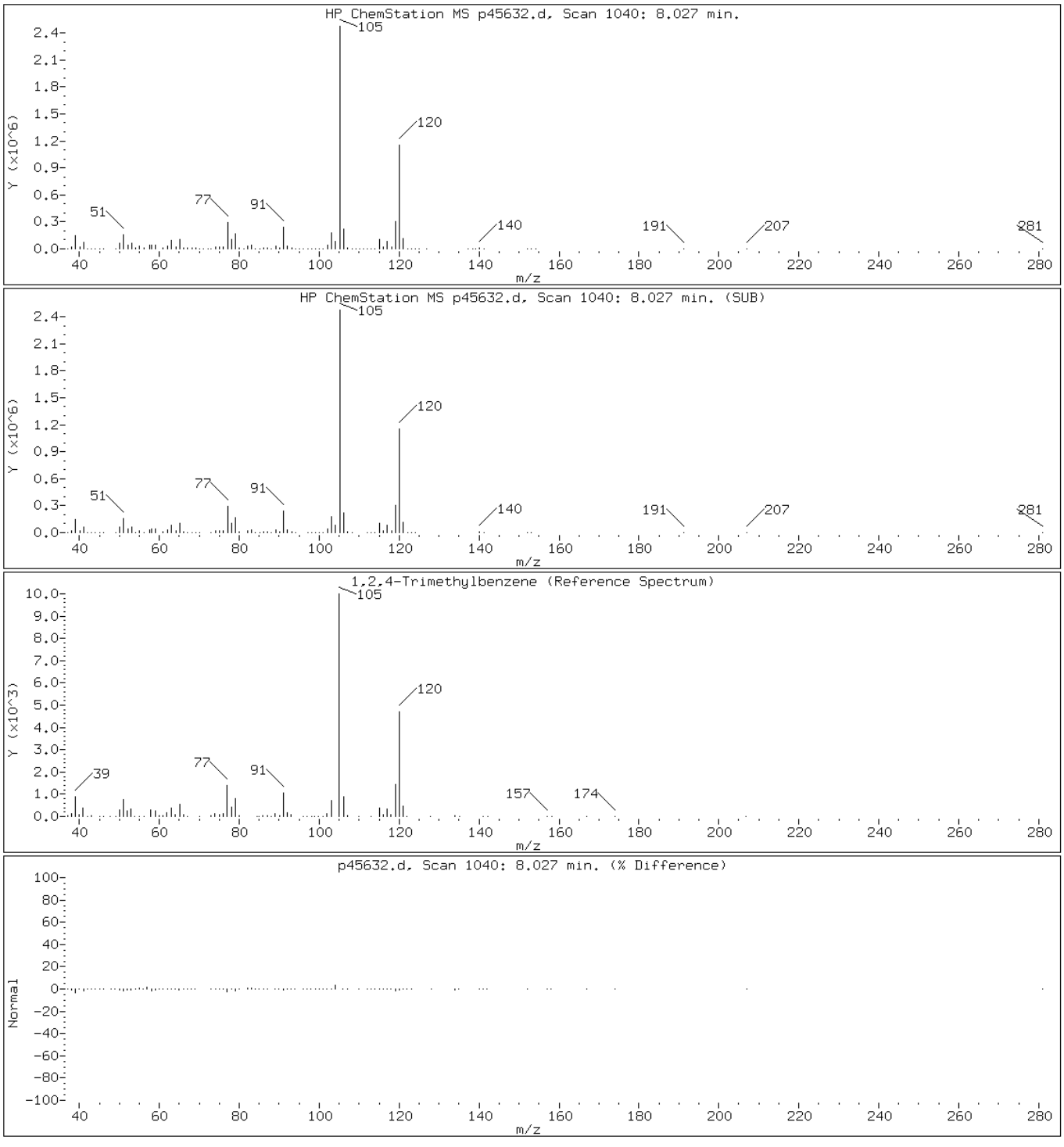
Data File: p45632.d

Date: 31-MAR-2011 14:23

Client ID: PMP-24-SI-E (10.5-1 Instrument: VOAMS13.i

Sample Info: 460-24280-D-13-A;200;;12.54;5 Operator:

101 1,2,4-Trimethylbenzene



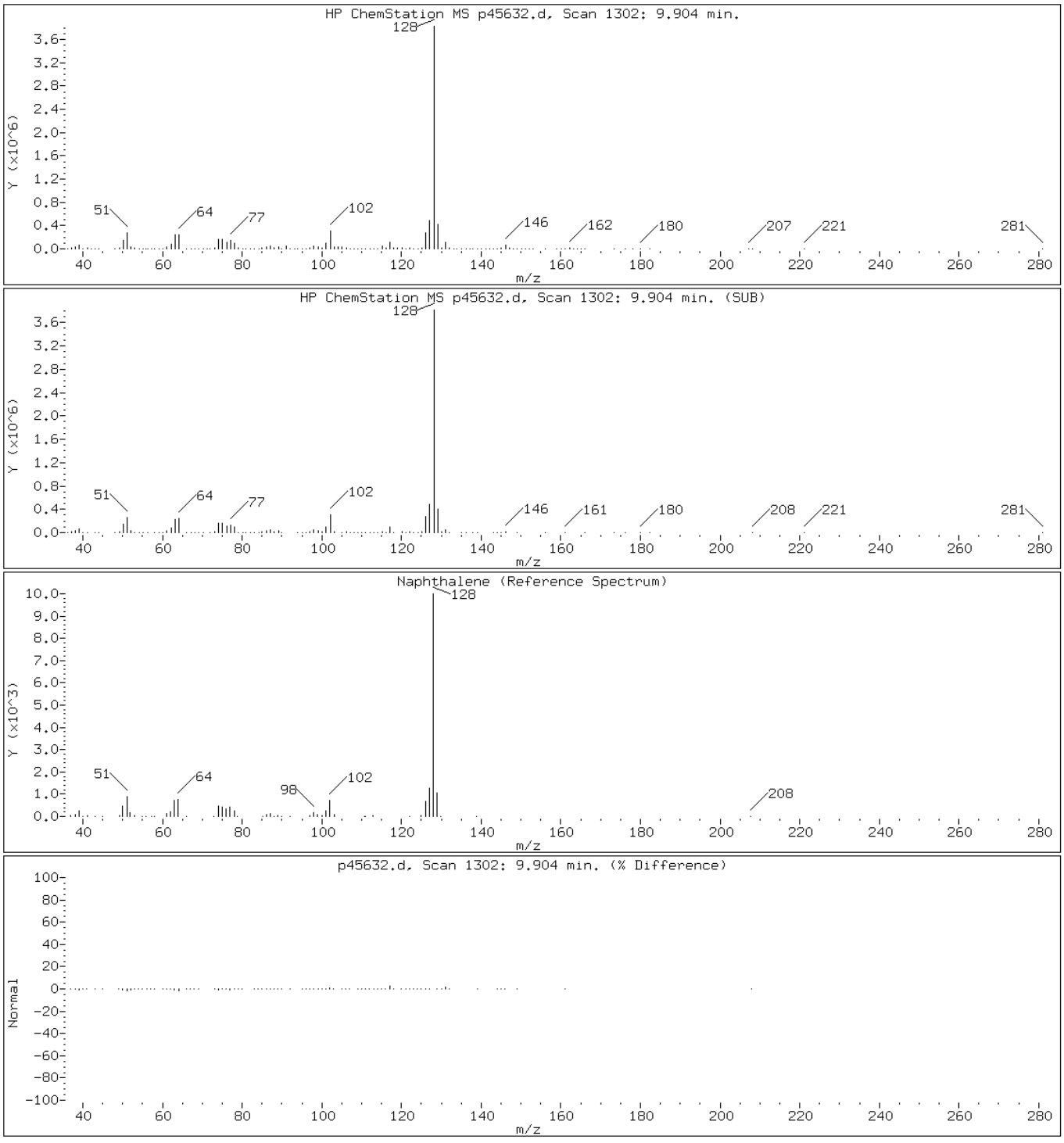
Data File: p45632.d

Date: 31-MAR-2011 14:23

Client ID: PMP-24-SI-E (10.5-1 Instrument: VOAMS13.i

Sample Info: 460-24280-D-13-A;200;;12.54;5 Operator:

116 Naphthalene



Data File: p45632.d

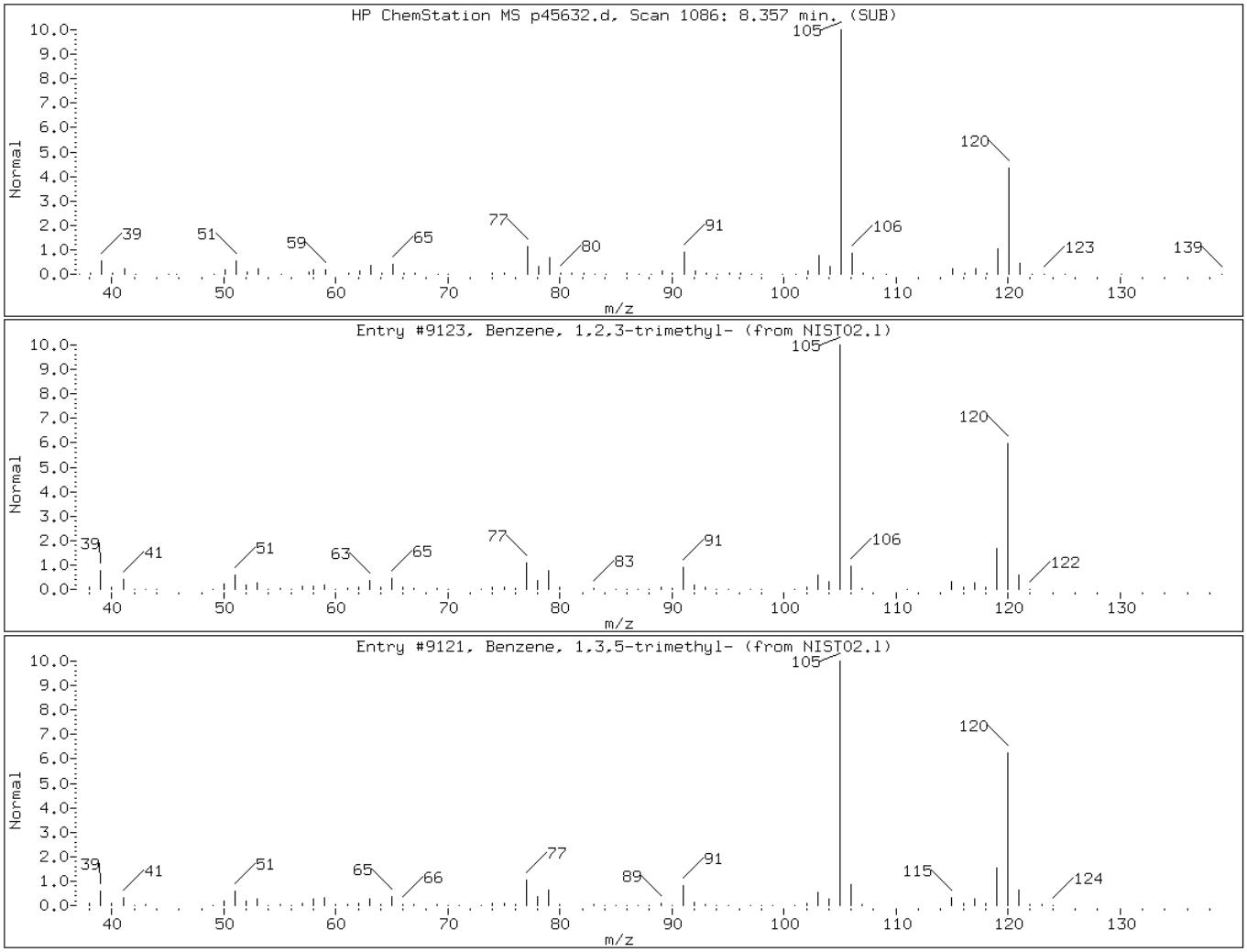
Date: 31-MAR-2011 14:23

Client ID: PMP-24-SI-E (10.5-1 Instrument: VOAMS13.i

Sample Info: 460-24280-D-13-A;200;;12.54;5 Operator:

Retention Time: 8.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer						
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.l	9123	95	C9H12	120
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.l	9121	94	C9H12	120



Data File: p45632.d

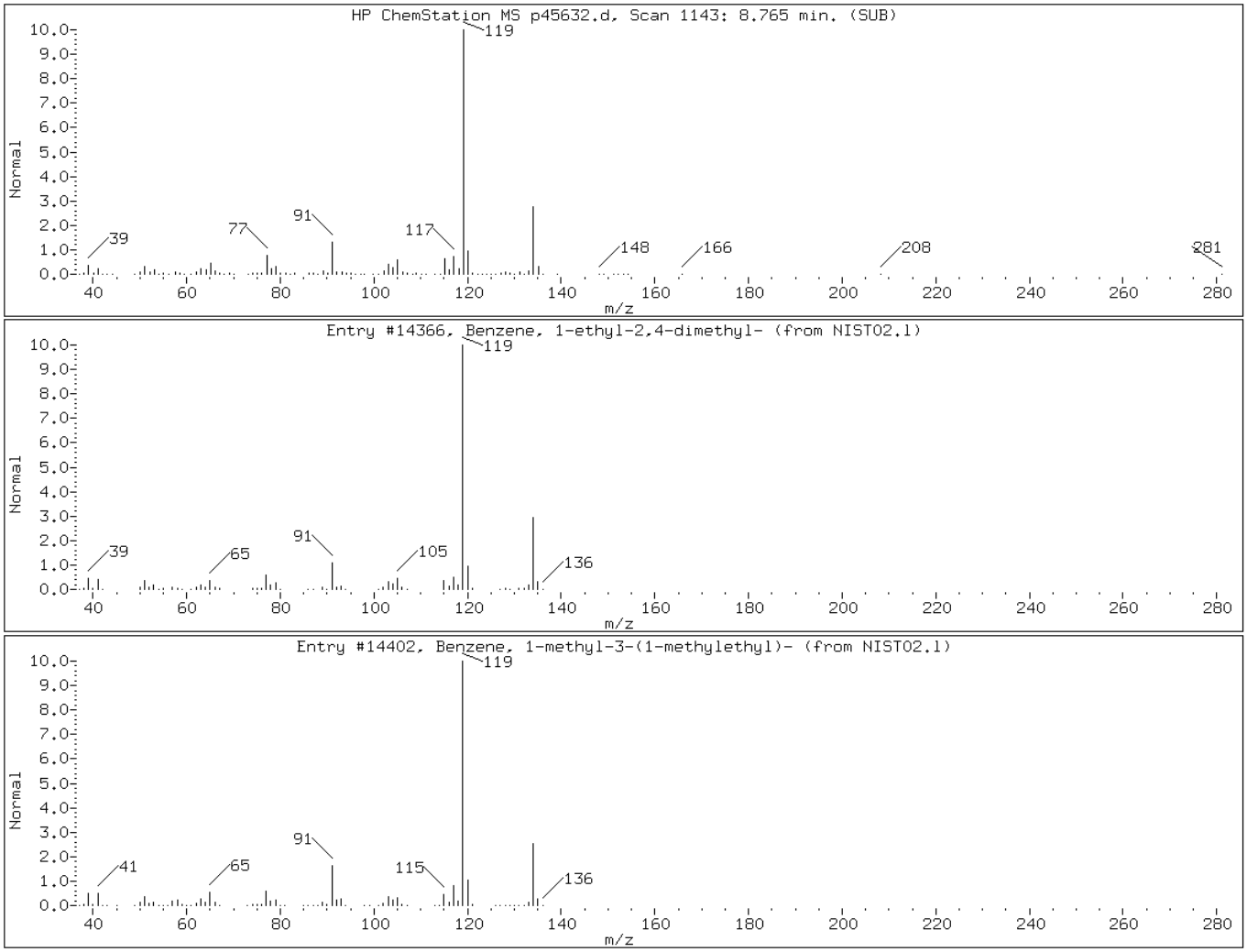
Date: 31-MAR-2011 14:23

Client ID: PMP-24-SI-E (10.5-1 Instrument: VOAMS13.i

Sample Info: 460-24280-D-13-A;200;;12.54;5 Operator:

Retention Time: 8.76

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14366	97	C10H14	134
Benzene, 1-methyl-3-(1-methylethyl	535-77-3	NIST02.l	14402	95	C10H14	134



Data File: p45632.d

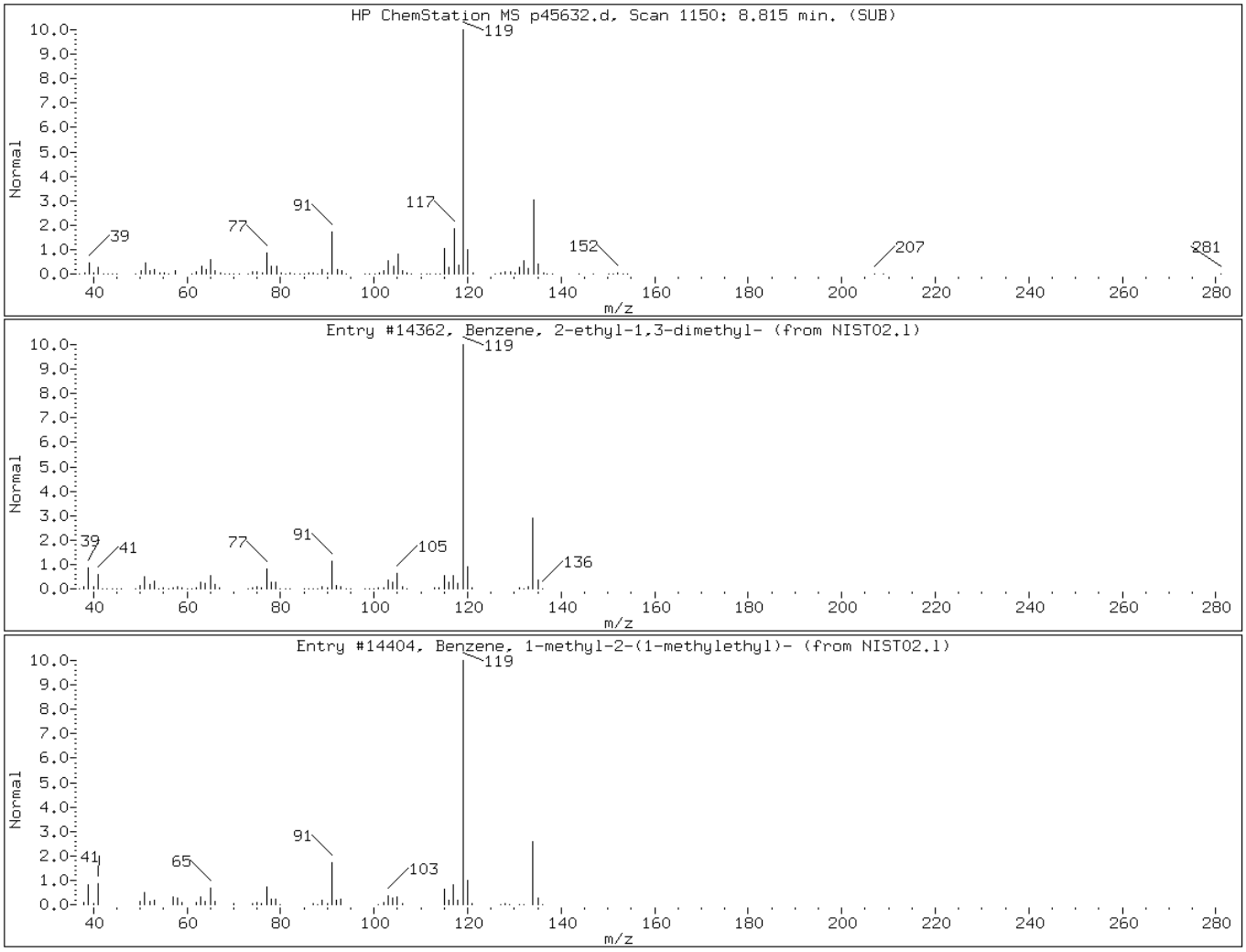
Date: 31-MAR-2011 14:23

Client ID: PMP-24-SI-E (10.5-1 Instrument: VOAMS13.i

Sample Info: 460-24280-D-13-A;200;;12.54;5 Operator:

Retention Time: 8.81

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer-1						
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.l	14362	93	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14404	93	C10H14	134



Data File: p45632.d

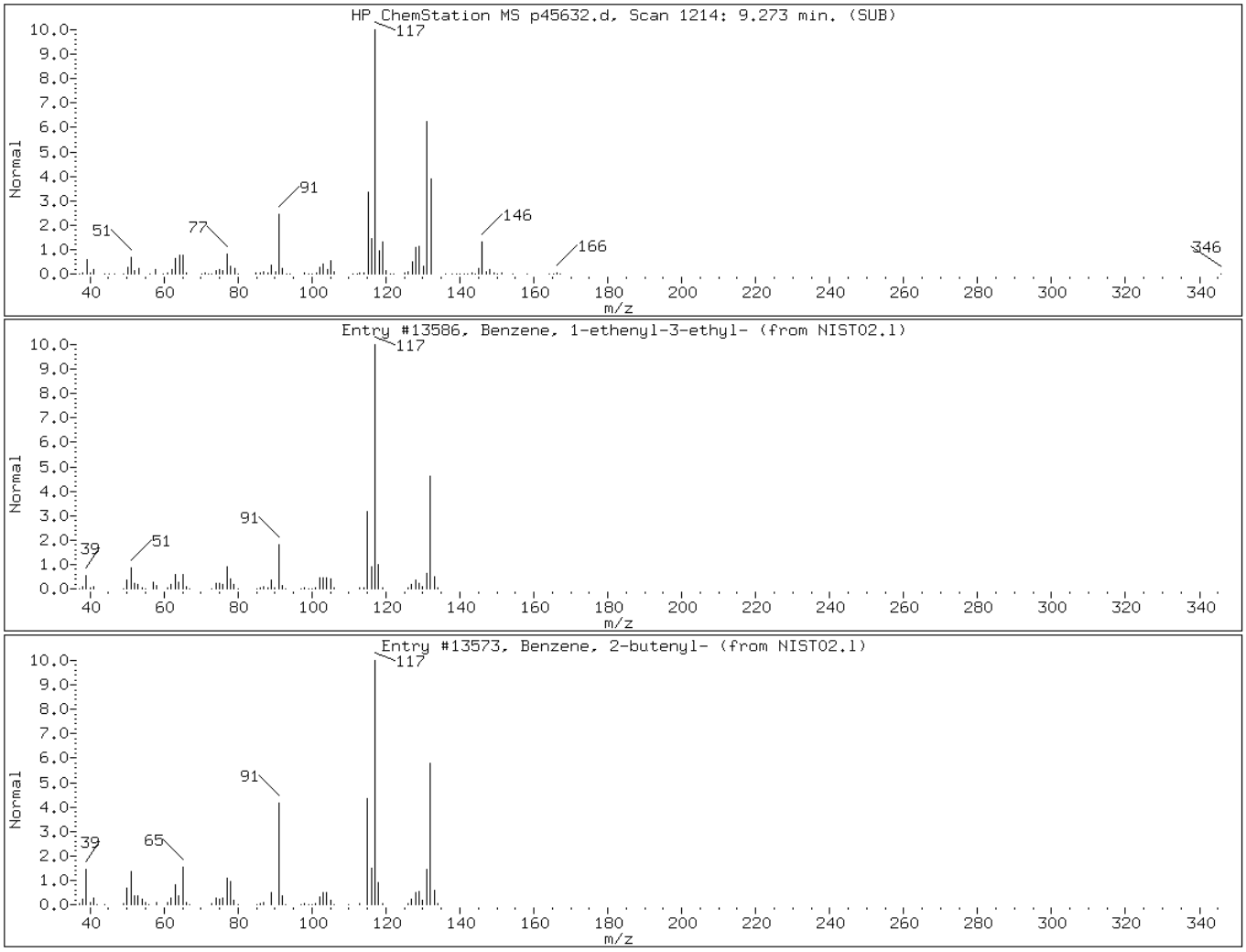
Date: 31-MAR-2011 14:23

Client ID: PMP-24-SI-E (10.5-1 Instrument: VOAMS13.i

Sample Info: 460-24280-D-13-A;200;;12.54;5 Operator:

Retention Time: 9.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H14 Aromatic						
Benzene, 1-ethenyl-3-ethyl-	7525-62-4	NIST02.l	13586	70	C10H12	132
Benzene, 2-butenyl-	1560-06-1	NIST02.l	13573	62	C10H12	132



Data File: p45632.d

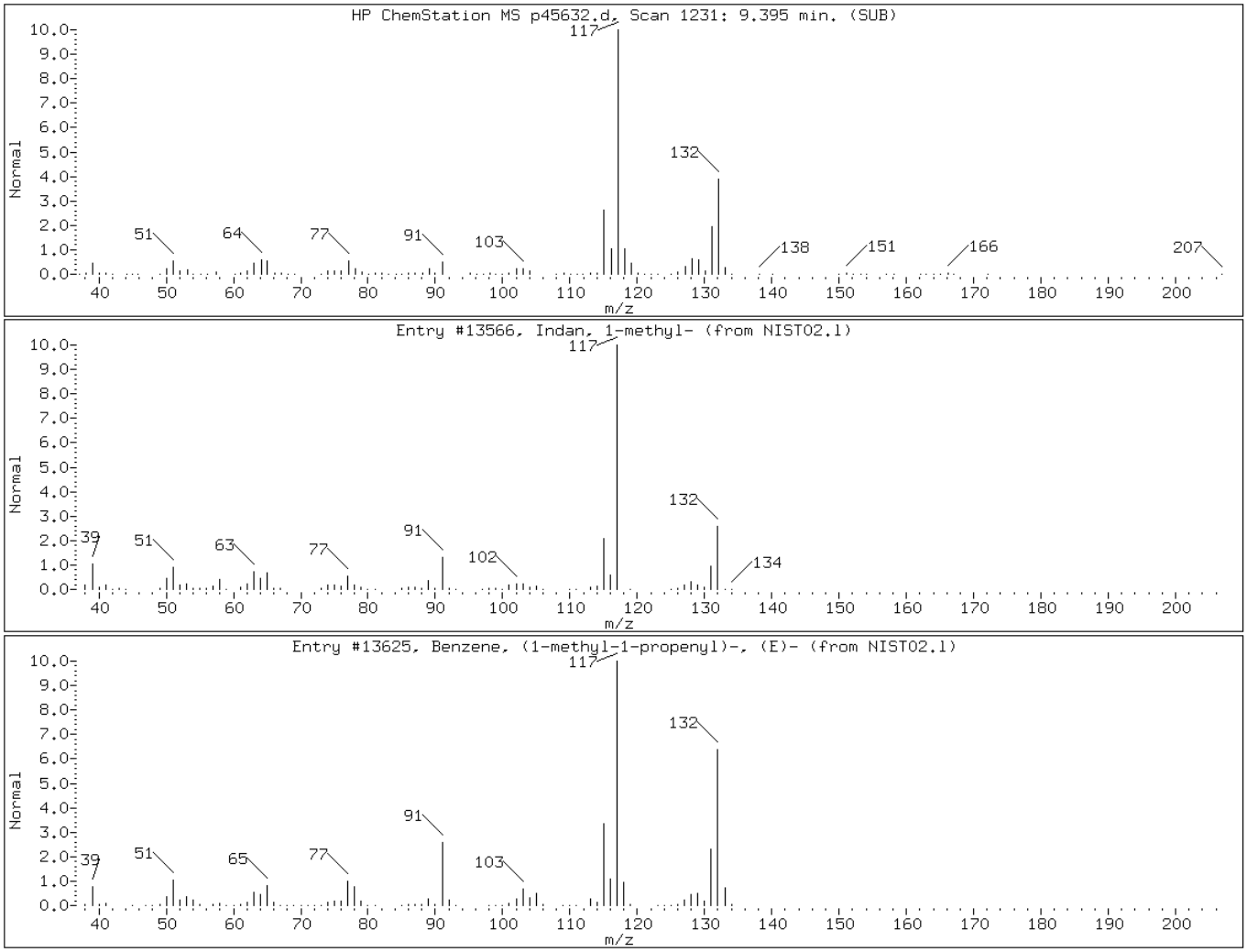
Date: 31-MAR-2011 14:23

Client ID: PMP-24-SI-E (10.5-1 Instrument: VOAMS13.i

Sample Info: 460-24280-D-13-A;200;;12.54;5 Operator:

Retention Time: 9.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic						
Indan, 1-methyl-	767-58-8	NIST02.l	13566	90	C10H12	132
Benzene, (1-methyl-1-propenyl)-, (	768-00-3	NIST02.l	13625	83	C10H12	132



Data File: p45632.d

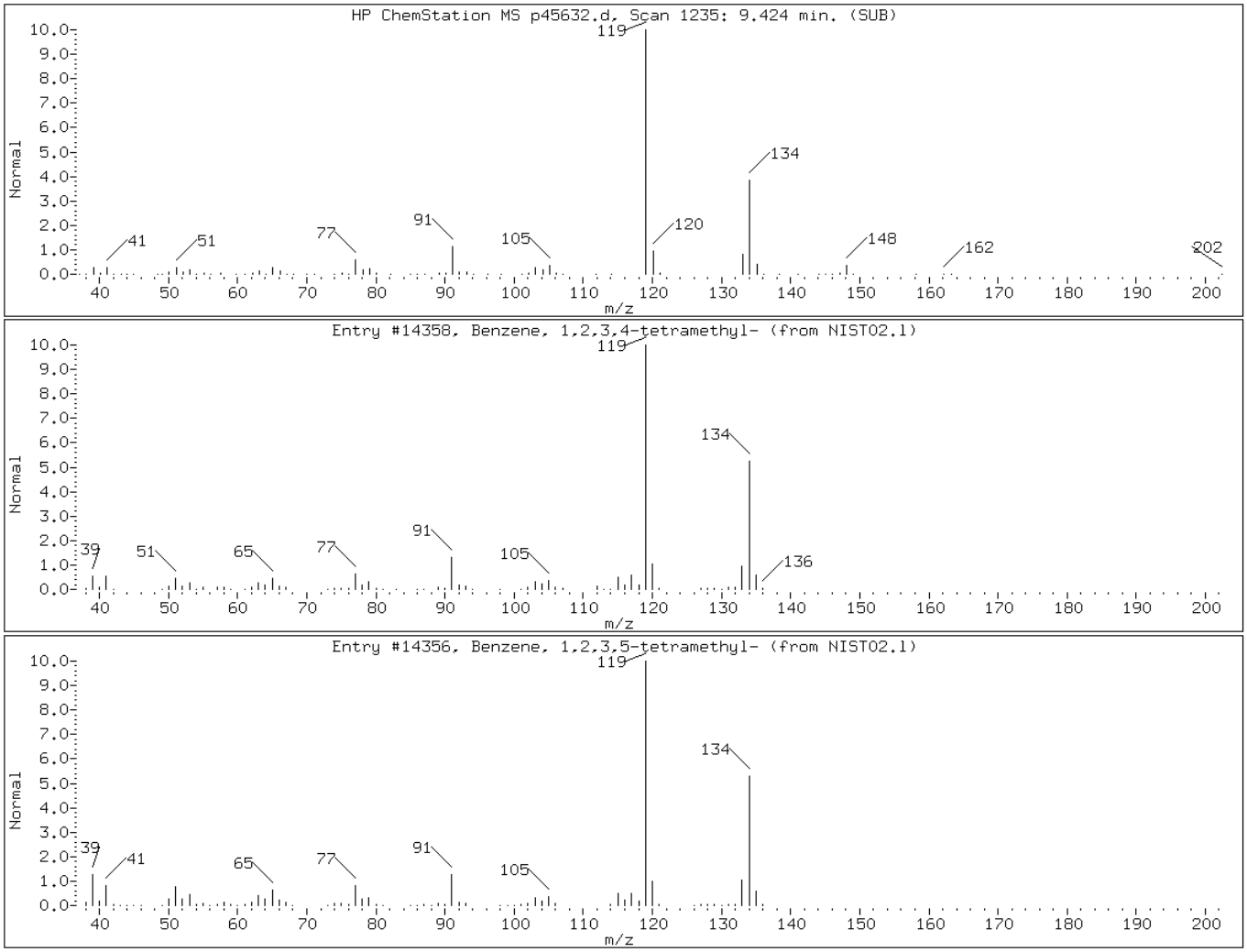
Date: 31-MAR-2011 14:23

Client ID: PMP-24-SI-E (10.5-1 Instrument: VOAMS13.i

Sample Info: 460-24280-D-13-A;200;;12.54;5 Operator:

Retention Time: 9.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer-1						
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14358	91	C10H14	134
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14356	91	C10H14	134



Data File: p45632.d

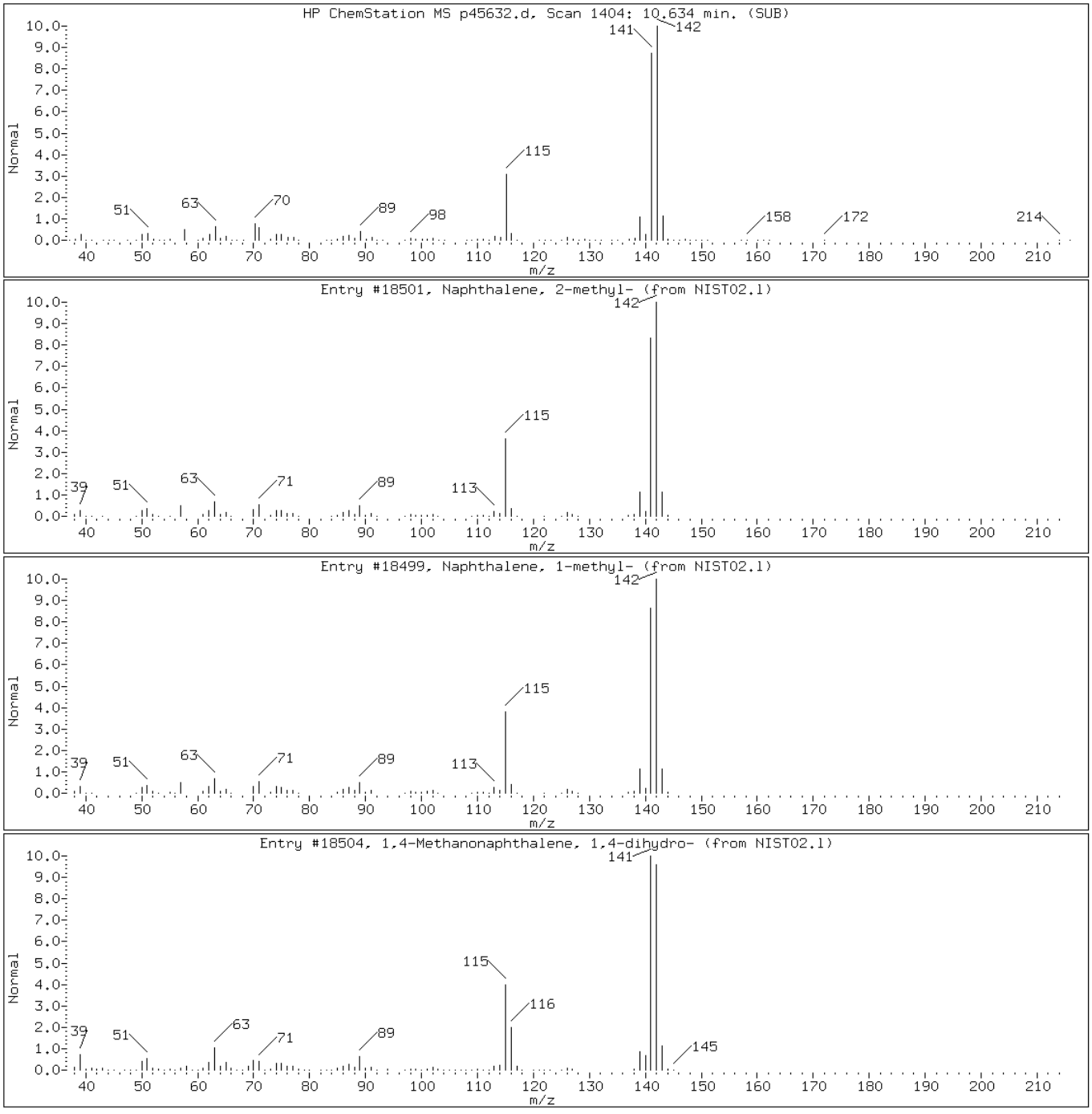
Date: 31-MAR-2011 14:23

Client ID: PMP-24-SI-E (10.5-1 Instrument: VOAMS13.i

Sample Info: 460-24280-D-13-A;200;;12.54;5 Operator:

Retention Time: 10.63

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



Data File: p45632.d

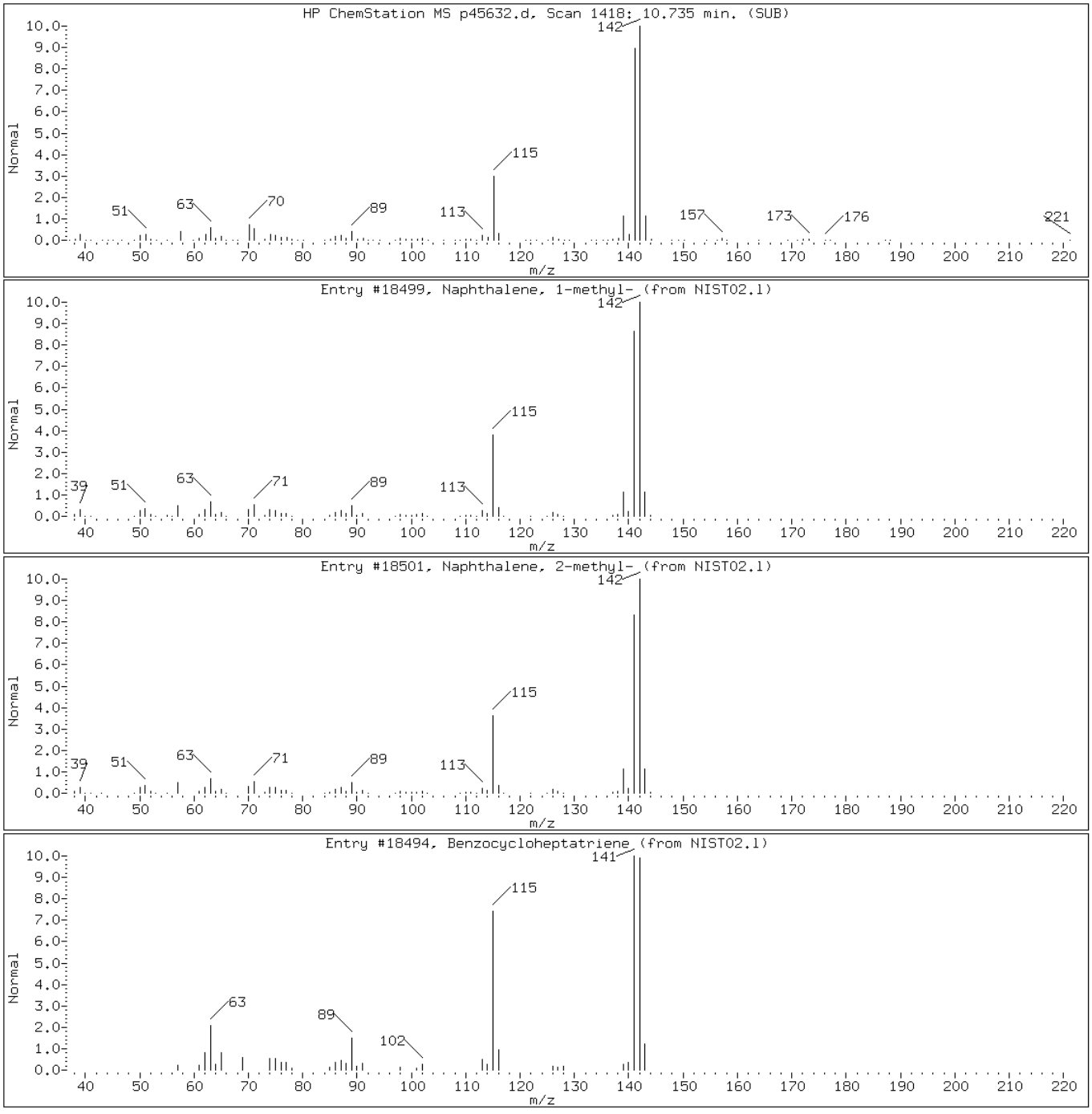
Date: 31-MAR-2011 14:23

Client ID: PMP-24-SI-E (10.5-1 Instrument: VOAMS13.i

Sample Info: 460-24280-D-13-A;200;;12.54;5 Operator:

Retention Time: 10.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 1-methyl-	90-12-0	NIST02.l	18499	96	C11H10	142
Naphthalene, 2-methyl-	91-57-6	NIST02.l	18501	96	C11H10	142
Benzocycloheptatriene	264-09-5	NIST02.l	18494	91	C11H10	142



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-2-VD-E (3.5-4.0) | Lab Sample ID: 460-24280-14

Matrix: Solid | Lab File ID: p45590.d

Analysis Method: 8260B | Date Collected: 03/17/2011 11:19

Sample wt/vol: 7.36(g) | Date Analyzed: 03/30/2011 17:11

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.1 | Level: (low/med) Medium

Analysis Batch No.: 68934 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	35	U	35	7.5
74-83-9	Bromomethane	35	U	35	11
75-01-4	Vinyl chloride	35	U	35	4.2
75-00-3	Chloroethane	35	U	35	16
75-09-2	Methylene Chloride	35	U	35	6.8
67-64-1	Acetone	250	J	350	88
75-15-0	Carbon disulfide	35	U	35	5.2
75-69-4	Trichlorofluoromethane	35	U *	35	5.6
75-35-4	1,1-Dichloroethene	35	U	35	5.0
75-34-3	1,1-Dichloroethane	35	U	35	3.5
156-60-5	trans-1,2-Dichloroethene	35	U	35	4.9
156-59-2	cis-1,2-Dichloroethene	24	J	35	6.9
67-66-3	Chloroform	35	U	35	5.5
78-93-3	2-Butanone	350	U	350	29
107-06-2	1,2-Dichloroethane	35	U	35	8.7
71-55-6	1,1,1-Trichloroethane	35	U	35	8.8
56-23-5	Carbon tetrachloride	35	U	35	6.4
71-43-2	Benzene	35	U	35	4.2
75-25-2	Bromoform	35	U	35	3.5
100-42-5	Styrene	35	U	35	4.9
100-41-4	Ethylbenzene	35	U	35	8.7
108-90-7	Chlorobenzene	30	J	35	5.8
110-82-7	Cyclohexane	35	U	35	4.4
98-82-8	Isopropylbenzene	35	U	35	7.5
591-78-6	2-Hexanone	350	U	350	19
1634-04-4	MTBE	35	U	35	6.6
76-13-1	Freon TF	35	U	35	10
79-20-9	Methyl acetate	71	U	71	12
123-91-1	1,4-Dioxane	1800	U	1800	300
79-01-6	Trichloroethene	30	J	35	6.3
108-88-3	Toluene	13	J	35	3.4
10061-02-6	trans-1,3-Dichloropropene	35	U	35	4.3
108-10-1	4-Methyl-2-pentanone	350	U	350	24
10061-01-5	cis-1,3-Dichloropropene	35	U	35	3.6
95-50-1	1,2-Dichlorobenzene	260		35	5.8
541-73-1	1,3-Dichlorobenzene	200		35	8.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-2-VD-E (3.5-4.0) | Lab Sample ID: 460-24280-14

Matrix: Solid | Lab File ID: p45590.d

Analysis Method: 8260B | Date Collected: 03/17/2011 11:19

Sample wt/vol: 7.36(g) | Date Analyzed: 03/30/2011 17:11

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.1 | Level: (low/med) Medium

Analysis Batch No.: 68934 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	690		35	5.3
120-82-1	1,2,4-Trichlorobenzene	1600		35	15
87-61-6	1,2,3-Trichlorobenzene	300		35	29
78-87-5	1,2-Dichloropropane	35	U	35	3.1
108-87-2	Methylcyclohexane	41		35	2.8
127-18-4	Tetrachloroethene	35	U	35	6.9
1330-20-7	Xylenes, Total	130		110	15
96-12-8	1,2-Dibromo-3-Chloropropane	35	U	35	5.4
79-34-5	1,1,2,2-Tetrachloroethane	35	U	35	3.1
79-00-5	1,1,2-Trichloroethane	35	U	35	3.4
124-48-1	Dibromochloromethane	35	U	35	3.6
106-93-4	1,2-Dibromoethane	35	U	35	3.2
75-71-8	Dichlorodifluoromethane	35	U	35	10
74-97-5	Bromochloromethane	35	U	35	6.1
75-27-4	Bromodichloromethane	35	U	35	3.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	68		57-135
2037-26-5	Toluene-d8 (Surr)	67		46-130
460-00-4	Bromofluorobenzene	85		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-2-VD-E (3.5-4.0) Lab Sample ID: 460-24280-14

Matrix: Solid Lab File ID: p45590.d

Analysis Method: 8260B Date Collected: 03/17/2011 11:19

Sample wt/vol: 7.36(g) Date Analyzed: 03/30/2011 17:11

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.18(mm)

% Moisture: 4.1 Level: (low/med) Medium

Analysis Batch No.: 68934 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 6540

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Trimethylbenzene isomer	8.36	570	J
	Ethyldimethylbenzene isomer	8.55	690	J
	Ethyldimethylbenzene isomer-1	8.76	520	J
	C10H14 Aromatic	8.81	550	J
	Tetramethylbenzene isomer	9.14	610	J
	2,3-dihydro-methyl-1H-Indene isomer	9.40	940	J
	C10H14 Aromatic-1	9.42	720	J
	Coeluting Aromatics-2	9.66	690	J
	2,3-dihydro-dimethyl-1H-Indene isomer-1	9.71	400	J
	Tetrahydromethylnaphthalene isomer	10.17	850	J

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45590.d
Report Date: 31-Mar-2011 15:36

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45590.d
Lab Smp Id: 460-24280-D-14-A Client Smp ID: PMP-2-VD-E (3.5-4.0
Inj Date : 30-MAR-2011 17:11
Operator : Inst ID: VOAMS13.i
Smp Info : 460-24280-D-14-A;50;;7.36;5
Misc Info : 460-24280-D-14-A
Comment   :
Method   : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/8260_09.m
Meth Date : 30-Mar-2011 10:34 desais Quant Type: ISTD
Cal Date : 03-MAR-2011 04:37 Cal File: p44665.d
Als bottle: 18
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	7.36000	Weight of sample extracted (g)
M	4.09091	% 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)
	16 Acetone	58	1.487	1.480	(0.501)	1453	7.05785	250(aH)
	36 cis-1,2-Dichloroethene	96	2.125	2.132	(0.715)	1860	0.68716	24(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	2.762	2.769	(0.930)	98612	34.0196	1200
*	52 Fluorobenzene	96	2.970	2.970	(1.000)	549343	50.0000	
	54 Trichloroethene	95	3.099	3.099	(1.043)	2146	0.85975	30(a)
	56 Methyl cyclohexane	83	3.063	3.077	(1.031)	4090	1.16690	41
$	65 Toluene-d8 (SUR)	98	4.367	4.374	(0.712)	346631	33.4620	1200
	66 Toluene	91	4.424	4.424	(0.722)	4592	0.36142	13(a)
*	78 Chlorobenzene-d5	117	6.129	6.129	(1.000)	457244	50.0000	
	79 Chlorobenzene	112	6.143	6.150	(1.002)	6787	0.85256	30(a)
	82 m+p-Xylene	106	6.415	6.415	(1.047)	6055	1.12771	40
	84 o-Xylene	106	6.845	6.845	(1.117)	12243	2.43576	86
$	89 Bromofluorobenzene (SUR)	174	7.389	7.389	(0.890)	164980	42.6062	1500
	97 1,3,5-Trimethylbenzene	105	7.726	7.726	(0.931)	122419	10.8565	380

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45590.d
Report Date: 31-Mar-2011 15:36

						CONCENTRATIONS	
	QUANT SIG					ON-COLUMN	FINAL
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
==========	====	==	======	======	========	=======	=======
101 1,2,4-Trimethylbenzene	105	8.027	8.027	(0.967)	118343	9.82668	350
105 1,3-Dichlorobenzene	146	8.235	8.235	(0.992)	40886	5.73822	200
* 108 1,4-Dichlorobenzene-d4	152	8.299	8.299	(1.000)	274591	50.0000	
109 1,4-Dichlorobenzene	146	8.314	8.306	(1.002)	142893	19.4391	690
111 1,2-Dichlorobenzene	146	8.622	8.614	(1.039)	49541	7.35598	260
114 1,2,4-Trichlorobenzene	180	9.689	9.689	(1.167)	200590	44.3458	1600
117 1,2,3-Trichlorobenzene	180	10.033	10.033	(1.209)	32277	8.46710	300
M 120 1,2-Dichloroethene (Total)	100				1860	0.75785	27(a)
M 121 Xylene (Total)	100				18298	3.56348	130

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45590.d
Report Date: 31-Mar-2011 15:36

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45590.d
Lab Smp Id: 460-24280-D-14-A Client Smp ID: PMP-2-VD-E (3.5-4.0
Inj Date : 30-MAR-2011 17:11
Operator : Inst ID: VOAMS13.i
Smp Info : 460-24280-D-14-A;50;;7.36;5
Misc Info : 460-24280-D-14-A
Comment   :
Method   : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/8260_09.m
Meth Date : 30-Mar-2011 10:34 desais Quant Type: ISTD
Cal Date : 03-MAR-2011 04:37 Cal File: p44665.d
Als bottle: 18
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	7.36000	Weight of sample extracted (g)
M	4.09091	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 108 1,4-Dichlorobenzene-d4	8.299	2465800	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Trimethylbenzene isomer						CAS #:	
8.357	797986	16.1810804	570	0		0	108
Ethyldimethylbenzene isomer						CAS #:	
8.550	954959	19.3640831	680	0		0	108

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45590.d
Report Date: 31-Mar-2011 15:36

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Methylpropylbenzene isomer					CAS #:		
8.686	354591	7.19018791	250	0		0	108
Ethyldimethylbenzene isomer-1					CAS #:		
8.758	720160	14.6029641	520	0		0	108
C10H14 Aromatic					CAS #:		
8.815	766708	15.5468265	550	0		0	108
Coeluting Aromatics					CAS #:		
8.973	491663	9.96964606	350	0		0	108
Tetramethylbenzene isomer					CAS #:		
9.137	849144	17.2184296	610	0		0	108
C11H16 Aromatic					CAS #:		
9.216	445430	9.03215832	320	0		0	108(ML)
Coeluting Aromatics-1					CAS #:		
9.273	511961	10.3812351	370	0		0	108
Unknown					CAS #:		
9.331	351357	7.12459443	250	0		0	108
2,3-dihydro-methyl-1H-Indene isomer					CAS #:		
9.395	1306914	26.5008029	940	0		0	108
C10H14 Aromatic-1					CAS #:		
9.417	1005571	20.3903569	720	0		0	108
2,3-dihydro-dimethyl-1H-Indene isomer					CAS #:		
9.596	497139	10.0806825	360	0		0	108
Coeluting Aromatics-2					CAS #:		
9.660	962761	19.5222864	690	0		0	108(ML)
2,3-dihydro-dimethyl-1H-Indene isomer-1					CAS #:		
9.710	559955	11.3544155	400	0		0	108(ML)
Coeluting Aromatics-3					CAS #:		
9.875	529575	10.7383970	380	0		0	108(M)
Tetrahydromethylnaphthalene isomer					CAS #:		
10.169	1181595	23.9596569	850	0		0	108

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45590.d
Report Date: 31-Mar-2011 15:36

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Tetrahydrodimethylnaphthalene isomer					CAS #:		
10.262	456306	9.25268521	330	0		0	108

QC Flag Legend

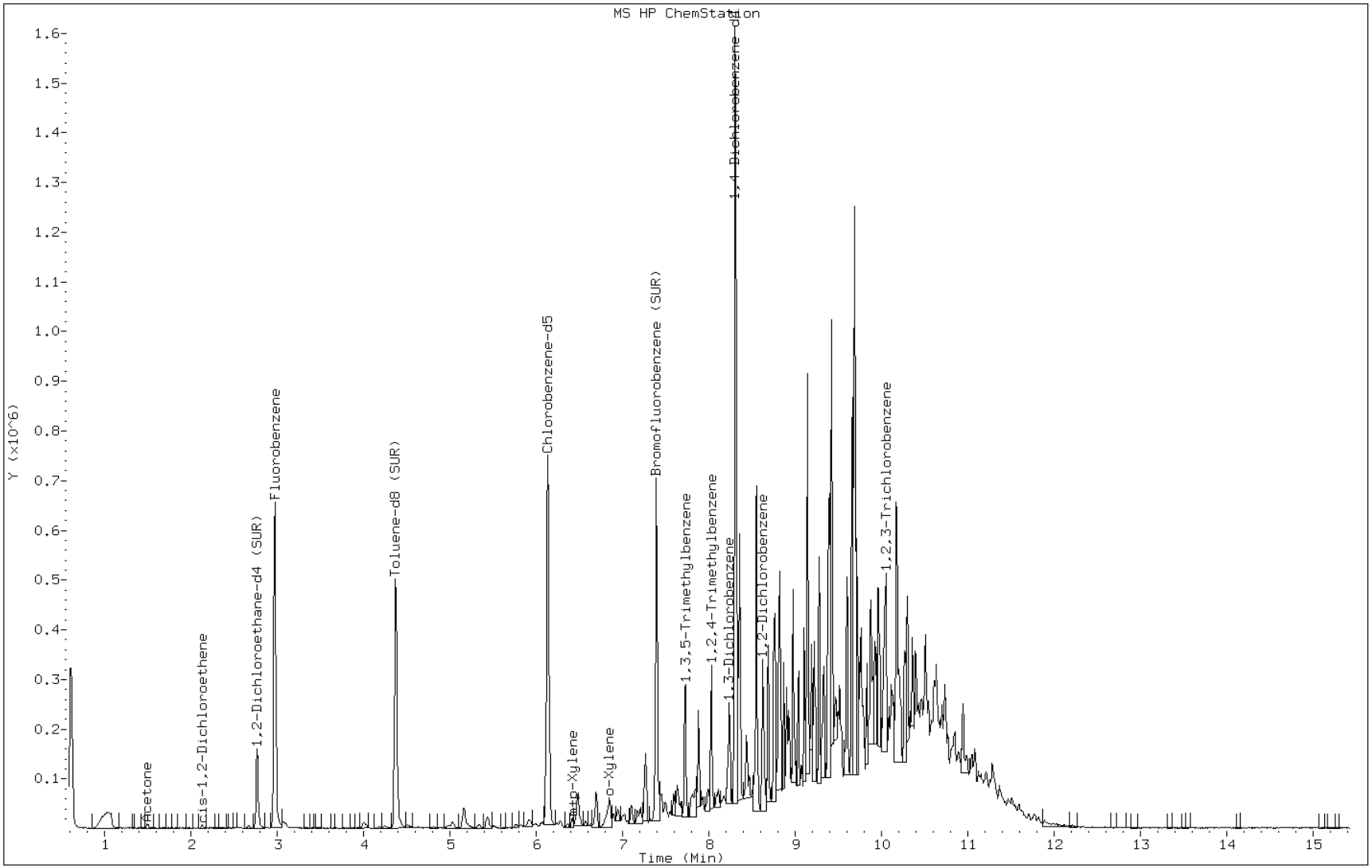
M - Compound response manually integrated.
L - Operator selected an alternate library search match.

Data File: p45590.d

Date: 30-MAR-2011 17:11

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: VOAMS13.i

Sample Info: 460-24280-D-14-A;50;;7.36;5 Operator:



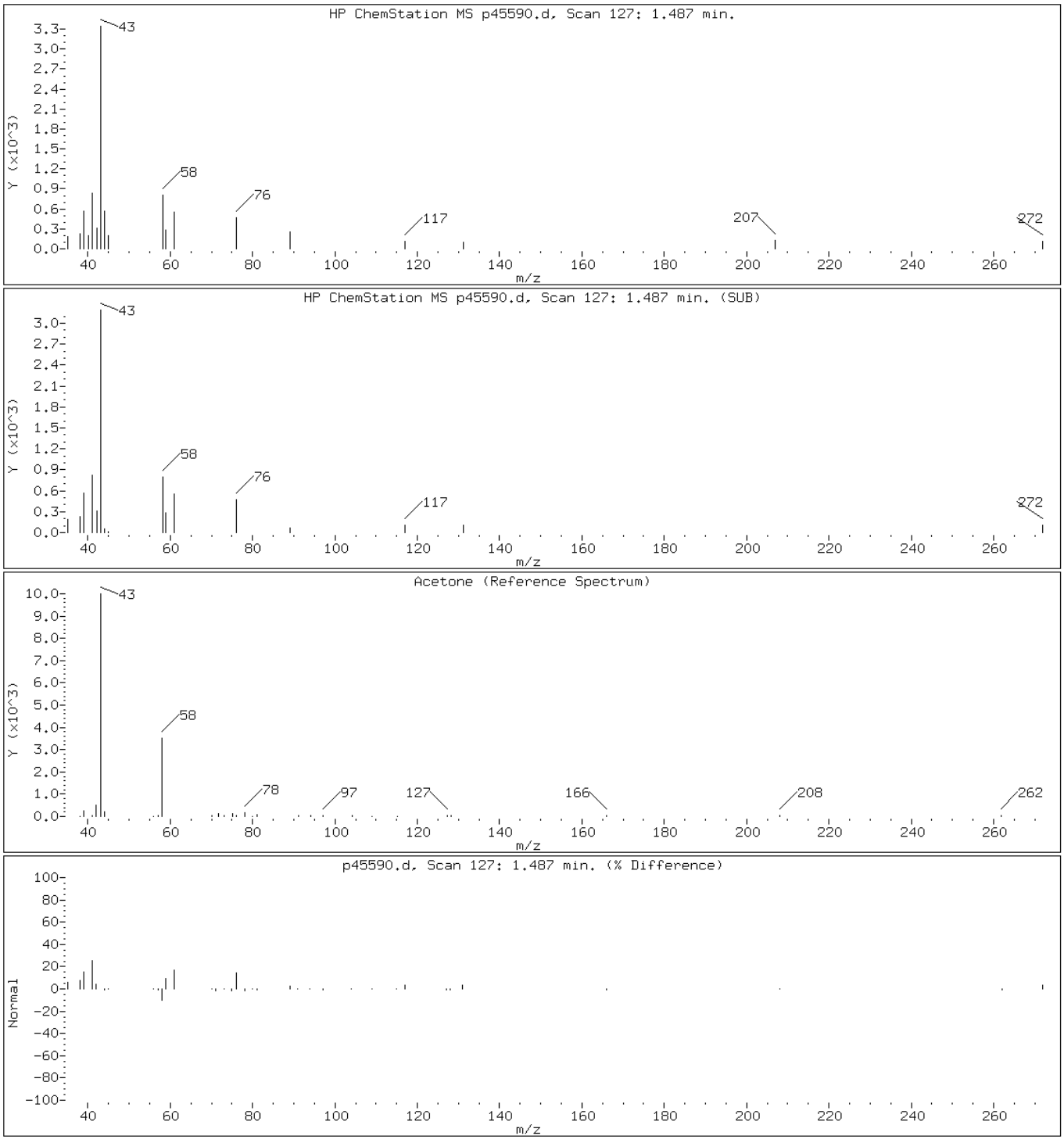
Data File: p45590.d

Date: 30-MAR-2011 17:11

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: VOAMS13.i

Sample Info: 460-24280-D-14-A;50;;7.36;5 Operator:

16 Acetone



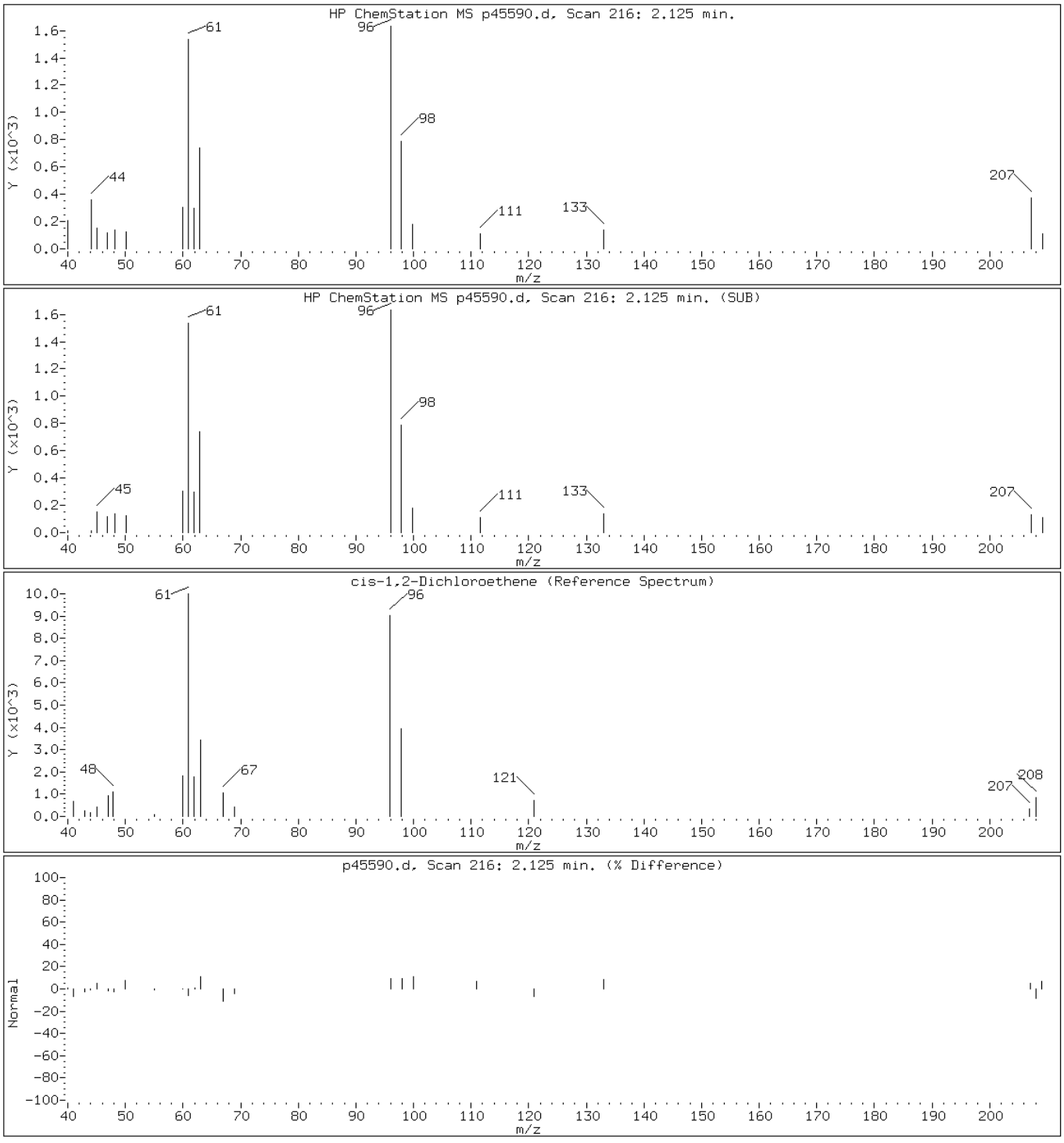
Data File: p45590.d

Date: 30-MAR-2011 17:11

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: VOAMS13.i

Sample Info: 460-24280-D-14-A;50;;7.36;5 Operator:

36 cis-1,2-Dichloroethene



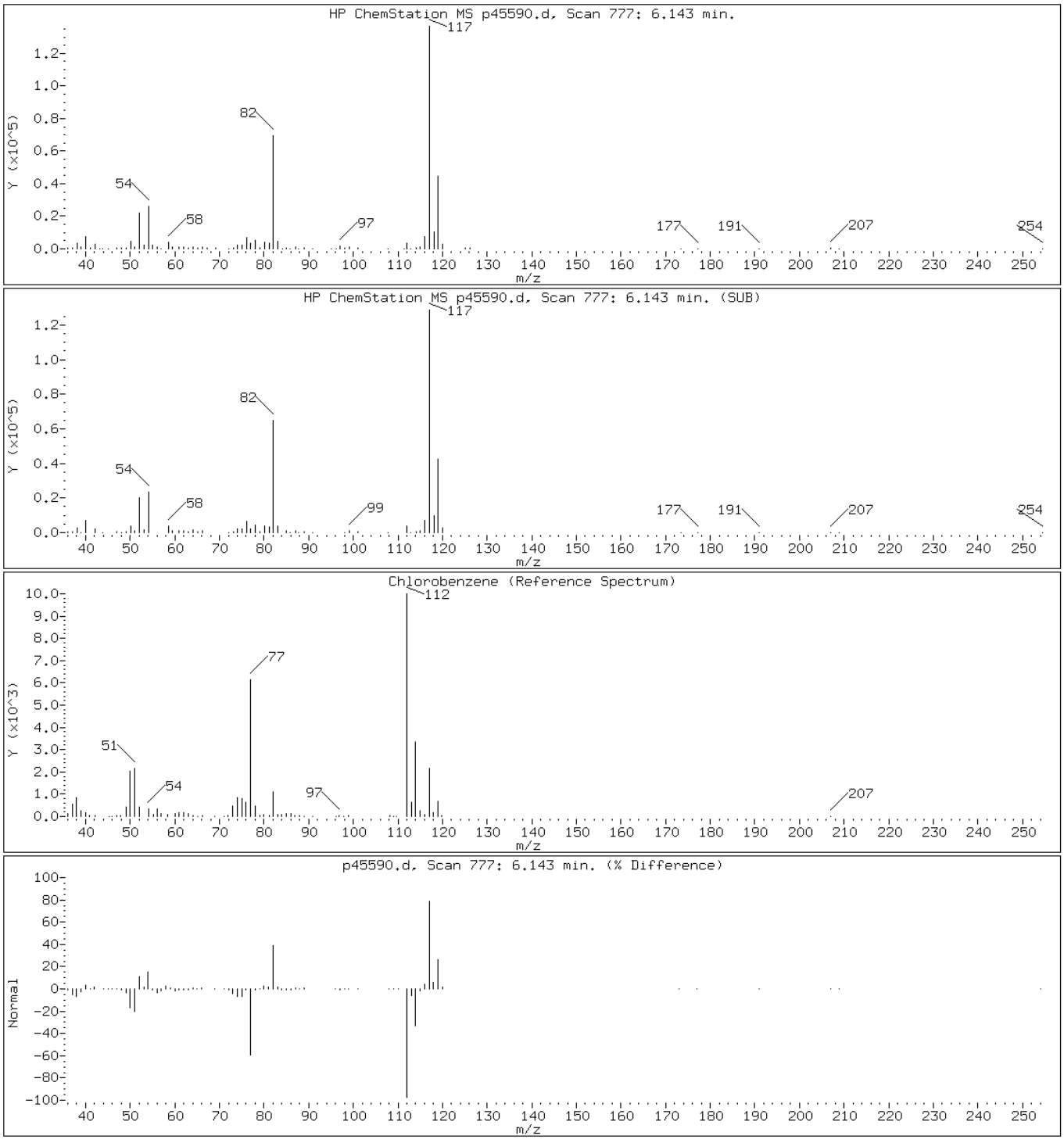
Data File: p45590.d

Date: 30-MAR-2011 17:11

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: VOAMS13.i

Sample Info: 460-24280-D-14-A;50;;7.36;5 Operator:

79 Chlorobenzene



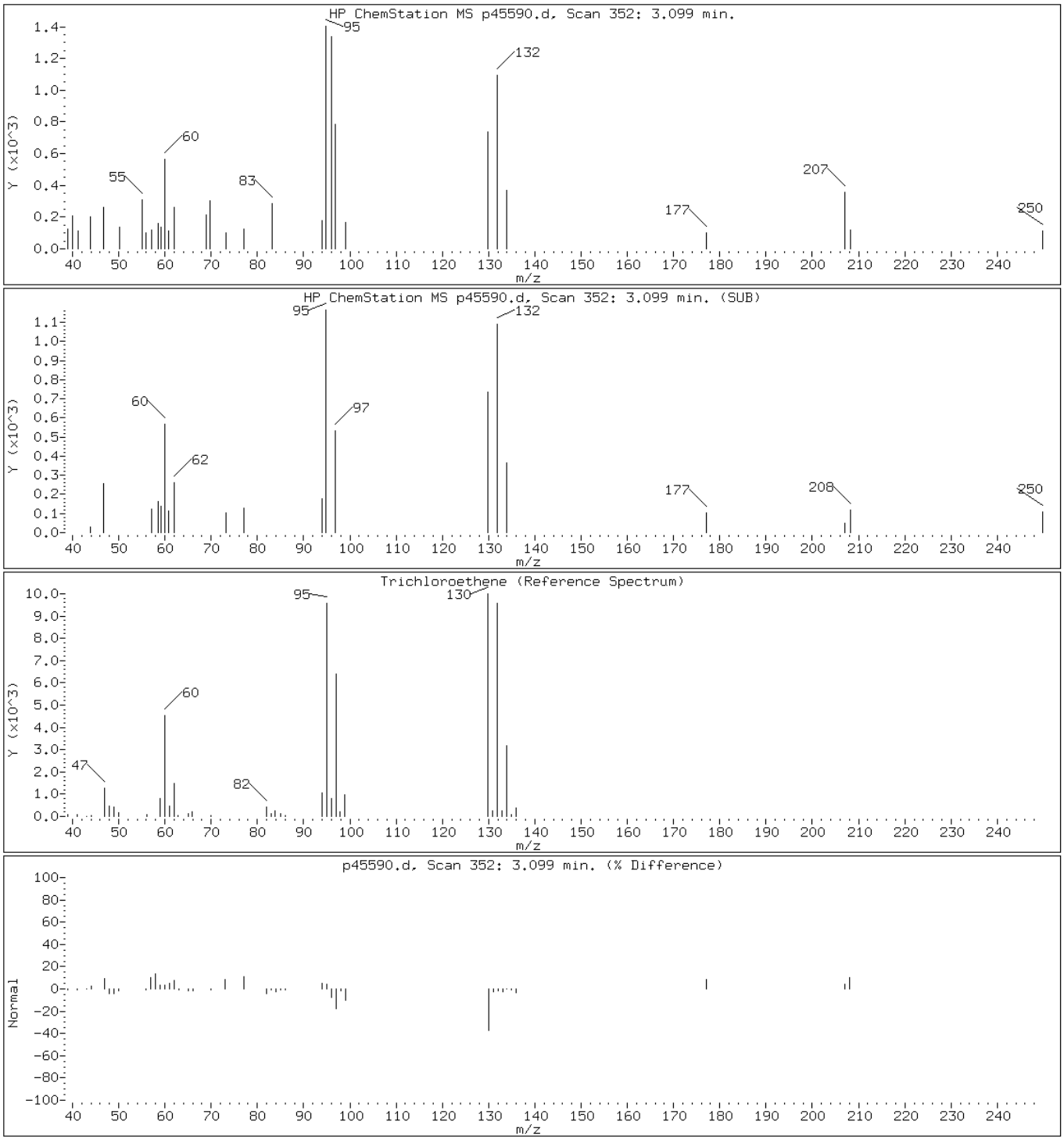
Data File: p45590.d

Date: 30-MAR-2011 17:11

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: VOAMS13.i

Sample Info: 460-24280-D-14-A;50;;7.36;5 Operator:

54 Trichloroethene



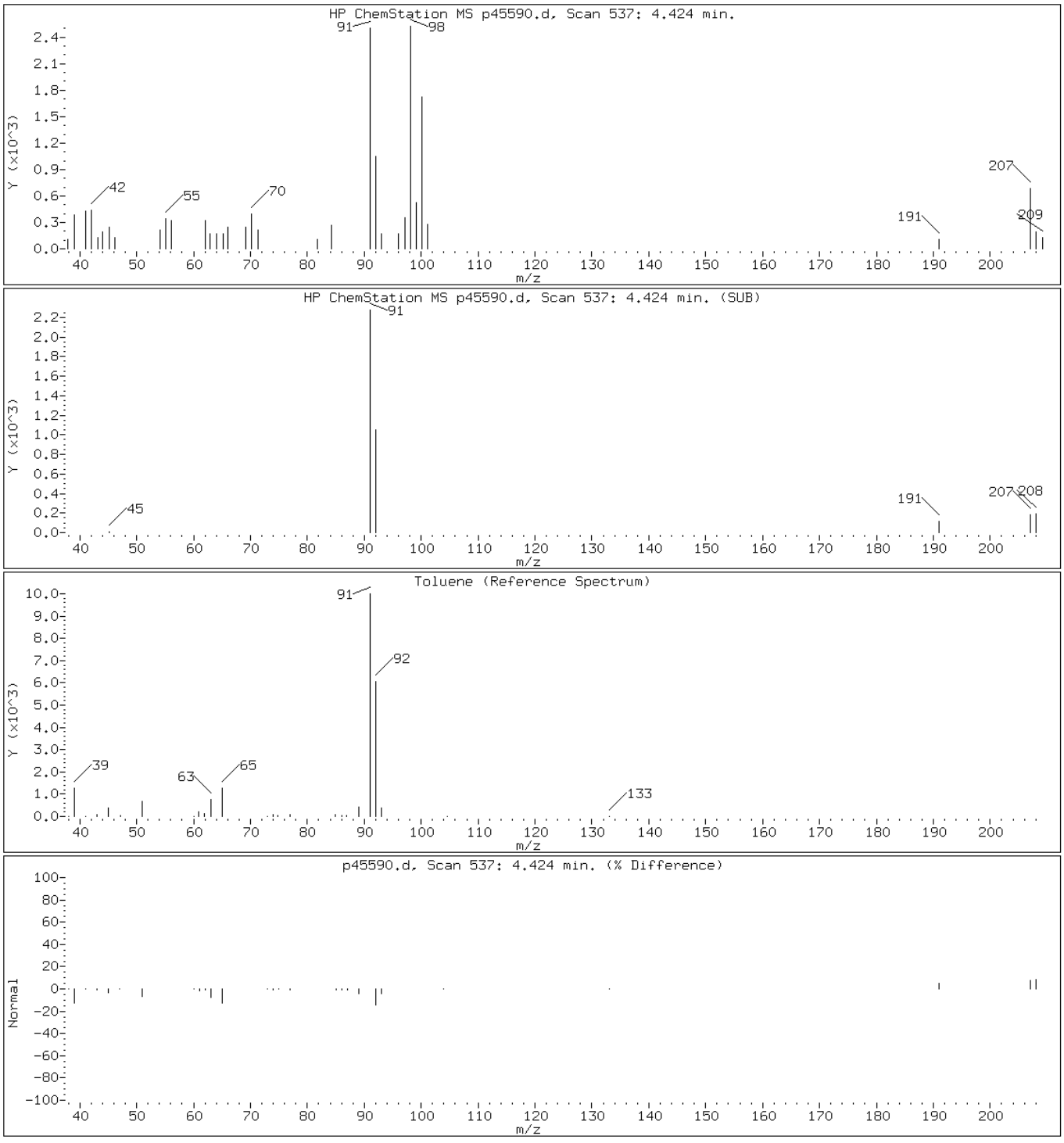
Data File: p45590.d

Date: 30-MAR-2011 17:11

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: VOAMS13.i

Sample Info: 460-24280-D-14-A;50;;7.36;5 Operator:

66 Toluene



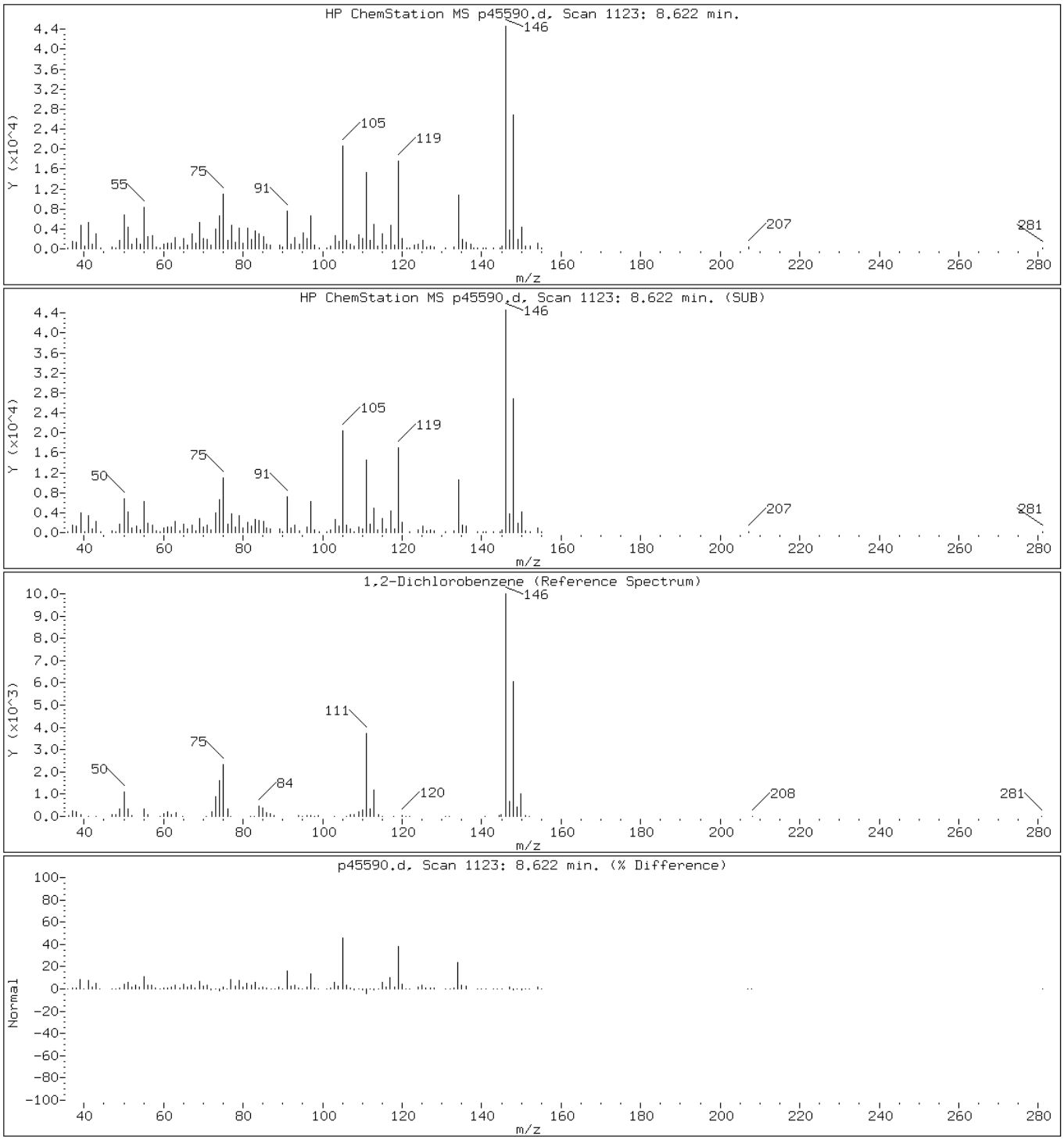
Data File: p45590.d

Date: 30-MAR-2011 17:11

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: VOAMS13.i

Sample Info: 460-24280-D-14-A;50;;7.36;5 Operator:

111 1,2-Dichlorobenzene



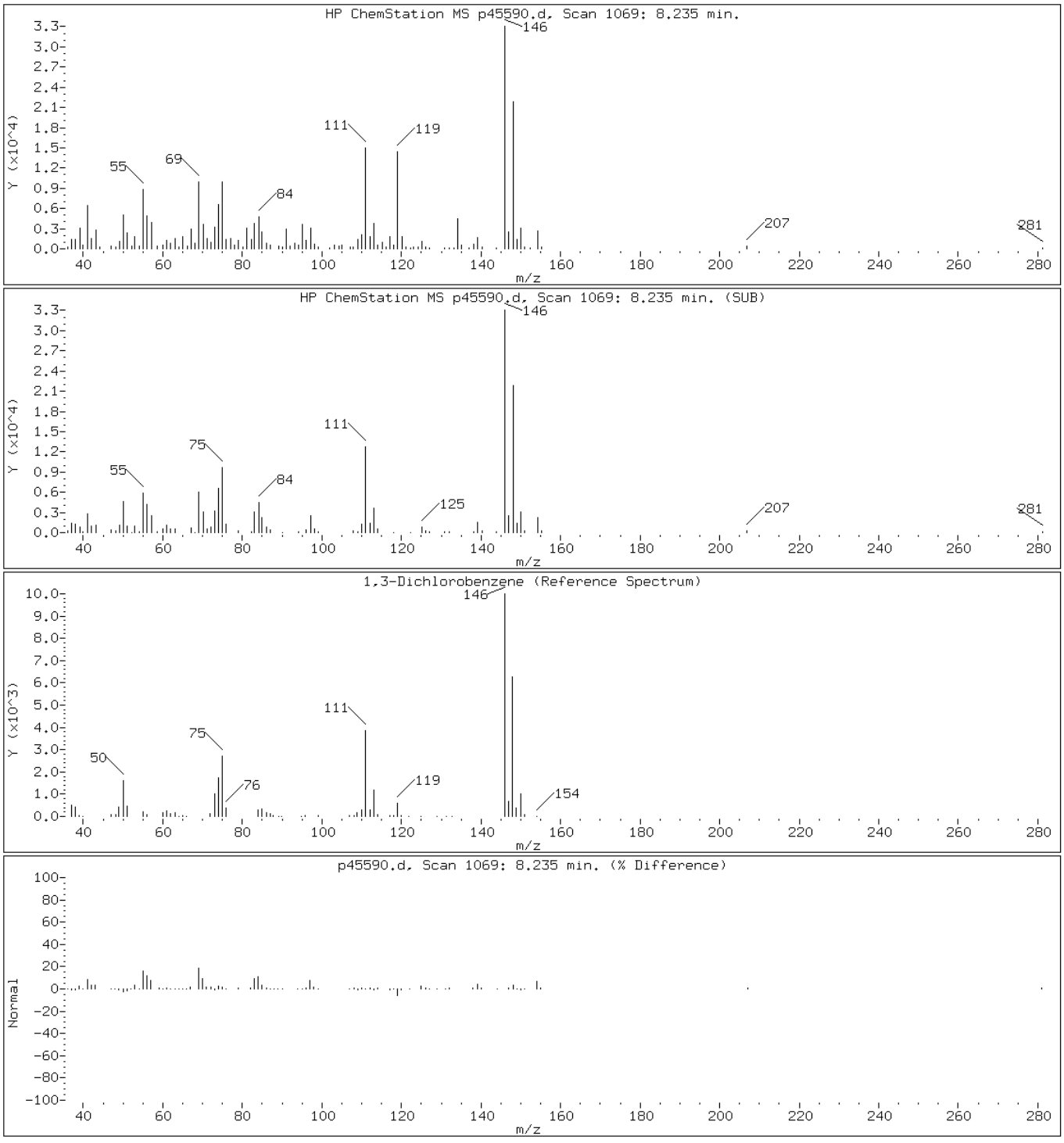
Data File: p45590.d

Date: 30-MAR-2011 17:11

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: VOAMS13.i

Sample Info: 460-24280-D-14-A;50;;7.36;5 Operator:

105 1,3-Dichlorobenzene



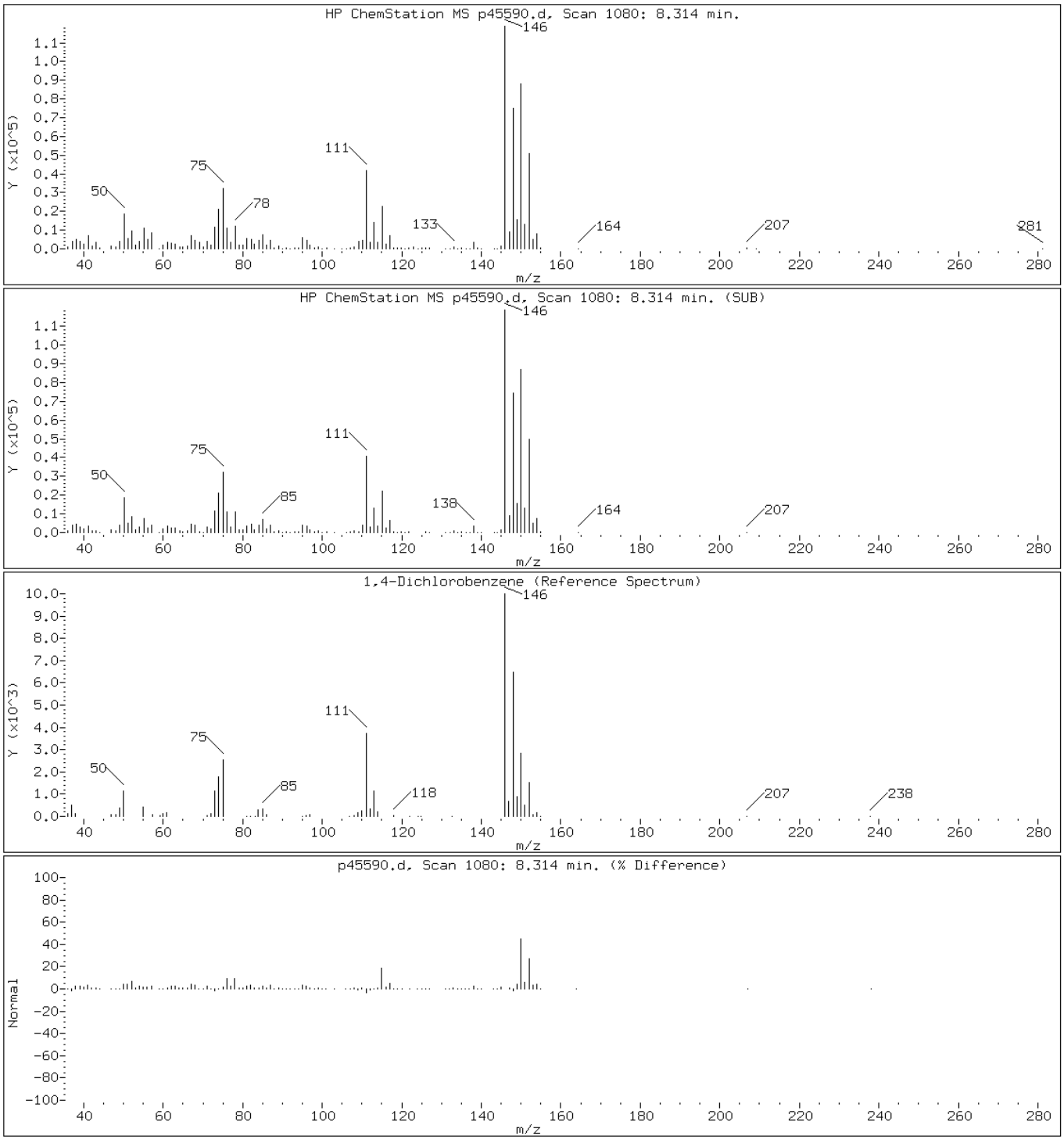
Data File: p45590.d

Date: 30-MAR-2011 17:11

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: VOAMS13.i

Sample Info: 460-24280-D-14-A;50;;7.36;5 Operator:

109 1,4-Dichlorobenzene



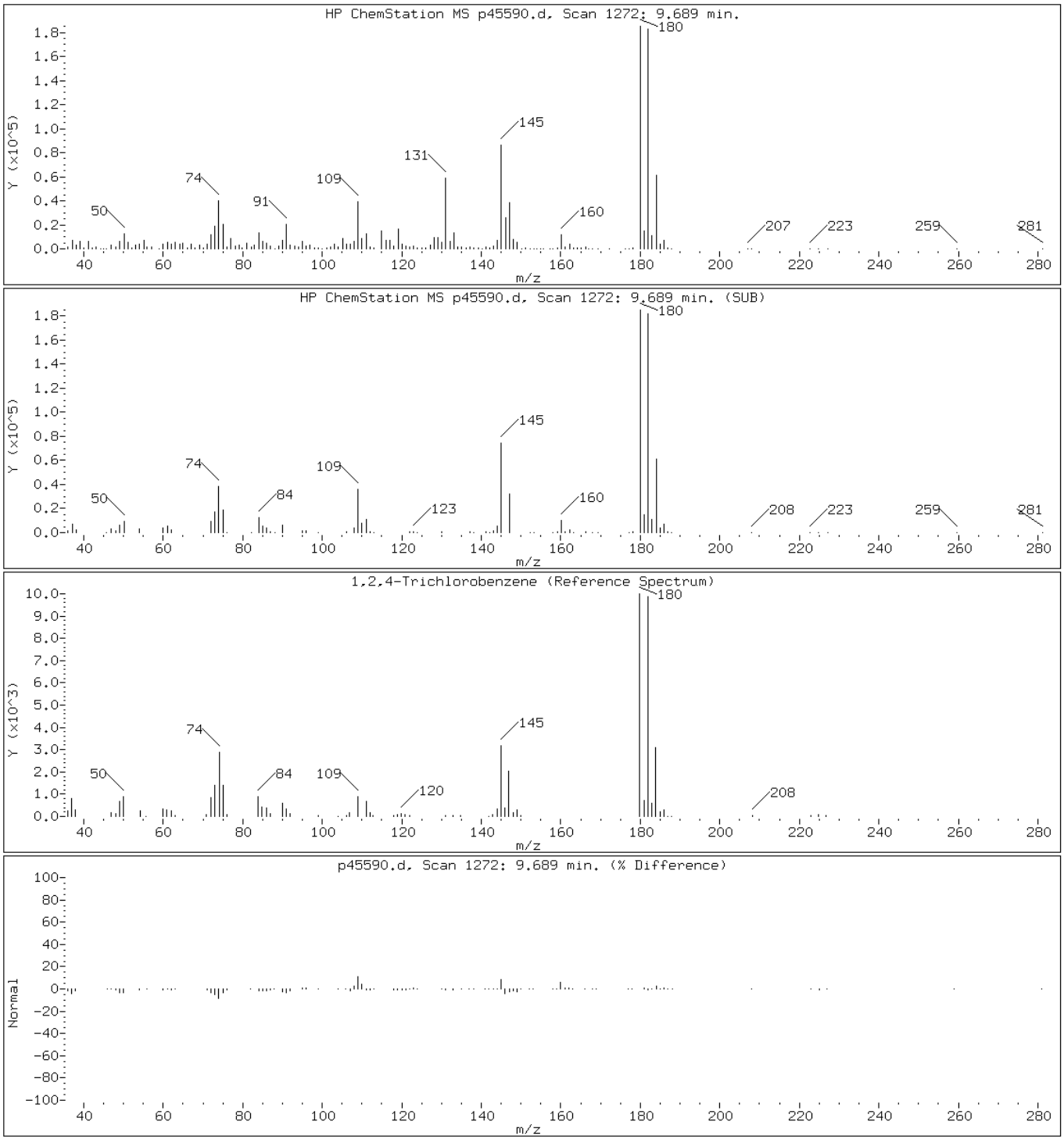
Data File: p45590.d

Date: 30-MAR-2011 17:11

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: VOAMS13.i

Sample Info: 460-24280-D-14-A;50;;7.36;5 Operator:

114 1,2,4-Trichlorobenzene



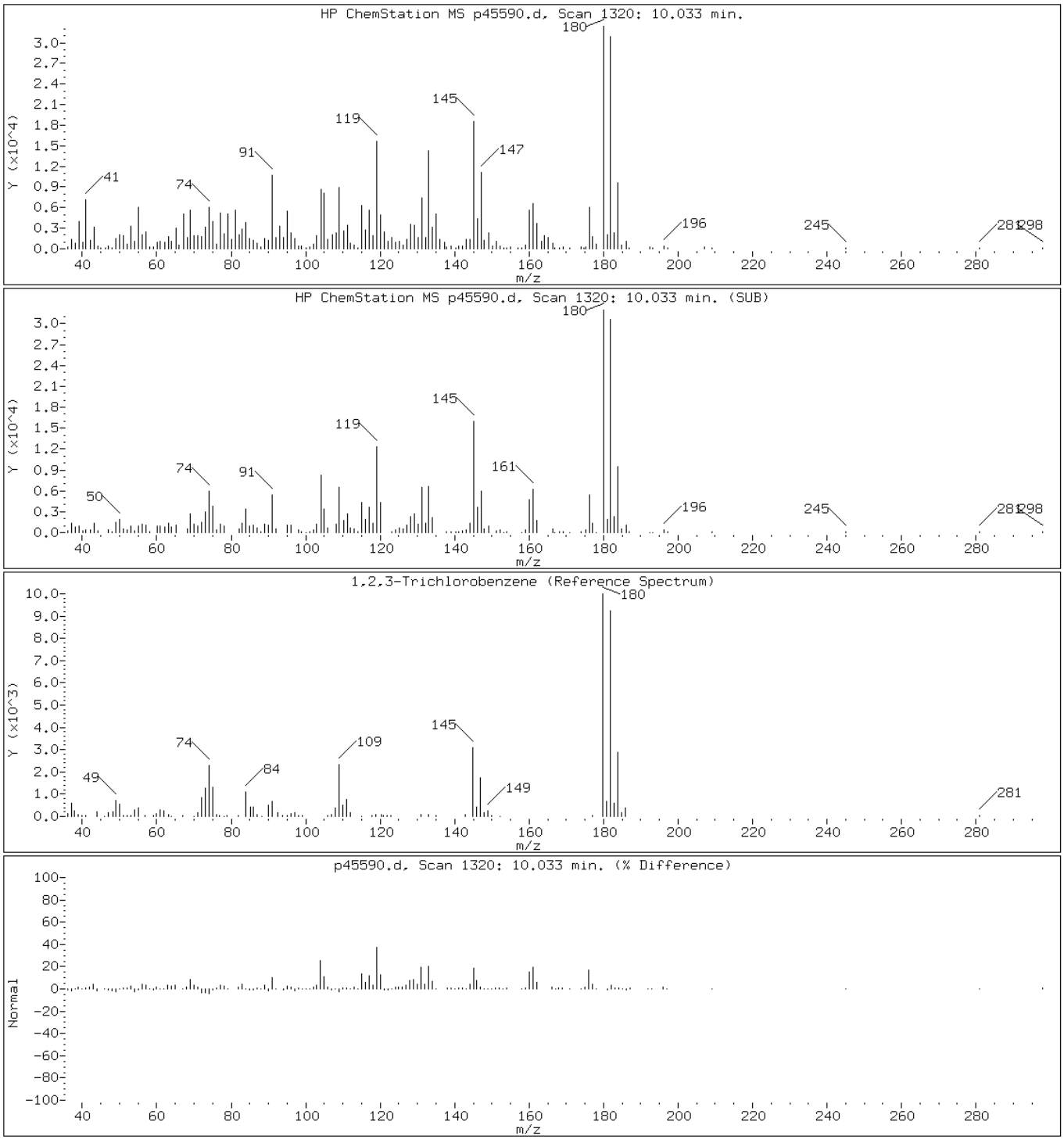
Data File: p45590.d

Date: 30-MAR-2011 17:11

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: VOAMS13.i

Sample Info: 460-24280-D-14-A;50;;7.36;5 Operator:

117 1,2,3-Trichlorobenzene



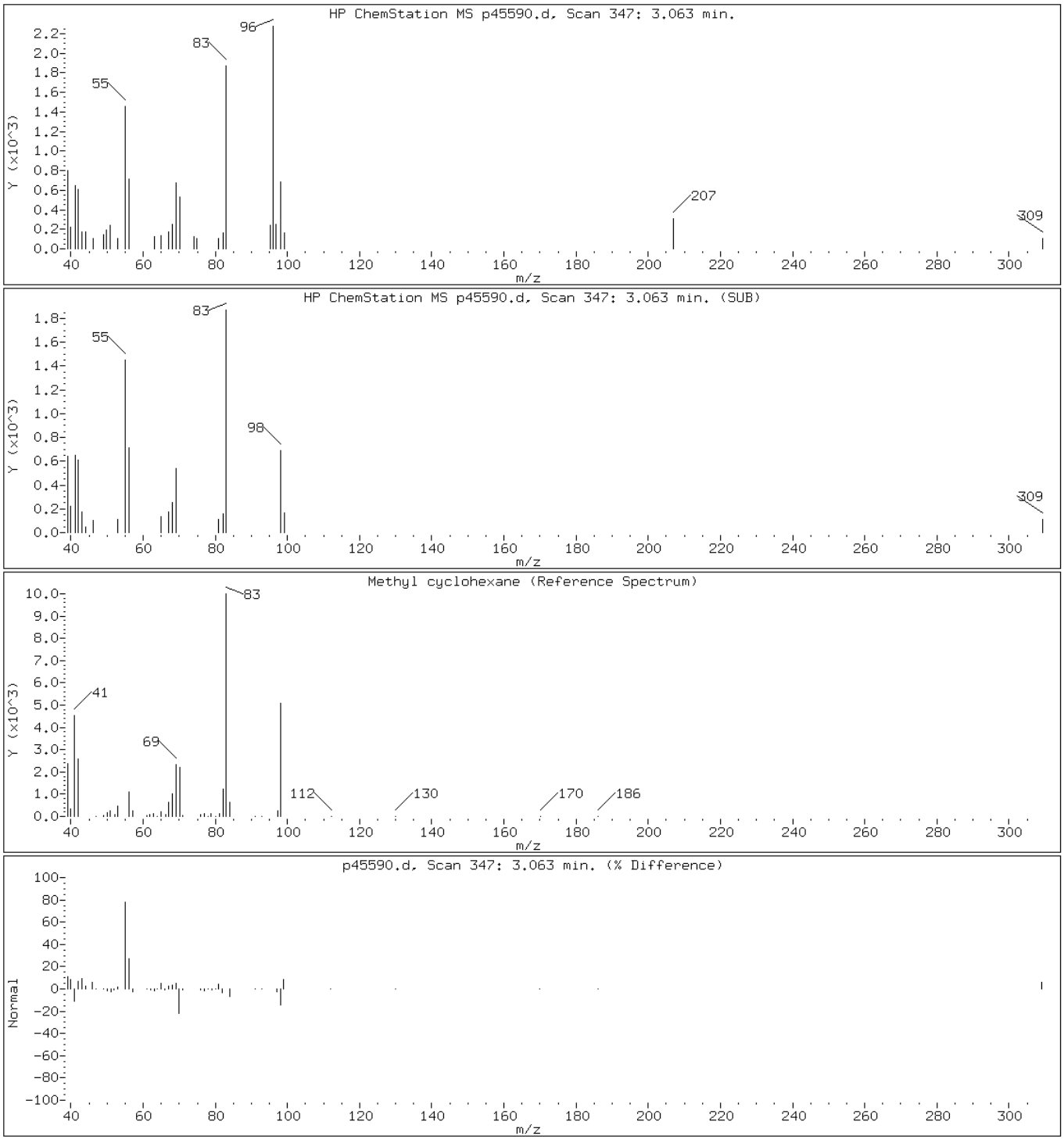
Data File: p45590.d

Date: 30-MAR-2011 17:11

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: VOAMS13.i

Sample Info: 460-24280-D-14-A;50;;7.36;5 Operator:

56 Methyl cyclohexane



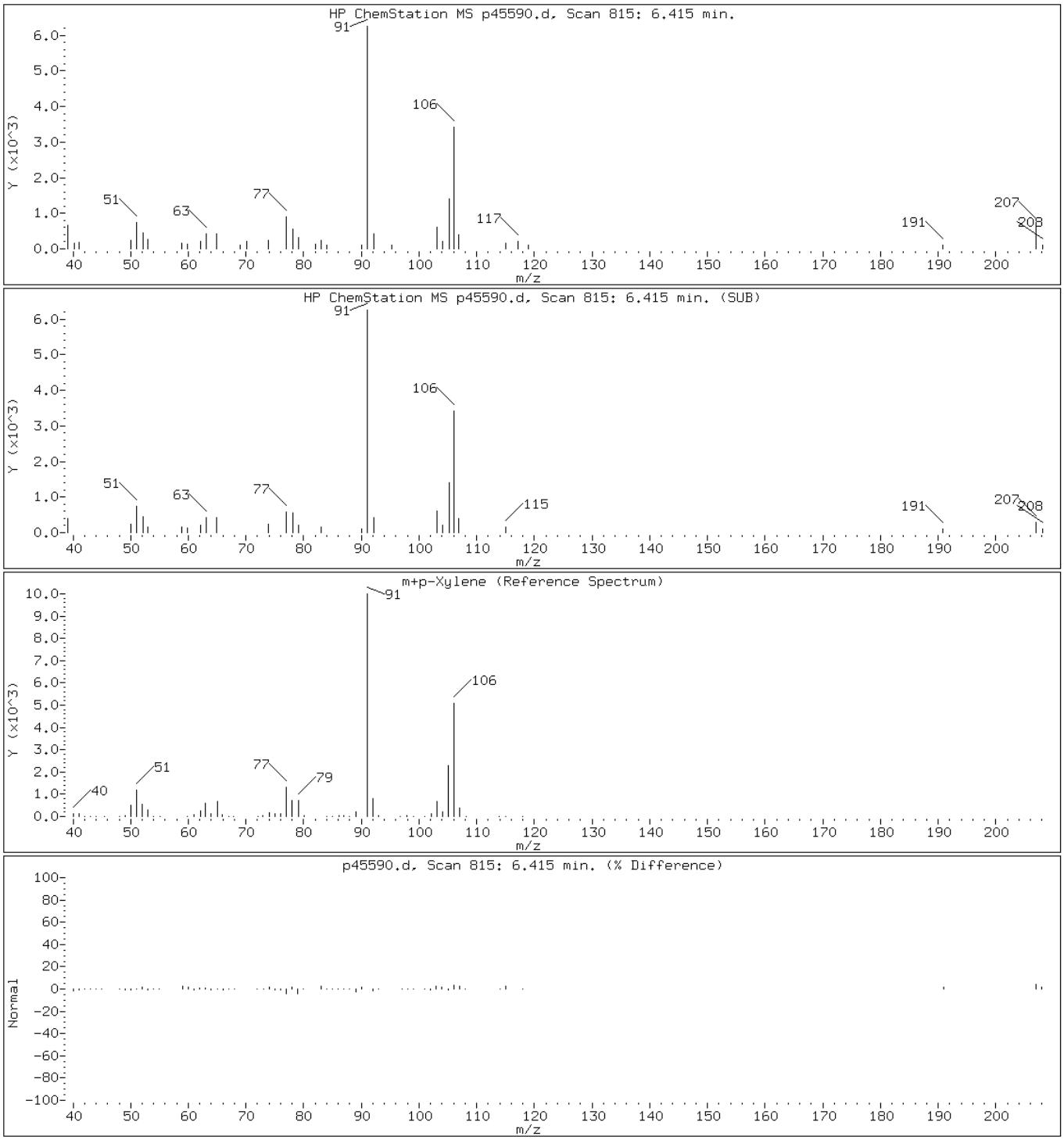
Data File: p45590.d

Date: 30-MAR-2011 17:11

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: VOAMS13.i

Sample Info: 460-24280-D-14-A;50;;7.36;5 Operator:

82 m+p-Xylene



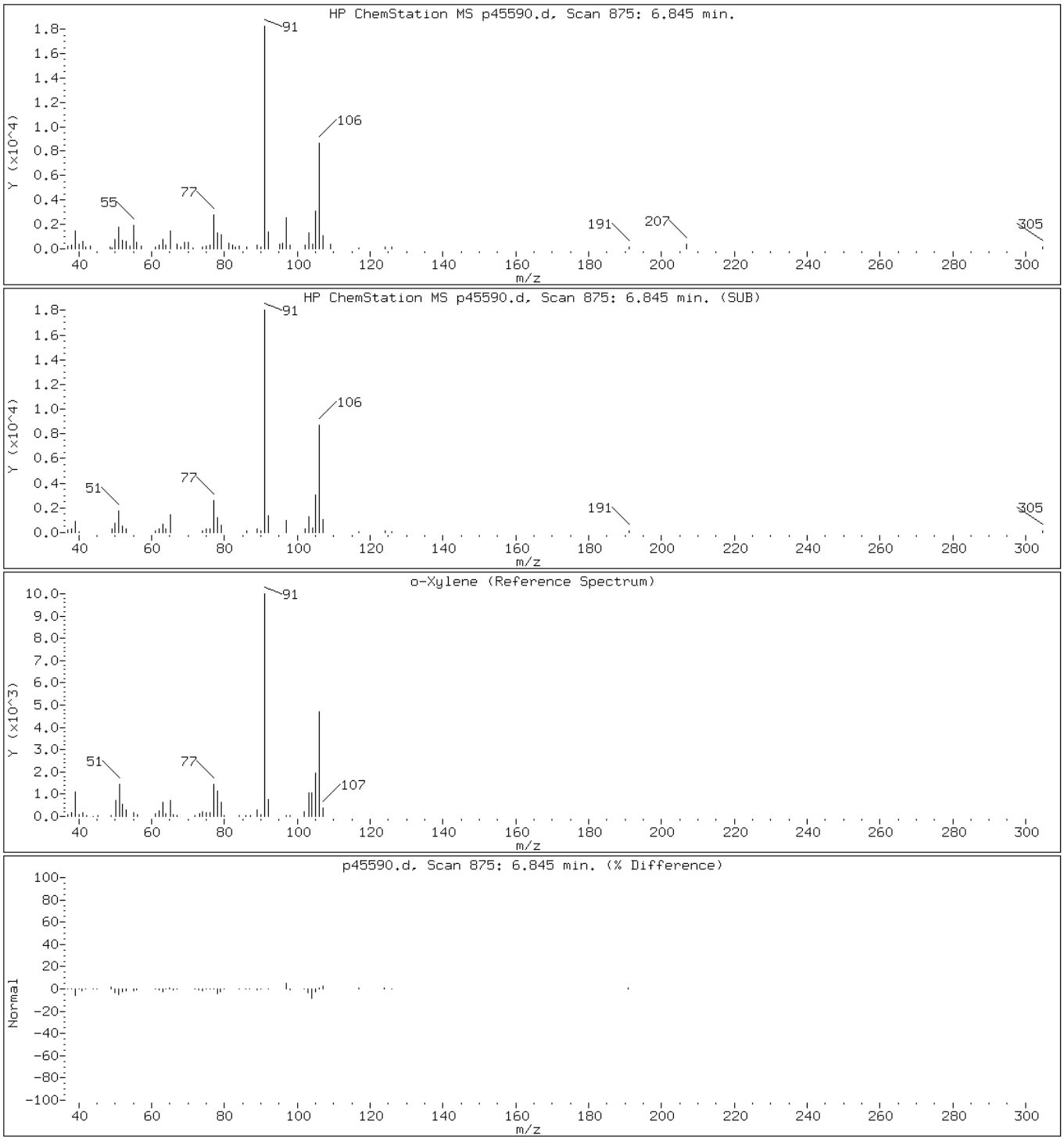
Data File: p45590.d

Date: 30-MAR-2011 17:11

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: VOAMS13.i

Sample Info: 460-24280-D-14-A;50;;7.36;5 Operator:

84 o-Xylene



Data File: p45590.d

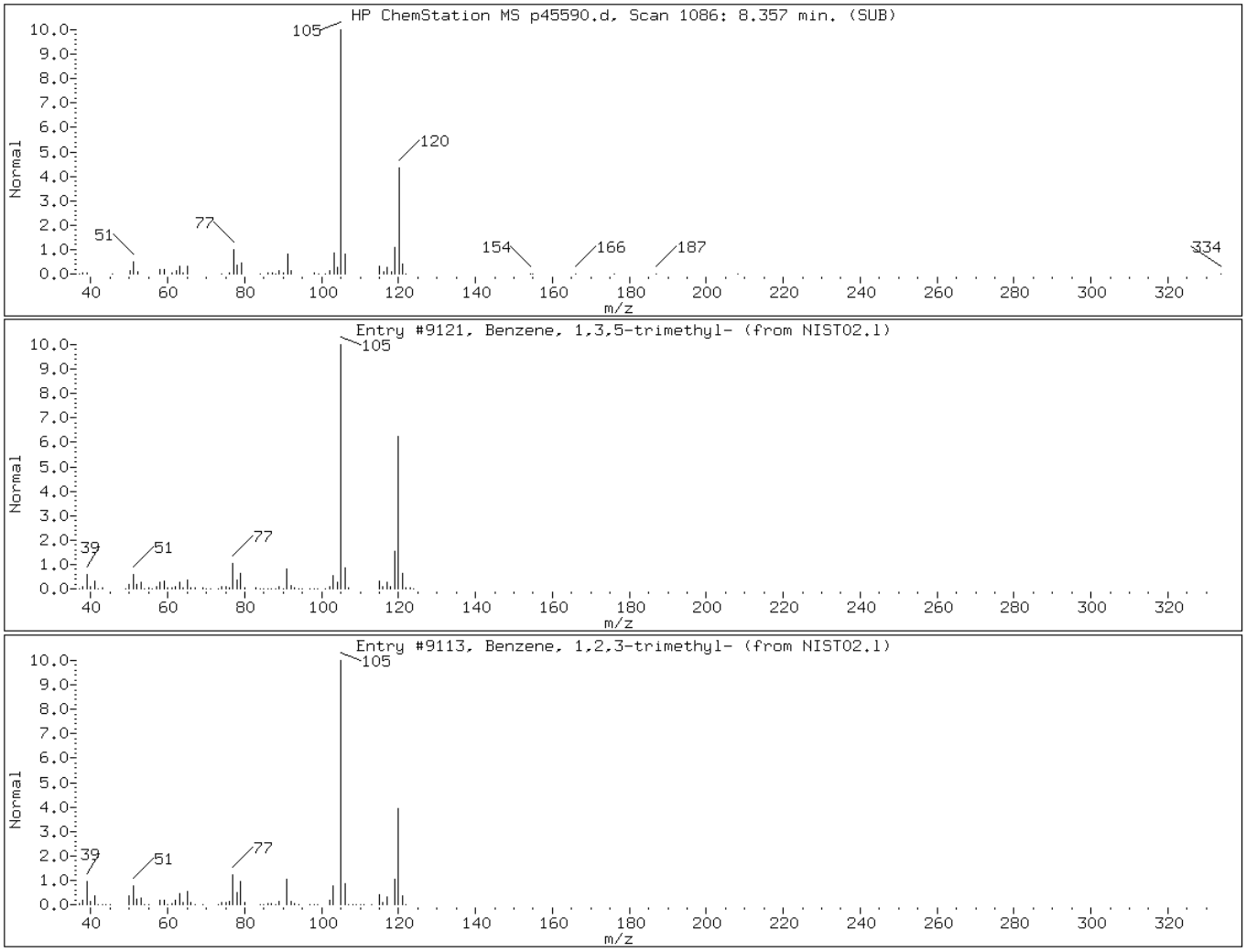
Date: 30-MAR-2011 17:11

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: VOAMS13.i

Sample Info: 460-24280-D-14-A;50;;7.36;5 Operator:

Retention Time: 8.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylbenzene isomer						
Benzene, 1,3,5-trimethyl-	108-67-8	NIST02.l	9121	94	C9H12	120
Benzene, 1,2,3-trimethyl-	526-73-8	NIST02.l	9113	91	C9H12	120



Data File: p45590.d

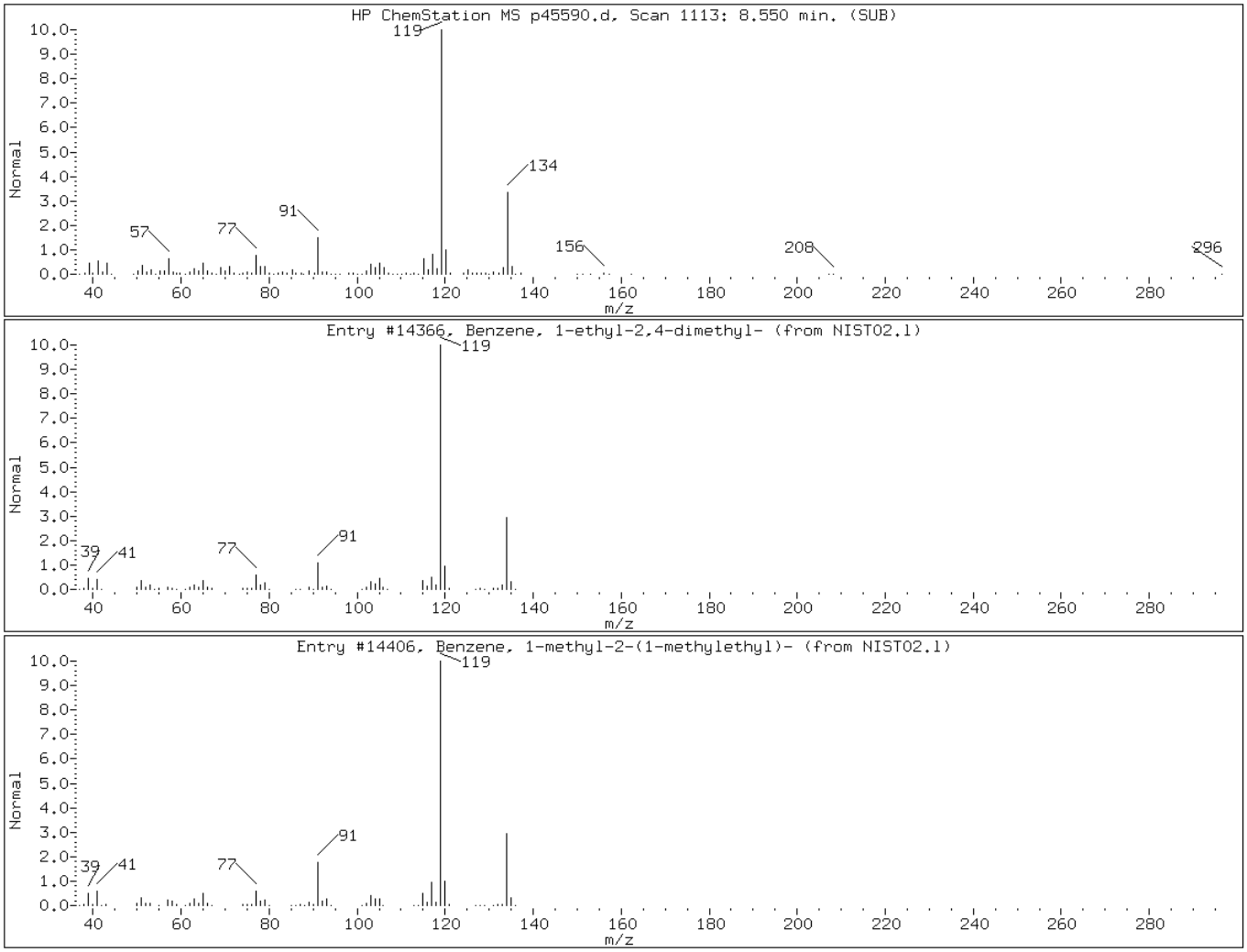
Date: 30-MAR-2011 17:11

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: VOAMS13.i

Sample Info: 460-24280-D-14-A;50;;7.36;5 Operator:

Retention Time: 8.55

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14366	97	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14406	95	C10H14	134



Data File: p45590.d

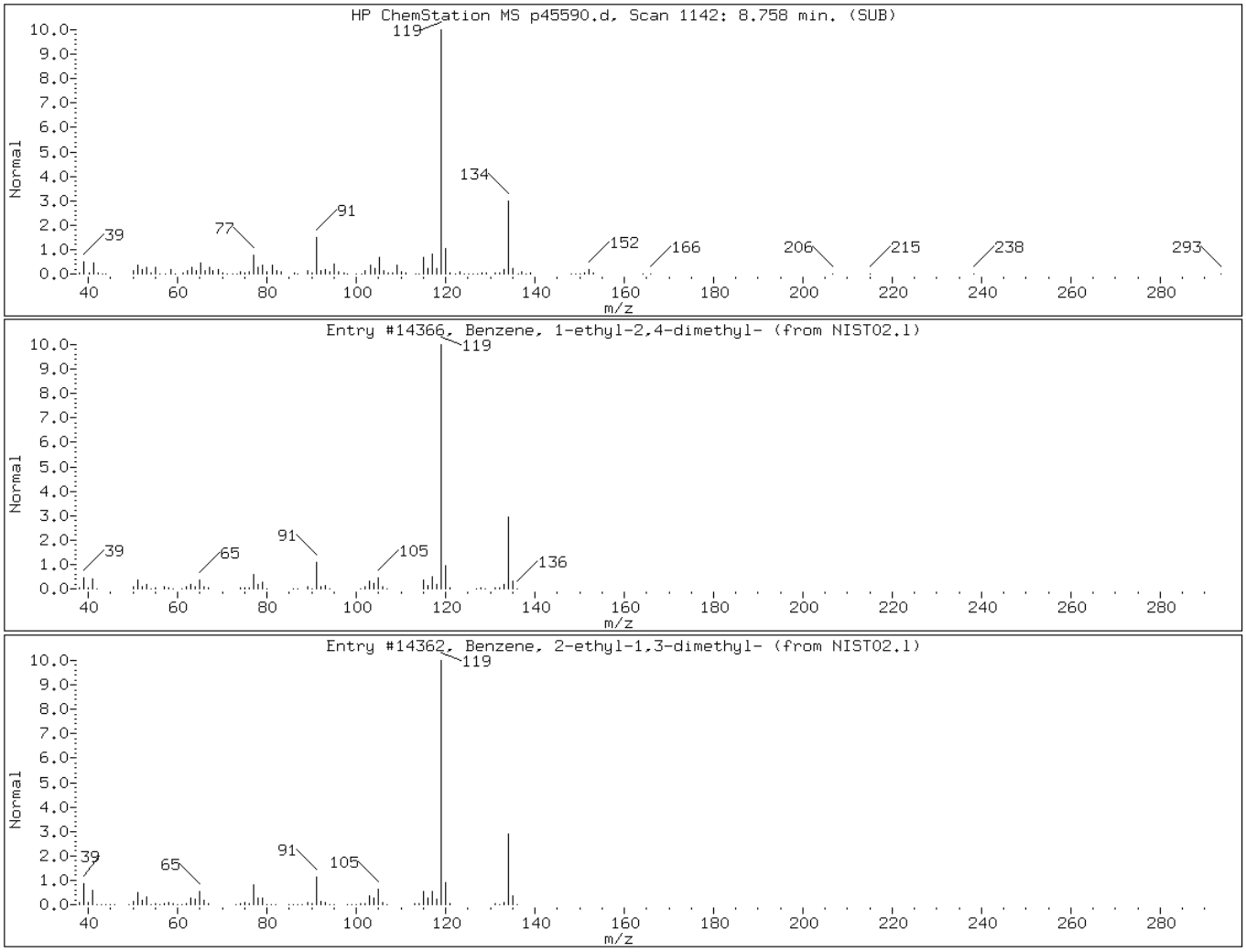
Date: 30-MAR-2011 17:11

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: VOAMS13.i

Sample Info: 460-24280-D-14-A;50;;7.36;5 Operator:

Retention Time: 8.76

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer-1						
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14366	94	C10H14	134
Benzene, 2-ethyl-1,3-dimethyl-	2870-04-4	NIST02.l	14362	94	C10H14	134



Data File: p45590.d

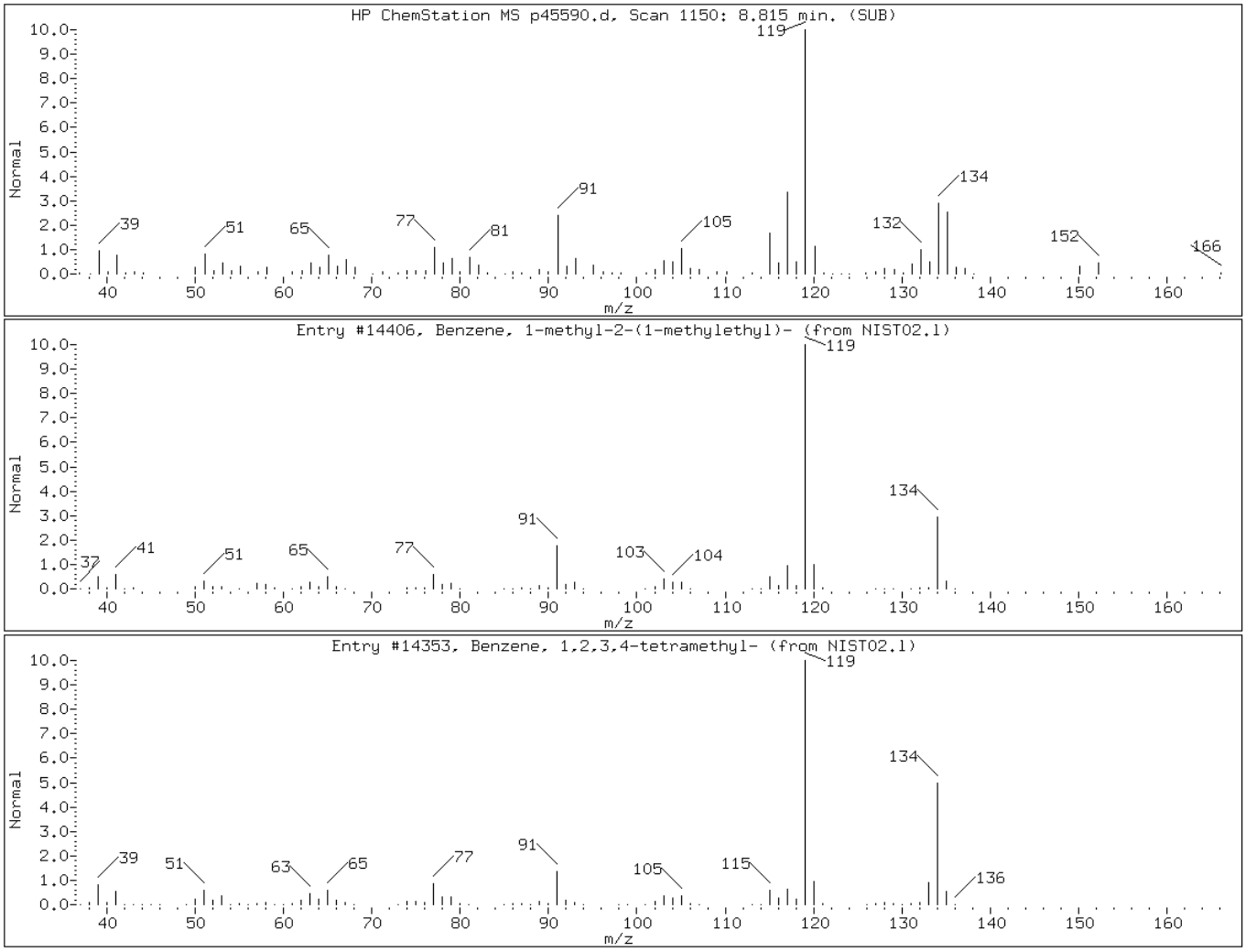
Date: 30-MAR-2011 17:11

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: VOAMS13.i

Sample Info: 460-24280-D-14-A;50;;7.36;5 Operator:

Retention Time: 8.81

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	70	C10H14	134
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14353	70	C10H14	134



Data File: p45590.d

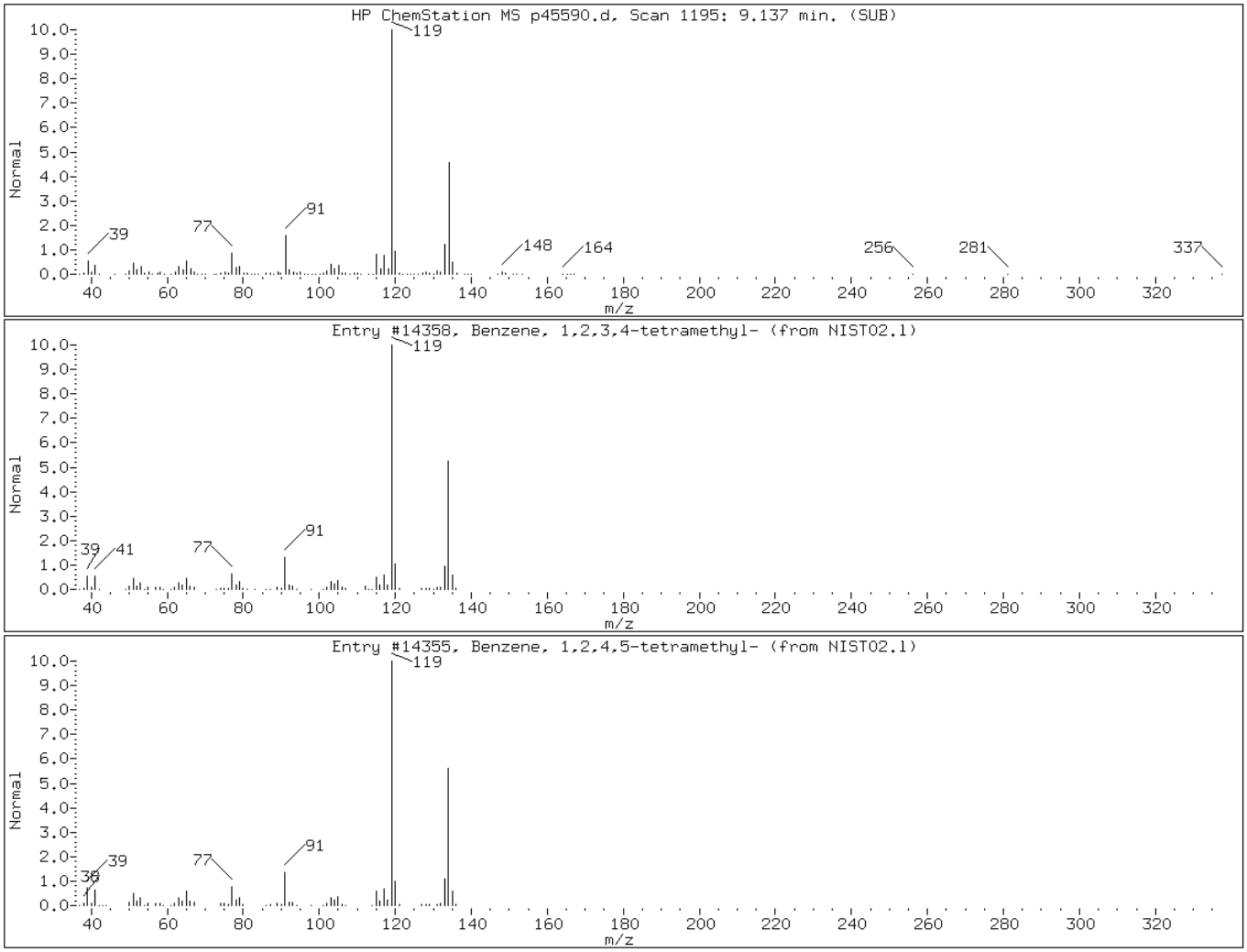
Date: 30-MAR-2011 17:11

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: VOAMS13.i

Sample Info: 460-24280-D-14-A;50;;7.36;5 Operator:

Retention Time: 9.14

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	97	C10H14	134
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14355	97	C10H14	134



Data File: p45590.d

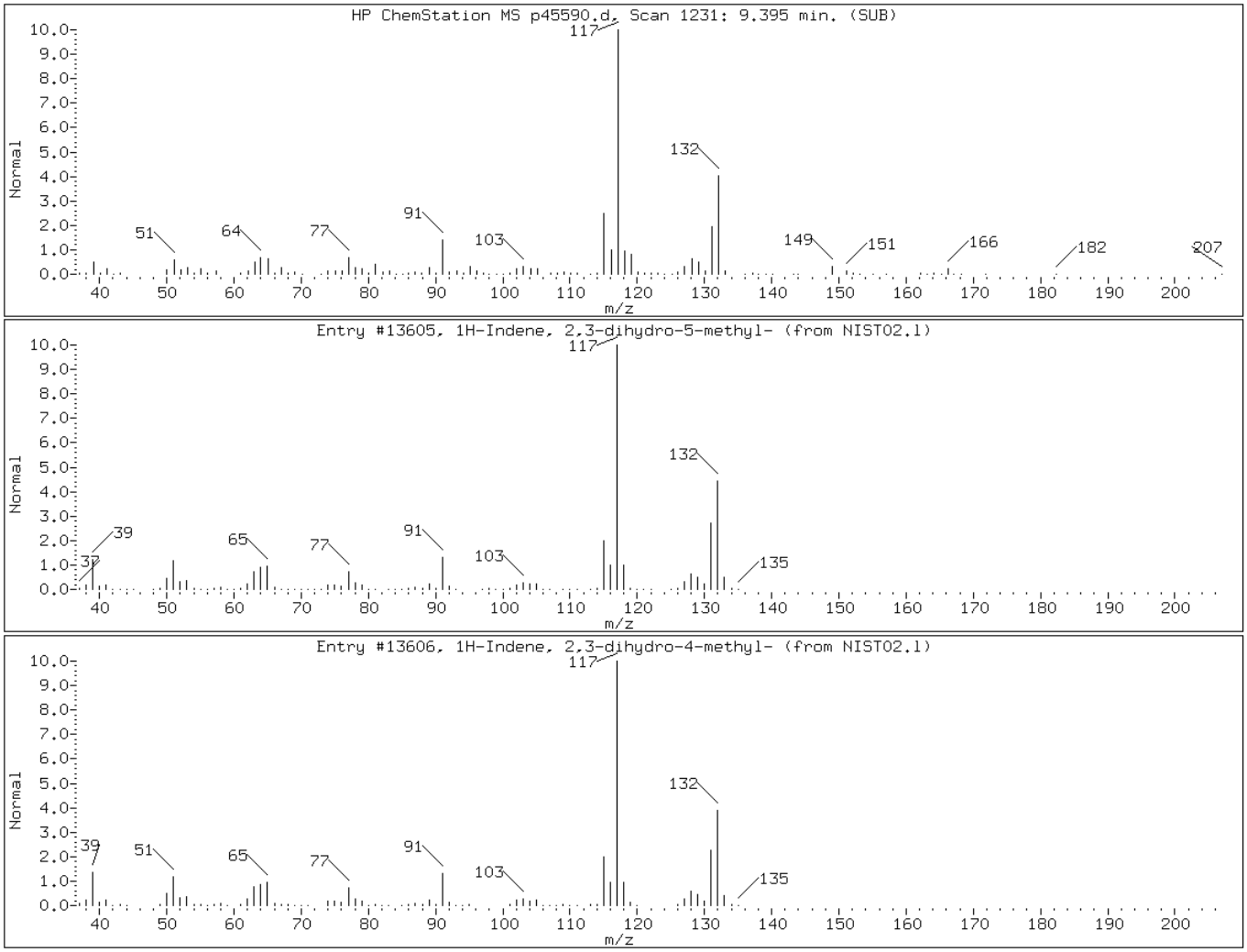
Date: 30-MAR-2011 17:11

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: VOAMS13.i

Sample Info: 460-24280-D-14-A;50;;7.36;5 Operator:

Retention Time: 9.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-methyl-1H-Indene isome						
1H-Indene, 2,3-dihydro-5-methyl-	874-35-1	NIST02.l	13605	94	C10H12	132
1H-Indene, 2,3-dihydro-4-methyl-	824-22-6	NIST02.l	13606	94	C10H12	132



Data File: p45590.d

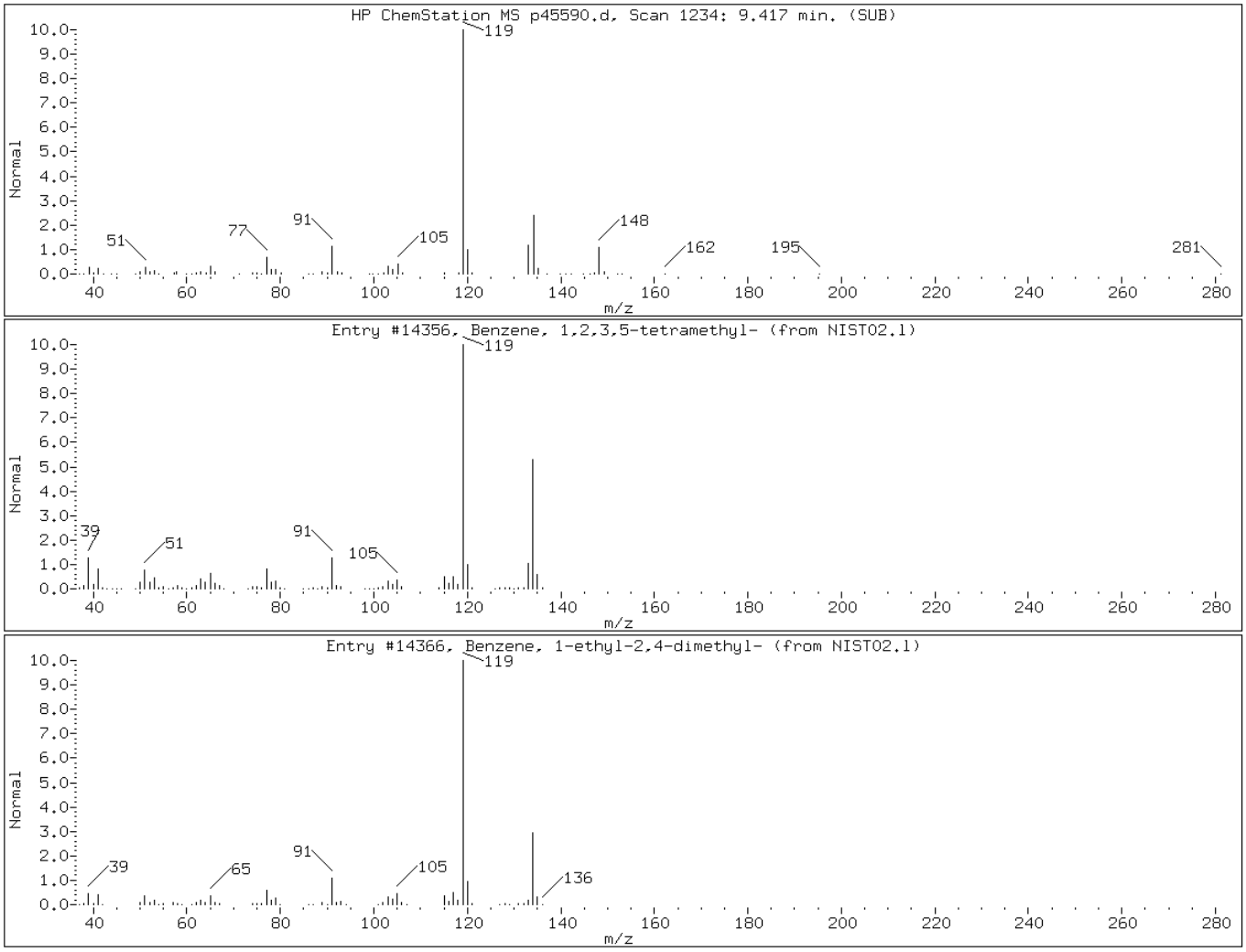
Date: 30-MAR-2011 17:11

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: VOAMS13.i

Sample Info: 460-24280-D-14-A;50;;7.36;5 Operator:

Retention Time: 9.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H14 Aromatic-1						
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14356	83	C10H14	134
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14366	80	C10H14	134



Data File: p45590.d

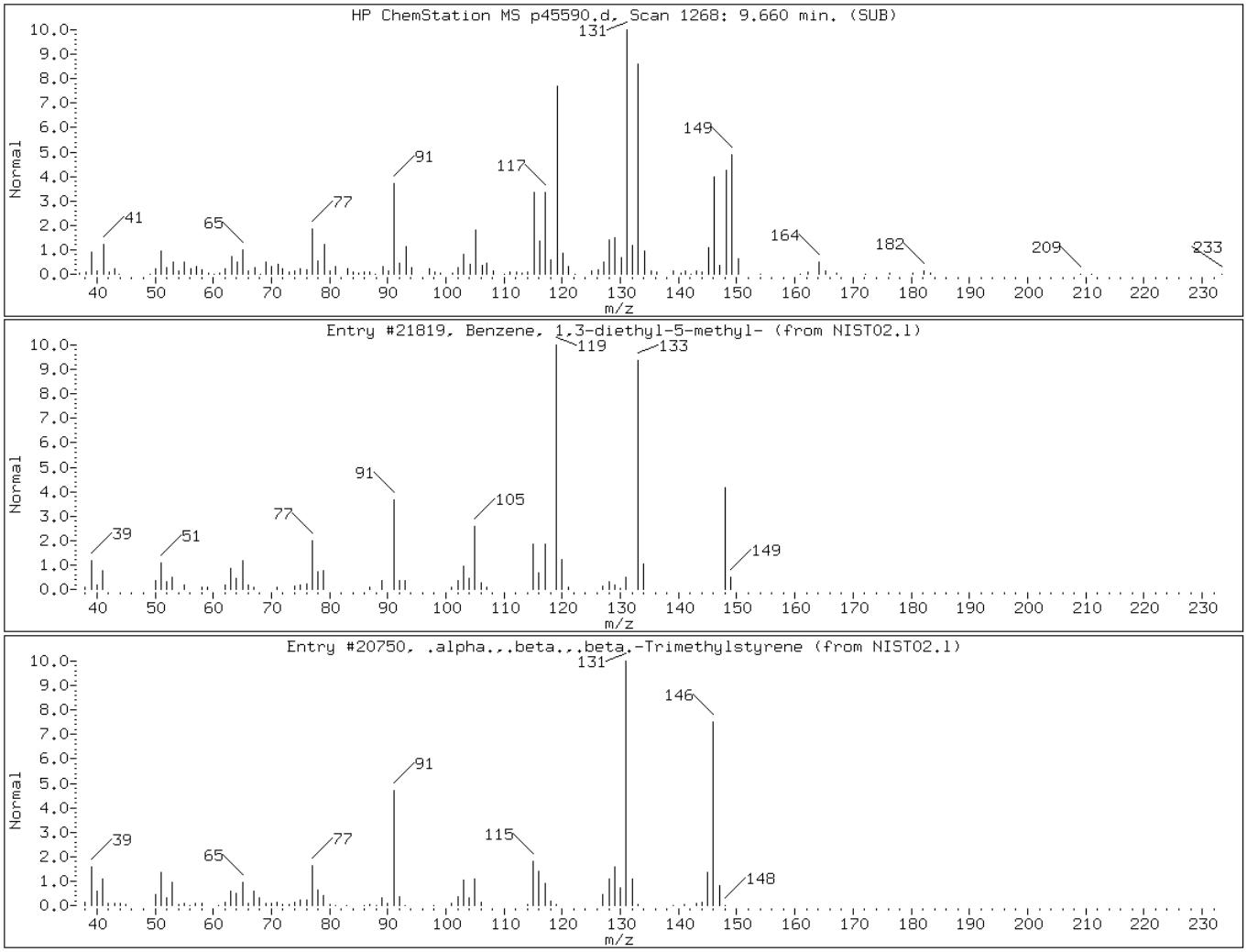
Date: 30-MAR-2011 17:11

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: VOAMS13.i

Sample Info: 460-24280-D-14-A;50;;7.36;5 Operator:

Retention Time: 9.66

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Coeluting Aromatics-2						
Benzene, 1,3-diethyl-5-methyl-	2050-24-0	NIST02.l	21819	87	C11H16	148
.alpha.,.beta.,.beta.-Trimethylsty	769-57-3	NIST02.l	20750	74	C11H14	146



Data File: p45590.d

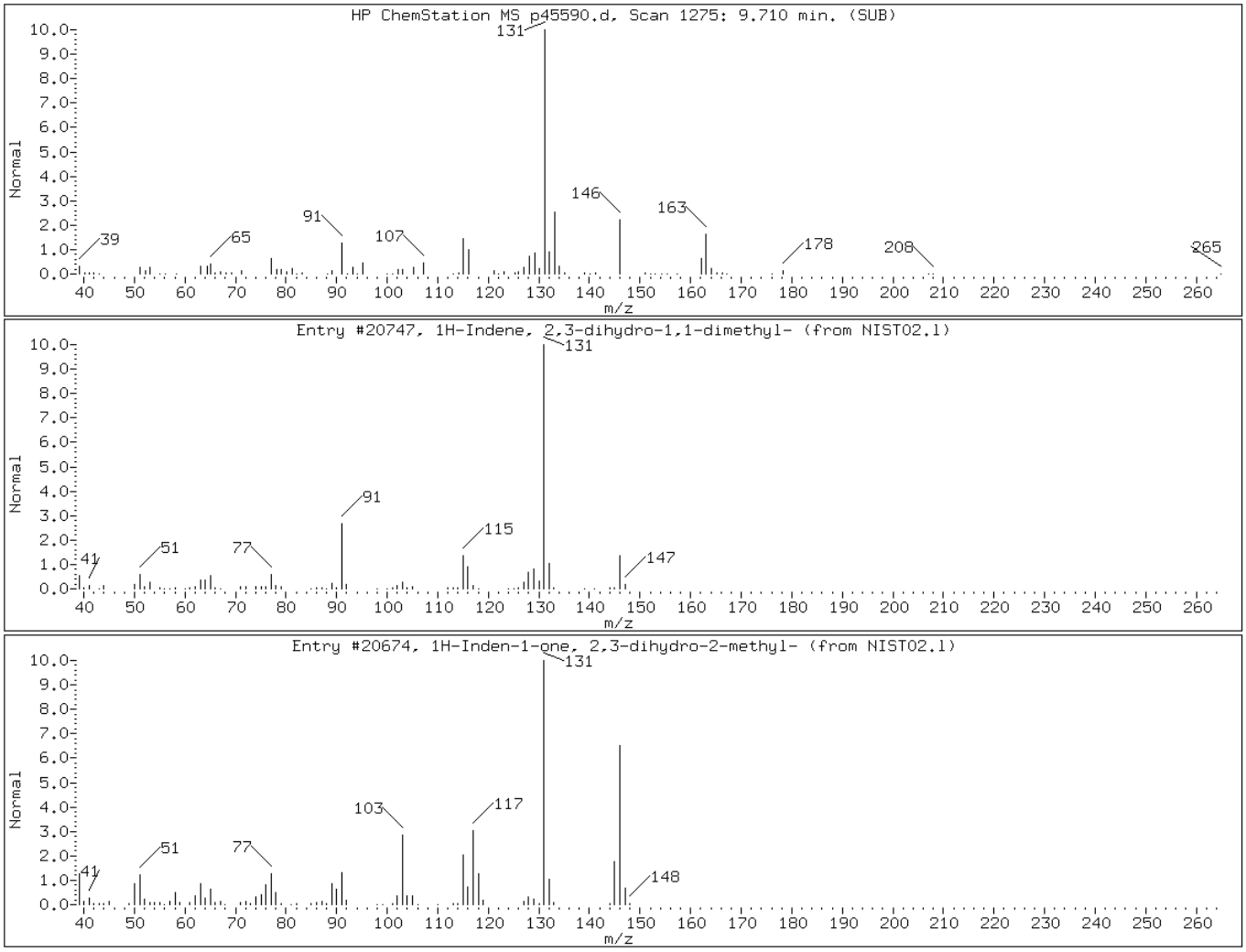
Date: 30-MAR-2011 17:11

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: VOAMS13.i

Sample Info: 460-24280-D-14-A;50;;7.36;5 Operator:

Retention Time: 9.71

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	20747	59	C11H14	146
1H-Inden-1-one, 2,3-dihydro-2-meth	17496-14-9	NIST02.l	20674	59	C10H10O	146



Data File: p45590.d

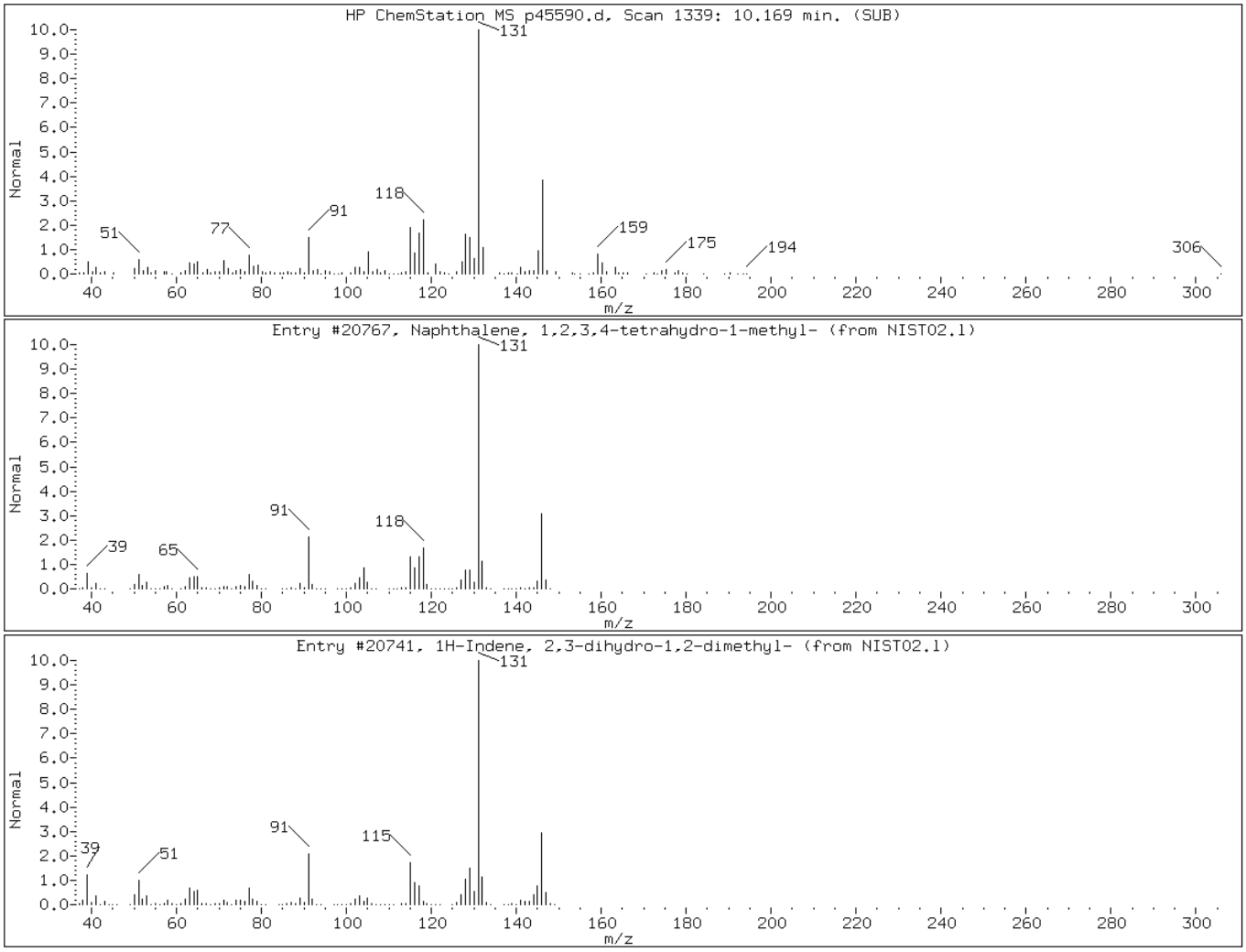
Date: 30-MAR-2011 17:11

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: VOAMS13.i

Sample Info: 460-24280-D-14-A;50;;7.36;5 Operator:

Retention Time: 10.17

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrahydromethylnaphthalene isomer						
Naphthalene, 1,2,3,4-tetrahydro-1-	1559-81-5	NIST02.l	20767	91	C11H14	146
1H-Indene, 2,3-dihydro-1,2-dimethy	17057-82-8	NIST02.l	20741	87	C11H14	146



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-2WT-E (8.0-8.5) | Lab Sample ID: 460-24280-15

Matrix: Solid | Lab File ID: p45591.d

Analysis Method: 8260B | Date Collected: 03/17/2011 11:25

Sample wt/vol: 5.85(g) | Date Analyzed: 03/30/2011 17:36

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 3.6 | Level: (low/med) Medium

Analysis Batch No.: 68934 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	44	U	44	9.3
74-83-9	Bromomethane	44	U	44	14
75-01-4	Vinyl chloride	44	U	44	5.3
75-00-3	Chloroethane	44	U	44	20
75-09-2	Methylene Chloride	44	U	44	8.5
67-64-1	Acetone	310	J	440	110
75-15-0	Carbon disulfide	44	U	44	6.5
75-69-4	Trichlorofluoromethane	44	U *	44	7.0
75-35-4	1,1-Dichloroethene	44	U	44	6.2
75-34-3	1,1-Dichloroethane	44	U	44	4.4
156-60-5	trans-1,2-Dichloroethene	44	U	44	6.1
156-59-2	cis-1,2-Dichloroethene	30	J	44	8.6
67-66-3	Chloroform	44	U	44	6.9
78-93-3	2-Butanone	440	U	440	36
107-06-2	1,2-Dichloroethane	44	U	44	11
71-55-6	1,1,1-Trichloroethane	44	U	44	11
56-23-5	Carbon tetrachloride	44	U	44	8.0
71-43-2	Benzene	44	U	44	5.3
75-25-2	Bromoform	44	U	44	4.4
100-42-5	Styrene	44	U	44	6.2
100-41-4	Ethylbenzene	130		44	11
108-90-7	Chlorobenzene	97		44	7.3
110-82-7	Cyclohexane	44	U	44	5.5
98-82-8	Isopropylbenzene	23	J	44	9.4
591-78-6	2-Hexanone	440	U	440	24
1634-04-4	MTBE	44	U	44	8.2
76-13-1	Freon TF	44	U	44	13
79-20-9	Methyl acetate	89	U	89	15
123-91-1	1,4-Dioxane	2200	U	2200	380
79-01-6	Trichloroethene	15	J	44	7.9
108-88-3	Toluene	59		44	4.2
10061-02-6	trans-1,3-Dichloropropene	44	U	44	5.4
108-10-1	4-Methyl-2-pentanone	440	U	440	30
10061-01-5	cis-1,3-Dichloropropene	44	U	44	4.5
95-50-1	1,2-Dichlorobenzene	4600		44	7.2
541-73-1	1,3-Dichlorobenzene	2100		44	10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-2WT-E (8.0-8.5) | Lab Sample ID: 460-24280-15

Matrix: Solid | Lab File ID: p45591.d

Analysis Method: 8260B | Date Collected: 03/17/2011 11:25

Sample wt/vol: 5.85(g) | Date Analyzed: 03/30/2011 17:36

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 3.6 | Level: (low/med) Medium

Analysis Batch No.: 68934 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	7800		44	6.7
120-82-1	1,2,4-Trichlorobenzene	1200		44	19
87-61-6	1,2,3-Trichlorobenzene	2000		44	37
78-87-5	1,2-Dichloropropane	44	U	44	3.9
108-87-2	Methylcyclohexane	110		44	3.6
127-18-4	Tetrachloroethene	44	U	44	8.7
1330-20-7	Xylenes, Total	1600		130	19
96-12-8	1,2-Dibromo-3-Chloropropane	44	U	44	6.8
79-34-5	1,1,2,2-Tetrachloroethane	44	U	44	3.8
79-00-5	1,1,2-Trichloroethane	44	U	44	4.3
124-48-1	Dibromochloromethane	44	U	44	4.5
106-93-4	1,2-Dibromoethane	44	U	44	4.0
75-71-8	Dichlorodifluoromethane	44	U	44	13
74-97-5	Bromochloromethane	44	U	44	7.7
75-27-4	Bromodichloromethane	44	U	44	4.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	65		57-135
2037-26-5	Toluene-d8 (Surr)	66		46-130
460-00-4	Bromofluorobenzene	80		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-2WT-E (8.0-8.5) Lab Sample ID: 460-24280-15

Matrix: Solid Lab File ID: p45591.d

Analysis Method: 8260B Date Collected: 03/17/2011 11:25

Sample wt/vol: 5.85(g) Date Analyzed: 03/30/2011 17:36

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.18(mm)

% Moisture: 3.6 Level: (low/med) Medium

Analysis Batch No.: 68934 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 23400

CAS NO.	COMPOUND NAME	RT	RESULT	Q
108-67-8	1,3,5-Trimethylbenzene	7.73	1700	
95-63-6	1,2,4-Trimethylbenzene	8.03	4600	
	C10H12 Aromatic-1	9.40	1600	J
	Tetramethylbenzene isomer-1	9.42	1500	J
	Unknown	9.47	1100	J
	C11H14 Aromatic-2/C11H16 Aromatic	9.66	1200	J
91-20-3	Naphthalene	9.90	6700	
	2,3-dihydro-dimethyl-1H-Indene isomer	10.17	1600	J
91-57-6	Naphthalene, 2-methyl-	10.63	2200	J N
90-12-0	Naphthalene, 1-methyl-	10.73	1200	J N

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45591.d
Report Date: 31-Mar-2011 16:39

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45591.d
Lab Smp Id: 460-24280-D-15-A Client Smp ID: PMP-2WT-E (8.0-8.5)
Inj Date : 30-MAR-2011 17:36
Operator : Inst ID: VOAMS13.i
Smp Info : 460-24280-D-15-A;50;;5.85;5
Misc Info : 460-24280-D-15-A
Comment   :
Method   : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/8260_09.m
Meth Date : 30-Mar-2011 10:34 desais Quant Type: ISTD
Cal Date : 03-MAR-2011 04:37 Cal File: p44665.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	5.85000	Weight of sample extracted (g)
M	3.62694	% 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)
	16 Acetone	58	1.494	1.480	(0.503)	1566	7.04617	310(a)
	36 cis-1,2-Dichloroethene	96	2.132	2.132	(0.718)	1976	0.67622	30(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	2.762	2.769	(0.930)	101101	32.3080	1400
*	52 Fluorobenzene	96	2.970	2.970	(1.000)	593047	50.0000	
	54 Trichloroethene	95	3.099	3.099	(1.043)	921	0.34179	15(a)
	56 Methyl cyclohexane	83	3.070	3.077	(1.034)	9803	2.59074	110
$	65 Toluene-d8 (SUR)	98	4.367	4.374	(0.712)	362453	33.0326	1500
	66 Toluene	91	4.417	4.424	(0.721)	17765	1.32003	58
*	78 Chlorobenzene-d5	117	6.129	6.129	(1.000)	484330	50.0000	
	79 Chlorobenzene	112	6.150	6.150	(1.004)	18513	2.19549	97
	81 Ethylbenzene	106	6.236	6.236	(1.018)	12975	2.91979	130
	82 m+p-Xylene	106	6.415	6.415	(1.047)	110399	19.4114	860
	84 o-Xylene	106	6.845	6.845	(1.117)	89216	16.7570	740
	88 Isopropylbenzene	105	7.167	7.167	(1.169)	6438	0.50896	22(a)

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45591.d
Report Date: 31-Mar-2011 16:39

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
$	89 Bromofluorobenzene (SUR)	174	7.390	7.389	(0.890)	166150	40.1050	1800
	95 n-Propylbenzene	91	7.540	7.533	(0.908)	6112	0.35245	16(a)
	97 1,3,5-Trimethylbenzene	105	7.726	7.726	(0.931)	449256	37.2383	1600
	100 tert-Butylbenzene	119	7.963	7.962	(0.959)	6689	0.68947	30(aH)
	101 1,2,4-Trimethylbenzene	105	8.027	8.027	(0.967)	1322634	102.650	4600
	103 sec-Butylbenzene	105	8.106	8.106	(0.977)	27564	1.94624	86(H)
	105 1,3-Dichlorobenzene	146	8.235	8.235	(0.992)	361630	47.4377	2100
*	108 1,4-Dichlorobenzene-d4	152	8.299	8.299	(1.000)	293785	50.0000	
	109 1,4-Dichlorobenzene	146	8.314	8.306	(1.002)	1376095	174.972	7800
	111 1,2-Dichlorobenzene	146	8.622	8.614	(1.039)	741233	102.870	4600
	114 1,2,4-Trichlorobenzene	180	9.689	9.689	(1.167)	127775	26.4025	1200
	116 Naphthalene	128	9.904	9.904	(1.193)	1577029	152.165	6700
	117 1,2,3-Trichlorobenzene	180	10.033	10.033	(1.209)	187203	45.8998	2000
M	120 1,2-Dichloroethene (Total)	100				1976	0.74578	33(a)
M	121 Xylene (Total)	100				199615	36.1684	1600

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45591.d
Report Date: 31-Mar-2011 16:39

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45591.d
Lab Smp Id: 460-24280-D-15-A Client Smp ID: PMP-2WT-E (8.0-8.5)
Inj Date : 30-MAR-2011 17:36
Operator : Inst ID: VOAMS13.i
Smp Info : 460-24280-D-15-A;50;;5.85;5
Misc Info : 460-24280-D-15-A
Comment   :
Method   : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/8260_09.m
Meth Date : 30-Mar-2011 10:34 desais Quant Type: ISTD
Cal Date : 03-MAR-2011 04:37 Cal File: p44665.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	5.85000	Weight of sample extracted (g)
M	3.62694	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 108 1,4-Dichlorobenzene-d4	8.299	7326445	50.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Methyl-methylethylbenzene isomer					CAS #:		
8.550	3172544	21.6513151	960	0		0	108
C9H10 Aromatic					CAS #:		
8.679	3186134	21.7440632	960	0		0	108

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45591.d
Report Date: 31-Mar-2011 16:39

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Ethyldimethylbenzene isomer					CAS #:		
8.765	3639161	24.8357891	1100	0		0	108
Ethyldimethylbenzene isomer-1					CAS #:		
8.815	2795910	19.0809412	850	0		0	108
Tetramethylbenzene isomer					CAS #:		
9.137	3359264	22.9256058	1000	0		0	108
C10H12 Aromatic/C11H14 Aromatic					CAS #:		
9.273	2494445	17.0235705	750	0		0	108(M)
C10H12 Aromatic-1					CAS #:		
9.395	5348078	36.4984475	1600	0		0	108
Tetramethylbenzene isomer-1					CAS #:		
9.424	4925374	33.6136681	1500	0		0	108
Unknown					CAS #:		
9.474	3752561	25.6096979	1100	0		0	108(M)
C11H14 Aromatic-1					CAS #:		
9.596	2629993	17.9486292	800	0		0	108(ML)
C11H14 Aromatic-2/C11H16 Aromatic					CAS #:		
9.660	4016603	27.4116774	1200	0		0	108(ML)
C11H16 Aromatic-1					CAS #:		
9.954	2909058	19.8531346	880	0		0	108
2,3-dihydro-dimethyl-1H-Indene isomer					CAS #:		
10.169	5196488	35.4639076	1600	0		0	108
2,3-dihydro-dimethyl-1H-Indene isomer-2					CAS #:		
10.298	2852090	19.4643521	860	0		0	108
Naphthalene, 2-methyl-					CAS #: 91-57-6		
10.634	7317073	49.9360304	2200	96	NIST02.l	18501	108
Naphthalene, 1-methyl-					CAS #: 90-12-0		
10.735	3915478	26.7215374	1200	91	NIST02.l	18499	108(L)

QC Flag Legend

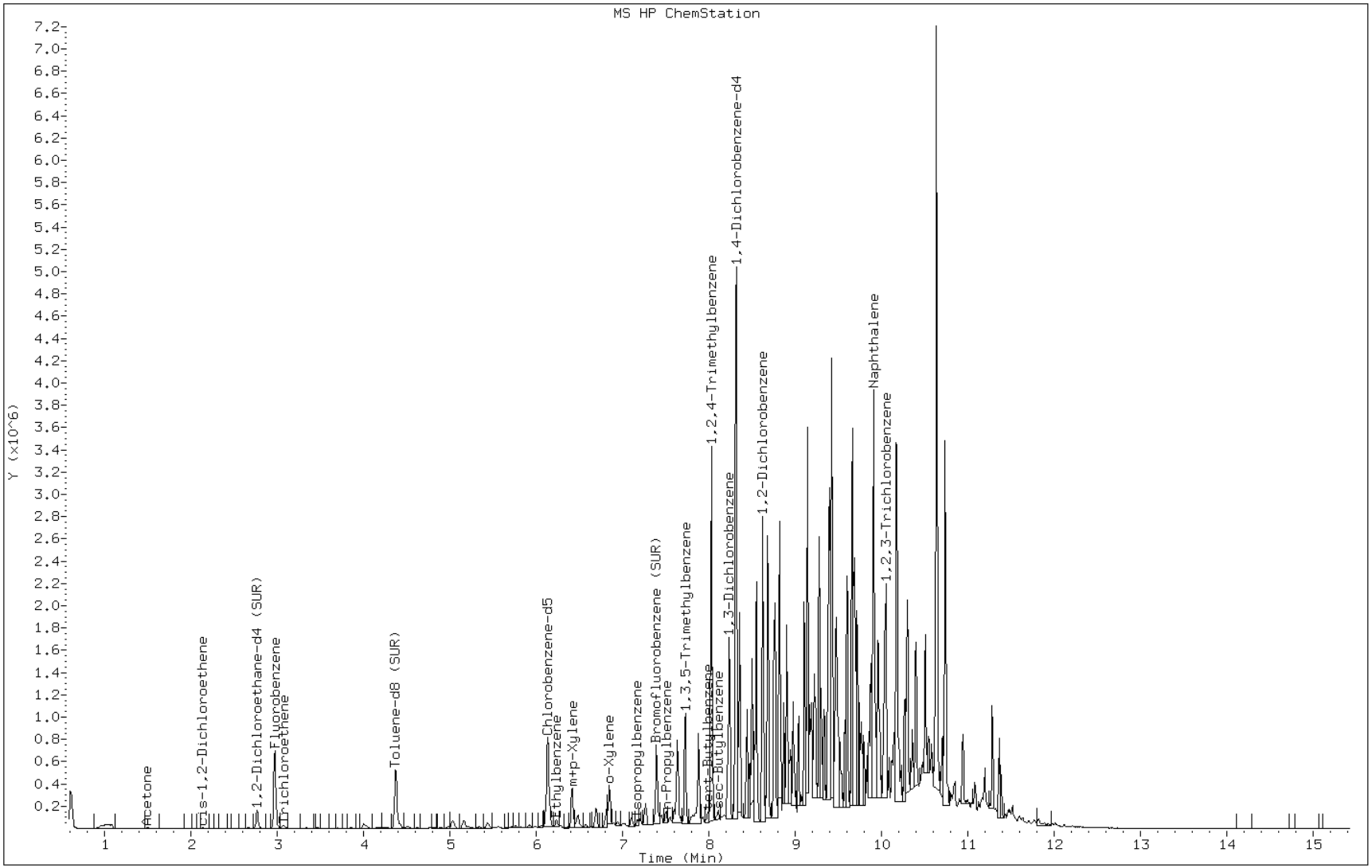
M - Compound response manually integrated.
L - Operator selected an alternate library search match.

Data File: p45591.d

Date: 30-MAR-2011 17:36

Client ID: PMP-2WT-E (8.0-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-15-A;50;;5.85;5 Operator:



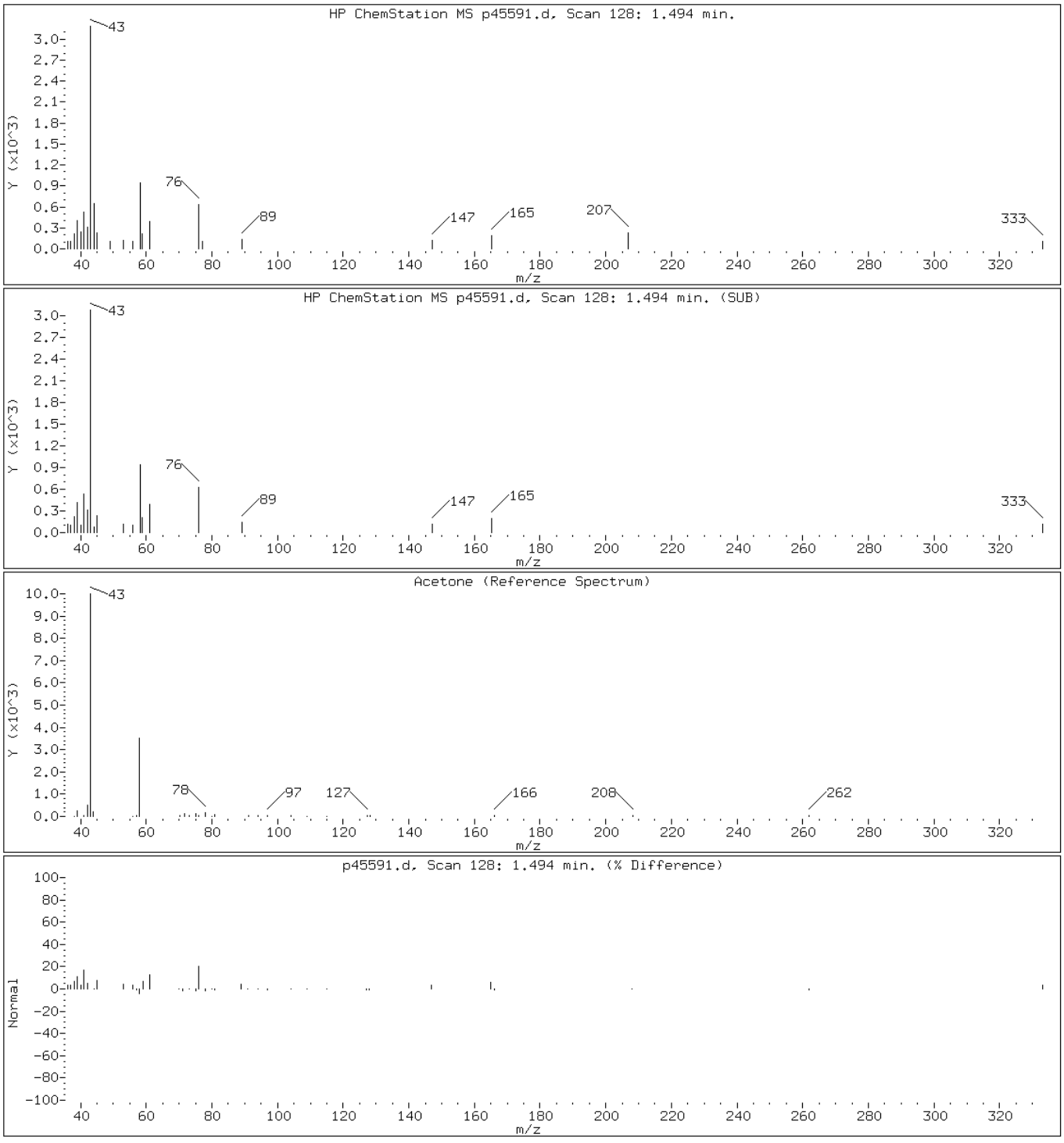
Data File: p45591.d

Date: 30-MAR-2011 17:36

Client ID: PMP-2WT-E (8.0-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-15-A;50;;5.85;5 Operator:

16 Acetone



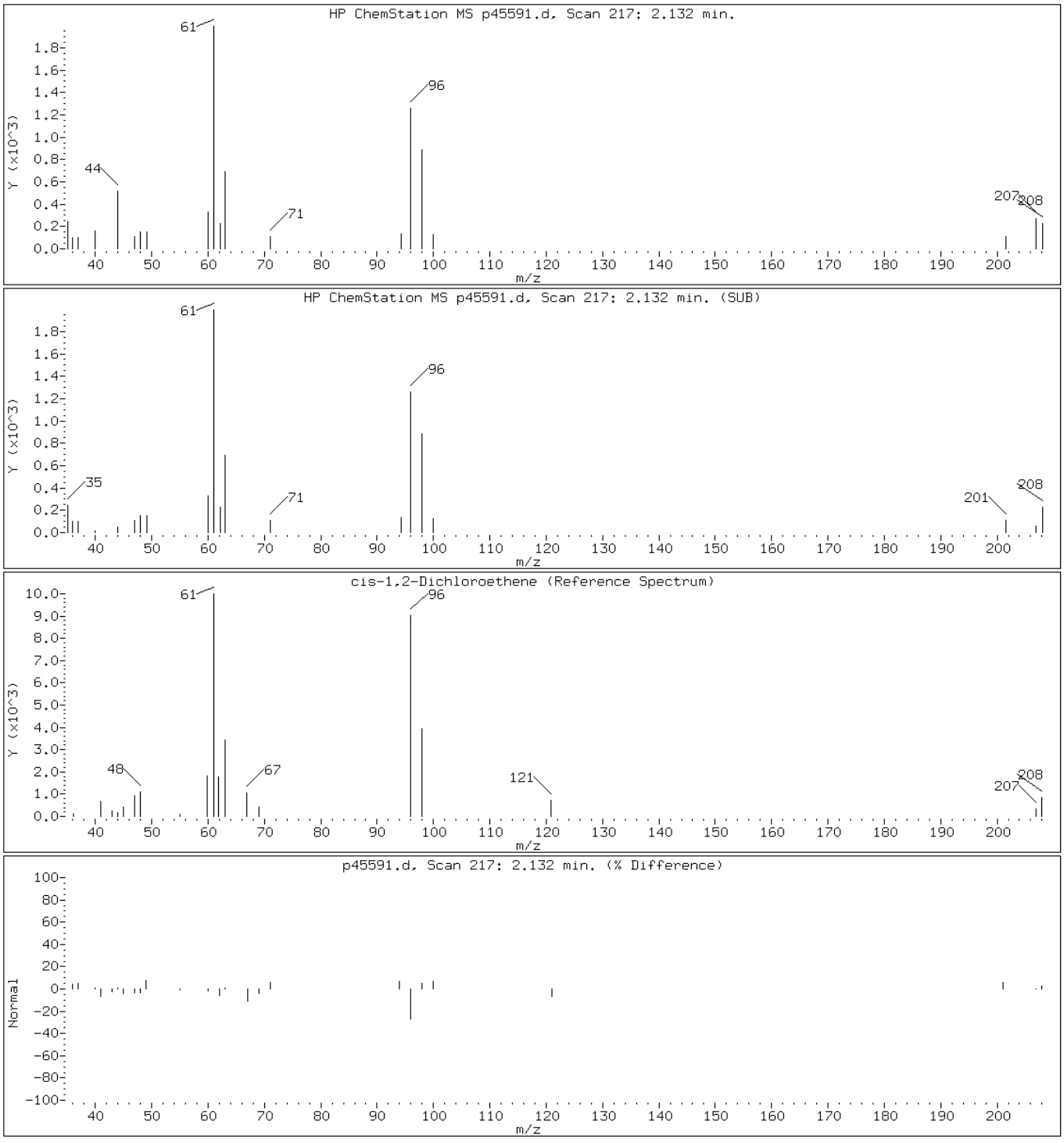
Data File: p45591.d

Date: 30-MAR-2011 17:36

Client ID: PMP-2WT-E (8.0-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-15-A;50;;5.85;5 Operator:

36 cis-1,2-Dichloroethene



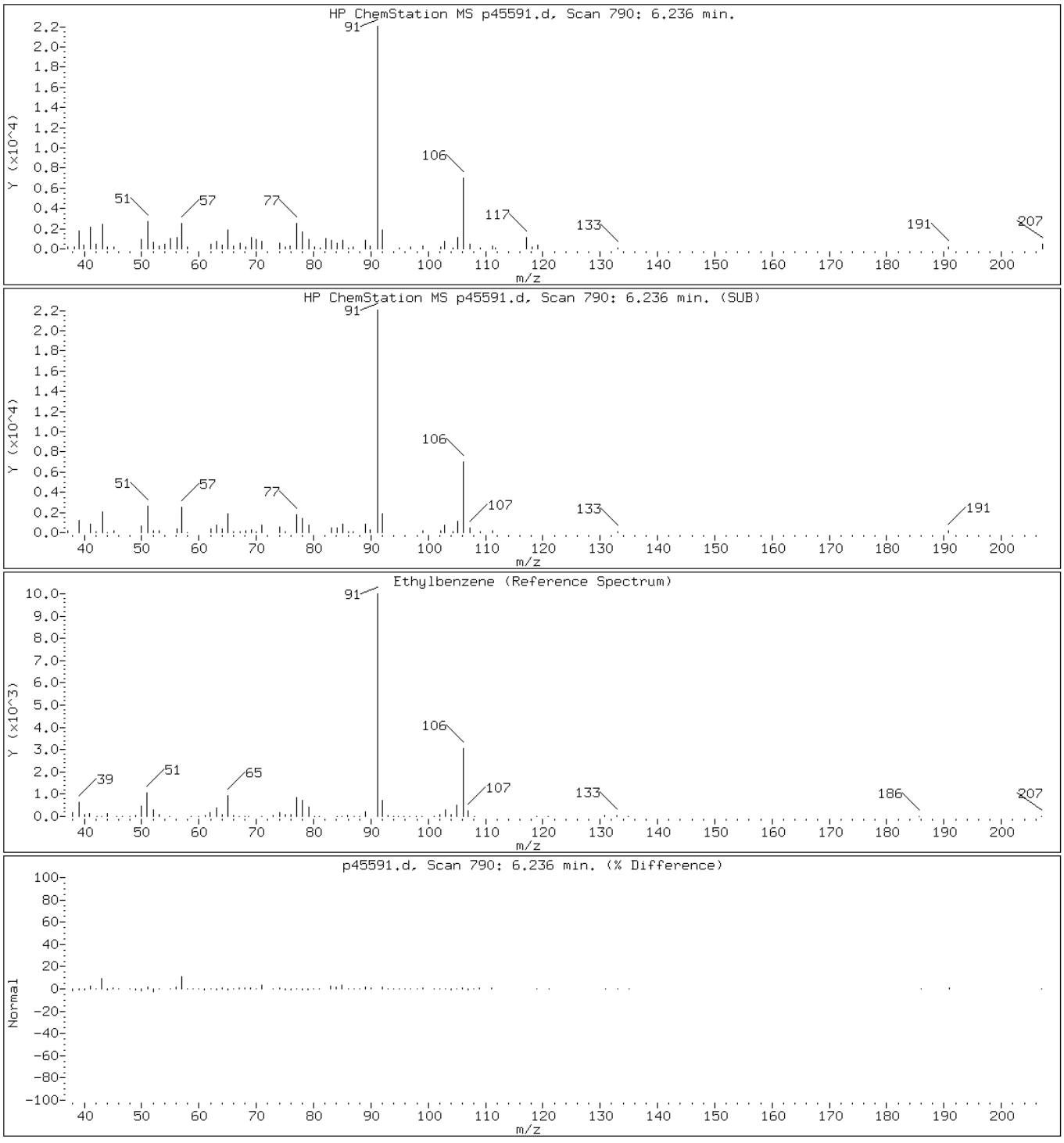
Data File: p45591.d

Date: 30-MAR-2011 17:36

Client ID: PMP-2WT-E (8.0-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-15-A;50;;5.85;5 Operator:

81 Ethylbenzene



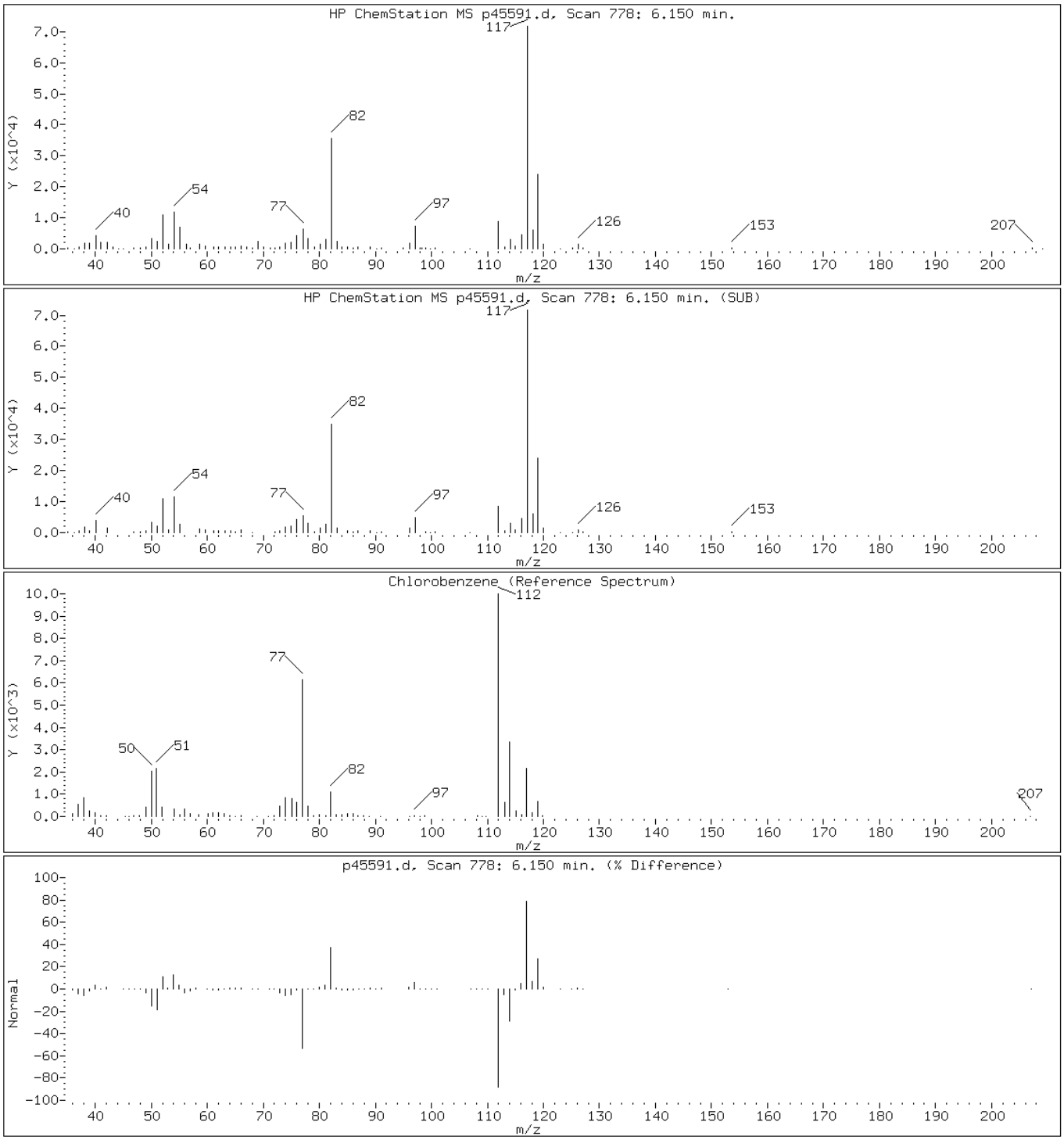
Data File: p45591.d

Date: 30-MAR-2011 17:36

Client ID: PMP-2WT-E (8.0-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-15-A;50;;5.85;5 Operator:

79 Chlorobenzene



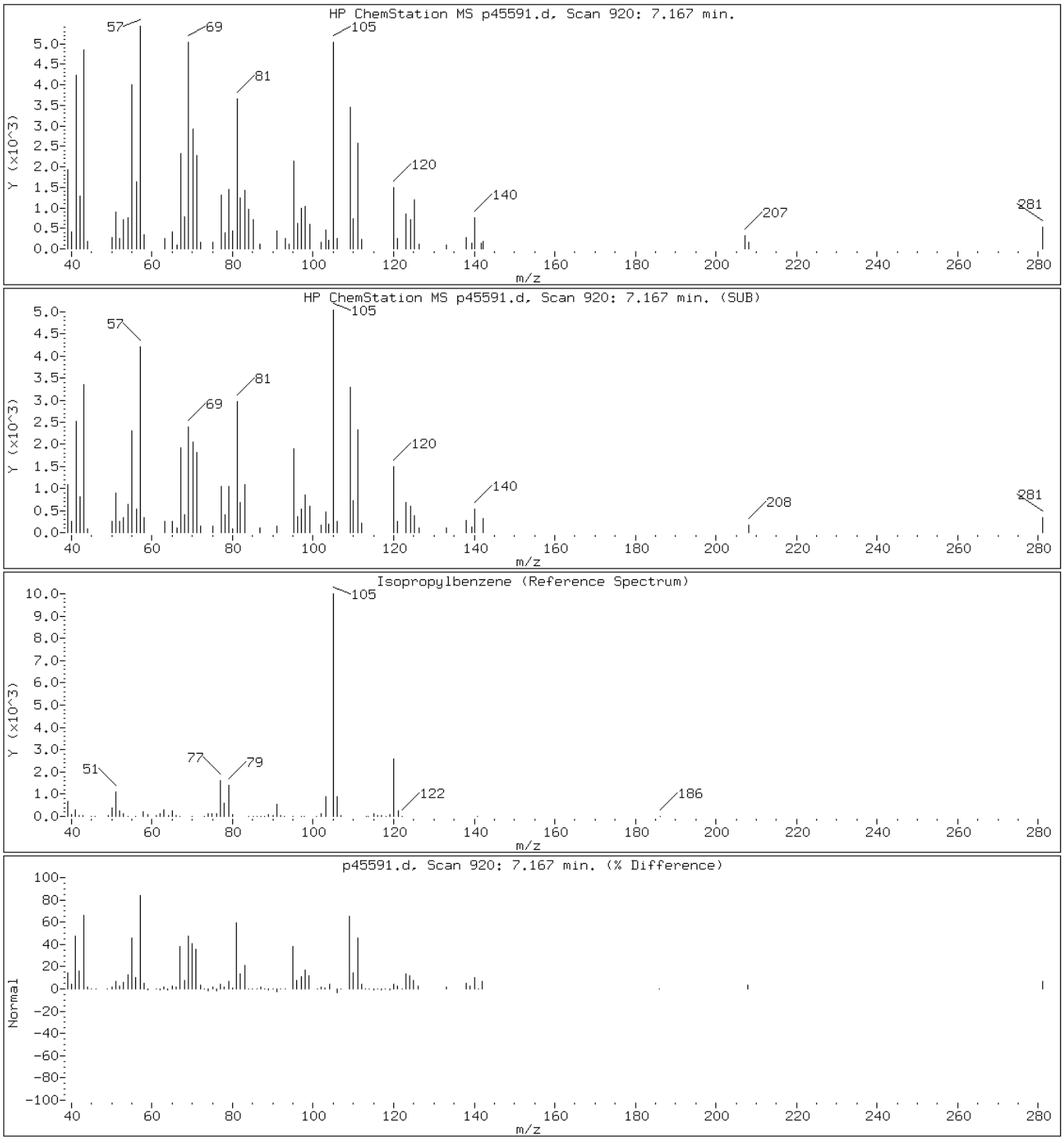
Data File: p45591.d

Date: 30-MAR-2011 17:36

Client ID: PMP-2WT-E (8.0-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-15-A;50;;5.85;5 Operator:

88 Isopropylbenzene



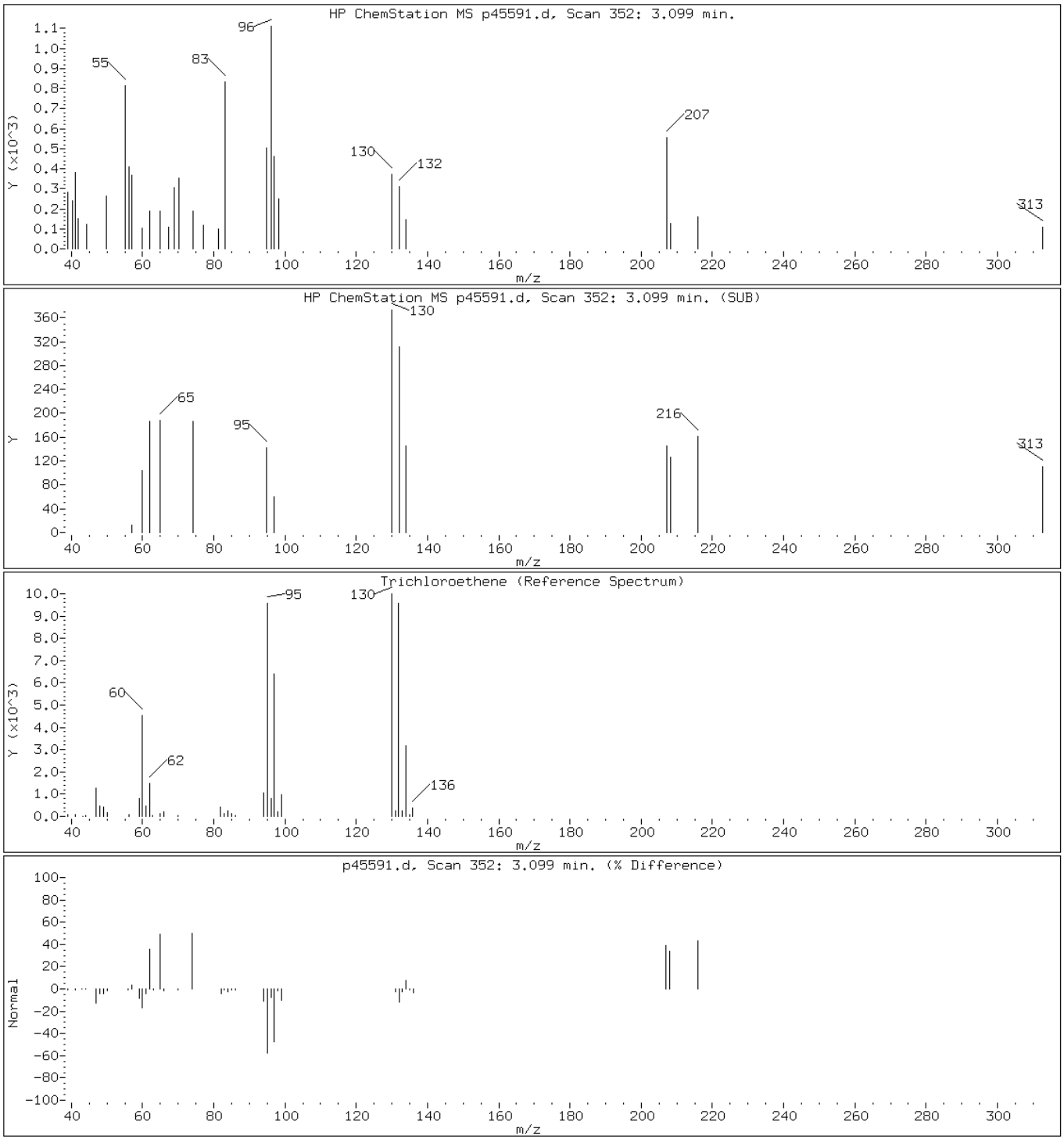
Data File: p45591.d

Date: 30-MAR-2011 17:36

Client ID: PMP-2WT-E (8.0-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-15-A;50;;5.85;5 Operator:

54 Trichloroethene



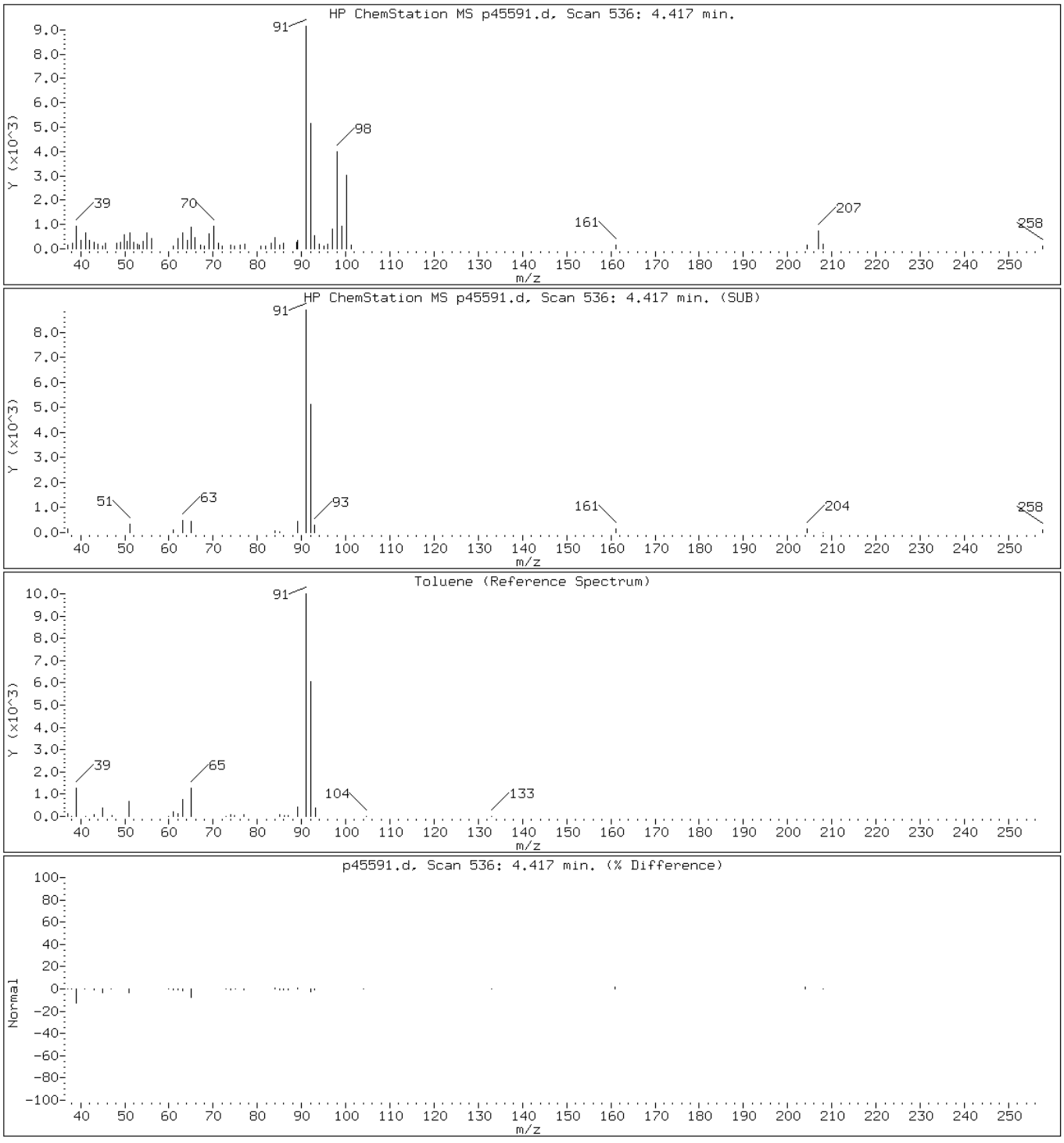
Data File: p45591.d

Date: 30-MAR-2011 17:36

Client ID: PMP-2WT-E (8.0-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-15-A;50;;5.85;5 Operator:

66 Toluene



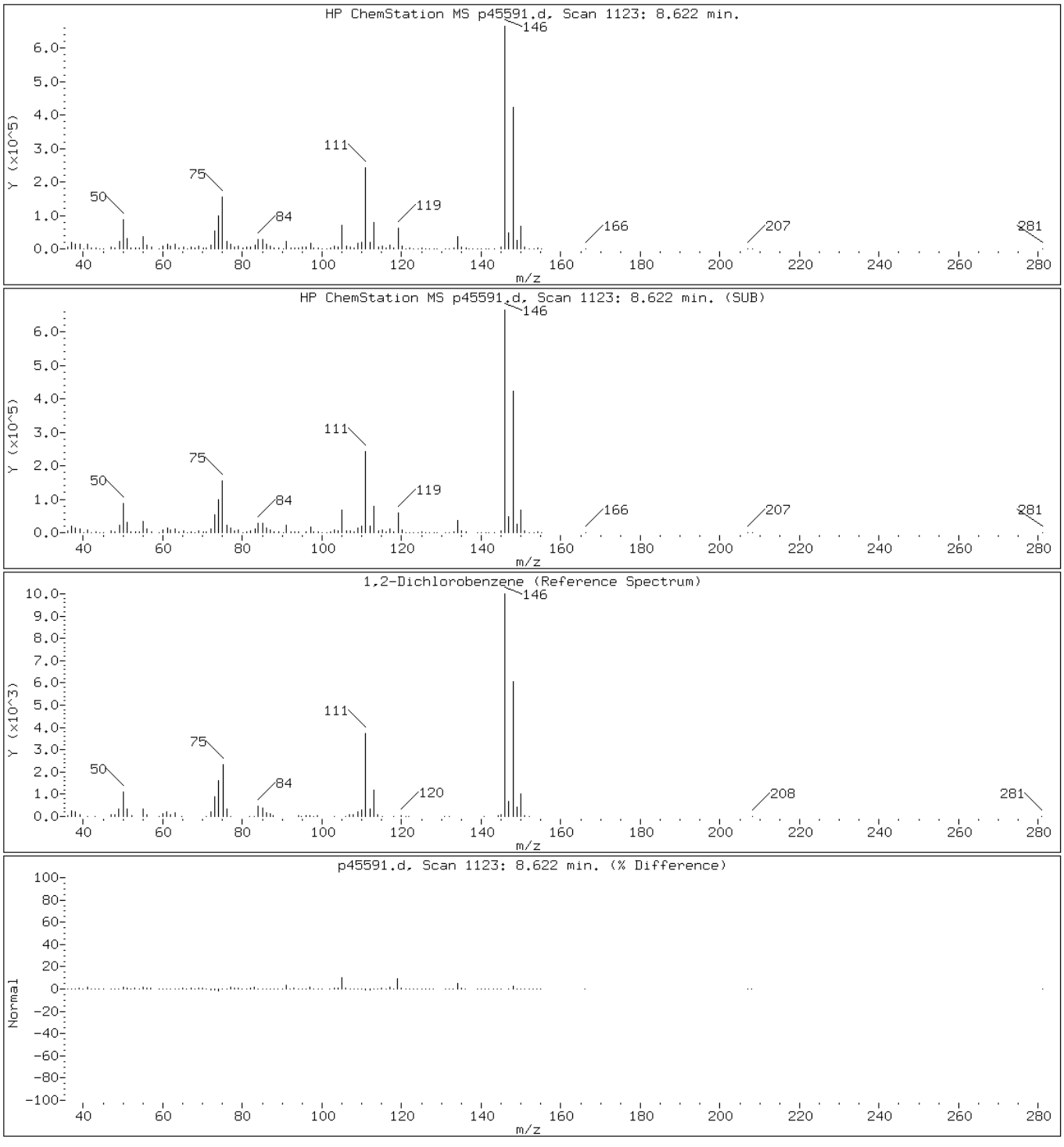
Data File: p45591.d

Date: 30-MAR-2011 17:36

Client ID: PMP-2WT-E (8.0-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-15-A;50;;5.85;5 Operator:

111 1,2-Dichlorobenzene



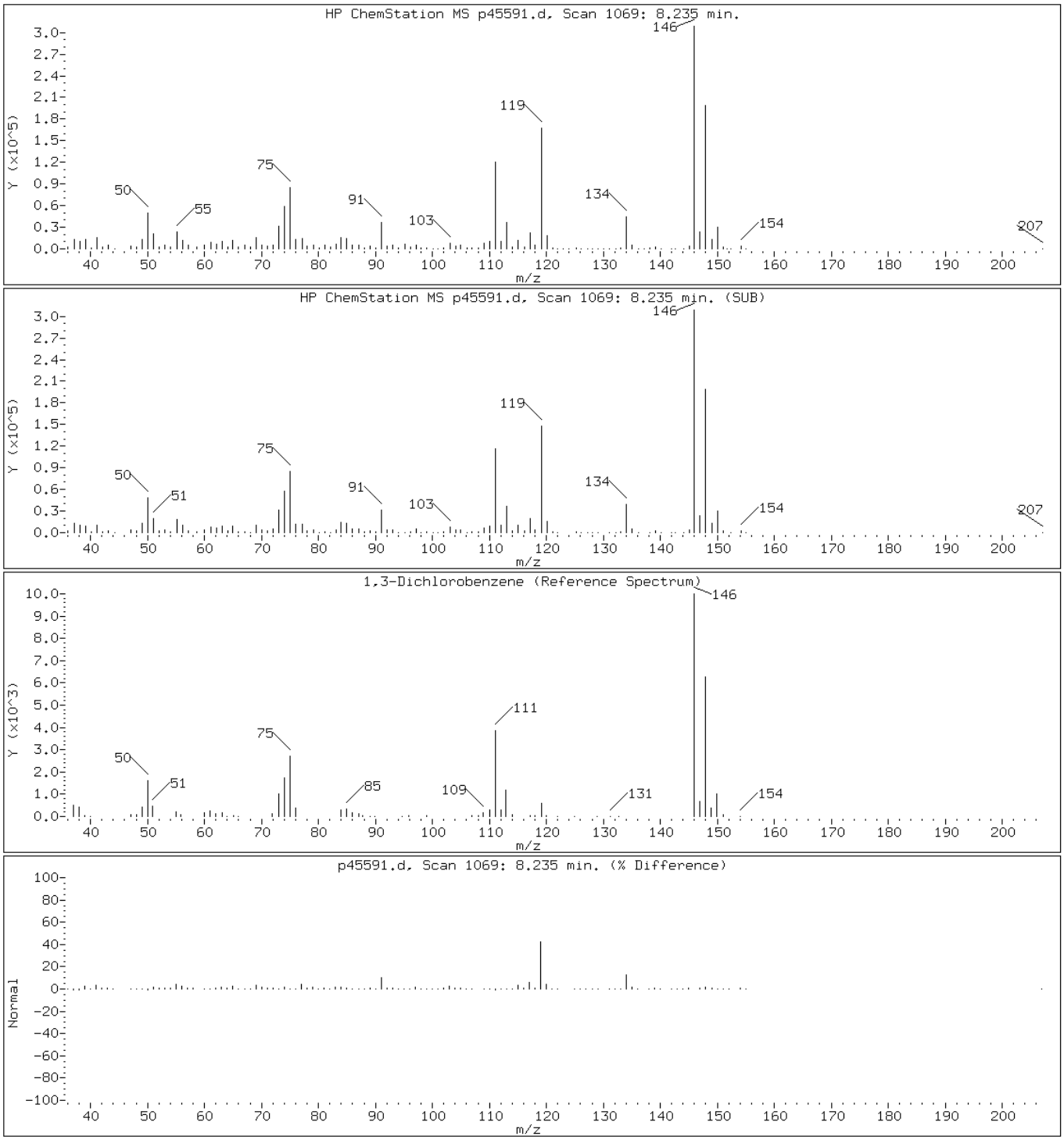
Data File: p45591.d

Date: 30-MAR-2011 17:36

Client ID: PMP-2WT-E (8.0-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-15-A;50;;5.85;5 Operator:

105 1,3-Dichlorobenzene



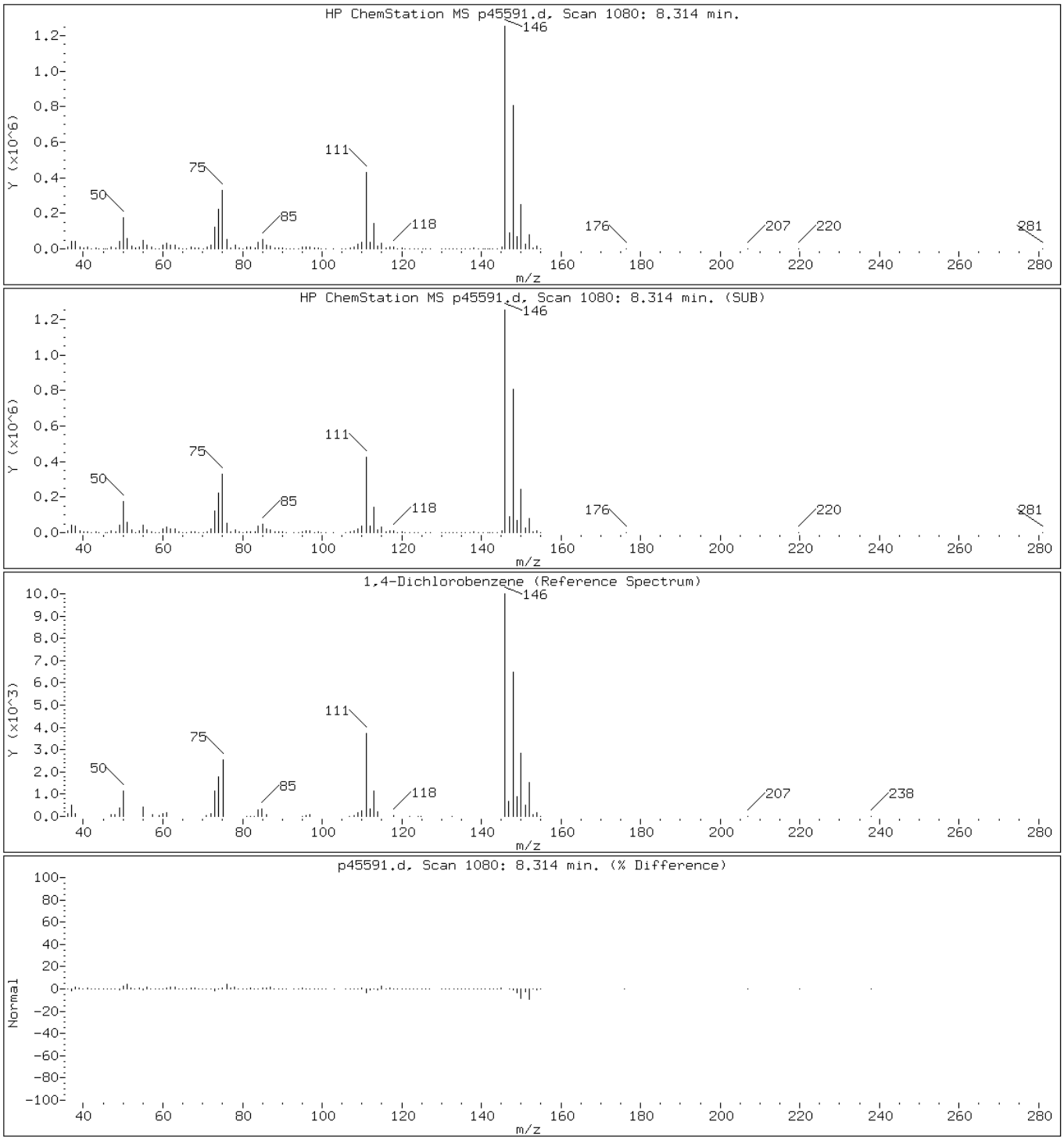
Data File: p45591.d

Date: 30-MAR-2011 17:36

Client ID: PMP-2WT-E (8.0-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-15-A;50;;5.85;5 Operator:

109 1,4-Dichlorobenzene



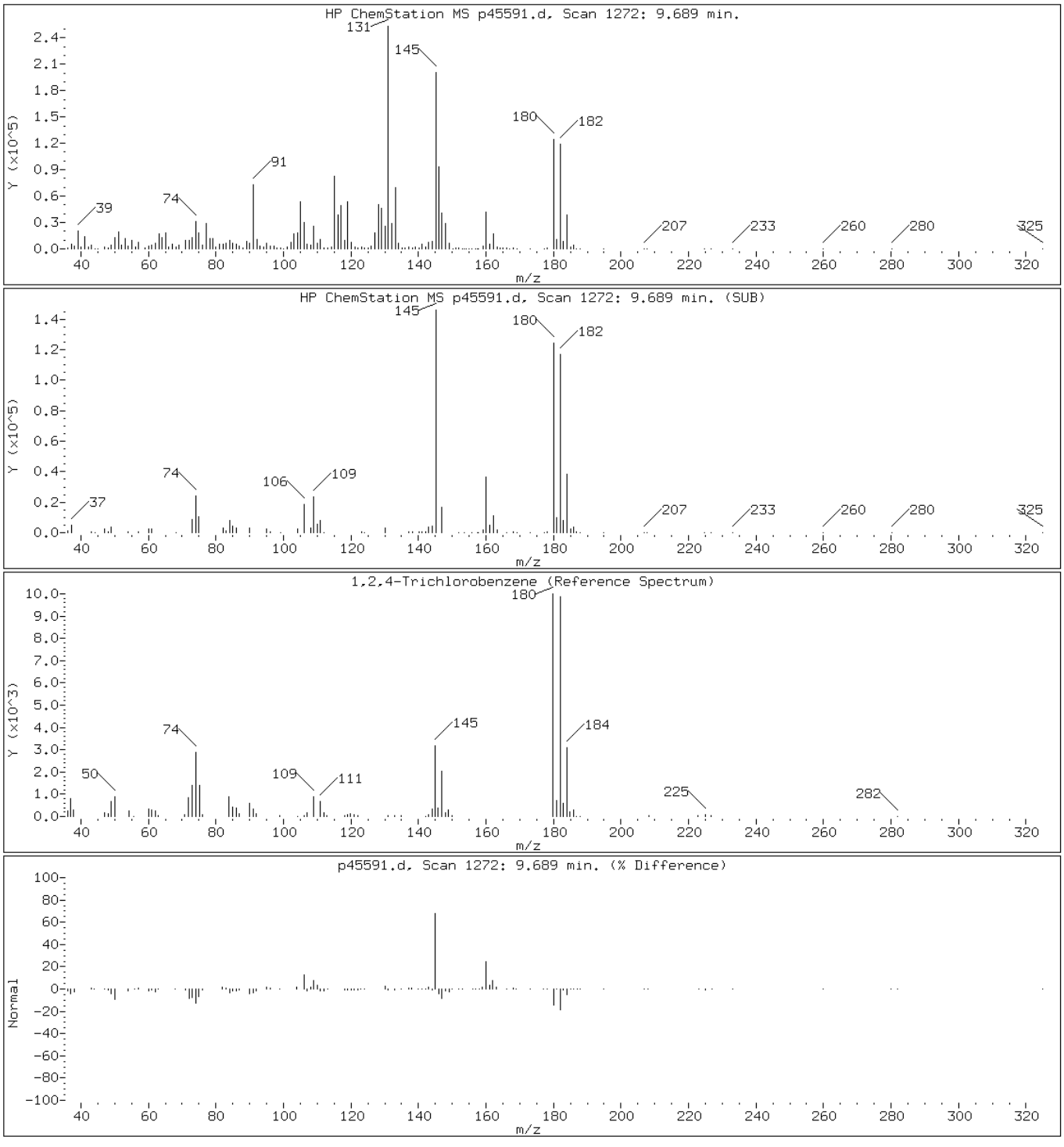
Data File: p45591.d

Date: 30-MAR-2011 17:36

Client ID: PMP-2WT-E (8.0-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-15-A;50;;5.85;5 Operator:

114 1,2,4-Trichlorobenzene



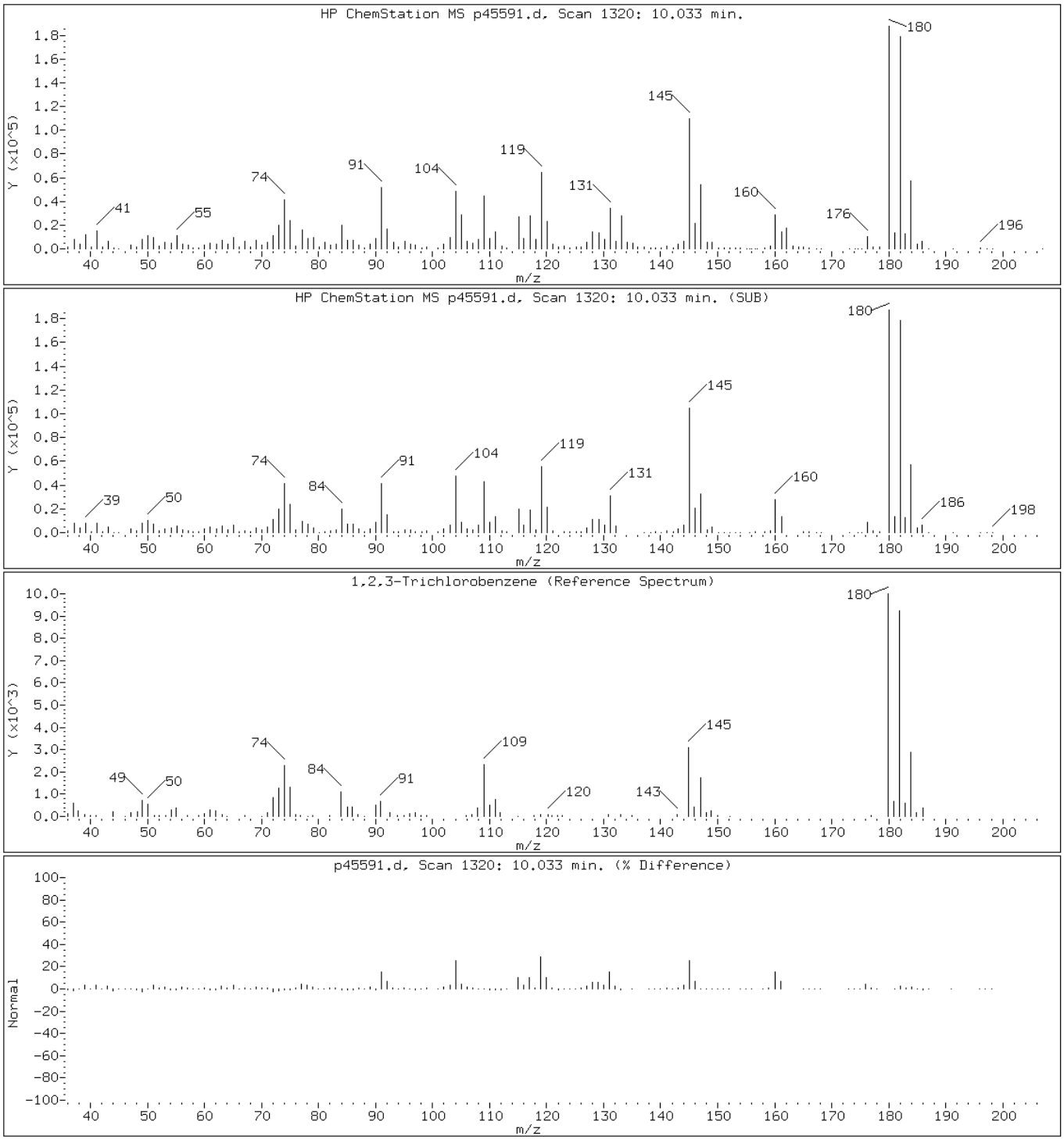
Data File: p45591.d

Date: 30-MAR-2011 17:36

Client ID: PMP-2WT-E (8.0-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-15-A;50;;5.85;5 Operator:

117 1,2,3-Trichlorobenzene



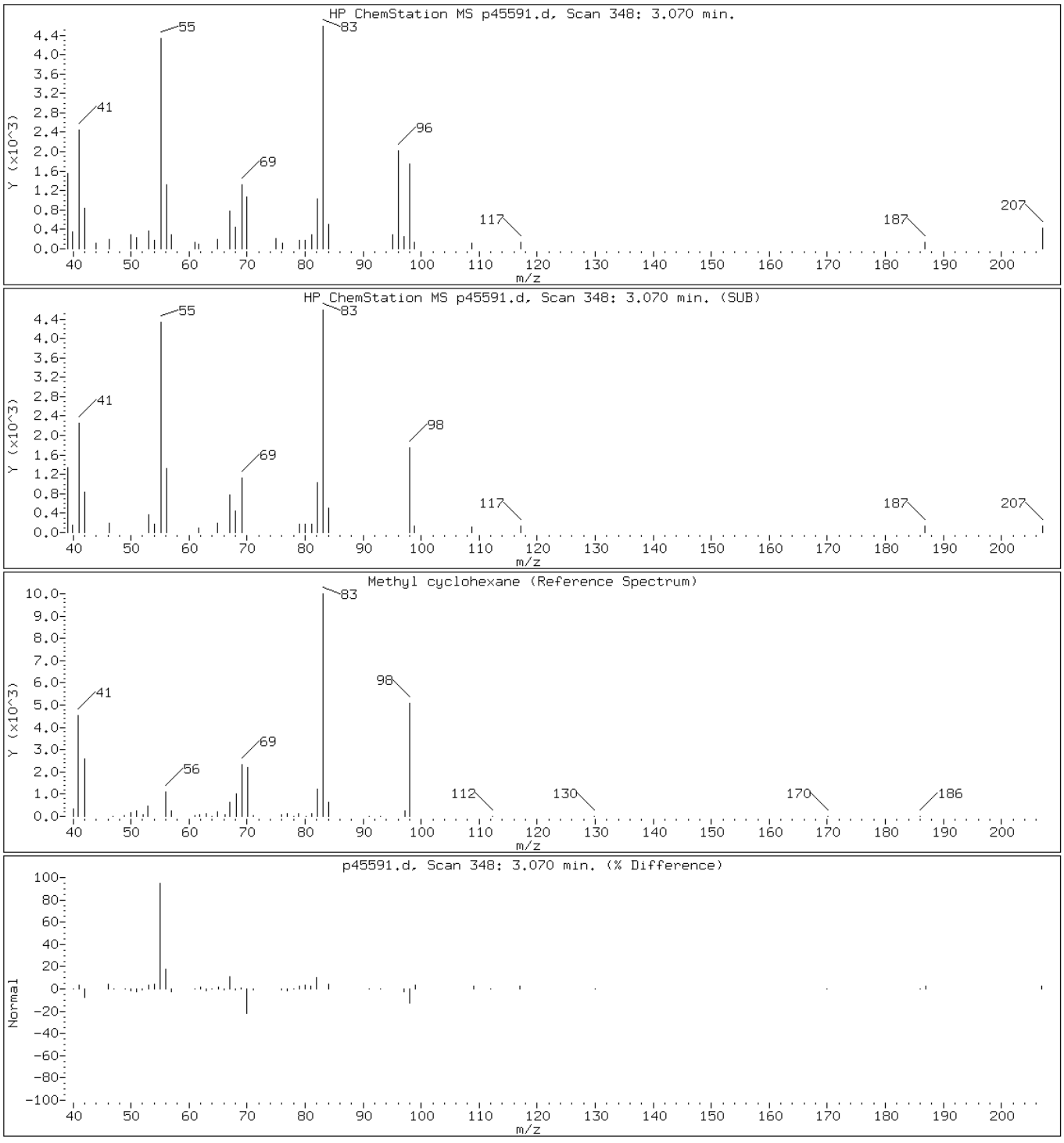
Data File: p45591.d

Date: 30-MAR-2011 17:36

Client ID: PMP-2WT-E (8.0-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-15-A;50;;5.85;5 Operator:

56 Methyl cyclohexane



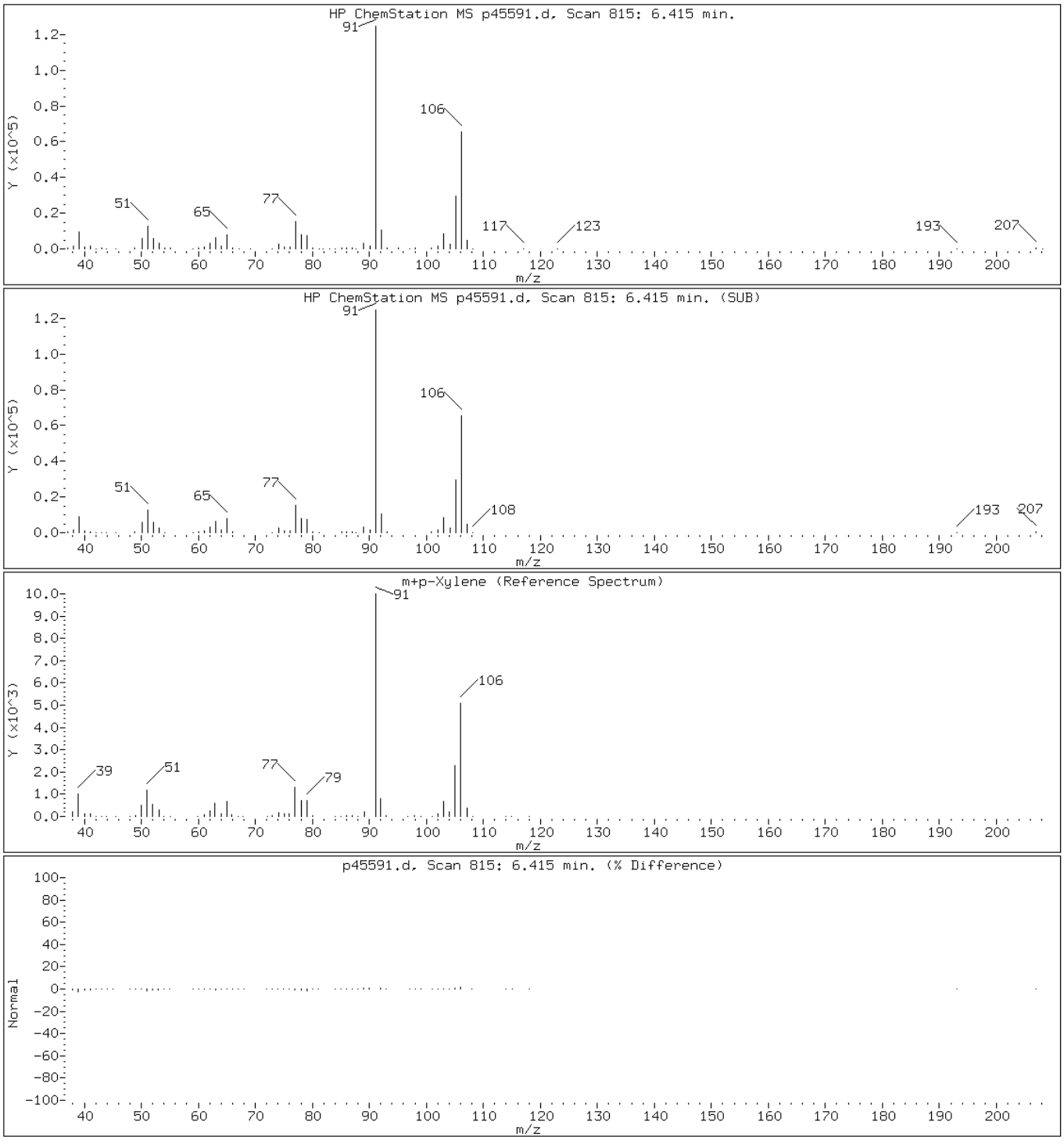
Data File: p45591.d

Date: 30-MAR-2011 17:36

Client ID: PMP-2WT-E (8.0-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-15-A;50;;5.85;5 Operator:

82 m+p-Xylene



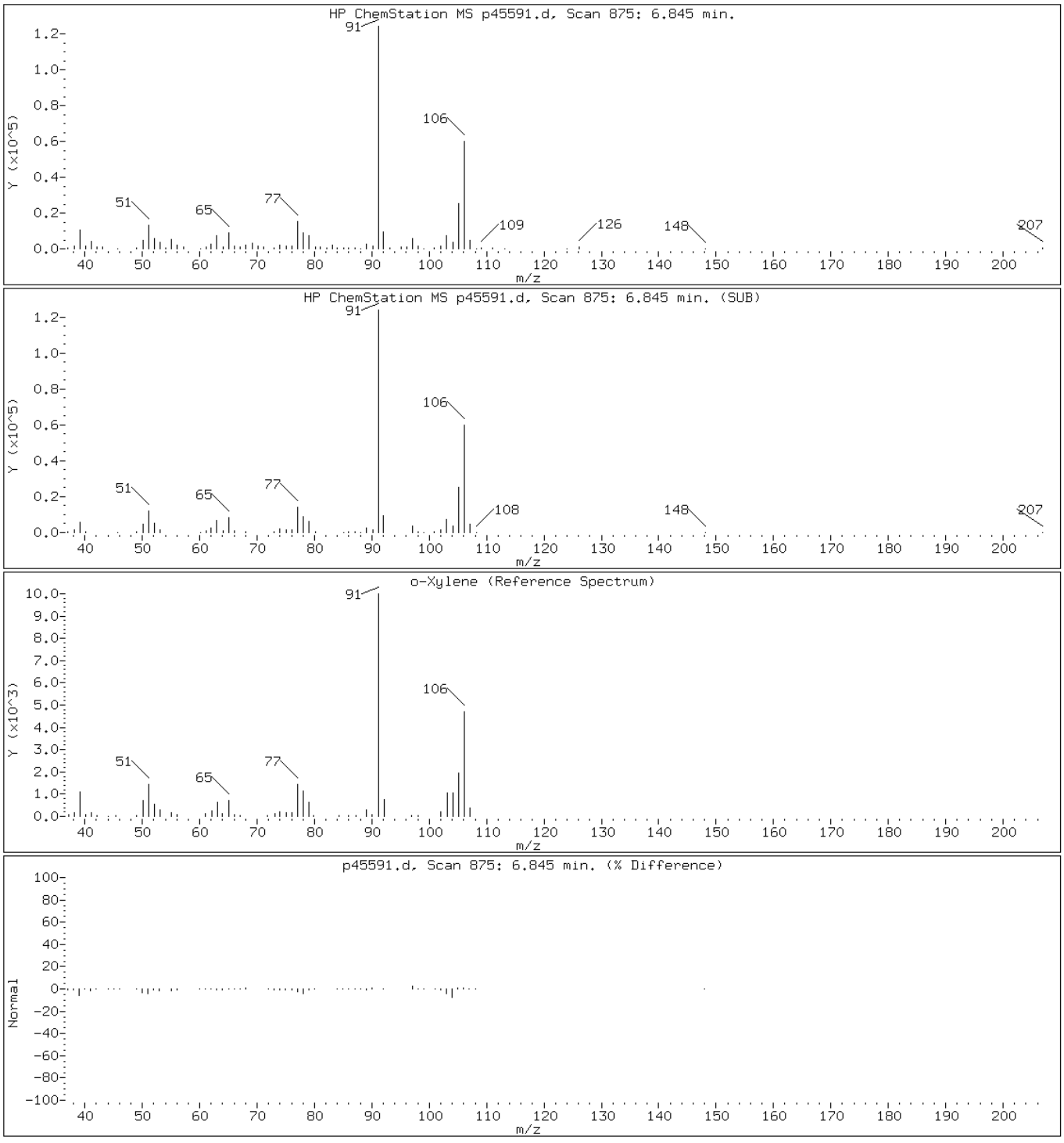
Data File: p45591.d

Date: 30-MAR-2011 17:36

Client ID: PMP-2WT-E (8.0-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-15-A;50;;5.85;5 Operator:

84 o-Xylene



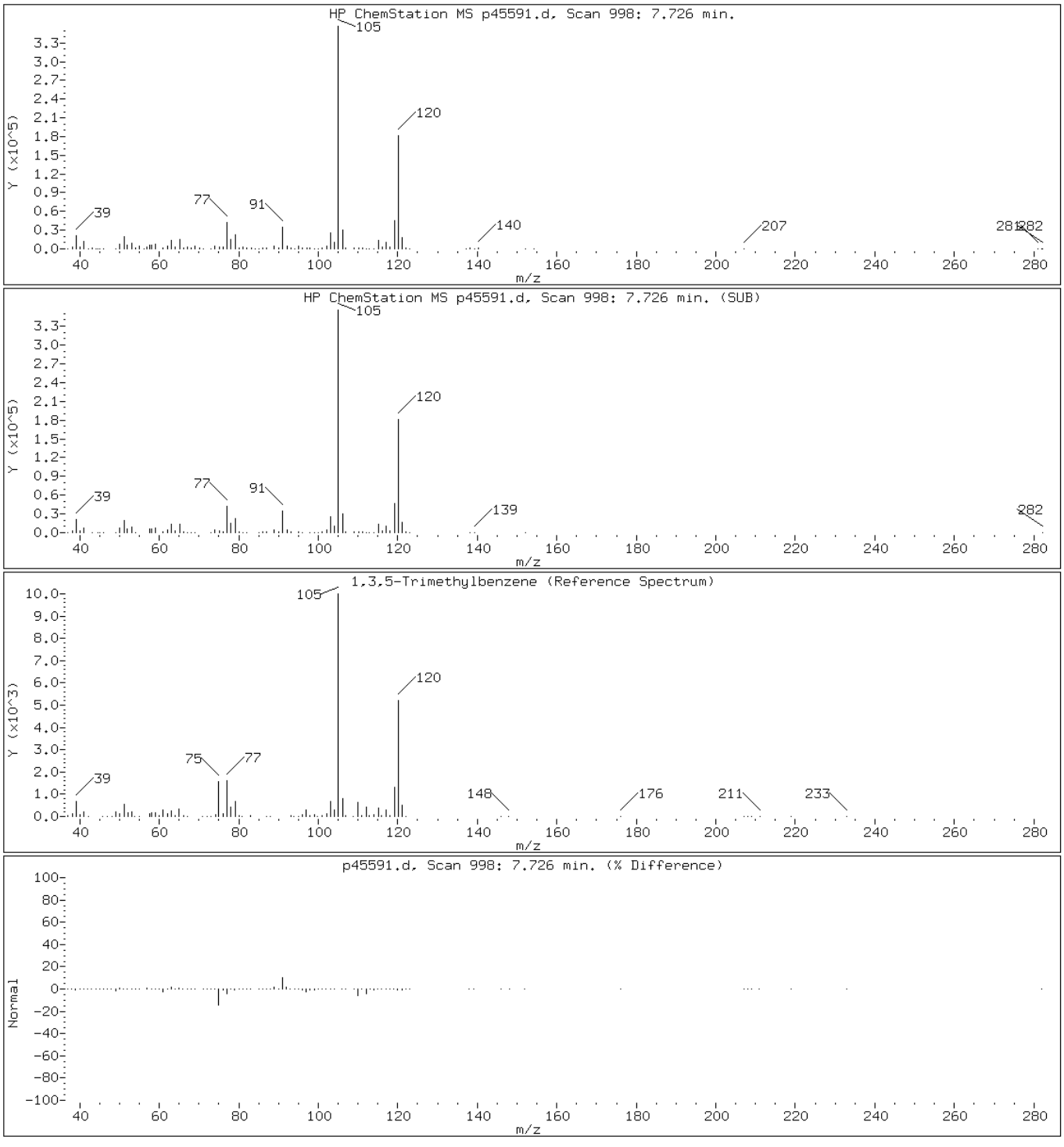
Data File: p45591.d

Date: 30-MAR-2011 17:36

Client ID: PMP-2WT-E (8.0-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-15-A;50;;5.85;5 Operator:

97 1,3,5-Trimethylbenzene



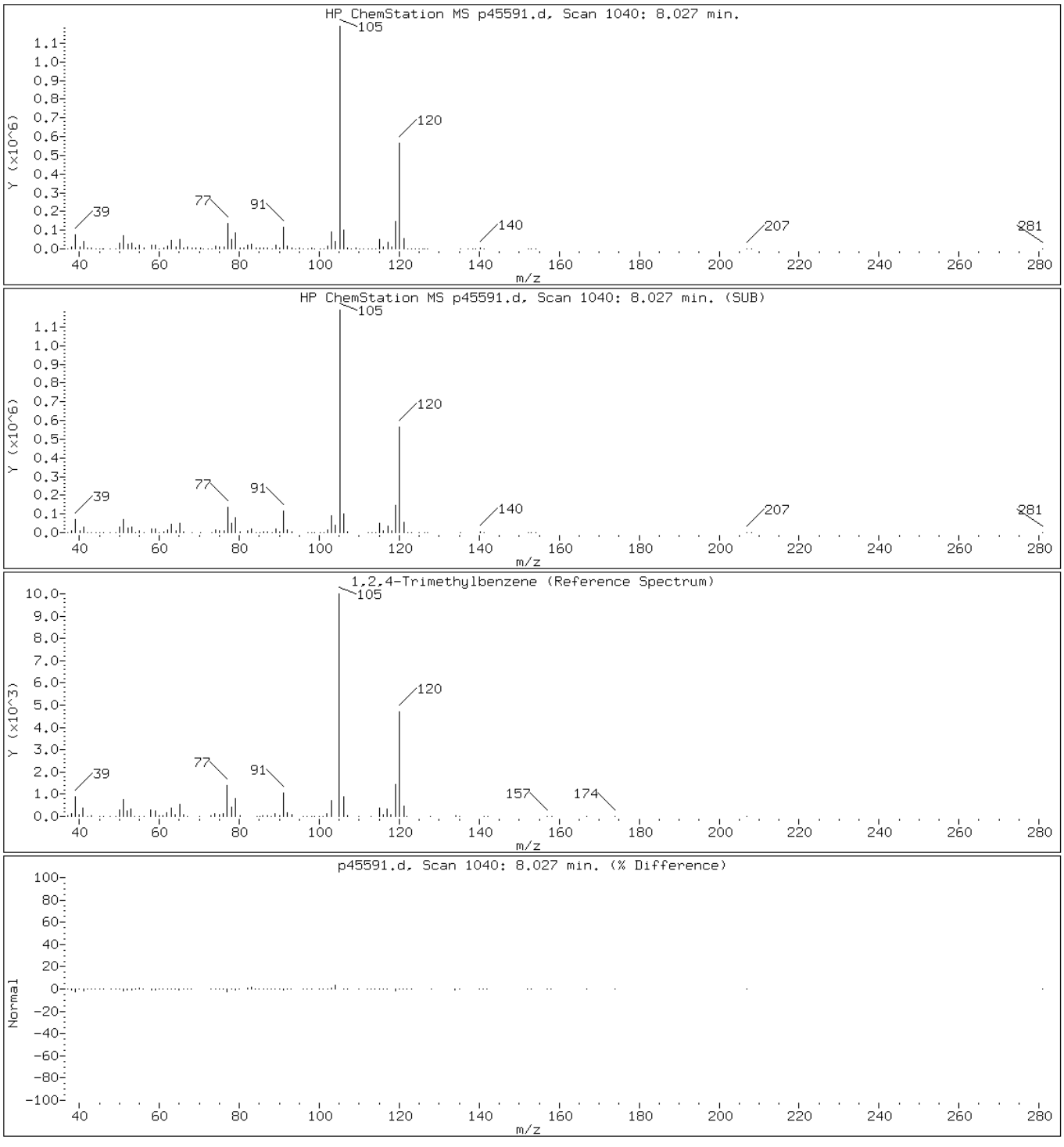
Data File: p45591.d

Date: 30-MAR-2011 17:36

Client ID: PMP-2WT-E (8.0-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-15-A;50;;5.85;5 Operator:

101 1,2,4-Trimethylbenzene



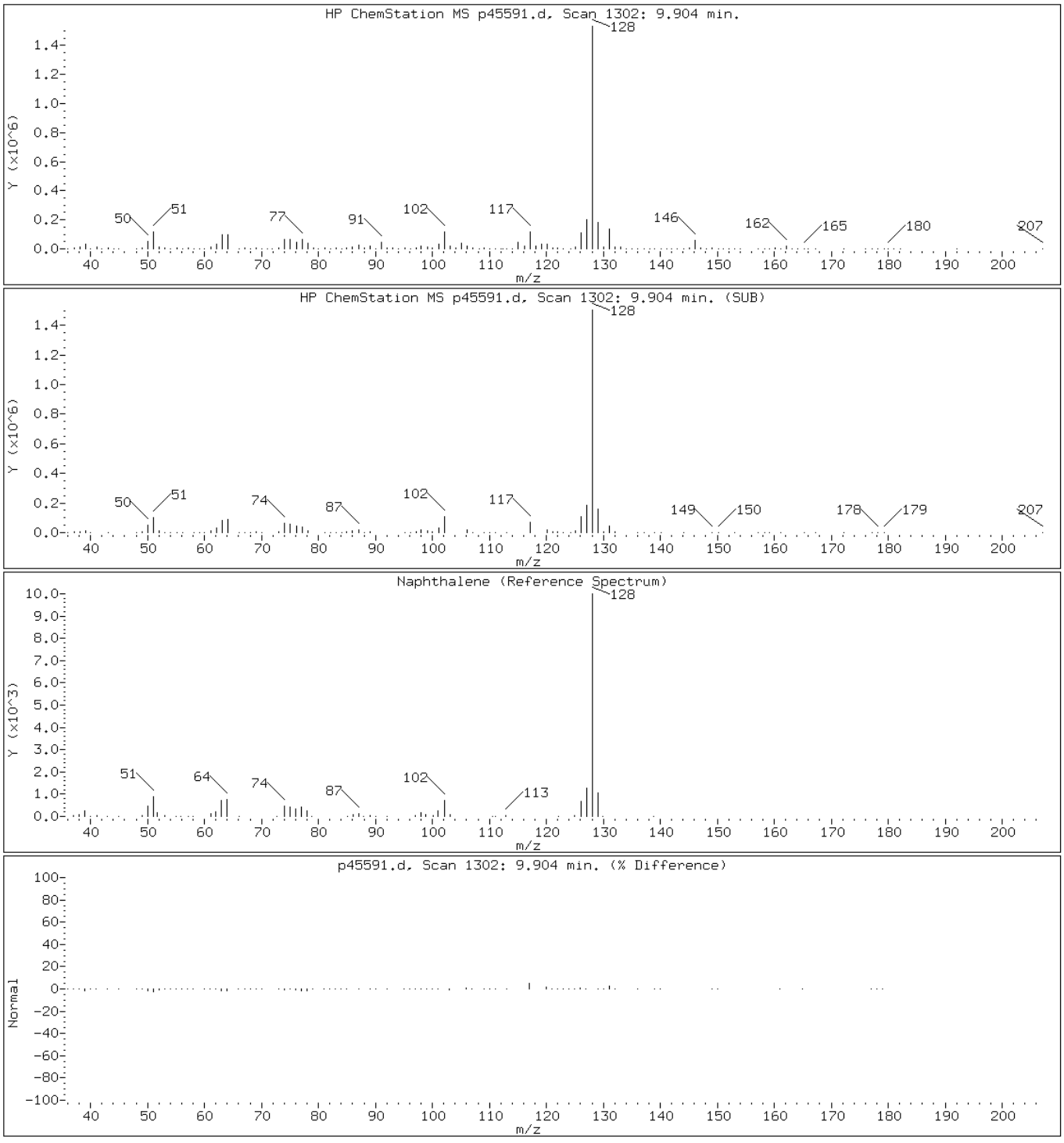
Data File: p45591.d

Date: 30-MAR-2011 17:36

Client ID: PMP-2WT-E (8.0-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-15-A;50;;5.85;5 Operator:

116 Naphthalene



Data File: p45591.d

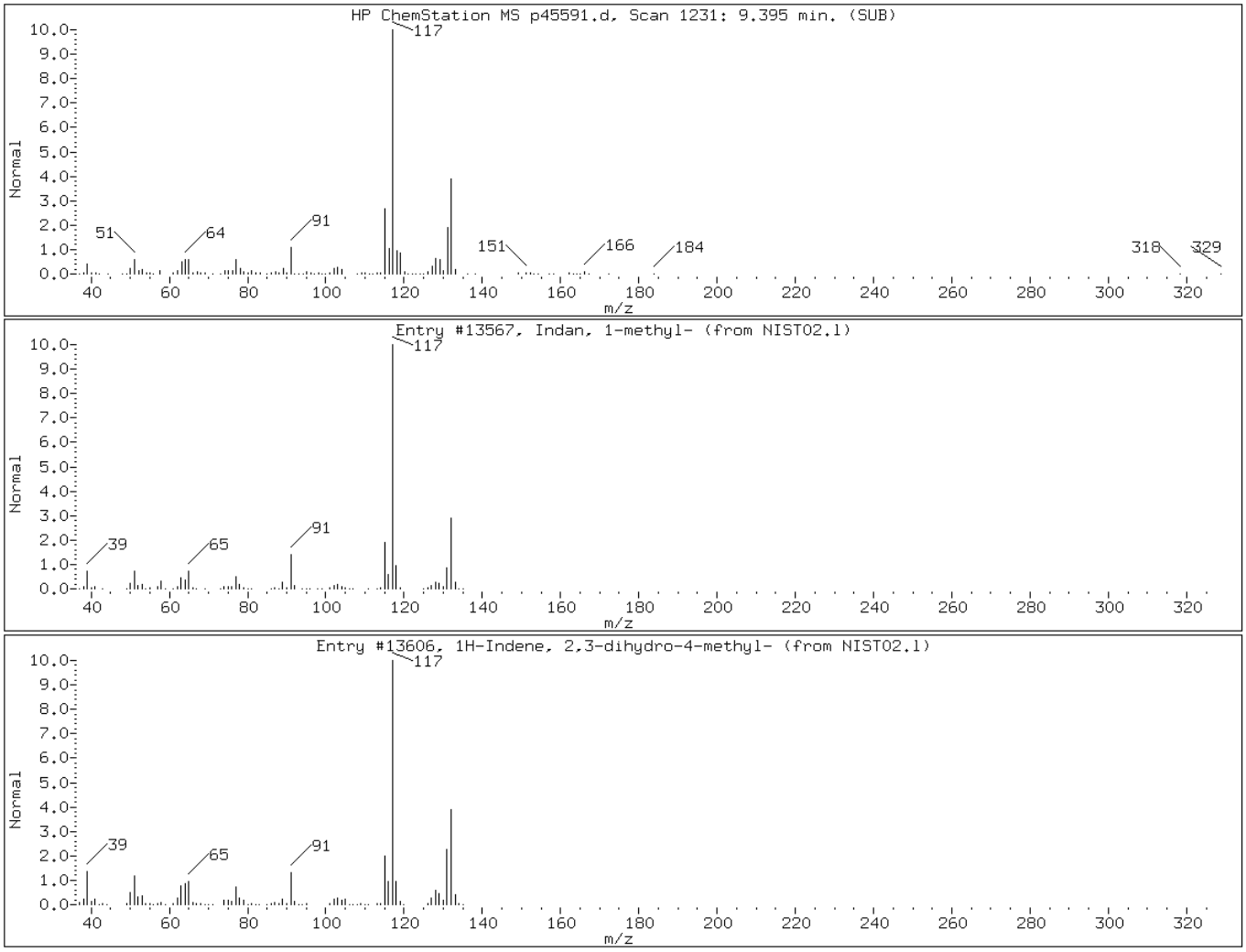
Date: 30-MAR-2011 17:36

Client ID: PMP-2WT-E (8.0-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-15-A;50;;5.85;5 Operator:

Retention Time: 9.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic-1						
Indan, 1-methyl-	767-58-8	NIST02.l	13567	91	C10H12	132
1H-Indene, 2,3-dihydro-4-methyl-	824-22-6	NIST02.l	13606	90	C10H12	132



Data File: p45591.d

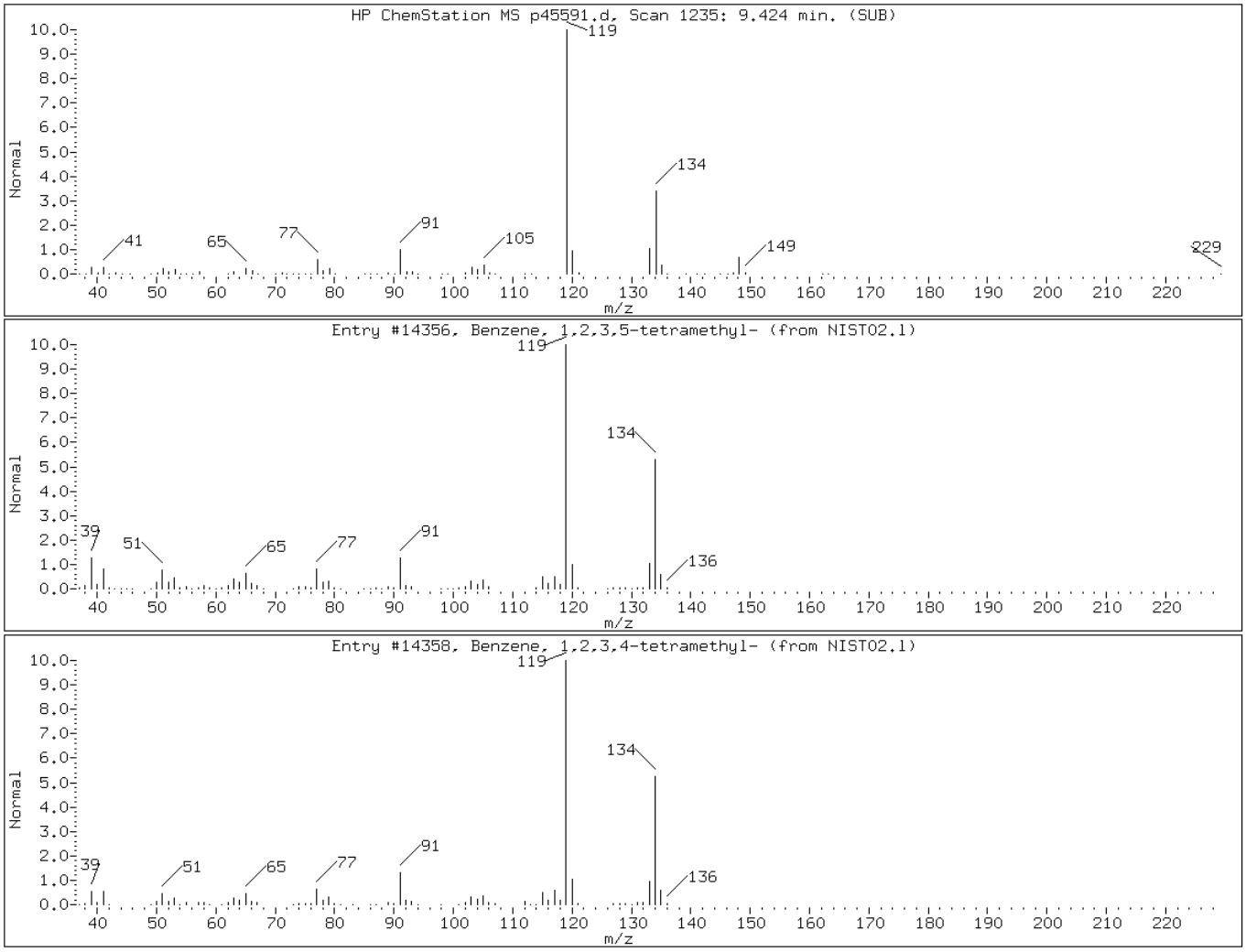
Date: 30-MAR-2011 17:36

Client ID: PMP-2WT-E (8.0-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-15-A;50;;5.85;5 Operator:

Retention Time: 9.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer-1						
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14356	91	C10H14	134
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14358	91	C10H14	134



Data File: p45591.d

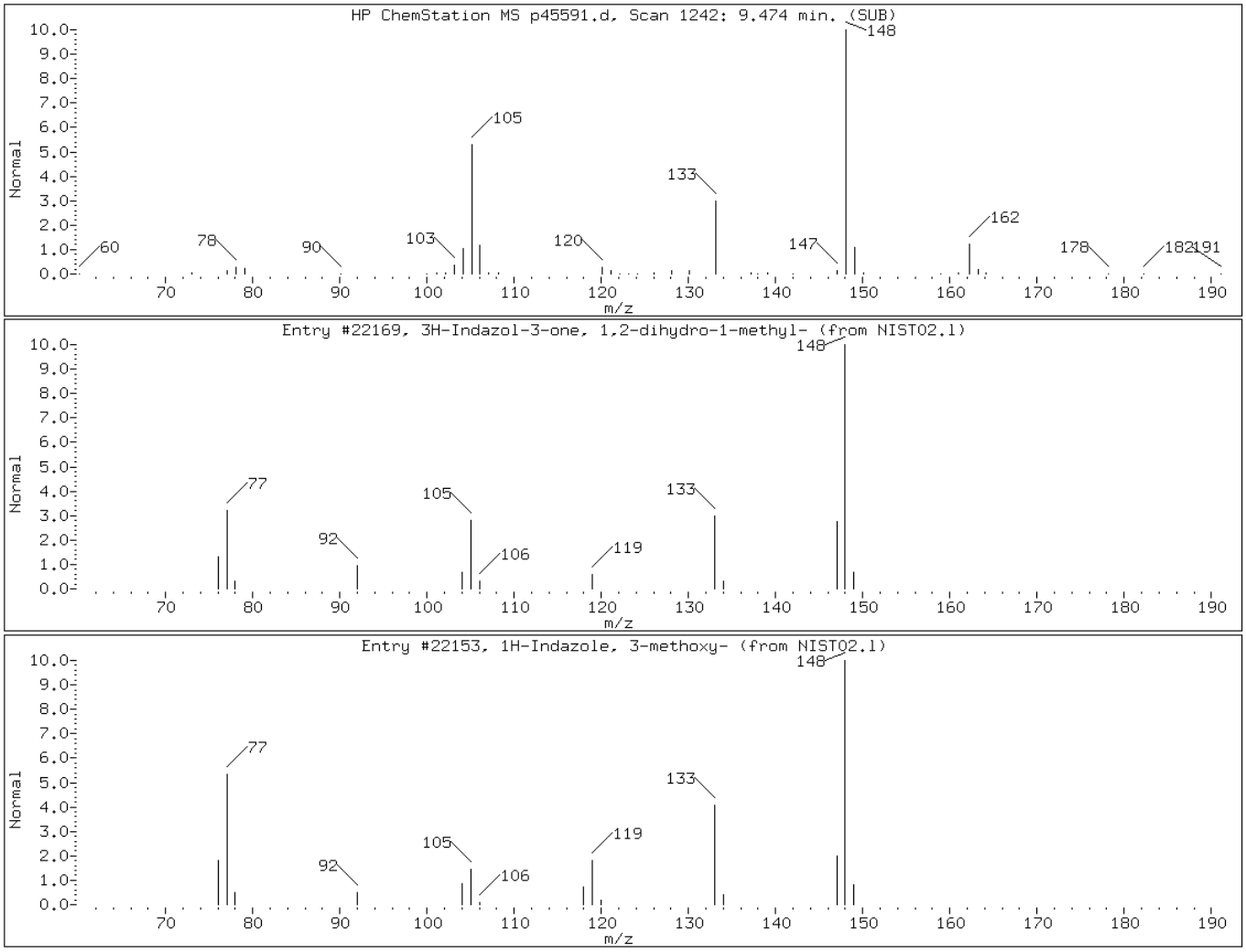
Date: 30-MAR-2011 17:36

Client ID: PMP-2WT-E (8.0-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-15-A;50;;5.85;5 Operator:

Retention Time: 9.47

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
3H-Indazol-3-one, 1,2-dihydro-1-me	1006-19-5	NIST02.l	22169	86	C8H8N2O	148
1H-Indazole, 3-methoxy-	1848-41-5	NIST02.l	22153	64	C8H8N2O	148



Data File: p45591.d

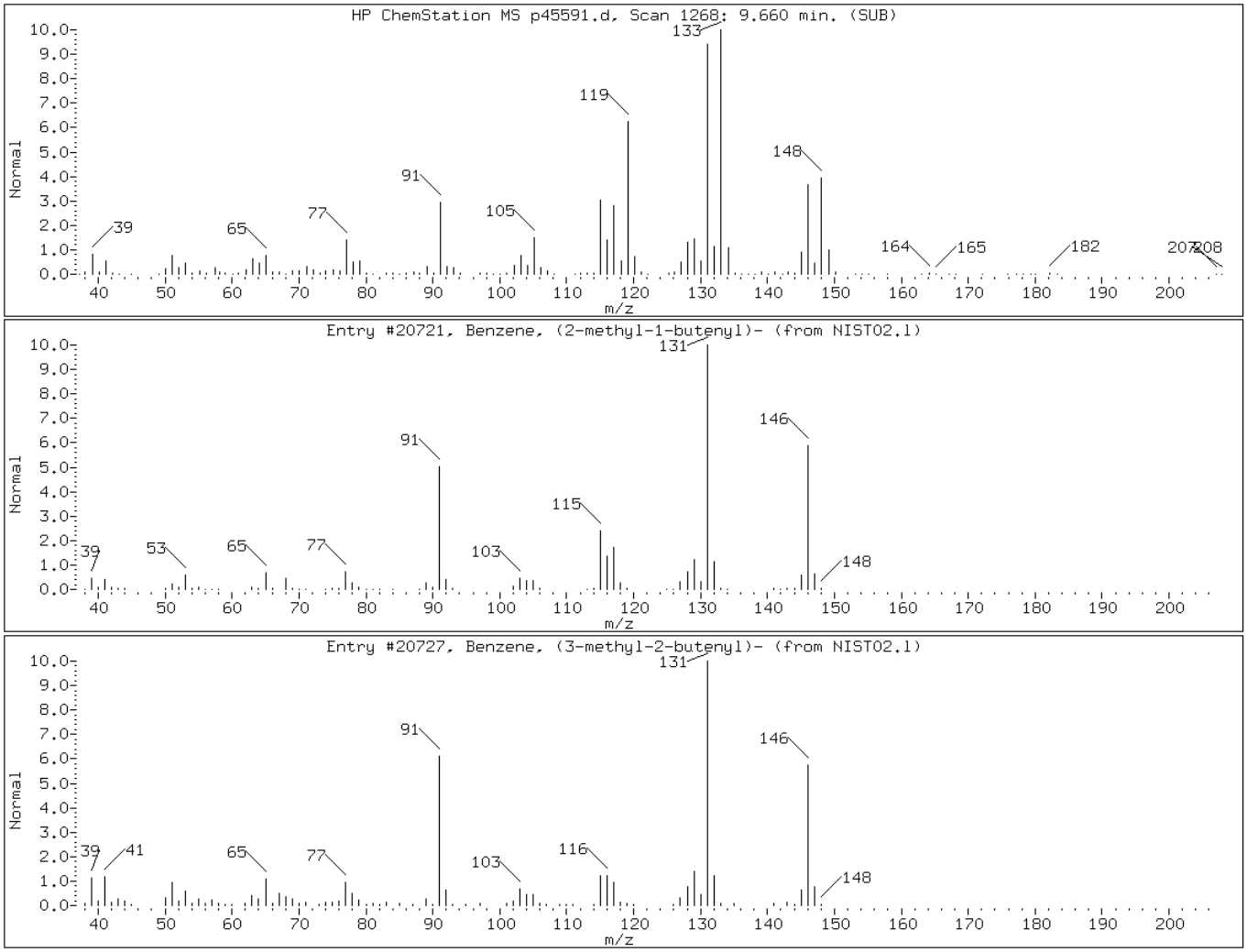
Date: 30-MAR-2011 17:36

Client ID: PMP-2WT-E (8.0-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-15-A;50;;5.85;5 Operator:

Retention Time: 9.66

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H14 Aromatic-2/C11H16 Aromatic						
Benzene, (2-methyl-1-butenyl)-	56253-64-6	NIST02.l	20721	83	C11H14	146
Benzene, (3-methyl-2-butenyl)-	4489-84-3	NIST02.l	20727	70	C11H14	146



Data File: p45591.d

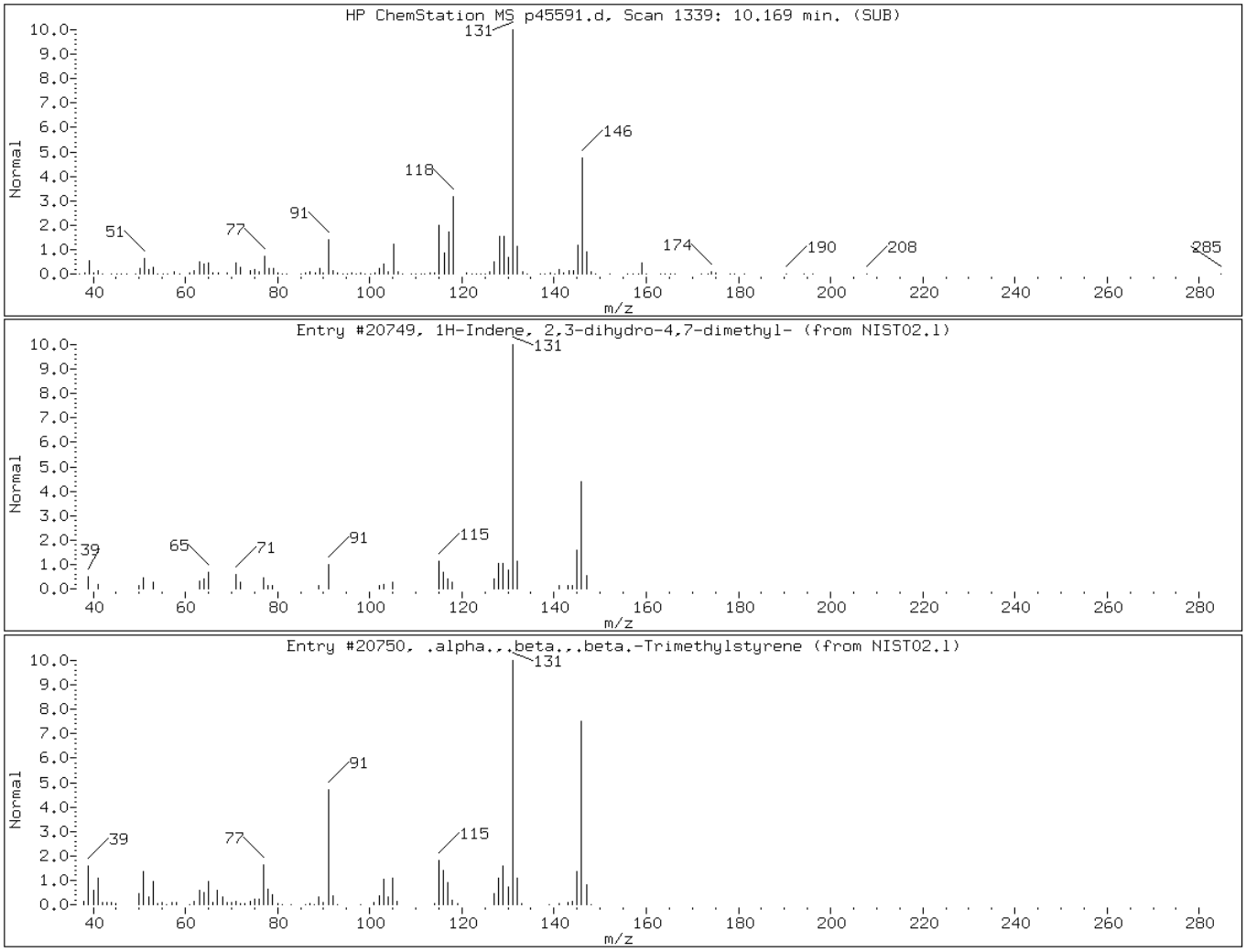
Date: 30-MAR-2011 17:36

Client ID: PMP-2WT-E (8.0-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-15-A;50;;5.85;5 Operator:

Retention Time: 10.17

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	20749	94	C11H14	146
.alpha.,.beta.,.beta.-Trimethylsty	769-57-3	NIST02.l	20750	91	C11H14	146



Data File: p45591.d

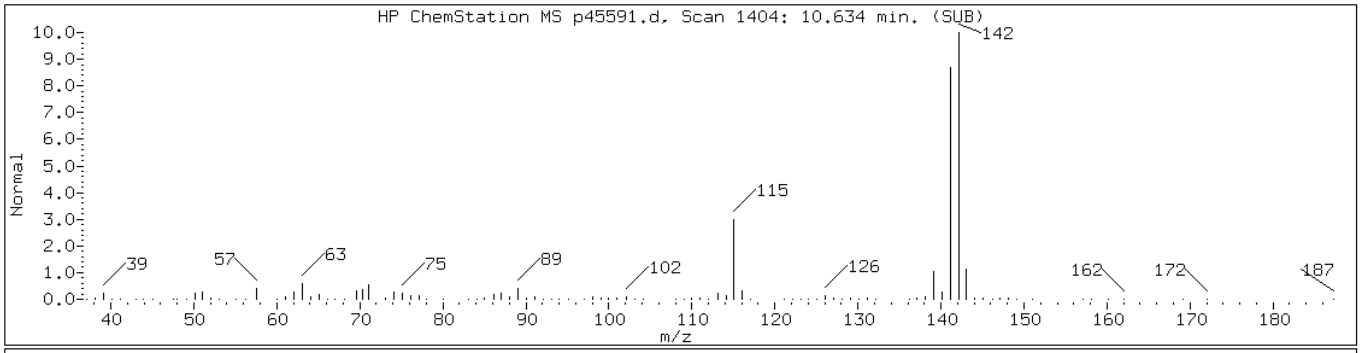
Date: 30-MAR-2011 17:36

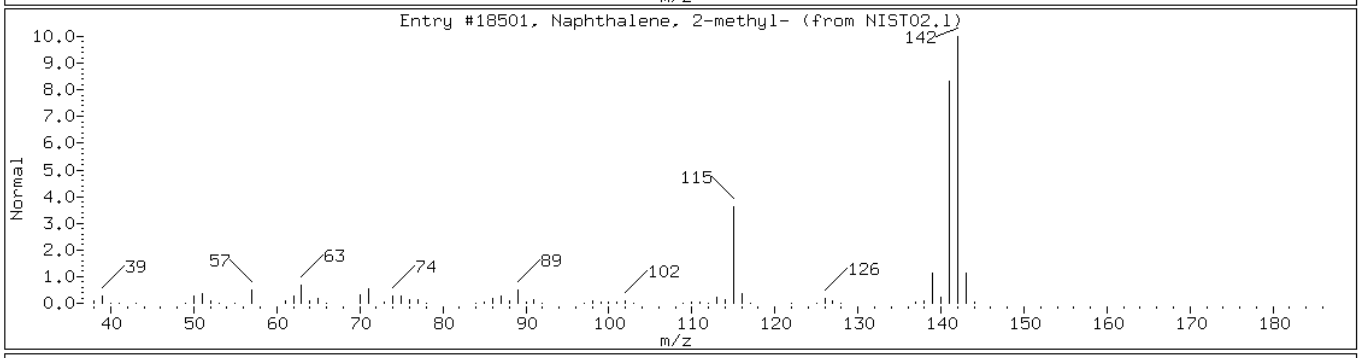
Client ID: PMP-2WT-E (8.0-8.5) Instrument: VOAMS13.i

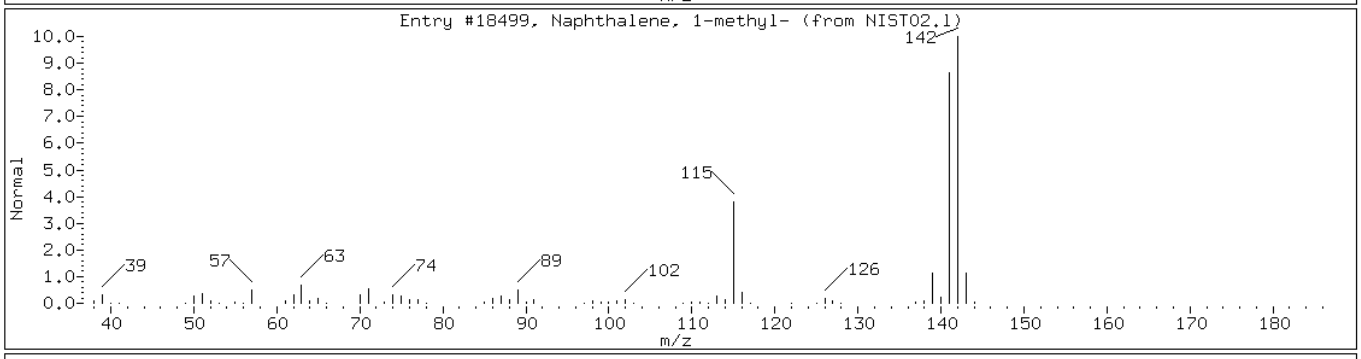
Sample Info: 460-24280-D-15-A;50;;5.85;5 Operator:

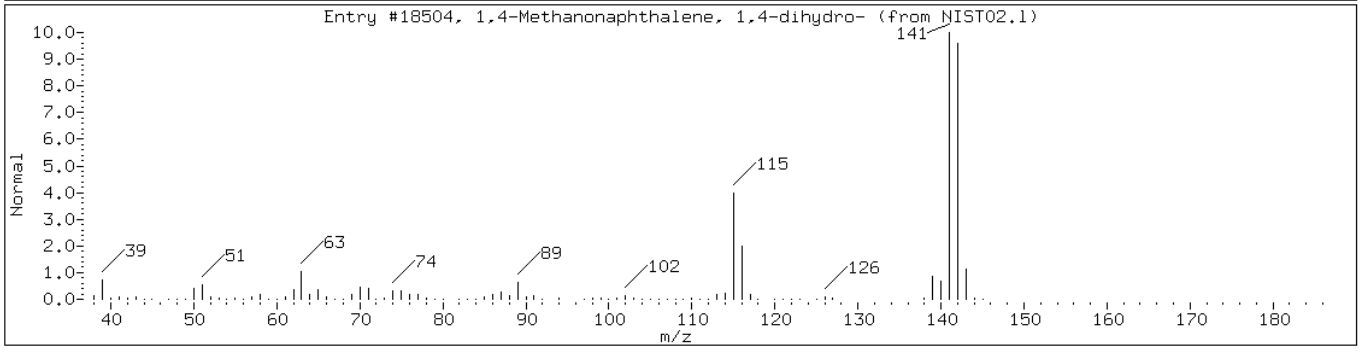
Retention Time: 10.63

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









Data File: p45591.d

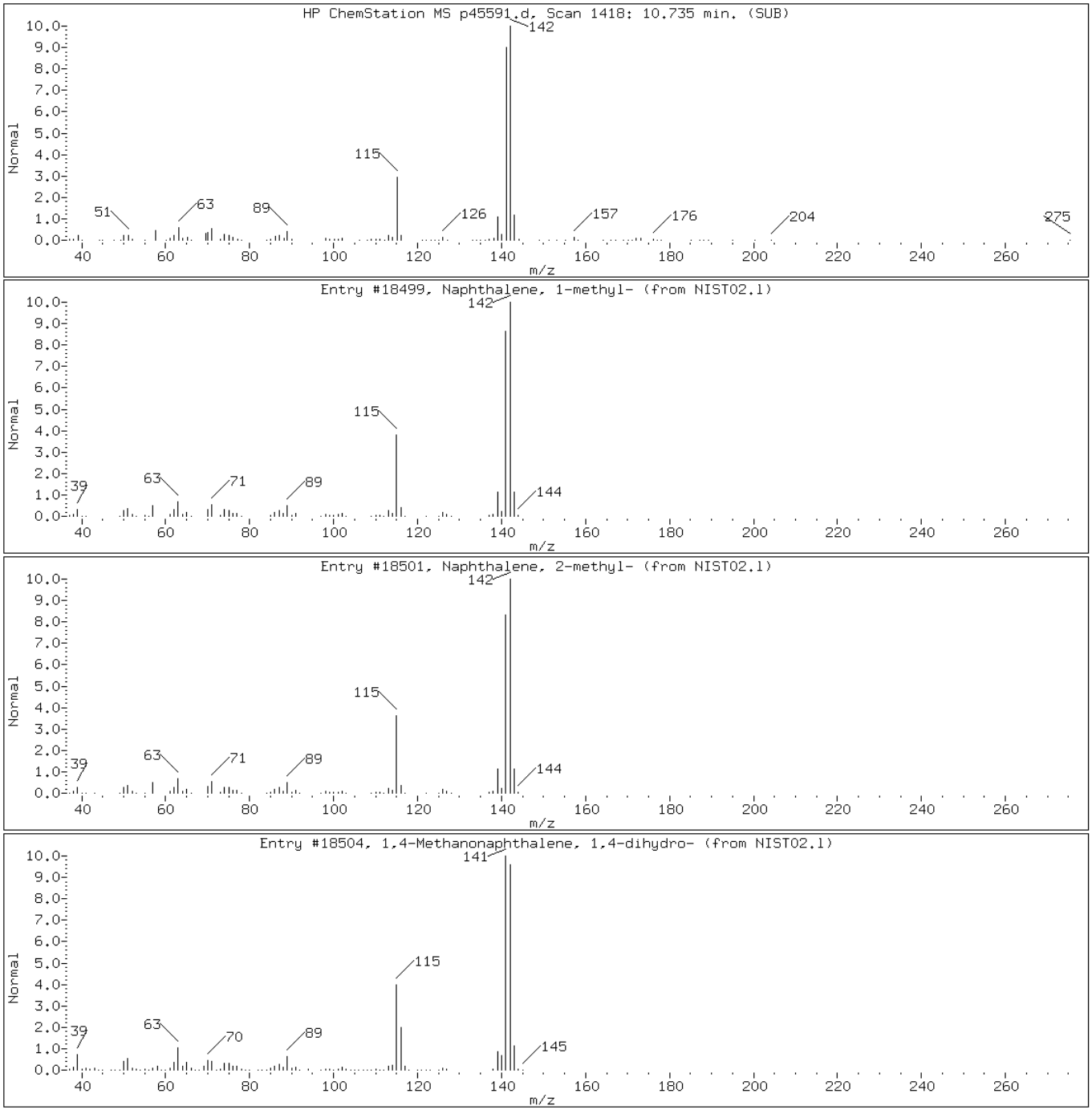
Date: 30-MAR-2011 17:36

Client ID: PMP-2WT-E (8.0-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-15-A;50;;5.85;5 Operator:

Retention Time: 10.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 1-methyl-	90-12-0	NIST02.l	18499	91	C11H10	142
Naphthalene, 2-methyl-	91-57-6	NIST02.l	18501	95	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.: 460-24280-1

SDG No.:

Client Sample ID: PMP-2-SI-E (10.5-11.0) | Lab Sample ID: 460-24280-16

Matrix: Solid | Lab File ID: p45634.d

Analysis Method: 8260B | Date Collected: 03/17/2011 11:30

Sample wt/vol: 18.93(g) | Date Analyzed: 03/31/2011 15:13

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 200

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.8 | Level: (low/med) Medium

Analysis Batch No.: 69082 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	61	U	61	13
74-83-9	Bromomethane	61	U	61	19
75-01-4	Vinyl chloride	61	U	61	7.3
75-00-3	Chloroethane	61	U	61	27
75-09-2	Methylene Chloride	61	U	61	12
67-64-1	Acetone	330	J	610	150
75-15-0	Carbon disulfide	61	U	61	8.8
75-69-4	Trichlorofluoromethane	61	U	61	9.5
75-35-4	1,1-Dichloroethene	61	U	61	8.5
75-34-3	1,1-Dichloroethane	61	U	61	6.1
156-60-5	trans-1,2-Dichloroethene	61	U	61	8.3
156-59-2	cis-1,2-Dichloroethene	38	J	61	12
67-66-3	Chloroform	61	U	61	9.4
78-93-3	2-Butanone	610	U	610	50
107-06-2	1,2-Dichloroethane	61	U	61	15
71-55-6	1,1,1-Trichloroethane	61	U	61	15
56-23-5	Carbon tetrachloride	61	U	61	11
71-43-2	Benzene	61	U	61	7.2
75-25-2	Bromoform	61	U	61	6.0
100-42-5	Styrene	61	U	61	8.4
100-41-4	Ethylbenzene	770		61	15
108-90-7	Chlorobenzene	83		61	10
110-82-7	Cyclohexane	61	U	61	7.5
98-82-8	Isopropylbenzene	330		61	13
591-78-6	2-Hexanone	610	U	610	33
1634-04-4	MTBE	61	U	61	11
76-13-1	Freon TF	61	U	61	17
79-20-9	Methyl acetate	120	U	120	20
123-91-1	1,4-Dioxane	3000	U	3000	510
79-01-6	Trichloroethene	61	U	61	11
108-88-3	Toluene	470		61	5.7
10061-02-6	trans-1,3-Dichloropropene	61	U	61	7.4
108-10-1	4-Methyl-2-pentanone	610	U	610	41
10061-01-5	cis-1,3-Dichloropropene	61	U	61	6.2
95-50-1	1,2-Dichlorobenzene	570		61	9.9
541-73-1	1,3-Dichlorobenzene	280		61	14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-2-SI-E (10.5-11.0) Lab Sample ID: 460-24280-16

Matrix: Solid Lab File ID: p45634.d

Analysis Method: 8260B Date Collected: 03/17/2011 11:30

Sample wt/vol: 18.93(g) Date Analyzed: 03/31/2011 15:13

Soil Aliquot Vol: 5 (mL) Dilution Factor: 200

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.8 Level: (low/med) Medium

Analysis Batch No.: 69082 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1100		61	9.1
120-82-1	1,2,4-Trichlorobenzene	3100		61	26
87-61-6	1,2,3-Trichlorobenzene	1500		61	50
78-87-5	1,2-Dichloropropane	61	U	61	5.3
108-87-2	Methylcyclohexane	51	J	61	4.9
127-18-4	Tetrachloroethene	61	U	61	12
1330-20-7	Xylenes, Total	3200		180	26
96-12-8	1,2-Dibromo-3-Chloropropane	61	U	61	9.3
79-34-5	1,1,2,2-Tetrachloroethane	61	U	61	5.2
79-00-5	1,1,2-Trichloroethane	61	U	61	5.9
124-48-1	Dibromochloromethane	61	U	61	6.1
106-93-4	1,2-Dibromoethane	61	U	61	5.5
75-71-8	Dichlorodifluoromethane	61	U	61	17
74-97-5	Bromochloromethane	61	U *	61	10
75-27-4	Bromodichloromethane	61	U	61	5.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		57-135
2037-26-5	Toluene-d8 (Surr)	81		46-130
460-00-4	Bromofluorobenzene	105		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-2-SI-E (10.5-11.0) Lab Sample ID: 460-24280-16

Matrix: Solid Lab File ID: p45634.d

Analysis Method: 8260B Date Collected: 03/17/2011 11:30

Sample wt/vol: 18.93(g) Date Analyzed: 03/31/2011 15:13

Soil Aliquot Vol: 5 (mL) Dilution Factor: 200

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.8 Level: (low/med) Medium

Analysis Batch No.: 69082 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 47200

CAS NO.	COMPOUND NAME	RT	RESULT	Q
95-63-6	1,2,4-Trimethylbenzene	8.03	3600	
95-13-6	Indene	8.68	4100	J N
	C10H12 Aromatic-1	9.40	2500	J
	Tetramethylbenzene isomer-1	9.42	2200	J
91-20-3	Naphthalene	9.90	15000	
	2,3-dihydro-dimethyl-1H-Indene isomer-1	10.17	2600	J
91-57-6	Naphthalene, 2-methyl-	10.63	7700	J N
90-12-0	Naphthalene, 1-methyl-	10.73	3600	J N
	Dimethylnaphthalene isomer	11.28	2400	J
	Dimethylnaphthalene isomer-1	11.36	3500	J

Data File: /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45634.d
Report Date: 31-Mar-2011 16:35

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45634.d
Lab Smp Id: 460-24280-D-16-A Client Smp ID: PMP-2-SI-E (10.5-11
Inj Date : 31-MAR-2011 15:13
Operator : Inst ID: VOAMS13.i
Smp Info : 460-24280-D-16-A;200;;18.93;5
Misc Info : 460-24280-D-16-A
Comment   :
Method   : /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/8260_09.m
Meth Date : 31-Mar-2011 12:56 desais Quant Type: ISTD
Cal Date : 03-MAR-2011 04:37 Cal File: p44665.d
Als bottle: 9
Dil Factor: 200.00000
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	200.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	18.93000	Weight of sample extracted (g)
M	12.80788	% 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 Acetone	58	1.480	1.480	(0.498)	1328	5.43866	330(a)
	36 cis-1,2-Dichloroethene	96	2.132	2.132	(0.718)	1989	0.61954	38(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	2.769	2.769	(0.932)	40129	11.6720	710
*	52 Fluorobenzene	96	2.970	2.970	(1.000)	651563	50.0000	
	56 Methyl cyclohexane	83	3.070	3.070	(1.034)	3523	0.84744	51(a)
$	65 Toluene-d8 (SUR)	98	4.374	4.374	(0.714)	122780	10.1074	610
	66 Toluene	91	4.424	4.424	(0.722)	115092	7.72476	470
*	78 Chlorobenzene-d5	117	6.129	6.129	(1.000)	536190	50.0000	
	79 Chlorobenzene	112	6.150	6.150	(1.004)	12734	1.36409	83
	81 Ethylbenzene	106	6.229	6.236	(1.016)	62662	12.7371	770
	82 m+p-Xylene	106	6.415	6.415	(1.047)	212402	33.7343	2000
	84 o-Xylene	106	6.845	6.845	(1.117)	109061	18.5032	1100
	85 Styrene	104	6.917	6.910	(1.129)	1534	0.13565	8.2(a)
	88 Isopropylbenzene	105	7.168	7.167	(1.169)	75709	5.40633	330

Data File: /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45634.d
Report Date: 31-Mar-2011 16:35

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
$	89 Bromofluorobenzene (SUR)	174	7.390	7.390	(0.890)	59051	13.1038	790
	95 n-Propylbenzene	91	7.540	7.533	(0.908)	122274	6.48227	390
	97 1,3,5-Trimethylbenzene	105	7.726	7.726	(0.931)	236970	18.0577	1100
	100 tert-Butylbenzene	119	7.963	7.963	(0.959)	3457	0.32759	20(a)
	101 1,2,4-Trimethylbenzene	105	8.027	8.027	(0.967)	831205	59.3065	3600
	103 sec-Butylbenzene	105	8.106	8.106	(0.977)	105210	6.82943	410
	105 1,3-Dichlorobenzene	146	8.235	8.235	(0.992)	38344	4.62413	280
*	108 1,4-Dichlorobenzene-d4	152	8.299	8.299	(1.000)	319563	50.0000	
	109 1,4-Dichlorobenzene	146	8.314	8.314	(1.002)	154006	18.0025	1100
	106 n-Butylbenzene	91	8.550	8.550	(1.030)	108781	8.70305	530
	111 1,2-Dichlorobenzene	146	8.614	8.614	(1.038)	73511	9.37903	570
	114 1,2,4-Trichlorobenzene	180	9.689	9.689	(1.167)	267620	50.8383	3100
	116 Naphthalene	128	9.904	9.904	(1.193)	2858037	253.522	15000
	117 1,2,3-Trichlorobenzene	180	10.033	10.033	(1.209)	111517	25.1369	1500
M	120 1,2-Dichloroethene (Total)	100				1989	0.68327	41(a)
M	121 Xylene (Total)	100				321463	52.2375	3200

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45634.d
Report Date: 31-Mar-2011 16:35

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45634.d
Lab Smp Id: 460-24280-D-16-A Client Smp ID: PMP-2-SI-E (10.5-11
Inj Date : 31-MAR-2011 15:13
Operator : Inst ID: VOAMS13.i
Smp Info : 460-24280-D-16-A;200;;18.93;5
Misc Info : 460-24280-D-16-A
Comment   :
Method   : /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/8260_09.m
Meth Date : 31-Mar-2011 12:56 desais Quant Type: ISTD
Cal Date : 03-MAR-2011 04:37 Cal File: p44665.d
Als bottle: 9
Dil Factor: 200.00000
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	200.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	18.93000	Weight of sample extracted (g)
M	12.80788	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 108 1,4-Dichlorobenzene-d4	8.299	2655757	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Ethylmethylbenzene isomer					CAS #:		
7.633	1640731	30.8900833	1900	0		0	108
Trimethylbenzene isomer					CAS #:		
8.357	1302390	24.5201324	1500	0		0	108(L)

Data File: /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45634.d
Report Date: 31-Mar-2011 16:35

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Indane					CAS #: 496-11-7		
8.435	1482610	27.9131212	1700	83	NIST02.l	8673	108(L)
Indene					CAS #: 95-13-6		
8.679	3613860	68.0382143	4100	95	NIST02.l	8168	108
Ethyldimethylbenzene isomer					CAS #:		
8.758	1680696	31.6424893	1900	0		0	108
Tetramethylbenzene isomer					CAS #:		
9.137	1156362	21.7708566	1300	0		0	108(L)
C10H12 Aromatic					CAS #:		
9.273	1844429	34.7251081	2100	0		0	108
C10H12 Aromatic-1					CAS #:		
9.395	2227124	41.9301184	2500	0		0	108
Tetramethylbenzene isomer-1					CAS #:		
9.424	1944923	36.6171010	2200	0		0	108
Tetrahydronaphthalene isomer					CAS #:		
9.488	1701964	32.0429160	1900	0		0	108
Coeluting Aromatics					CAS #:		
9.660	1354406	25.4994331	1500	0		0	108(ML)
2,3-dihydro-dimethyl-1H-Indene isomer					CAS #:		
9.710	1649532	31.0557708	1900	0		0	108
2,3-dihydro-dimethyl-1H-Indene isomer-1					CAS #:		
10.169	2320530	43.6886742	2600	0		0	108
Tetrahydrodimethylnaphthalene isomer					CAS #:		
10.506	1673839	31.5133988	1900	0		0	108
Naphthalene, 2-methyl-					CAS #: 91-57-6		
10.634	6715672	126.436106	7700	96	NIST02.l	18501	108(L)
Naphthalene, 1-methyl-					CAS #: 90-12-0		
10.735	3123408	58.8044739	3600	94	NIST02.l	18499	108(L)
Dimethylnaphthalene isomer					CAS #:		
11.279	2105916	39.6481282	2400	0		0	108

Data File: /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45634.d
Report Date: 31-Mar-2011 16:35

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Dimethylnaphthalene isomer-1					CAS #:		
11.358	3072046	57.8374732	3500	0		0	108

QC Flag Legend

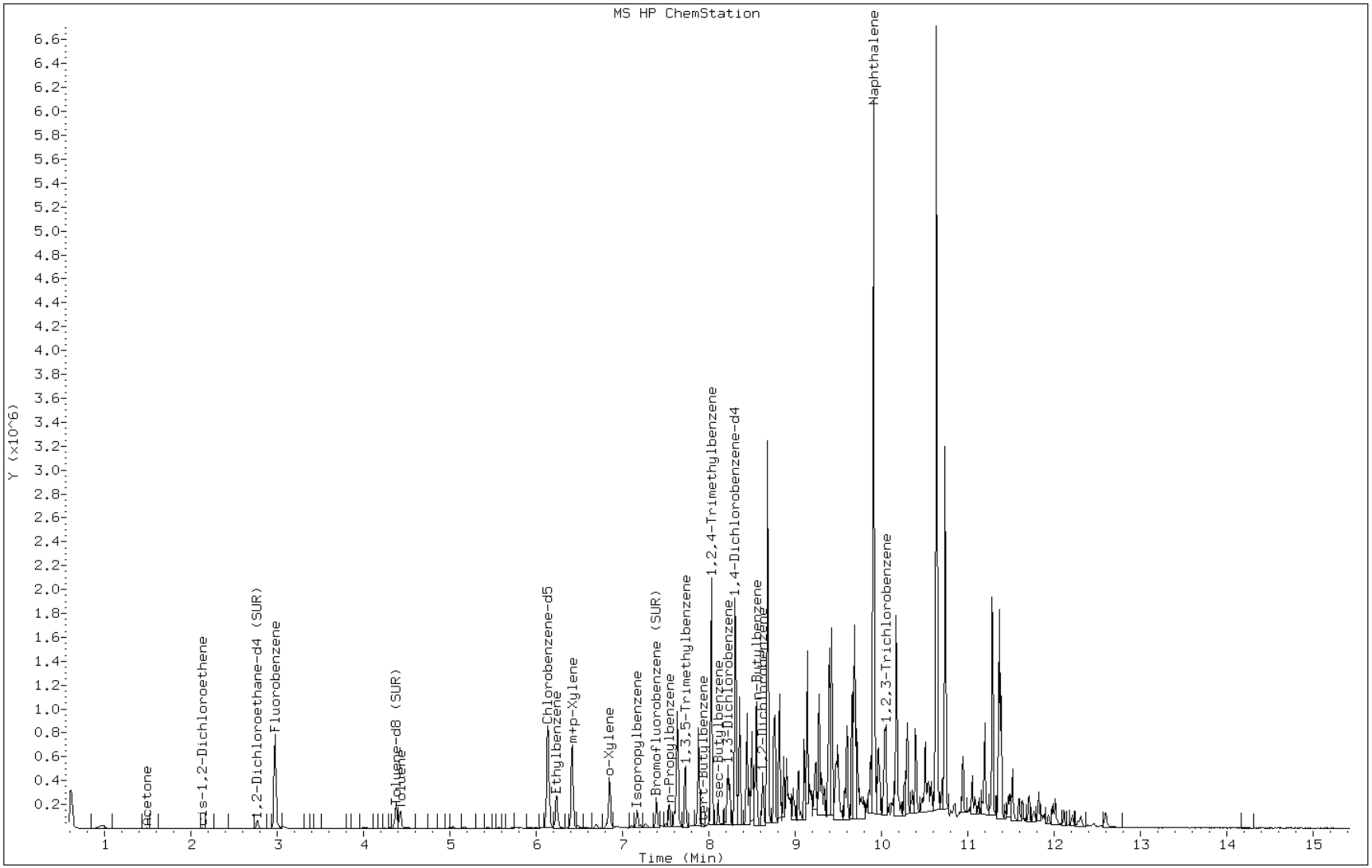
M - Compound response manually integrated.
L - Operator selected an alternate library search match.

Data File: p45634.d

Date: 31-MAR-2011 15:13

Client ID: PMP-2-SI-E (10.5-11 Instrument: VOAMS13.i

Sample Info: 460-24280-D-16-A;200;;18.93;5 Operator:



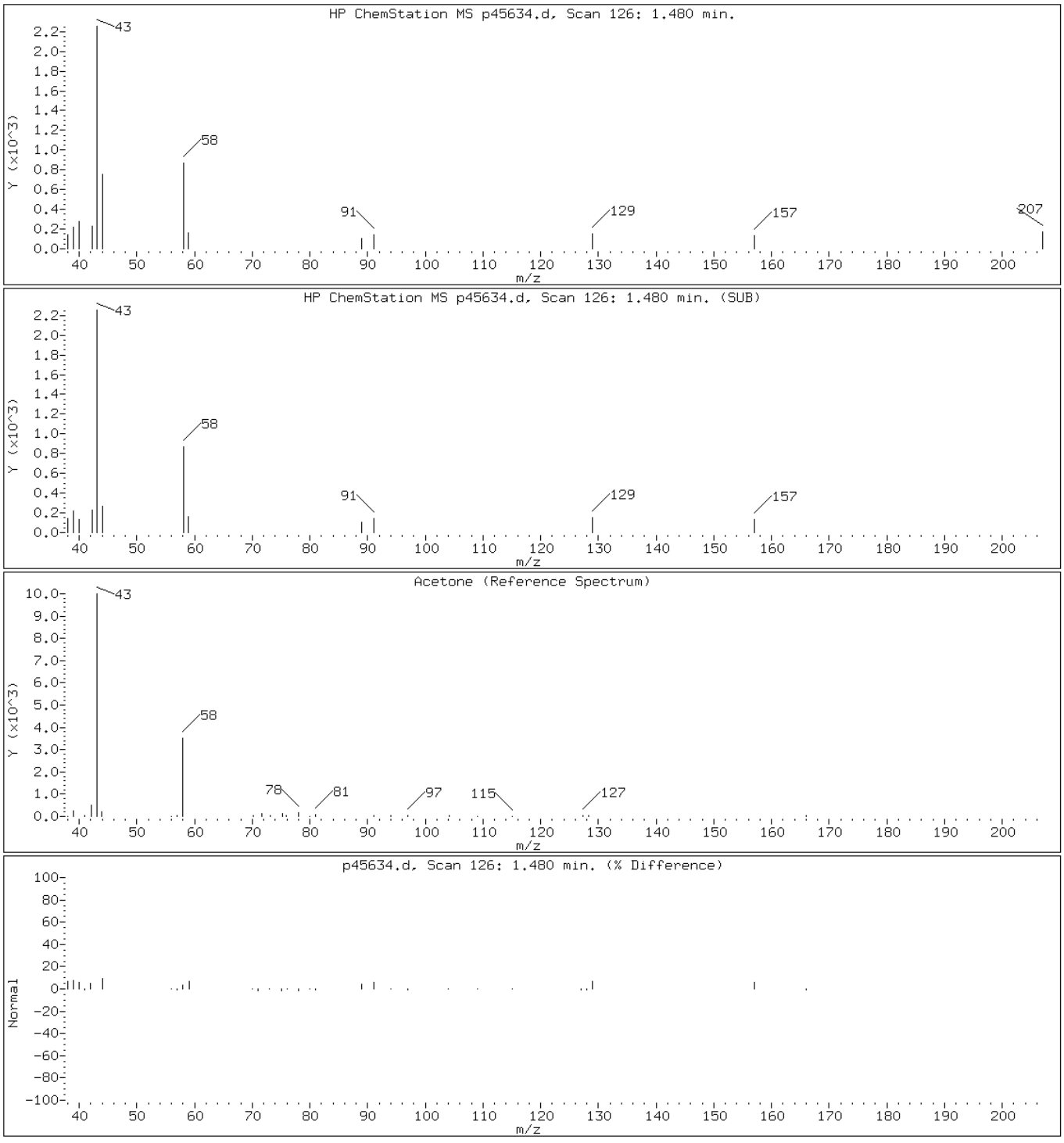
Data File: p45634.d

Date: 31-MAR-2011 15:13

Client ID: PMP-2-SI-E (10.5-11 Instrument: VOAMS13.i

Sample Info: 460-24280-D-16-A;200;;18.93;5 Operator:

16 Acetone



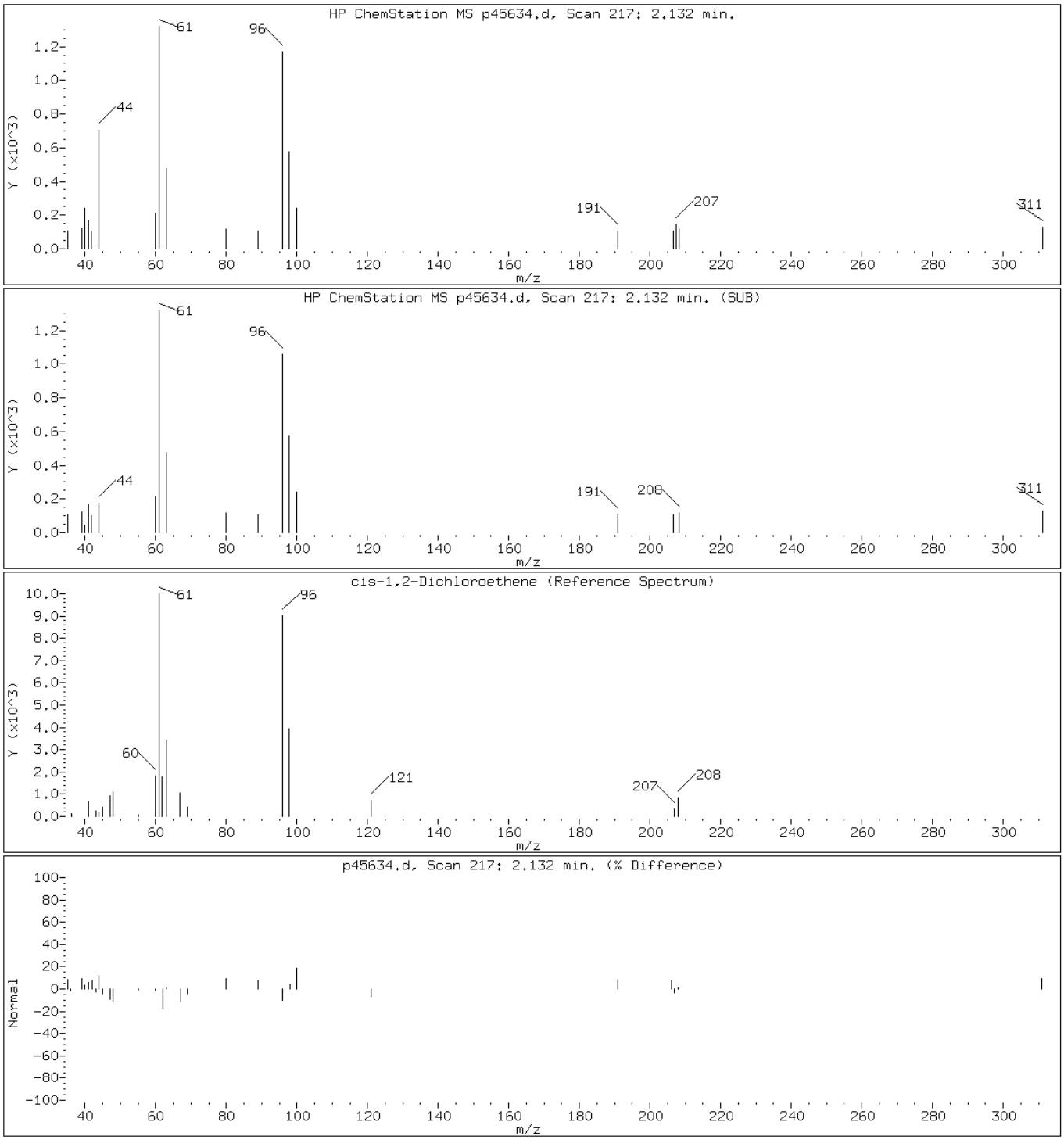
Data File: p45634.d

Date: 31-MAR-2011 15:13

Client ID: PMP-2-SI-E (10.5-11 Instrument: VOAMS13.i

Sample Info: 460-24280-D-16-A;200;;18.93;5 Operator:

36 cis-1,2-Dichloroethene



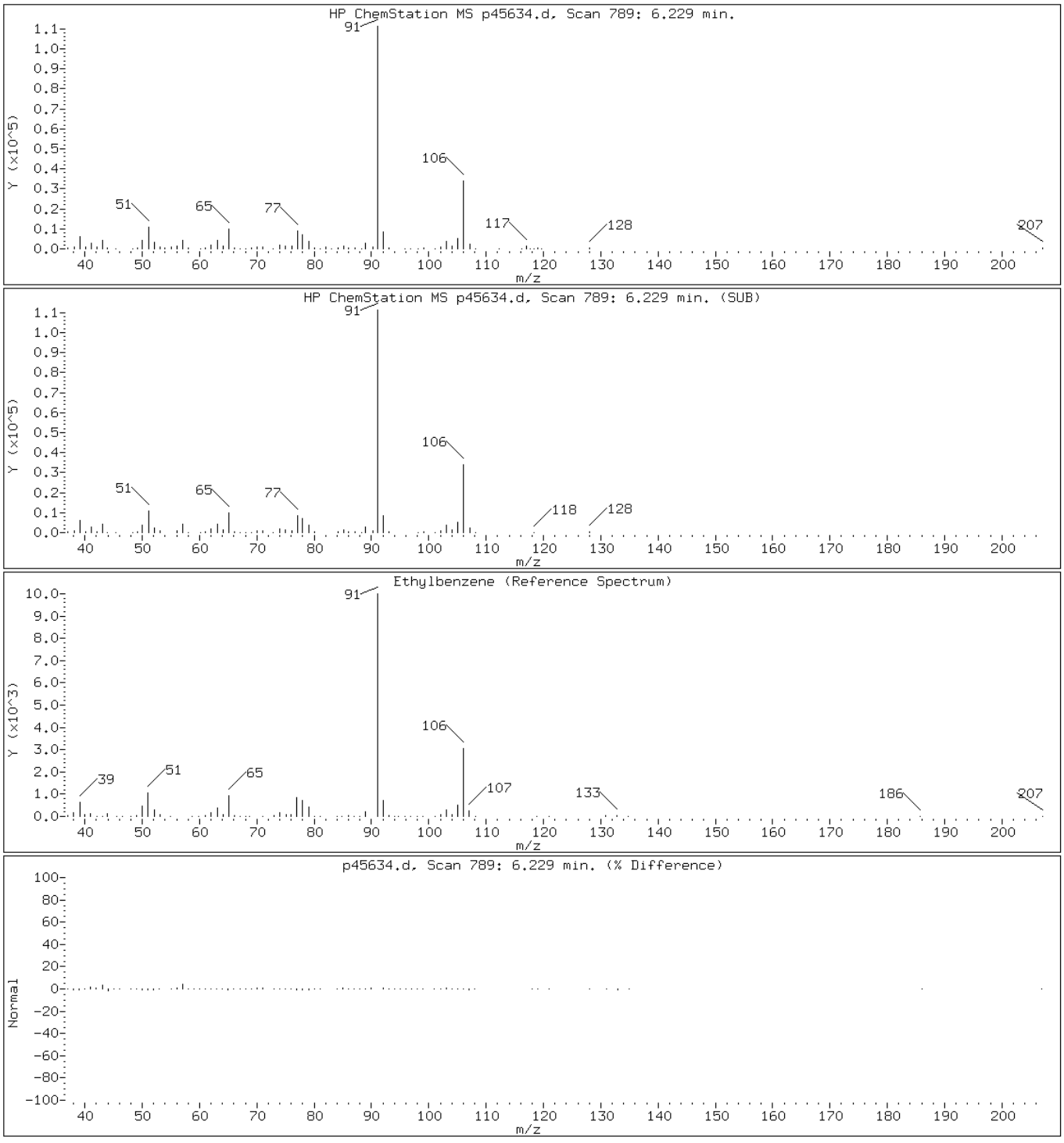
Data File: p45634.d

Date: 31-MAR-2011 15:13

Client ID: PMP-2-SI-E (10.5-11 Instrument: VOAMS13.i

Sample Info: 460-24280-D-16-A;200;;18.93;5 Operator:

81 Ethylbenzene



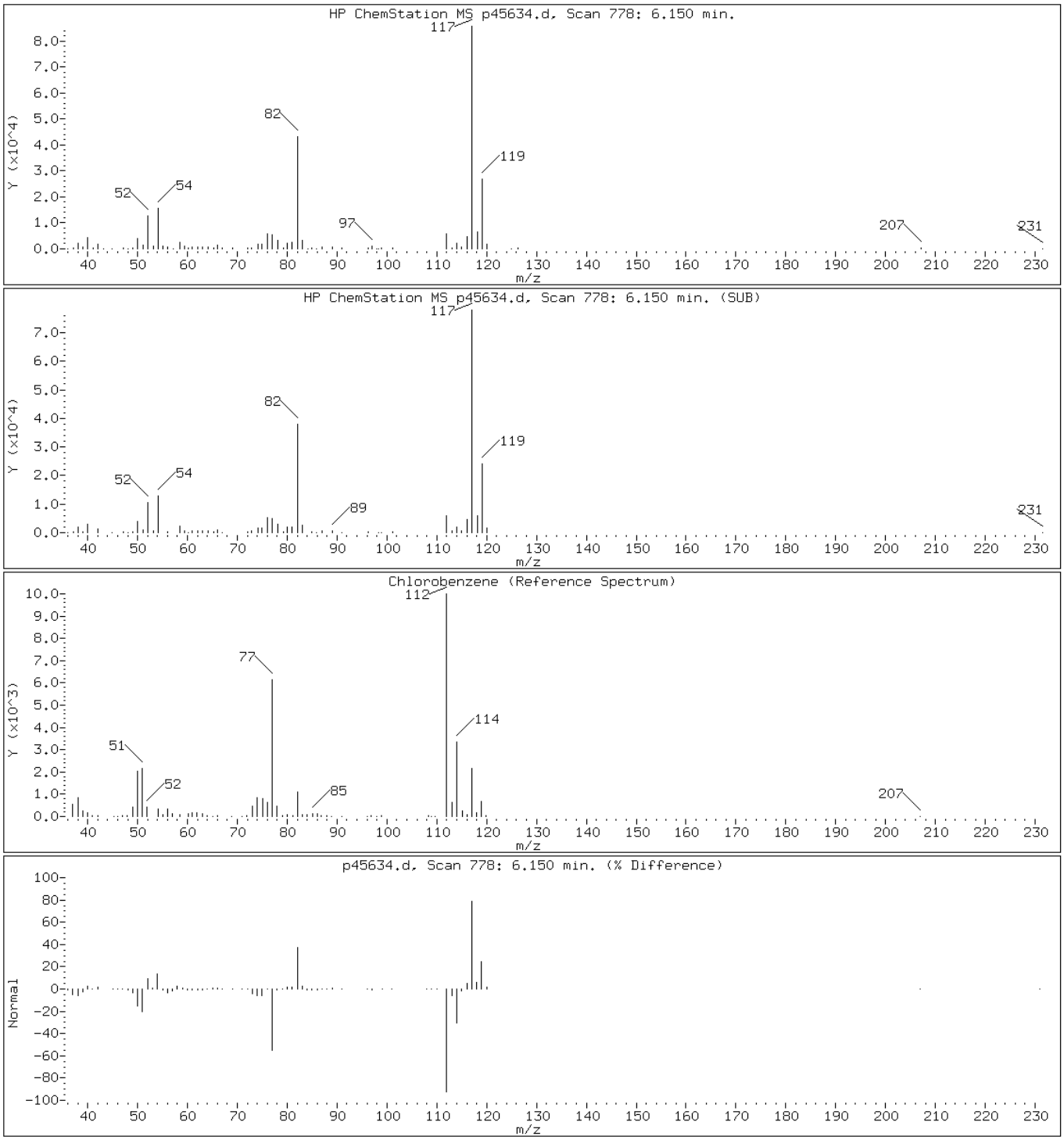
Data File: p45634.d

Date: 31-MAR-2011 15:13

Client ID: PMP-2-SI-E (10.5-11 Instrument: VOAMS13.i

Sample Info: 460-24280-D-16-A;200;;18.93;5 Operator:

79 Chlorobenzene



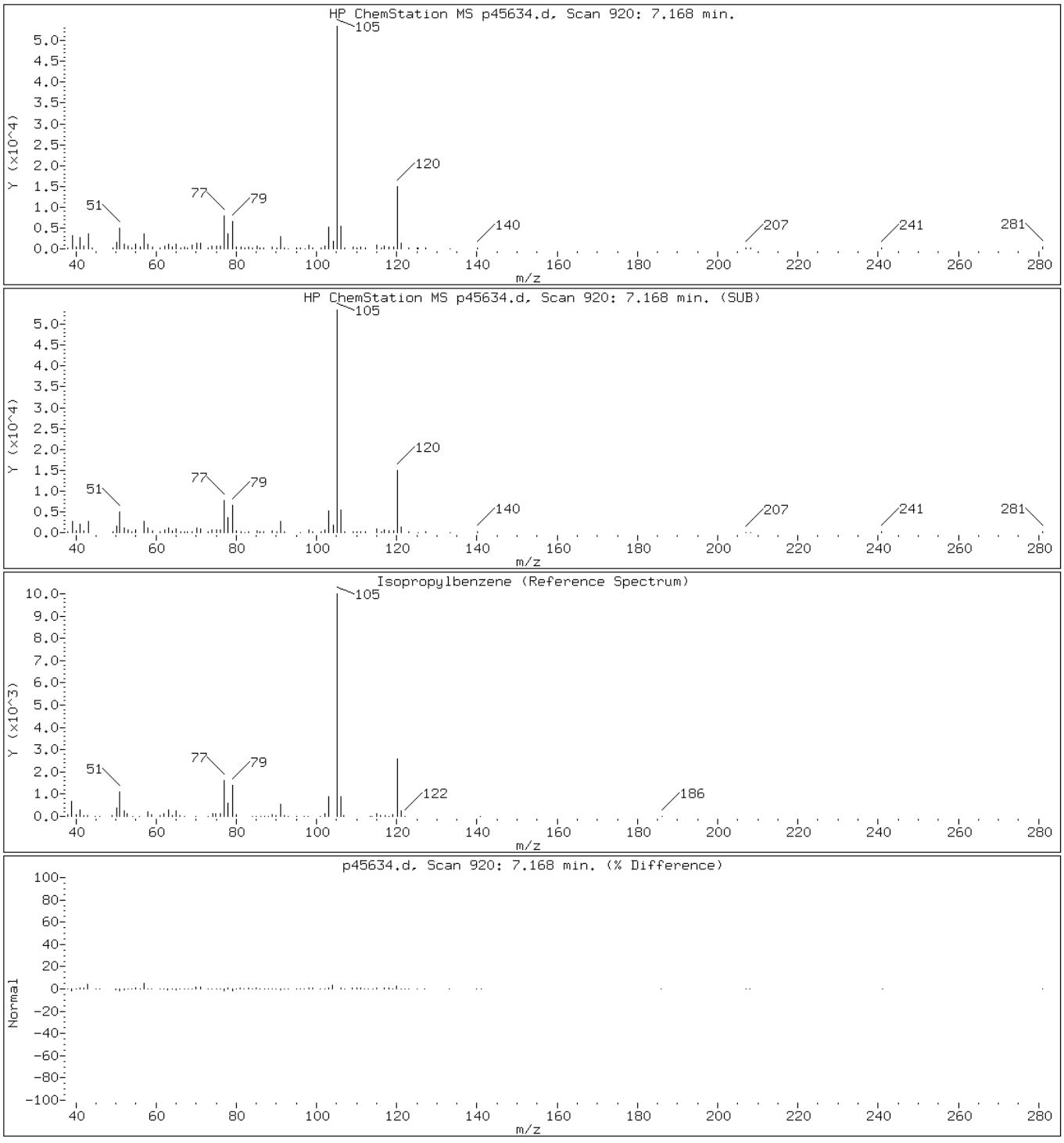
Data File: p45634.d

Date: 31-MAR-2011 15:13

Client ID: PMP-2-SI-E (10.5-11 Instrument: VOAMS13.i

Sample Info: 460-24280-D-16-A;200;;18.93;5 Operator:

88 Isopropylbenzene



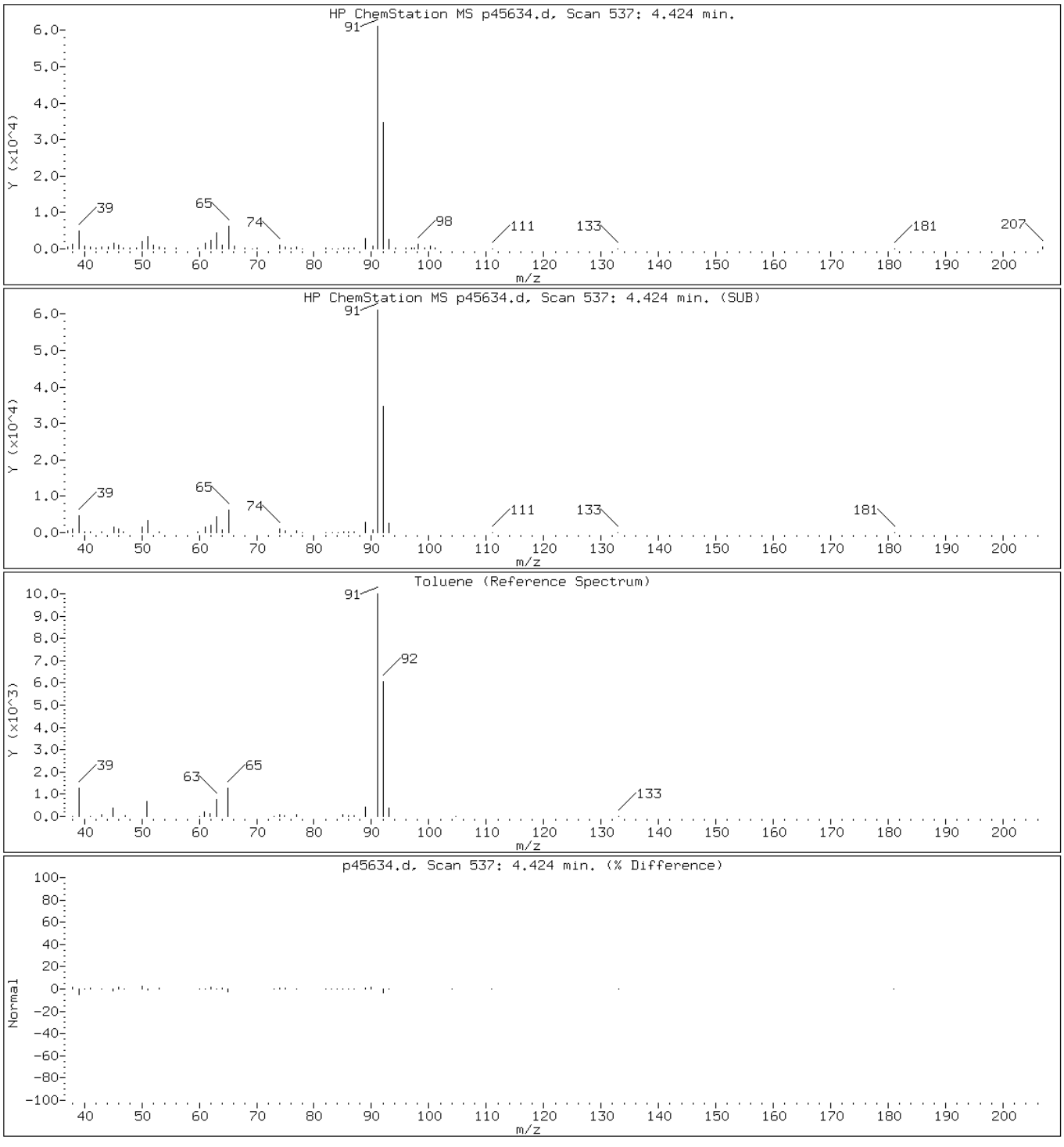
Data File: p45634.d

Date: 31-MAR-2011 15:13

Client ID: PMP-2-SI-E (10.5-11 Instrument: VOAMS13.i

Sample Info: 460-24280-D-16-A;200;;18.93;5 Operator:

66 Toluene



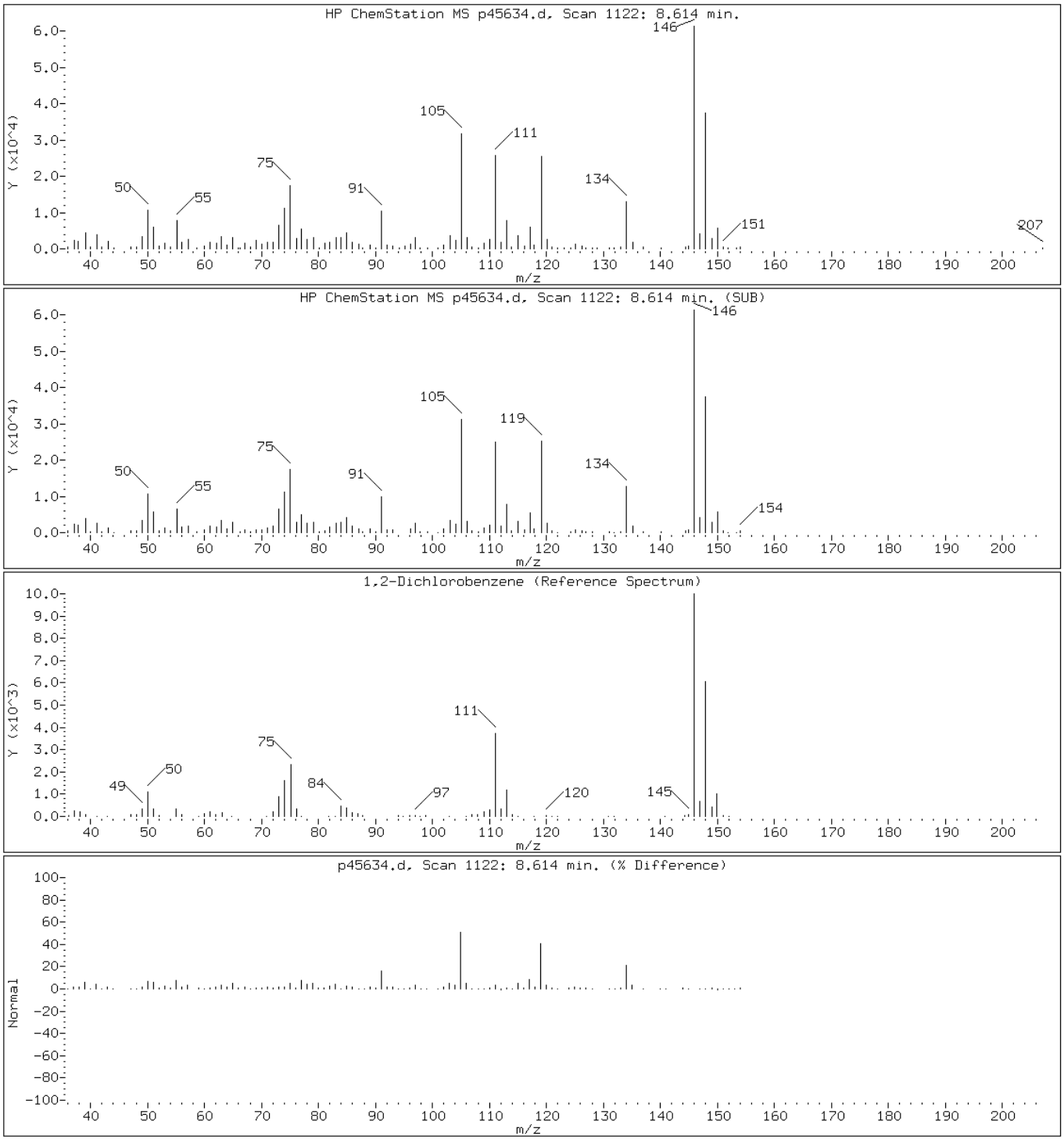
Data File: p45634.d

Date: 31-MAR-2011 15:13

Client ID: PMP-2-SI-E (10.5-11 Instrument: VOAMS13.i

Sample Info: 460-24280-D-16-A;200;;18.93;5 Operator:

111 1,2-Dichlorobenzene



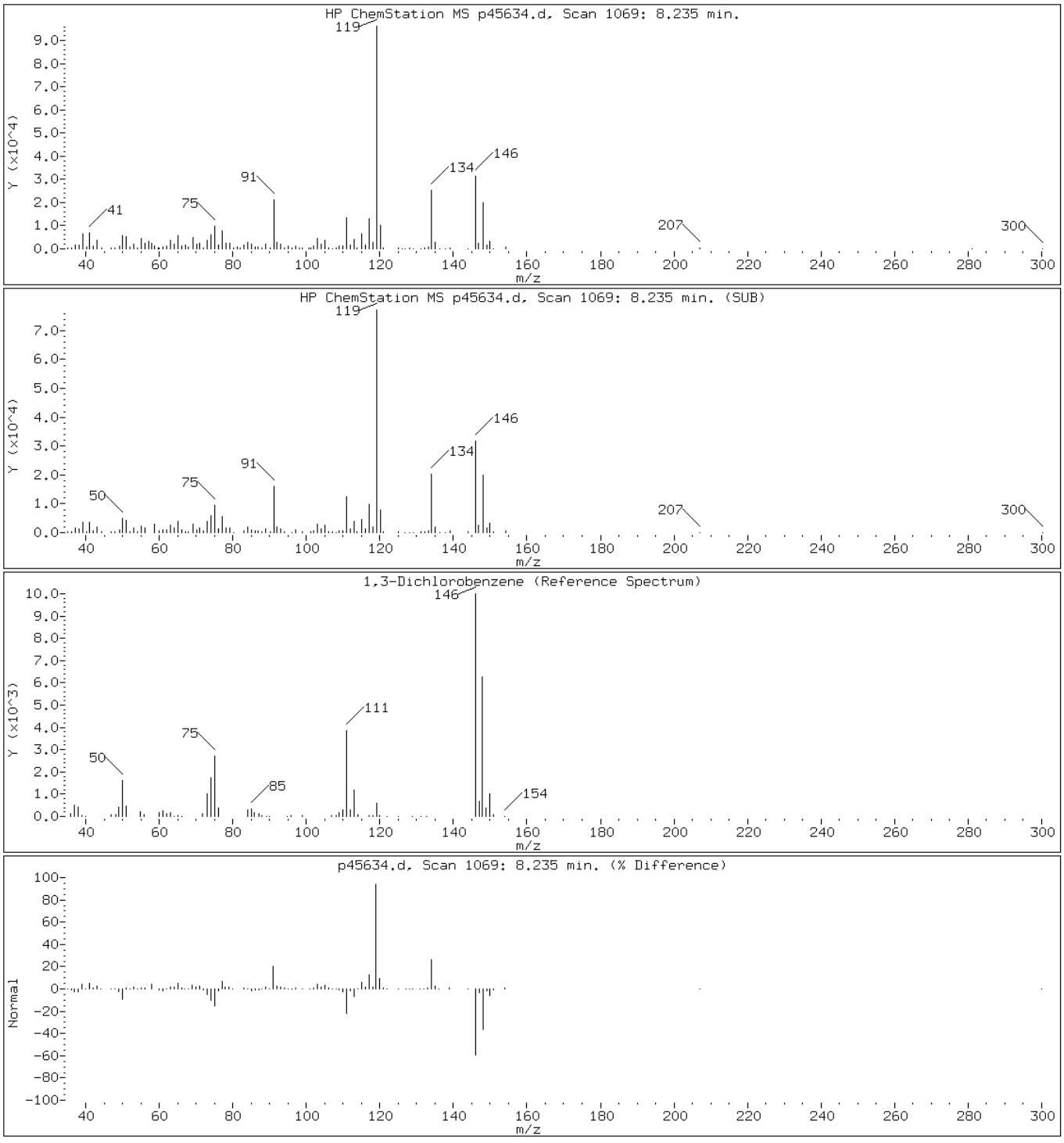
Data File: p45634.d

Date: 31-MAR-2011 15:13

Client ID: PMP-2-SI-E (10.5-11 Instrument: VOAMS13.i

Sample Info: 460-24280-D-16-A;200;;18.93;5 Operator:

105 1,3-Dichlorobenzene



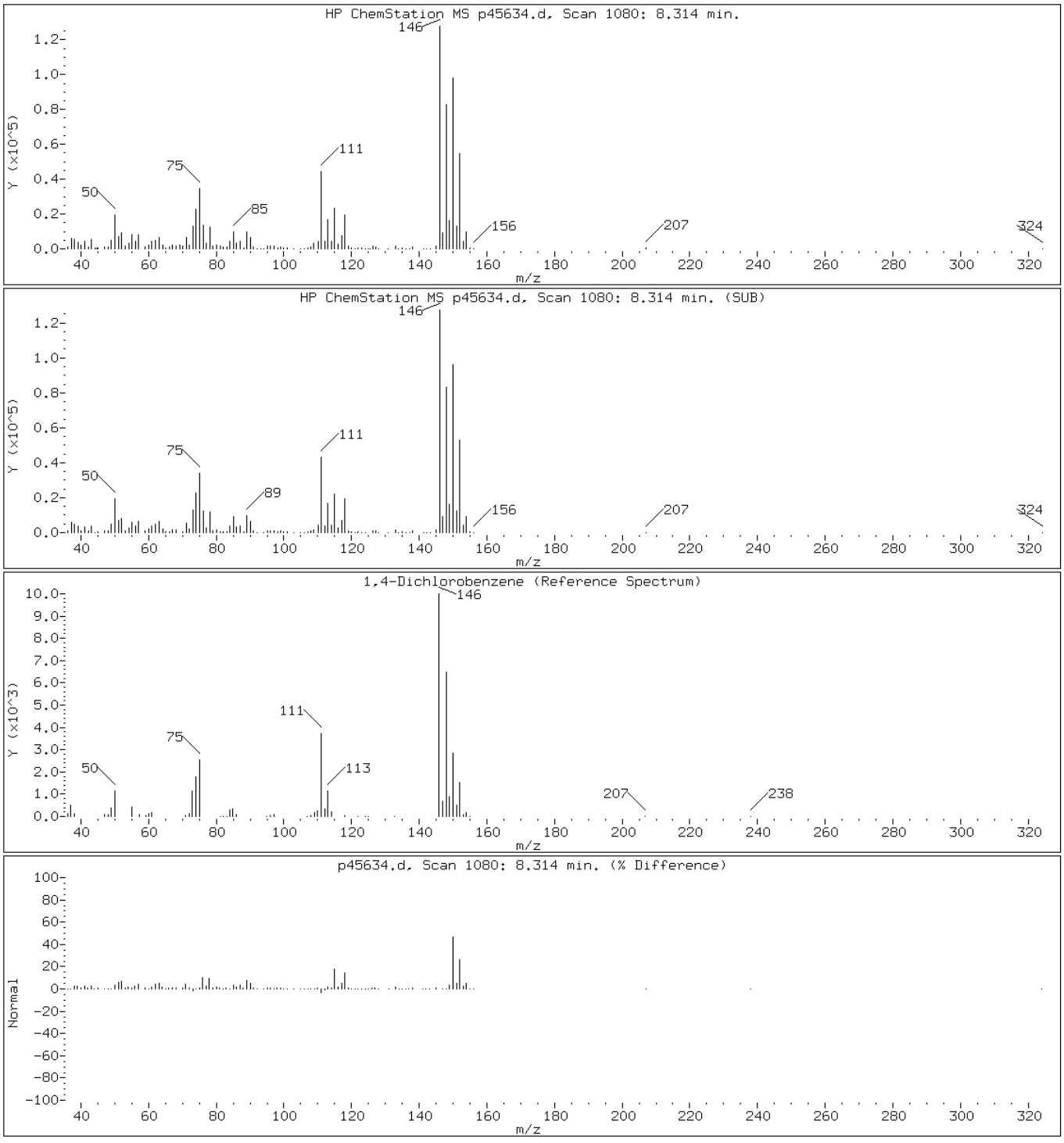
Data File: p45634.d

Date: 31-MAR-2011 15:13

Client ID: PMP-2-SI-E (10.5-11 Instrument: VOAMS13.i

Sample Info: 460-24280-D-16-A;200;;18.93;5 Operator:

109 1,4-Dichlorobenzene



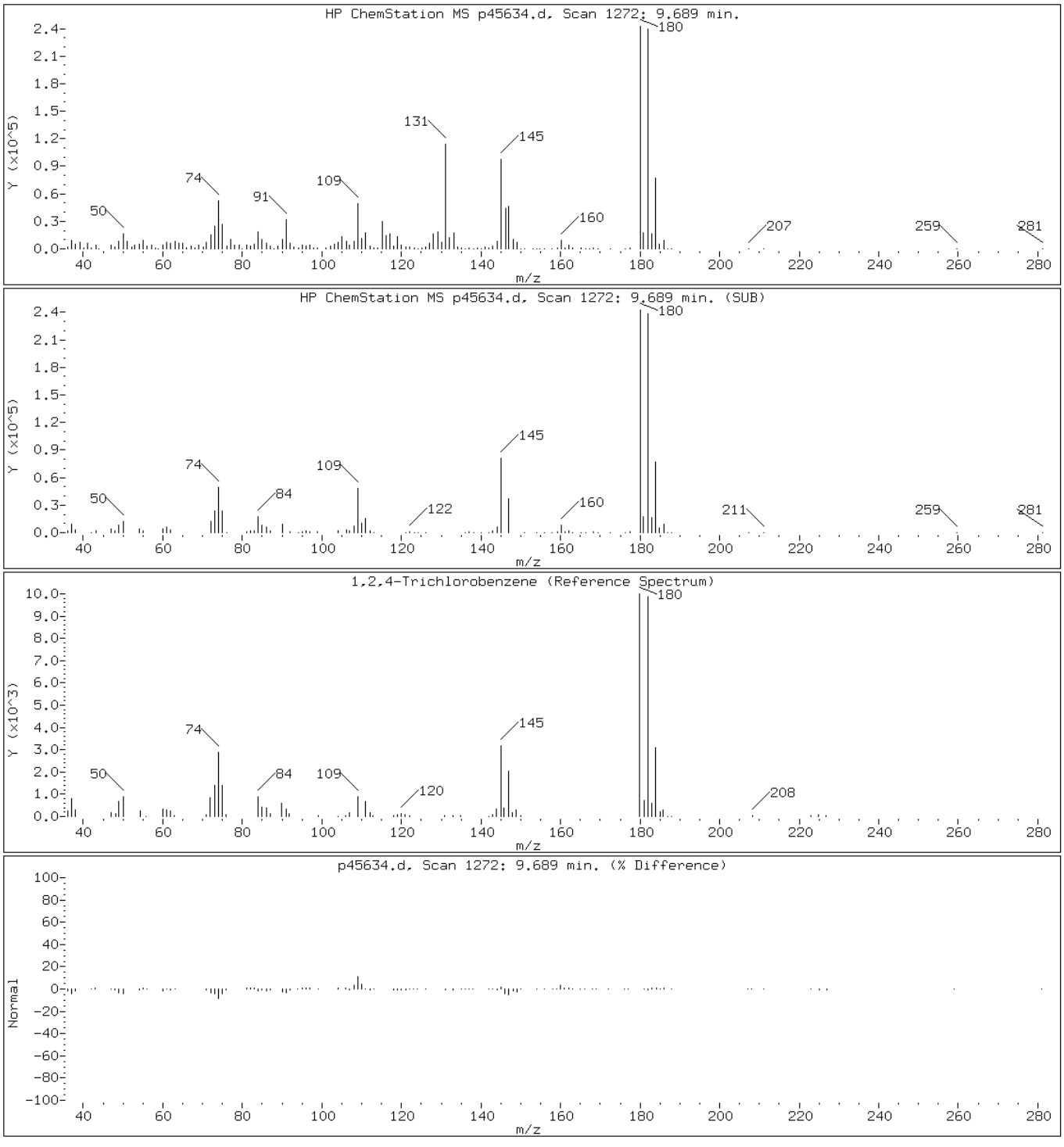
Data File: p45634.d

Date: 31-MAR-2011 15:13

Client ID: PMP-2-SI-E (10.5-11 Instrument: VOAMS13.i

Sample Info: 460-24280-D-16-A;200;;18.93;5 Operator:

114 1,2,4-Trichlorobenzene



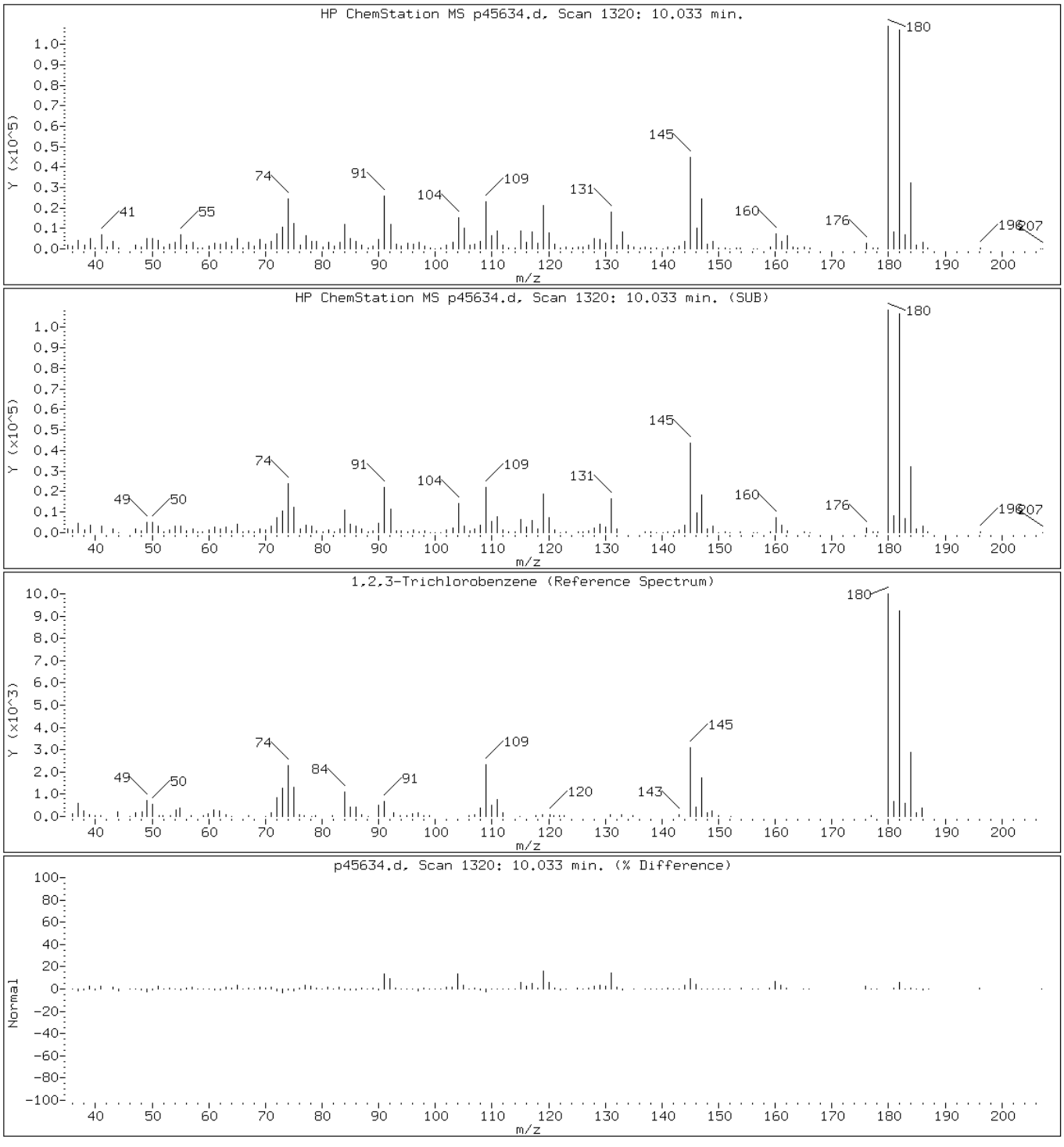
Data File: p45634.d

Date: 31-MAR-2011 15:13

Client ID: PMP-2-SI-E (10.5-11 Instrument: VOAMS13.i

Sample Info: 460-24280-D-16-A;200;;18.93;5 Operator:

117 1,2,3-Trichlorobenzene



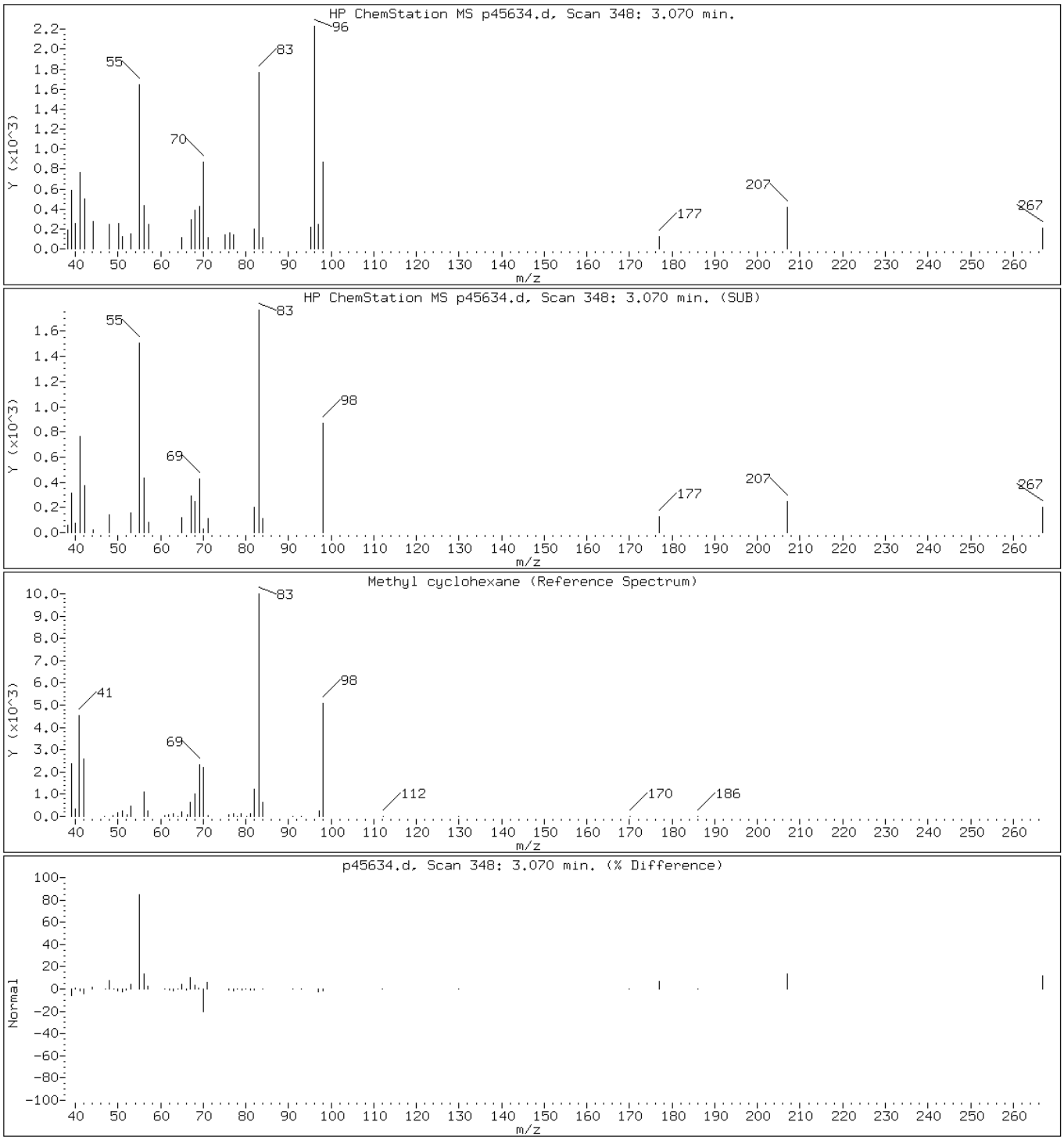
Data File: p45634.d

Date: 31-MAR-2011 15:13

Client ID: PMP-2-SI-E (10.5-11 Instrument: VOAMS13.i

Sample Info: 460-24280-D-16-A;200;;18.93;5 Operator:

56 Methyl cyclohexane



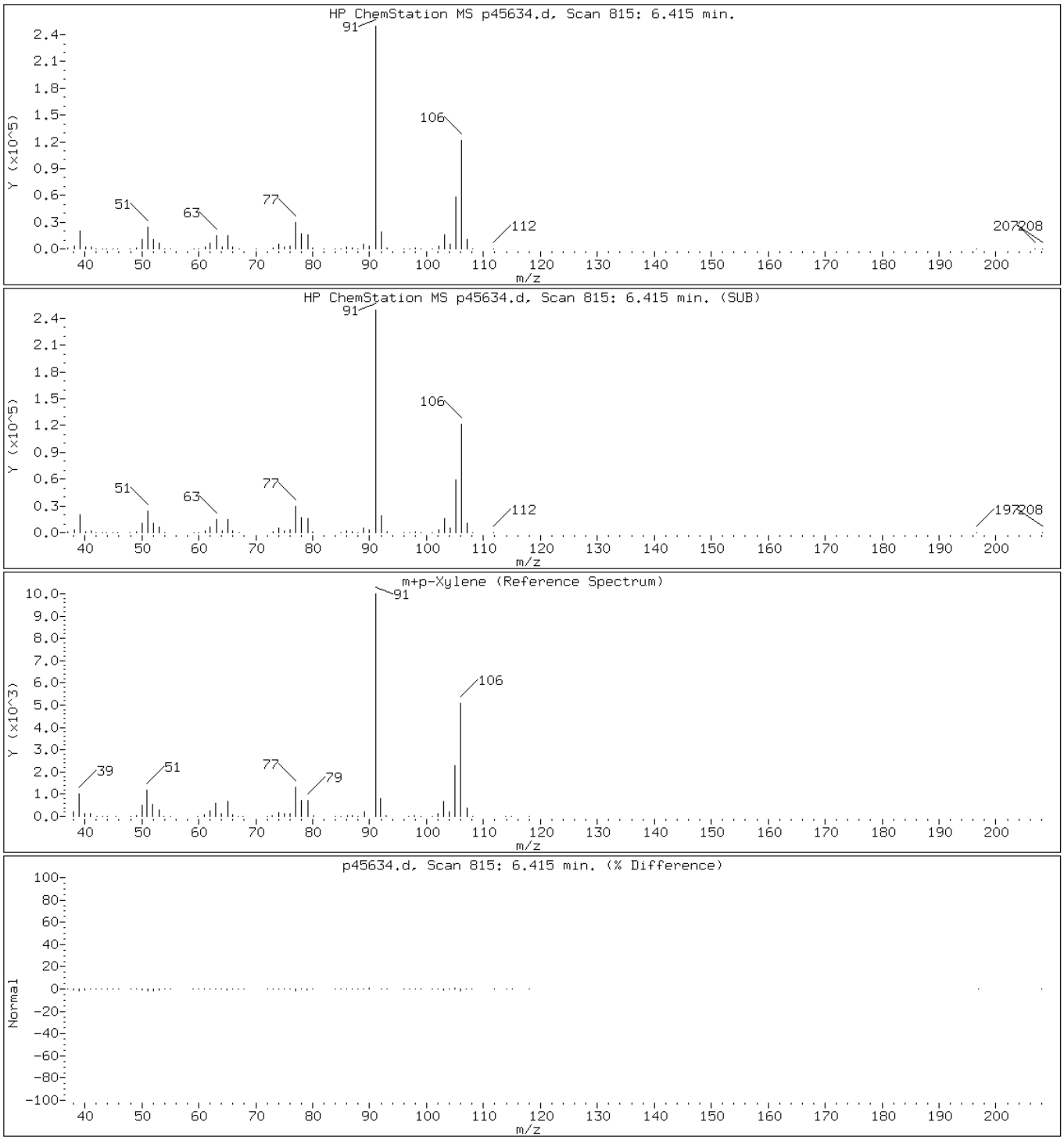
Data File: p45634.d

Date: 31-MAR-2011 15:13

Client ID: PMP-2-SI-E (10.5-11 Instrument: VOAMS13.i

Sample Info: 460-24280-D-16-A;200;;18.93;5 Operator:

82 m+p-Xylene



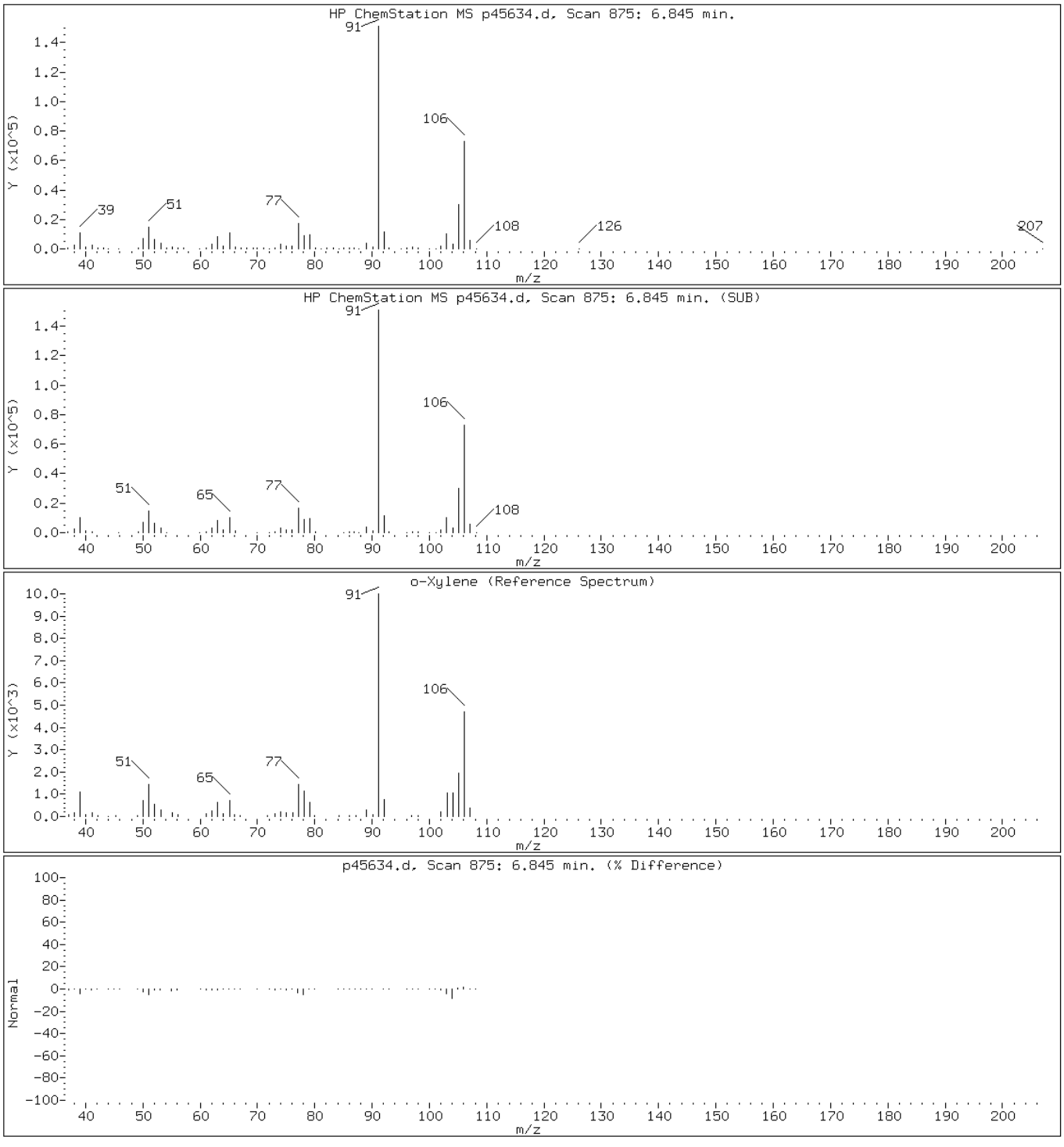
Data File: p45634.d

Date: 31-MAR-2011 15:13

Client ID: PMP-2-SI-E (10.5-11 Instrument: VOAMS13.i

Sample Info: 460-24280-D-16-A;200;;18.93;5 Operator:

84 o-Xylene



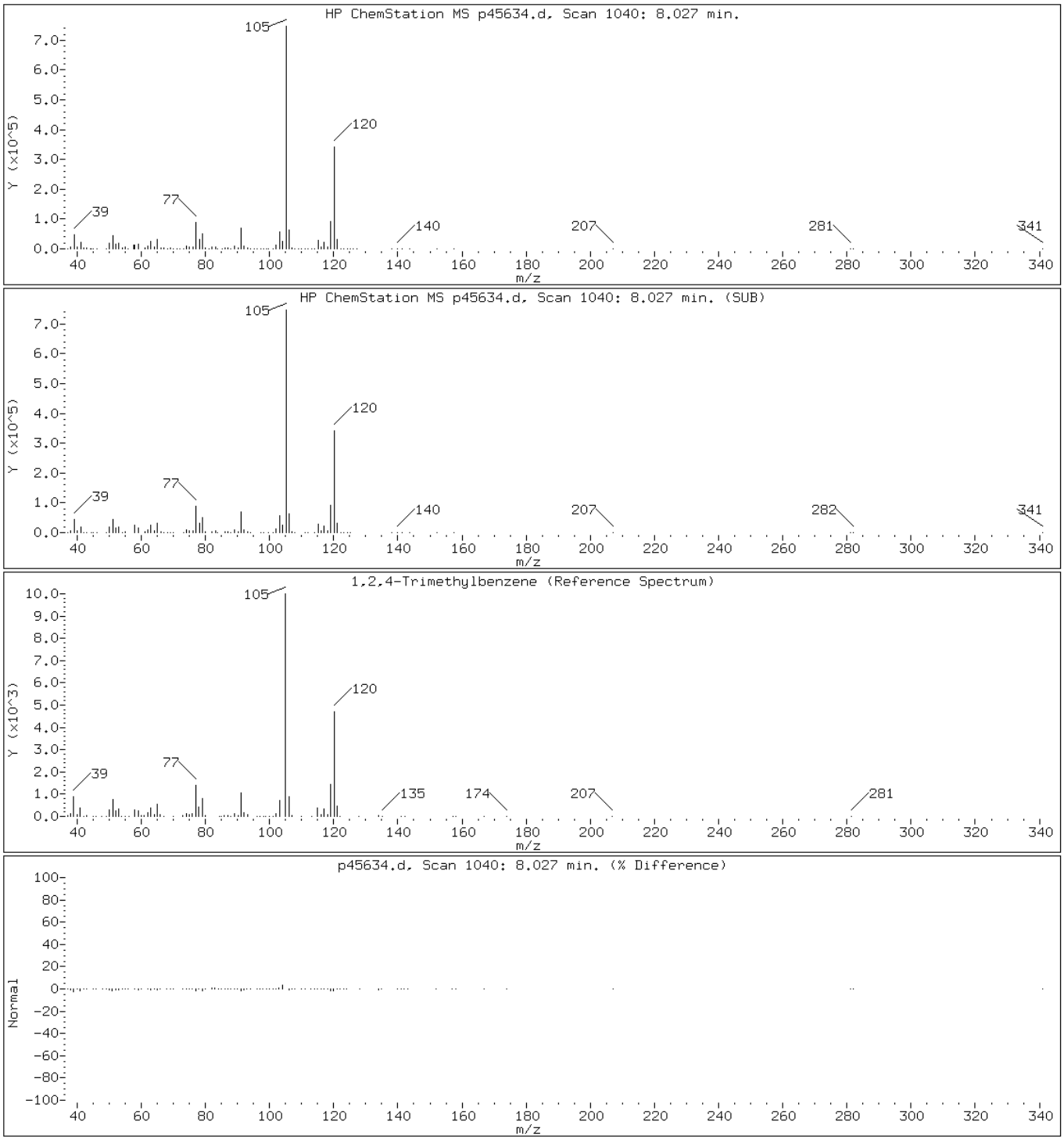
Data File: p45634.d

Date: 31-MAR-2011 15:13

Client ID: PMP-2-SI-E (10.5-11 Instrument: VOAMS13.i

Sample Info: 460-24280-D-16-A;200;;18.93;5 Operator:

101 1,2,4-Trimethylbenzene



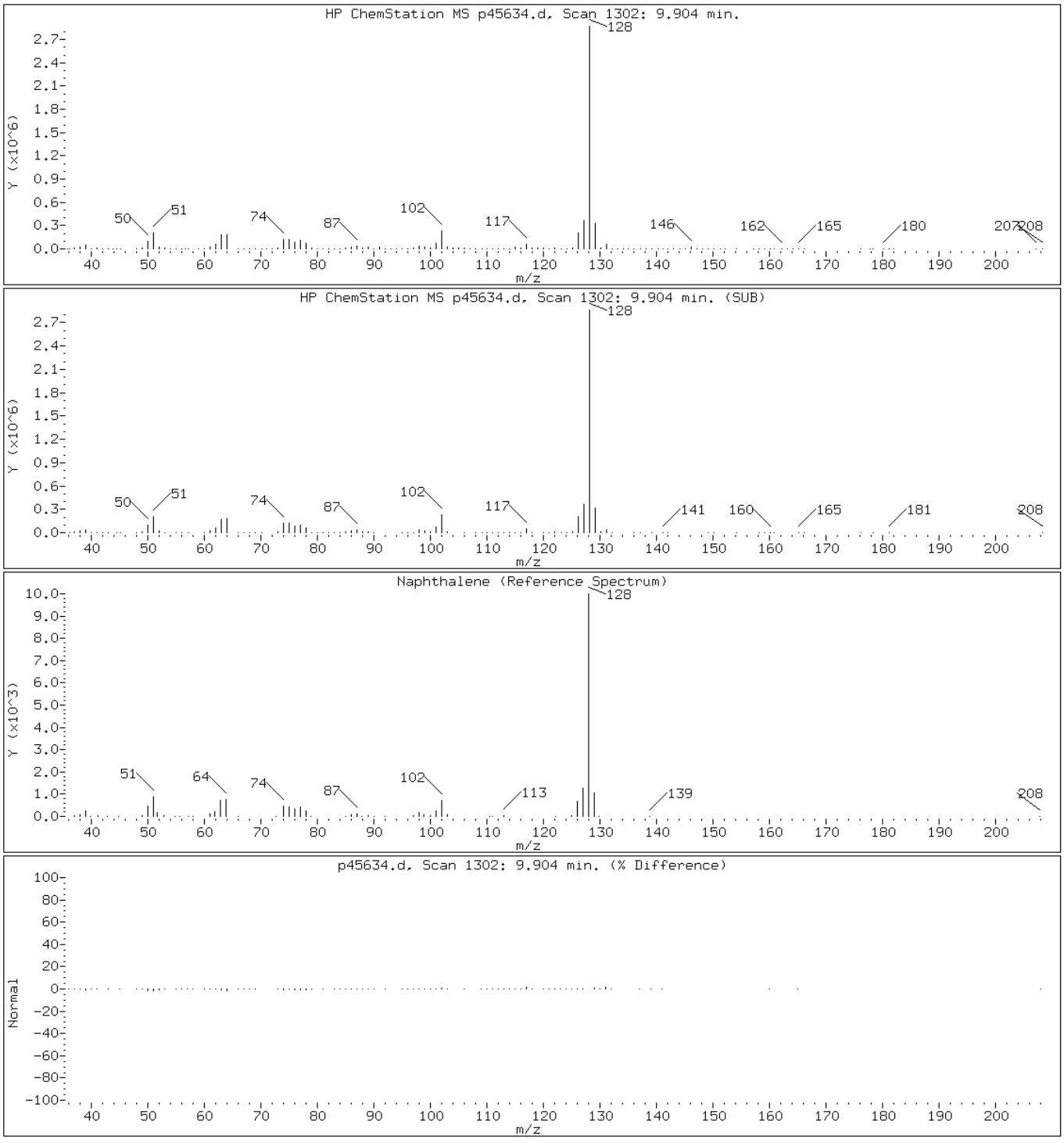
Data File: p45634.d

Date: 31-MAR-2011 15:13

Client ID: PMP-2-SI-E (10.5-11 Instrument: VOAMS13.i

Sample Info: 460-24280-D-16-A;200;;18.93;5 Operator:

116 Naphthalene



Data File: p45634.d

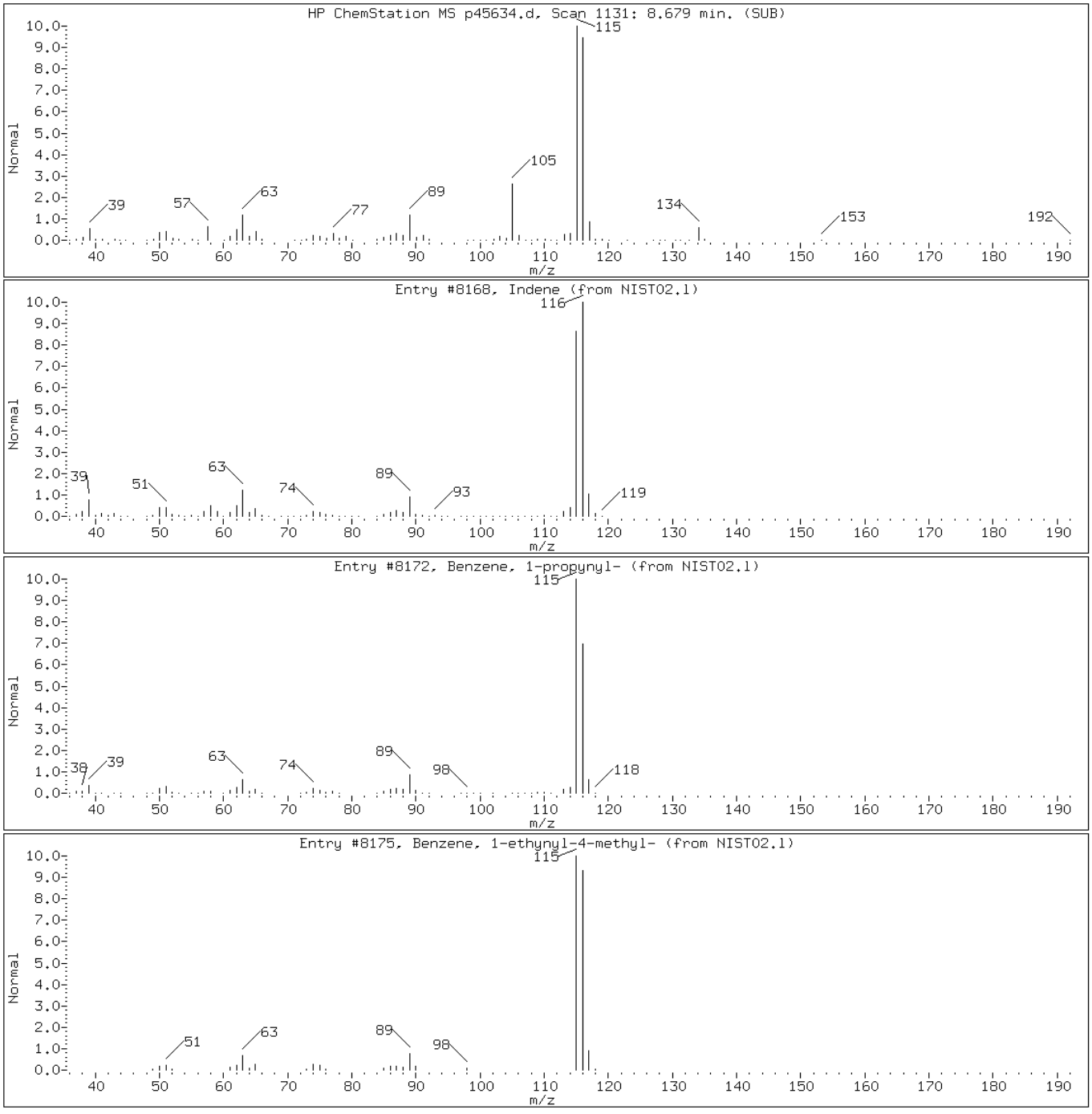
Date: 31-MAR-2011 15:13

Client ID: PMP-2-SI-E (10.5-11 Instrument: VOAMS13.i

Sample Info: 460-24280-D-16-A;200;;18.93;5 Operator:

Retention Time: 8.68

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Indene	95-13-6	NIST02.l	8168	95	C9H8	116
Benzene, 1-propynyl-	673-32-5	NIST02.l	8172	93	C9H8	116
Benzene, 1-ethynyl-4-methyl-	766-97-2	NIST02.l	8175	87	C9H8	116



Data File: p45634.d

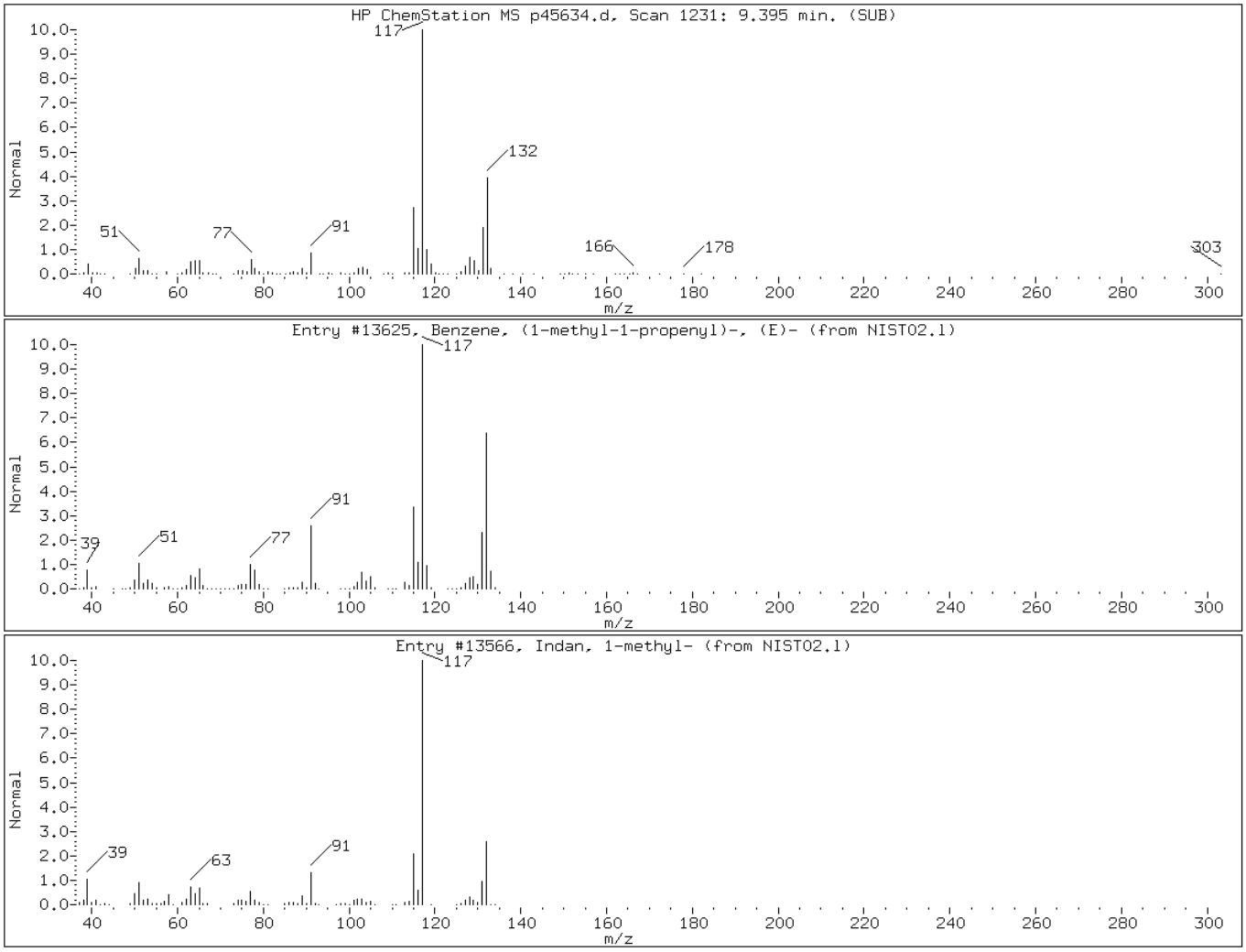
Date: 31-MAR-2011 15:13

Client ID: PMP-2-SI-E (10.5-11 Instrument: VOAMS13.i

Sample Info: 460-24280-D-16-A;200;;18.93;5 Operator:

Retention Time: 9.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12 Aromatic-1						
Benzene, (1-methyl-1-propenyl)-, (	768-00-3	NIST02.l	13625	91	C10H12	132
Indan, 1-methyl-	767-58-8	NIST02.l	13566	87	C10H12	132



Data File: p45634.d

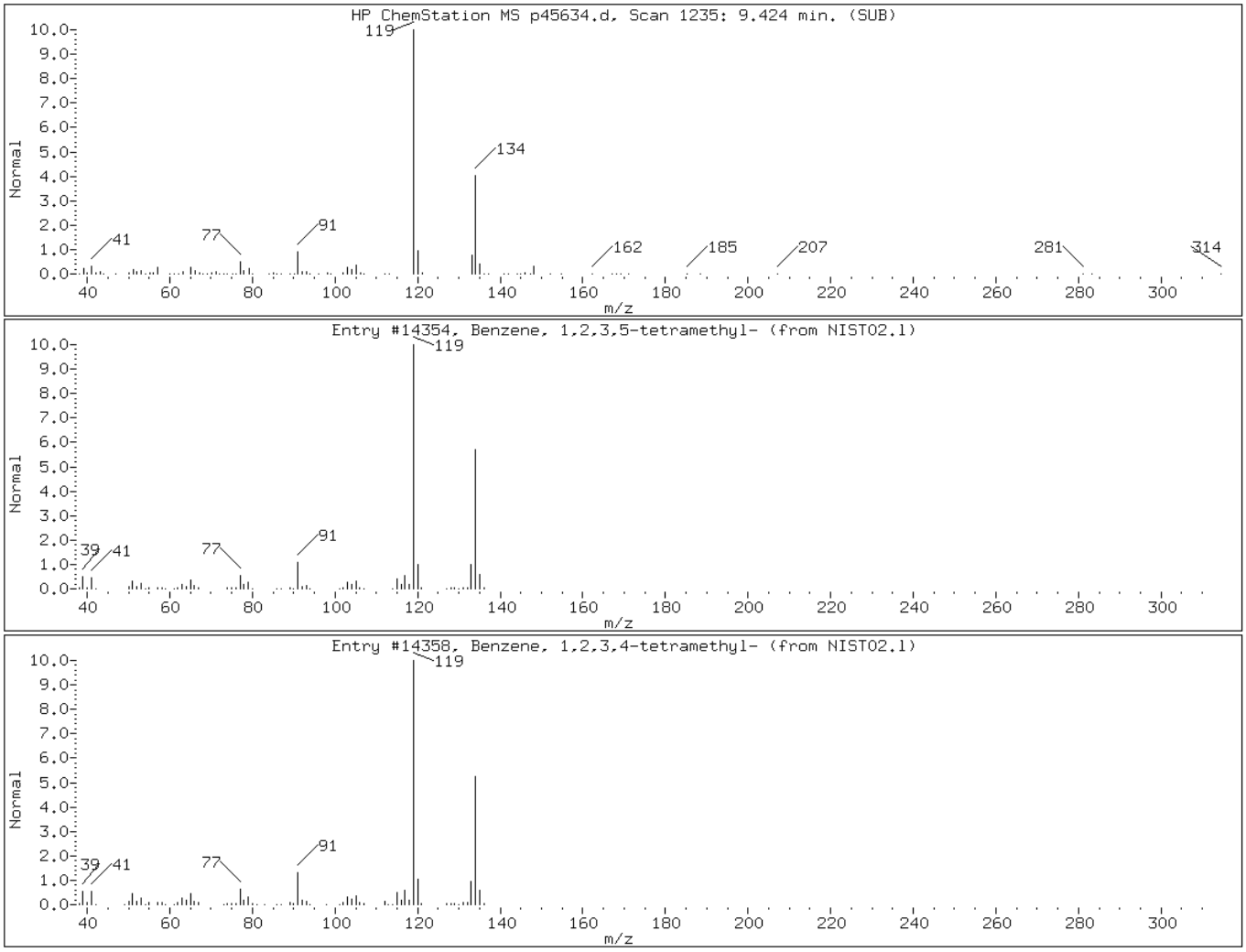
Date: 31-MAR-2011 15:13

Client ID: PMP-2-SI-E (10.5-11 Instrument: VOAMS13.i

Sample Info: 460-24280-D-16-A;200;;18.93;5 Operator:

Retention Time: 9.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer-1						
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14354	91	C10H14	134
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14358	91	C10H14	134



Data File: p45634.d

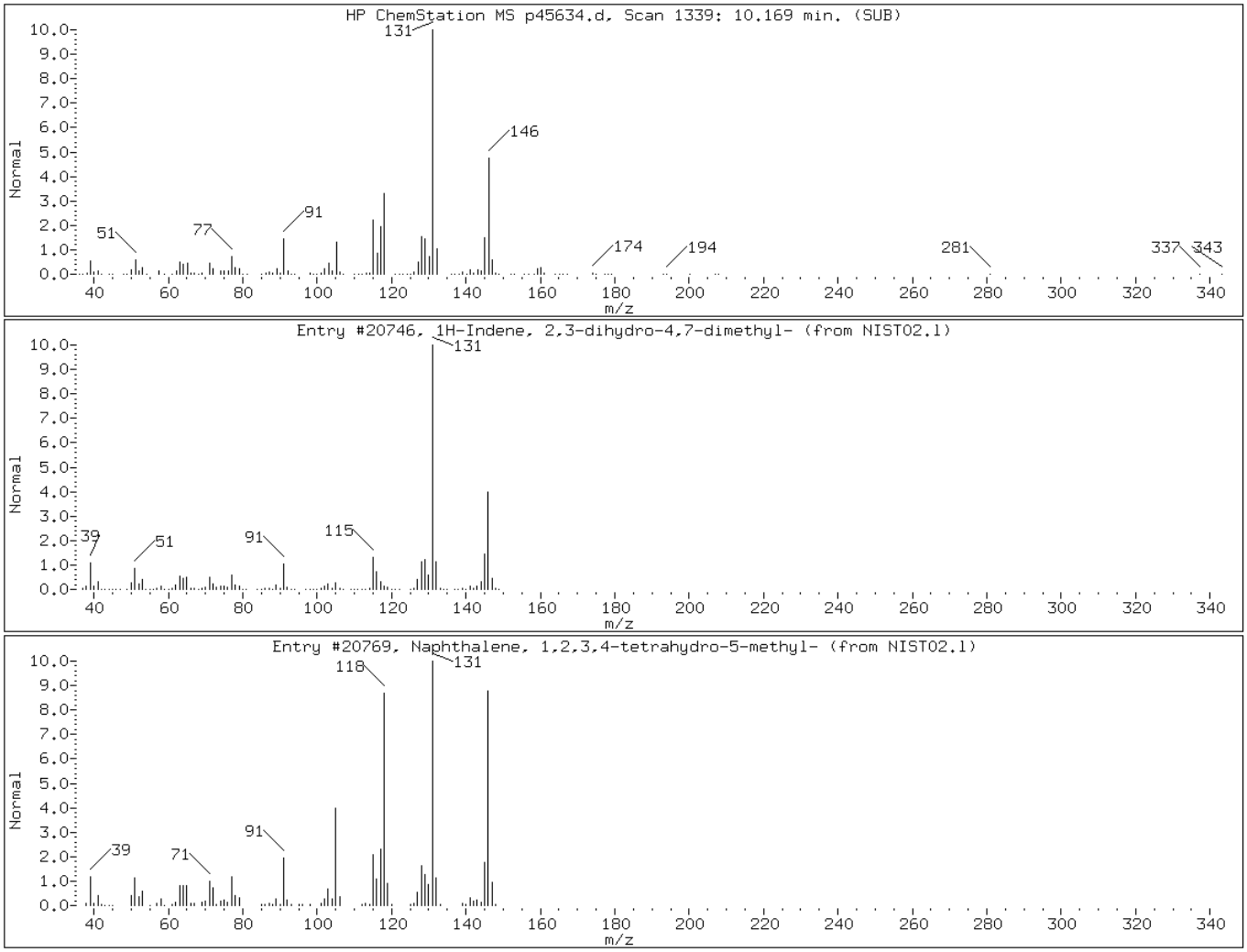
Date: 31-MAR-2011 15:13

Client ID: PMP-2-SI-E (10.5-11 Instrument: VOAMS13.i

Sample Info: 460-24280-D-16-A;200;;18.93;5 Operator:

Retention Time: 10.17

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	96	C11H14	146
Naphthalene, 1,2,3,4-tetrahydro-5-	2809-64-5	NIST02.l	20769	91	C11H14	146



Data File: p45634.d

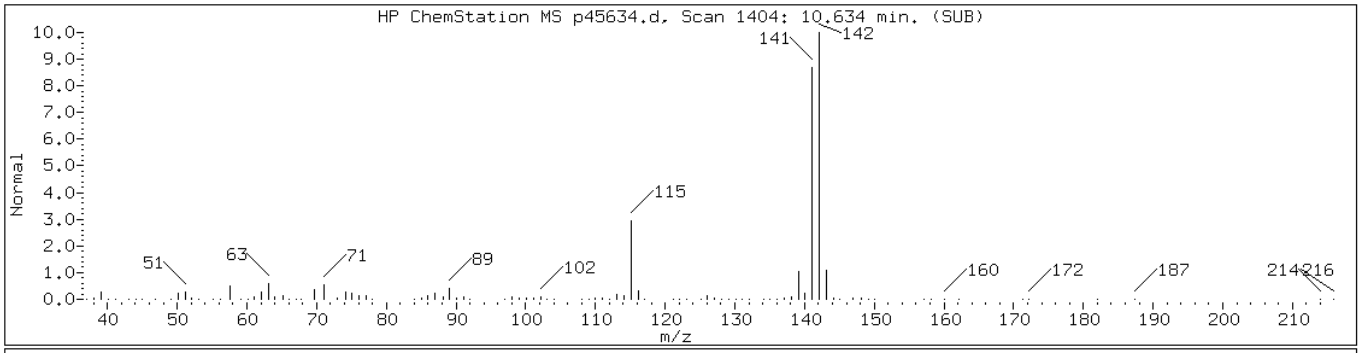
Date: 31-MAR-2011 15:13

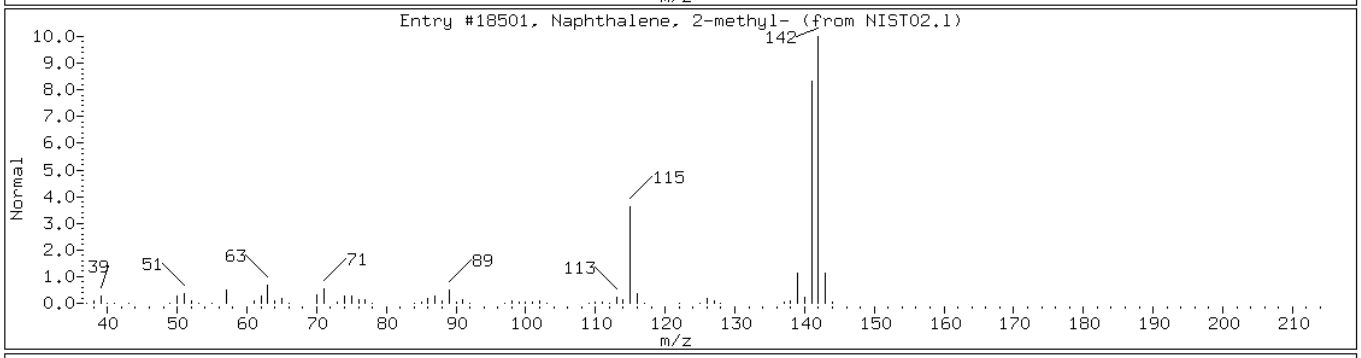
Client ID: PMP-2-SI-E (10.5-11 Instrument: VOAMS13.i

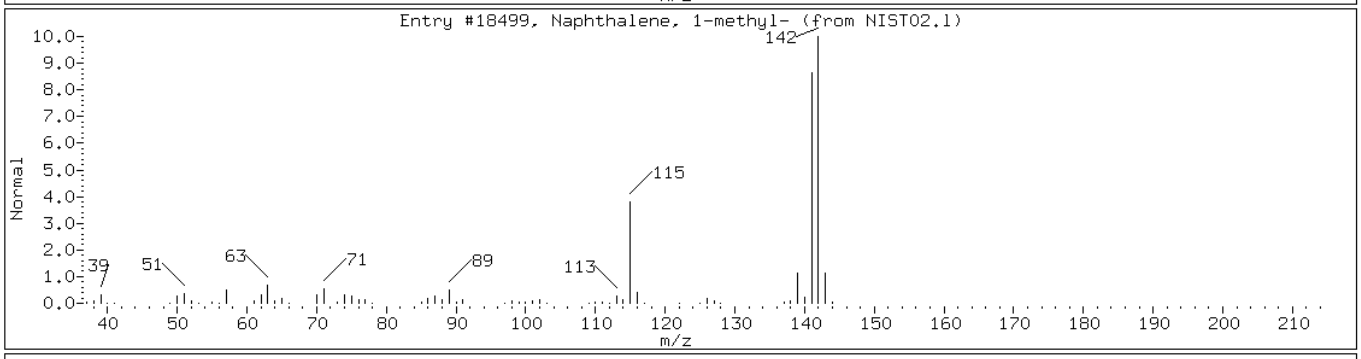
Sample Info: 460-24280-D-16-A;200;;18.93;5 Operator:

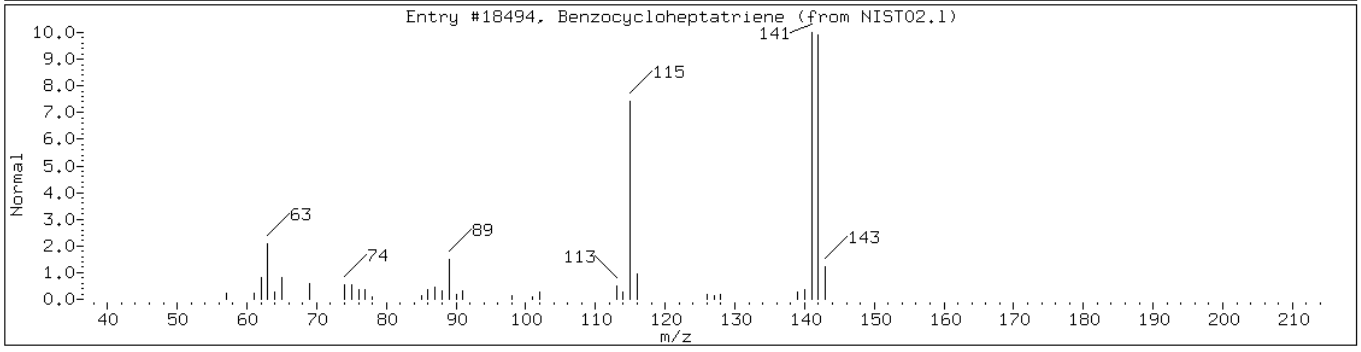
Retention Time: 10.63

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
Benzocycloheptatriene	264-09-5	NIST02.l	18494	91	C11H10	142









Data File: p45634.d

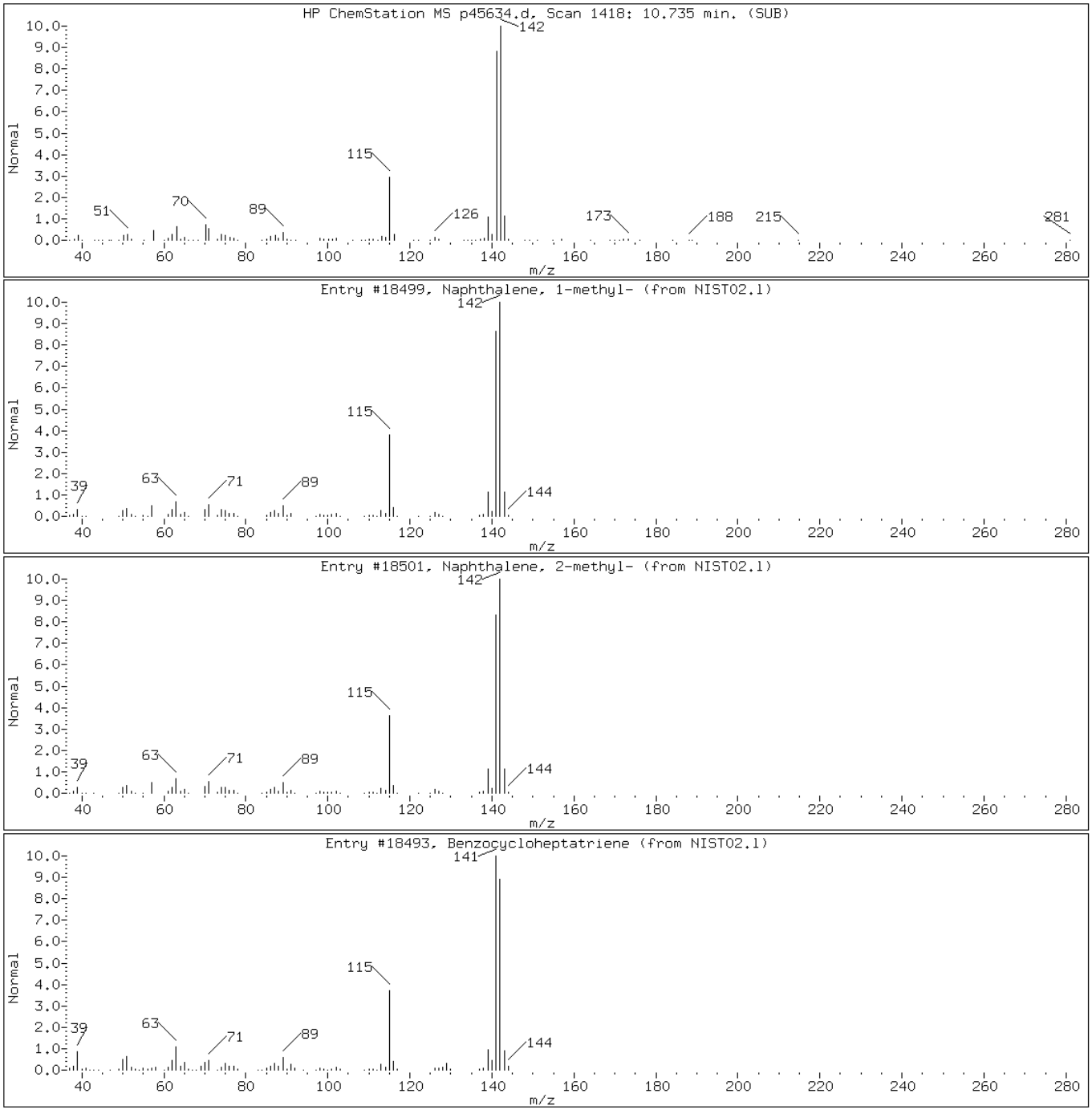
Date: 31-MAR-2011 15:13

Client ID: PMP-2-SI-E (10.5-11 Instrument: VOAMS13.i

Sample Info: 460-24280-D-16-A;200;;18.93;5 Operator:

Retention Time: 10.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 1-methyl-	90-12-0	NIST02.l	18499	94	C11H10	142
Naphthalene, 2-methyl-	91-57-6	NIST02.l	18501	96	C11H10	142
Benzocycloheptatriene	264-09-5	NIST02.l	18493	91	C11H10	142



Data File: p45634.d

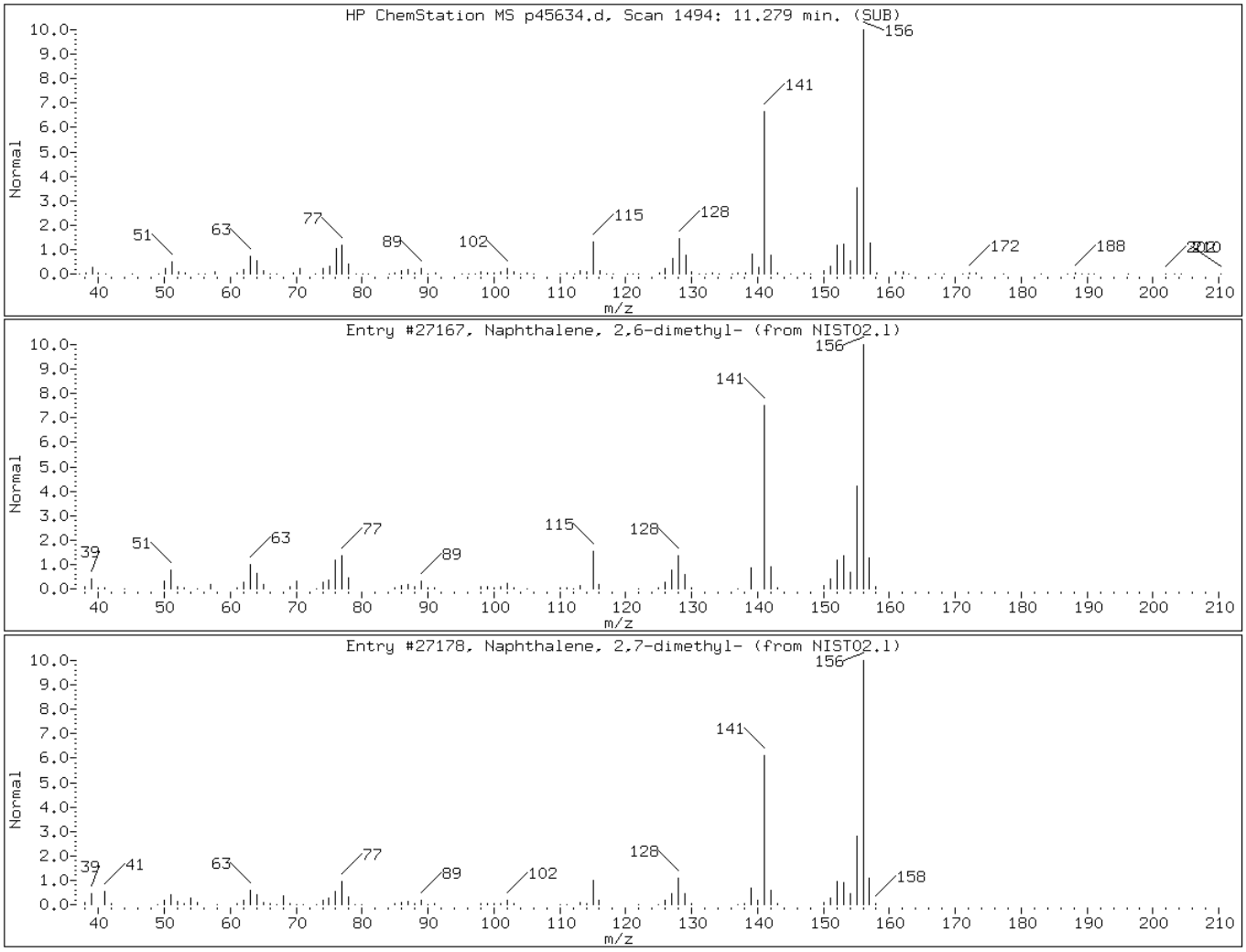
Date: 31-MAR-2011 15:13

Client ID: PMP-2-SI-E (10.5-11 Instrument: VOAMS13.i

Sample Info: 460-24280-D-16-A;200;;18.93;5 Operator:

Retention Time: 11.28

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylnaphthalene isomer						
Naphthalene, 2,6-dimethyl-	581-42-0	NIST02.l	27167	98	C12H12	156
Naphthalene, 2,7-dimethyl-	582-16-1	NIST02.l	27178	98	C12H12	156



Data File: p45634.d

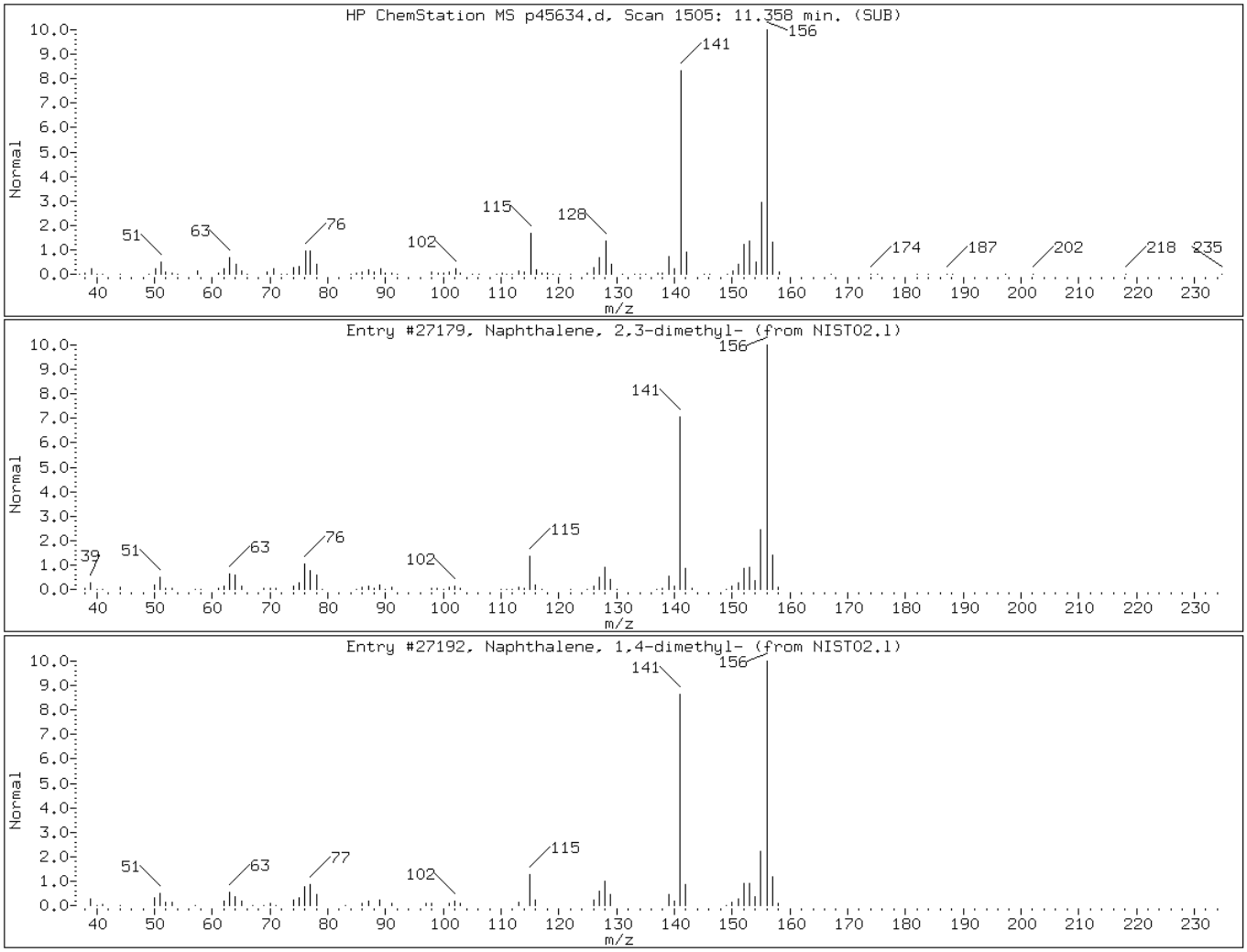
Date: 31-MAR-2011 15:13

Client ID: PMP-2-SI-E (10.5-11 Instrument: VOAMS13.i

Sample Info: 460-24280-D-16-A;200;;18.93;5 Operator:

Retention Time: 11.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylnaphthalene isomer-1						
Naphthalene, 2,3-dimethyl-	581-40-8	NIST02.l	27179	97	C12H12	156
Naphthalene, 1,4-dimethyl-	571-58-4	NIST02.l	27192	97	C12H12	156



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5-VD-E (3.5-4) | Lab Sample ID: 460-24280-17

Matrix: Solid | Lab File ID: o46706.d

Analysis Method: 8260B | Date Collected: 03/17/2011 11:55

Sample wt/vol: 4.74(g) | Date Analyzed: 03/28/2011 21:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 3.4 | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.1	U	1.1	0.69
74-83-9	Bromomethane	1.1	U	1.1	0.45
75-01-4	Vinyl chloride	1.1	U	1.1	0.26
75-00-3	Chloroethane	1.1	U	1.1	0.44
75-09-2	Methylene Chloride	1.1	U	1.1	0.51
67-64-1	Acetone	23	B	11	4.0
75-15-0	Carbon disulfide	1.1	U	1.1	0.51
75-69-4	Trichlorofluoromethane	1.1	U	1.1	0.28
75-35-4	1,1-Dichloroethene	1.1	U	1.1	0.40
75-34-3	1,1-Dichloroethane	1.1	U	1.1	0.28
156-60-5	trans-1,2-Dichloroethene	1.1	U	1.1	0.31
156-59-2	cis-1,2-Dichloroethene	0.56	J	1.1	0.26
67-66-3	Chloroform	1.1	U	1.1	0.26
78-93-3	2-Butanone	11	U	11	0.62
107-06-2	1,2-Dichloroethane	1.1	U	1.1	0.43
71-55-6	1,1,1-Trichloroethane	1.1	U	1.1	0.20
56-23-5	Carbon tetrachloride	1.1	U	1.1	0.11
71-43-2	Benzene	1.1	U	1.1	0.81
75-25-2	Bromoform	1.1	U	1.1	0.77
100-42-5	Styrene	1.1	U	1.1	0.38
100-41-4	Ethylbenzene	1.1	U	1.1	0.21
108-90-7	Chlorobenzene	1.1	U	1.1	0.53
110-82-7	Cyclohexane	1.1	U	1.1	0.24
98-82-8	Isopropylbenzene	1.1	U	1.1	0.28
591-78-6	2-Hexanone	11	U	11	1.8
1634-04-4	MTBE	1.1	U	1.1	0.38
76-13-1	Freon TF	1.1	U	1.1	0.52
79-20-9	Methyl acetate	1.1	U	1.1	0.98
123-91-1	1,4-Dioxane	55	U	55	4.5
79-01-6	Trichloroethene	1.1	U	1.1	0.40
108-88-3	Toluene	0.38	J	1.1	0.33
10061-02-6	trans-1,3-Dichloropropene	1.1	U	1.1	0.24
108-10-1	4-Methyl-2-pentanone	11	U	11	0.78
10061-01-5	cis-1,3-Dichloropropene	1.1	U	1.1	0.22
95-50-1	1,2-Dichlorobenzene	1.1	U	1.1	0.70
541-73-1	1,3-Dichlorobenzene	1.1	U	1.1	0.53

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5-VD-E (3.5-4) | Lab Sample ID: 460-24280-17

Matrix: Solid | Lab File ID: o46706.d

Analysis Method: 8260B | Date Collected: 03/17/2011 11:55

Sample wt/vol: 4.74(g) | Date Analyzed: 03/28/2011 21:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 3.4 | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.1	U	1.1	0.78
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	0.58
87-61-6	1,2,3-Trichlorobenzene	1.1	U	1.1	0.71
78-87-5	1,2-Dichloropropane	1.1	U	1.1	0.35
108-87-2	Methylcyclohexane	1.1	U	1.1	0.30
127-18-4	Tetrachloroethene	1.1	U	1.1	0.36
1330-20-7	Xylenes, Total	3.3	U	3.3	0.86
96-12-8	1,2-Dibromo-3-Chloropropane	1.1	U	1.1	0.67
79-34-5	1,1,2,2-Tetrachloroethane	1.1	U	1.1	0.83
79-00-5	1,1,2-Trichloroethane	1.1	U	1.1	0.65
124-48-1	Dibromochloromethane	1.1	U	1.1	0.61
106-93-4	1,2-Dibromoethane	1.1	U	1.1	0.57
75-71-8	Dichlorodifluoromethane	1.1	U	1.1	0.44
74-97-5	Bromochloromethane	1.1	U	1.1	0.30
75-27-4	Bromodichloromethane	1.1	U	1.1	0.33

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		70-138
2037-26-5	Toluene-d8 (Surr)	90		66-126
460-00-4	Bromofluorobenzene	93		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5-VD-E (3.5-4) | Lab Sample ID: 460-24280-17

Matrix: Solid | Lab File ID: o46706.d

Analysis Method: 8260B | Date Collected: 03/17/2011 11:55

Sample wt/vol: 4.74(g) | Date Analyzed: 03/28/2011 21:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 3.4 | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

Number TICs Found: 2 | TIC Result Total: 322

CAS NO.	COMPOUND NAME	RT	RESULT	Q
287-92-3	Cyclopentane	2.13	22	J N
71-36-3	n-Butanol	4.40	300	J

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46706.d
Report Date: 30-Mar-2011 12:27

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46706.d
Lab Smp Id: 460-24280-B-17-A Client Smp ID: PMP-5-VD-E (3.5-4)
Inj Date : 28-MAR-2011 21:59
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24280-B-17-A;;;4.74;5
Misc Info : 460-24280-B-17-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.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	4.74000	Weight of sample extracted (g)
M	3.39426	% 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				3278	0.50845	0.56(a)
	7 Acetone	43	1.807	1.813	(0.447)	17313	20.7658	23
	13 cis-1,2-Dichloroethene	96	3.008	3.008	(0.745)	3278	0.50845	0.56(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.715	3.715	(0.920)	170195	47.5535	52
*	69 Fluorobenzene	96	4.038	4.038	(1.000)	973372	50.0000	
	63 n-Butanol	43	4.398	4.410	(1.089)	11335	278.321	300(a)
$	37 Toluene-d8 (SUR)	98	5.806	5.812	(0.748)	722820	44.7983	49
	38 Toluene	91	5.891	5.891	(0.759)	9428	0.34441	0.38(a)
*	32 Chlorobenzene-d5	117	7.763	7.763	(1.000)	700563	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.604	9.610	(0.837)	279819	46.7181	51
*	91 1,4-Dichlorobenzene-d4	152	11.470	11.476	(1.000)	402295	50.0000	
	70 Naphthalene	128	13.835	13.841	(1.206)	23240	1.09047	1.2

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46706.d
Report Date: 30-Mar-2011 12:27

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46706.d
Report Date: 30-Mar-2011 12:27

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46706.d
Lab Smp Id: 460-24280-B-17-A Client Smp ID: PMP-5-VD-E (3.5-4)
Inj Date : 28-MAR-2011 21:59
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : 460-24280-B-17-A;;;4.74;5
Misc Info : 460-24280-B-17-A
Comment   :
Method   : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.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	4.74000	Weight of sample extracted (g)
M	3.39426	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 69 Fluorobenzene	4.038	1913423	50.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Cyclopentane					CAS #: 287-92-3		
2.130	786460	20.5511229	22	35	NIST02.l	541	69(L)

QC Flag Legend

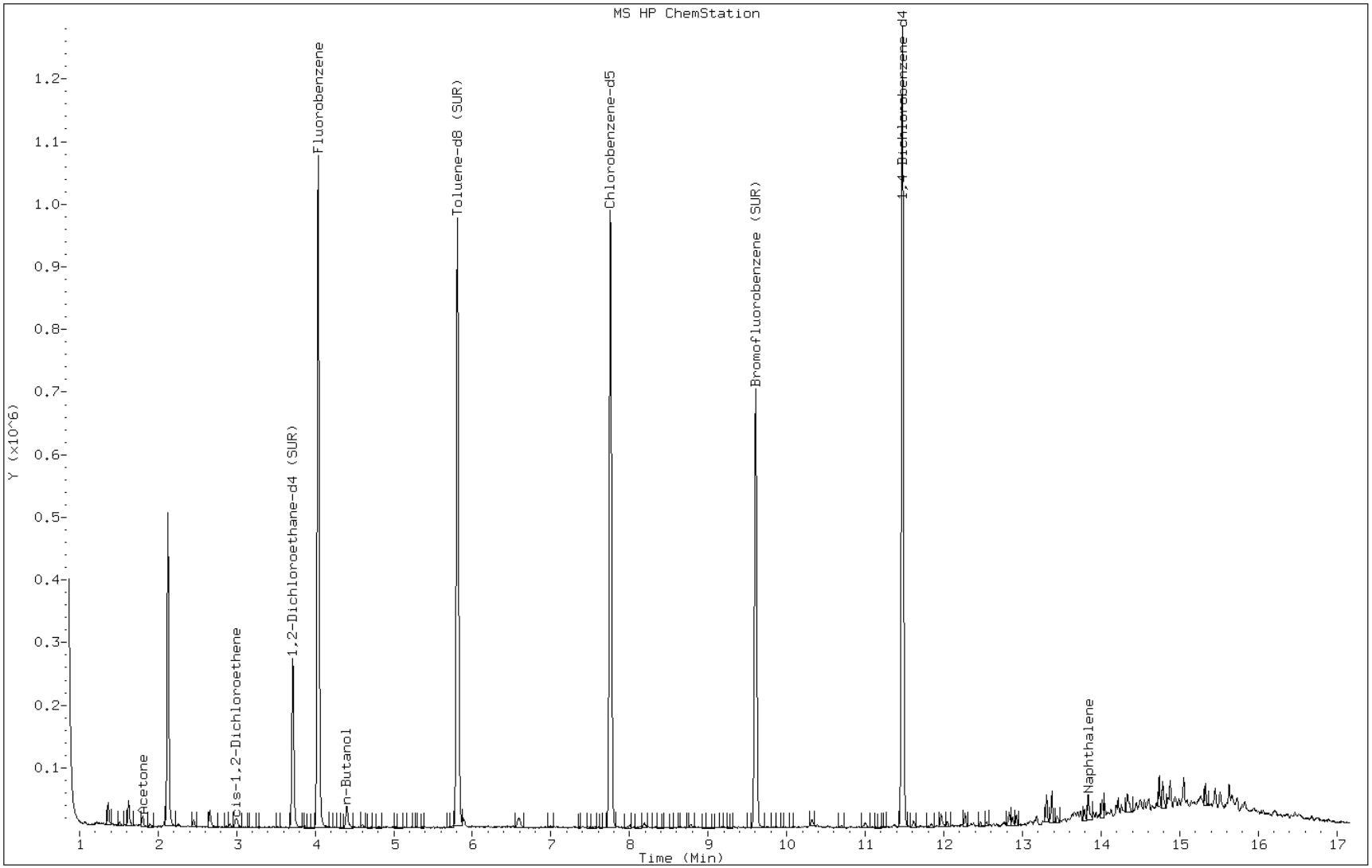
L - Operator selected an alternate library search match.

Data File: o46706.d

Date: 28-MAR-2011 21:59

Client ID: PMP-5-VD-E (3.5-4) Instrument: VOAMS12.i

Sample Info: 460-24280-B-17-A;;;4.74;5 Operator: VOAMS 9



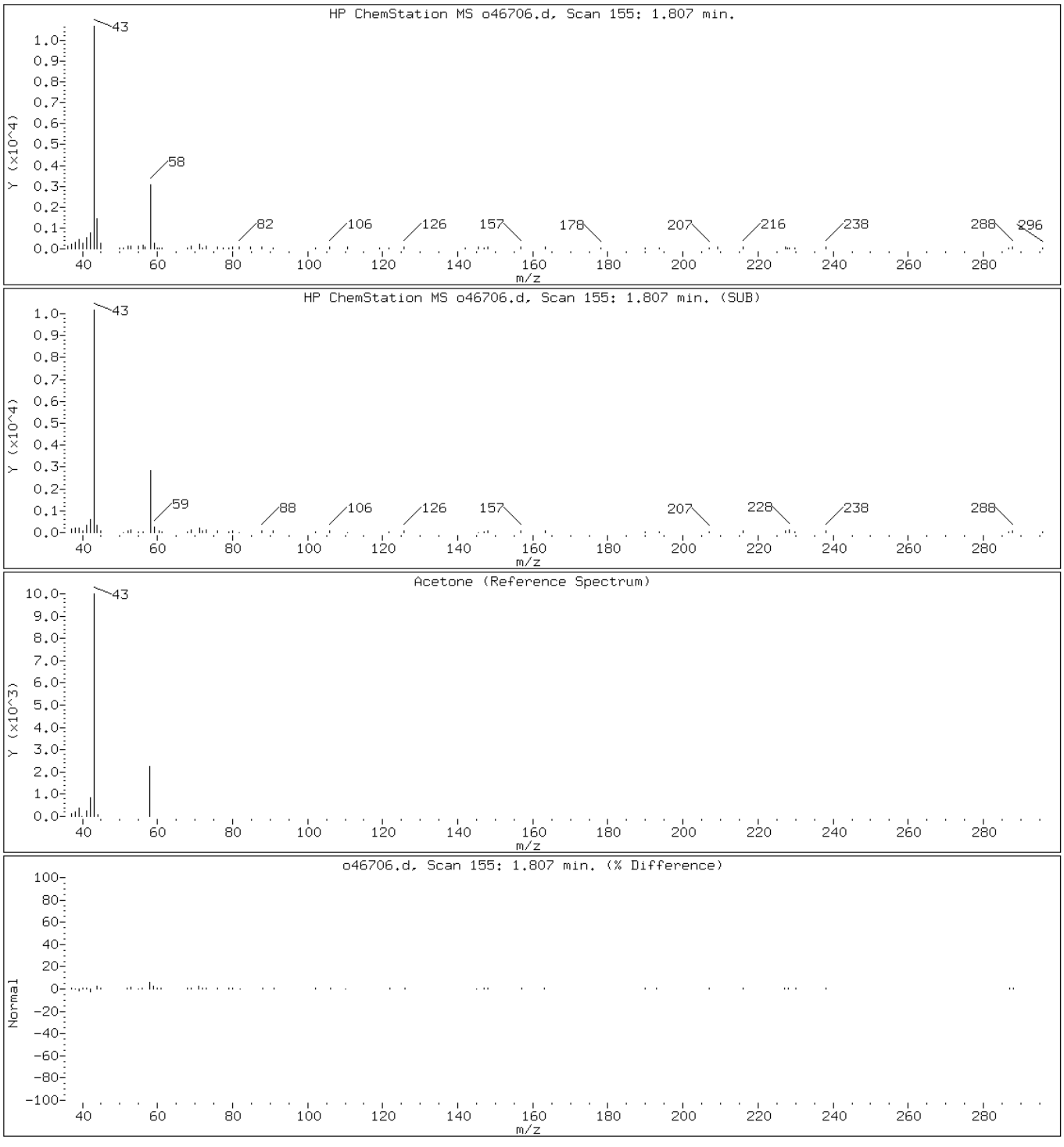
Data File: o46706.d

Date: 28-MAR-2011 21:59

Client ID: PMP-5-VD-E (3.5-4) Instrument: VOAMS12.i

Sample Info: 460-24280-B-17-A;;;4.74;5 Operator: VOAMS 9

7 Acetone



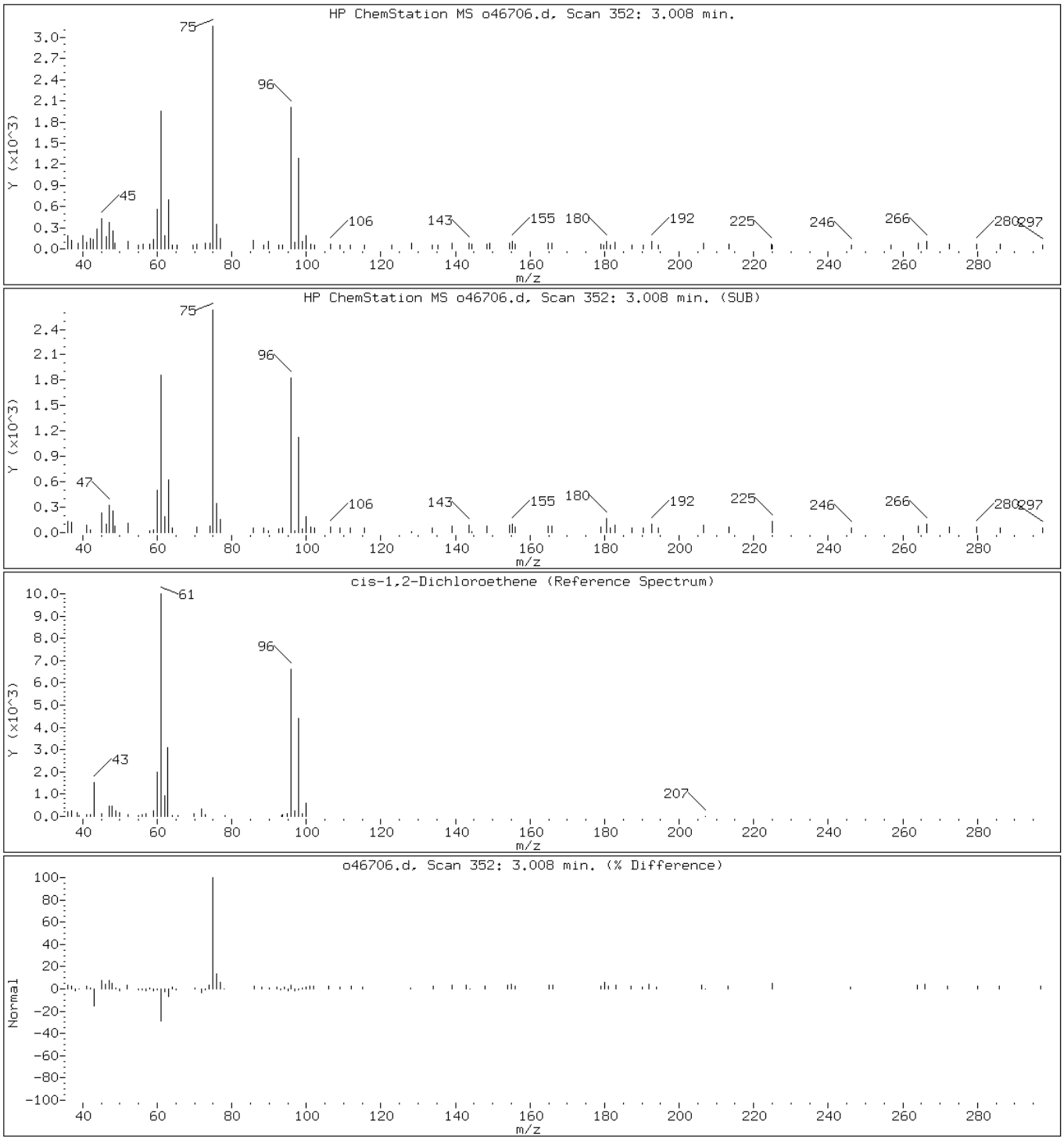
Data File: o46706.d

Date: 28-MAR-2011 21:59

Client ID: PMP-5-VD-E (3.5-4) Instrument: VOAMS12.i

Sample Info: 460-24280-B-17-A;;;4.74;5 Operator: VOAMS 9

13 cis-1,2-Dichloroethene



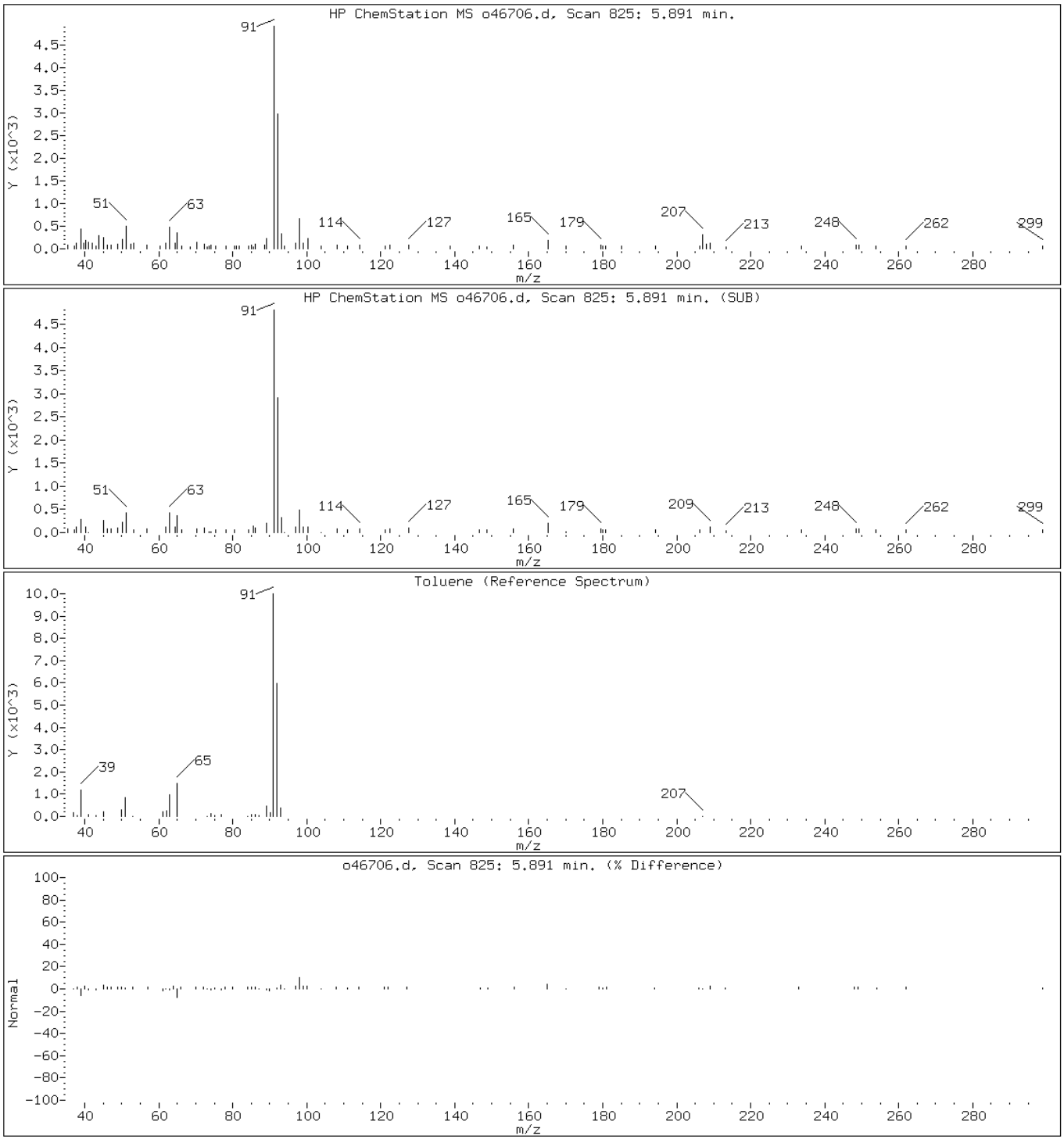
Data File: o46706.d

Date: 28-MAR-2011 21:59

Client ID: PMP-5-VD-E (3.5-4) Instrument: VOAMS12.i

Sample Info: 460-24280-B-17-A;;;4.74;5 Operator: VOAMS 9

38 Toluene



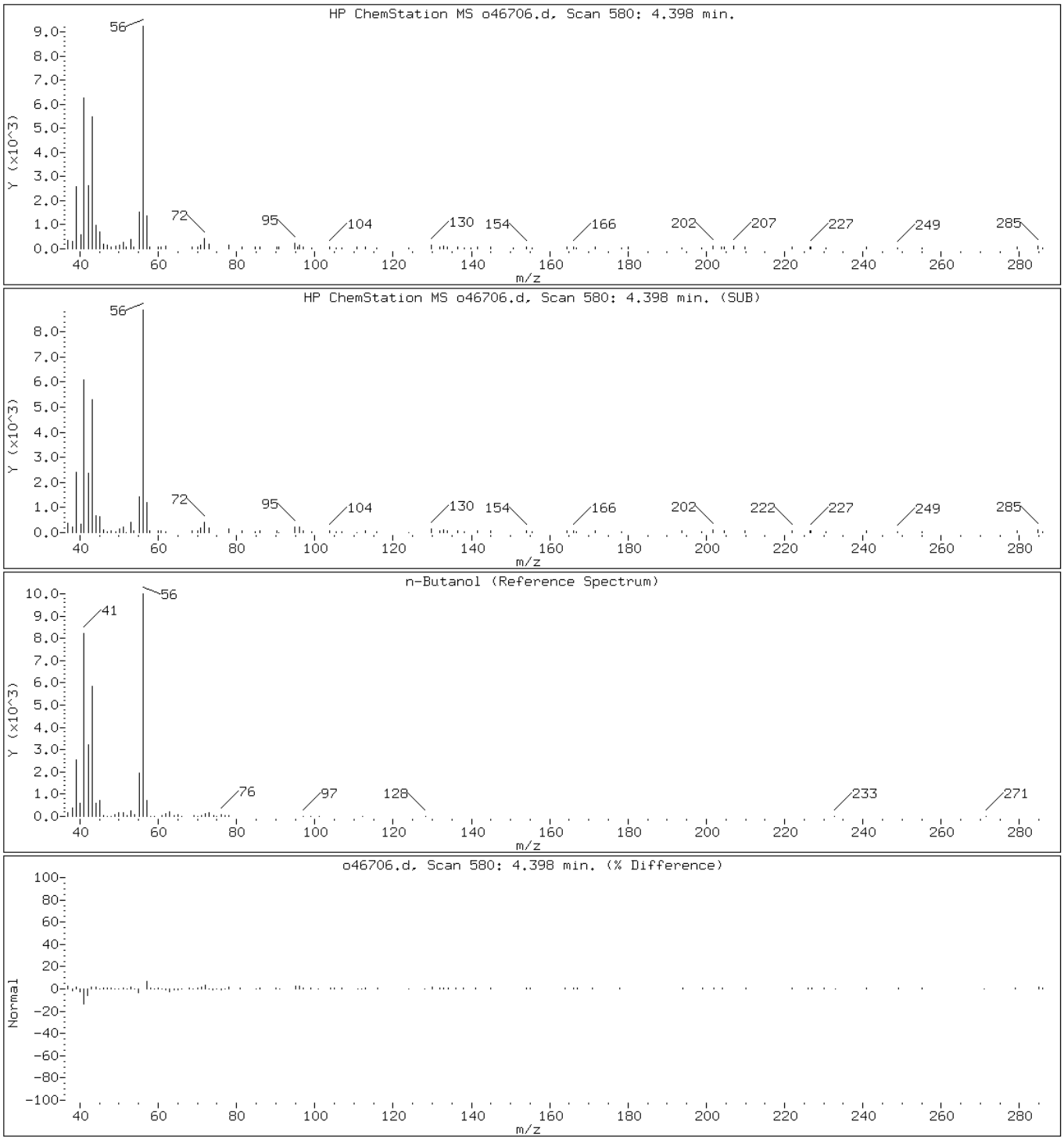
Data File: o46706.d

Date: 28-MAR-2011 21:59

Client ID: PMP-5-VD-E (3.5-4) Instrument: VOAMS12.i

Sample Info: 460-24280-B-17-A;;;4.74;5 Operator: VOAMS 9

63 n-Butanol



Data File: o46706.d

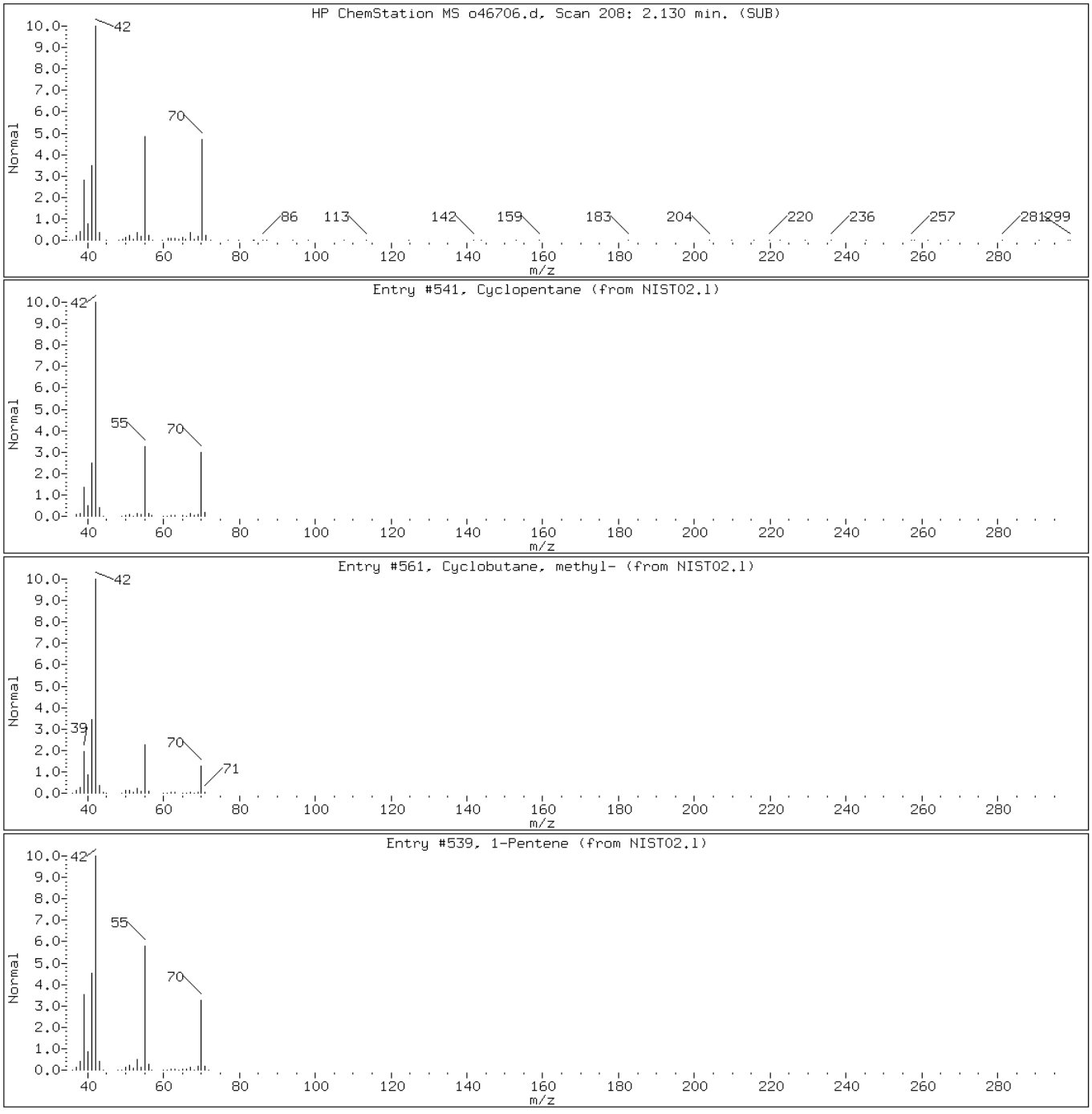
Date: 28-MAR-2011 21:59

Client ID: PMP-5-VD-E (3.5-4) Instrument: VOAMS12.i

Sample Info: 460-24280-B-17-A;;;4.74;5 Operator: VOAMS 9

Retention Time: 2.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclopentane	287-92-3	NIST02.l	541	35	C5H10	70
Cyclobutane, methyl-	598-61-8	NIST02.l	561	86	C5H10	70
1-Pentene	109-67-1	NIST02.l	539	50	C5H10	70



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5-WT-E (8-8.5) | Lab Sample ID: 460-24280-18

Matrix: Solid | Lab File ID: p45633.d

Analysis Method: 8260B | Date Collected: 03/17/2011 12:00

Sample wt/vol: 5.43(g) | Date Analyzed: 03/31/2011 14:48

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 5.6 | Level: (low/med) Medium

Analysis Batch No.: 69082 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	98	U	98	21
74-83-9	Bromomethane	98	U	98	31
75-01-4	Vinyl chloride	98	U	98	12
75-00-3	Chloroethane	98	U	98	43
75-09-2	Methylene Chloride	98	U	98	19
67-64-1	Acetone	750	J	980	240
75-15-0	Carbon disulfide	98	U	98	14
75-69-4	Trichlorofluoromethane	98	U	98	15
75-35-4	1,1-Dichloroethene	98	U	98	14
75-34-3	1,1-Dichloroethane	98	U	98	9.8
156-60-5	trans-1,2-Dichloroethene	98	U	98	13
156-59-2	cis-1,2-Dichloroethene	98	U	98	19
67-66-3	Chloroform	98	U	98	15
78-93-3	2-Butanone	980	U	980	80
107-06-2	1,2-Dichloroethane	98	U	98	24
71-55-6	1,1,1-Trichloroethane	98	U	98	24
56-23-5	Carbon tetrachloride	98	U	98	18
71-43-2	Benzene	98	U	98	12
75-25-2	Bromoform	98	U	98	9.7
100-42-5	Styrene	98	U	98	14
100-41-4	Ethylbenzene	570		98	24
108-90-7	Chlorobenzene	58	J	98	16
110-82-7	Cyclohexane	98	U	98	12
98-82-8	Isopropylbenzene	360		98	21
591-78-6	2-Hexanone	980	U	980	53
1634-04-4	MTBE	98	U	98	18
76-13-1	Freon TF	98	U	98	28
79-20-9	Methyl acetate	200	U	200	32
123-91-1	1,4-Dioxane	4900	U	4900	830
79-01-6	Trichloroethene	22	J	98	17
108-88-3	Toluene	200		98	9.2
10061-02-6	trans-1,3-Dichloropropene	98	U	98	12
108-10-1	4-Methyl-2-pentanone	980	U	980	67
10061-01-5	cis-1,3-Dichloropropene	98	U	98	10
95-50-1	1,2-Dichlorobenzene	830		98	16
541-73-1	1,3-Dichlorobenzene	460		98	22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5-WT-E (8-8.5) | Lab Sample ID: 460-24280-18

Matrix: Solid | Lab File ID: p45633.d

Analysis Method: 8260B | Date Collected: 03/17/2011 12:00

Sample wt/vol: 5.43(g) | Date Analyzed: 03/31/2011 14:48

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 5.6 | Level: (low/med) Medium

Analysis Batch No.: 69082 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	2300		98	15
120-82-1	1,2,4-Trichlorobenzene	1500		98	43
87-61-6	1,2,3-Trichlorobenzene	1600		98	81
78-87-5	1,2-Dichloropropane	98	U	98	8.5
108-87-2	Methylcyclohexane	150		98	7.8
127-18-4	Tetrachloroethene	98	U	98	19
1330-20-7	Xylenes, Total	1600		290	42
96-12-8	1,2-Dibromo-3-Chloropropane	98	U	98	15
79-34-5	1,1,2,2-Tetrachloroethane	98	U	98	8.4
79-00-5	1,1,2-Trichloroethane	98	U	98	9.5
124-48-1	Dibromochloromethane	98	U	98	9.8
106-93-4	1,2-Dibromoethane	98	U	98	8.9
75-71-8	Dichlorodifluoromethane	98	U	98	28
74-97-5	Bromochloromethane	98	U *	98	17
75-27-4	Bromodichloromethane	98	U	98	8.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	67		57-135
2037-26-5	Toluene-d8 (Surr)	68		46-130
460-00-4	Bromofluorobenzene	83		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5-WT-E (8-8.5) Lab Sample ID: 460-24280-18

Matrix: Solid Lab File ID: p45633.d

Analysis Method: 8260B Date Collected: 03/17/2011 12:00

Sample wt/vol: 5.43(g) Date Analyzed: 03/31/2011 14:48

Soil Aliquot Vol: 5 (mL) Dilution Factor: 100

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.18(mm)

% Moisture: 5.6 Level: (low/med) Medium

Analysis Batch No.: 69082 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 57200

CAS NO.	COMPOUND NAME	RT	RESULT	Q
95-63-6	1,2,4-Trimethylbenzene	8.03	7600	
	Ethyldimethylbenzene isomer	8.55	4200	J
	C10H14 Aromatic	8.76	3700	J
	2,3-dihydro-methyl-1H-Indene isomer	9.40	4500	J
	Unknown Aromatic-2	9.42	5400	J
	C11H14 Aromatic	9.66	3900	J
	2,3-dihydro-dimethyl-1H-Indene isomer-1	10.17	6000	J
	Tetrahydrodimethylnaphthalene isomer	10.51	3600	J
91-57-6	Naphthalene, 2-methyl-	10.63	12000	J N
90-12-0	Naphthalene, 1-methyl-	10.73	6300	J N

Data File: /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45633.d
Report Date: 31-Mar-2011 15:46

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45633.d
Lab Smp Id: 460-24280-D-18-A Client Smp ID: PMP-5-WT-E (8-8.5)
Inj Date : 31-MAR-2011 14:48
Operator : Inst ID: VOAMS13.i
Smp Info : 460-24280-D-18-A;100;;5.43;5
Misc Info : 460-24280-D-18-A
Comment   :
Method   : /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/8260_09.m
Meth Date : 31-Mar-2011 12:56 desais Quant Type: ISTD
Cal Date : 03-MAR-2011 04:37 Cal File: p44665.d
Als bottle: 8
Dil Factor: 100.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.43000	Weight of sample extracted (g)
M	5.60579	% 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 Acetone	58	1.487	1.480	(0.501)	1902	7.73952	750(a)
$	47 1,2-Dichloroethane-d4 (SUR)	65	2.762	2.769	(0.930)	58245	16.8327	1600
*	52 Fluorobenzene	96	2.970	2.970	(1.000)	655763	50.0000	
	54 Trichloroethene	95	3.099	3.099	(1.043)	659	0.22117	22(a)
	56 Methyl cyclohexane	83	3.070	3.070	(1.034)	6631	1.58484	150
$	65 Toluene-d8 (SUR)	98	4.367	4.374	(0.712)	206147	16.8997	1600
	66 Toluene	91	4.424	4.424	(0.722)	31385	2.09774	200
*	78 Chlorobenzene-d5	117	6.129	6.129	(1.000)	538430	50.0000	
	79 Chlorobenzene	112	6.143	6.150	(1.002)	5552	0.59227	58(aH)
	81 Ethylbenzene	106	6.229	6.236	(1.016)	28683	5.80605	570
	82 m+p-Xylene	106	6.415	6.415	(1.047)	40630	6.42614	630
	84 o-Xylene	106	6.845	6.845	(1.117)	61920	10.4616	1000
	88 Isopropylbenzene	105	7.167	7.167	(1.169)	51632	3.67167	360(H)
$	89 Bromofluorobenzene (SUR)	174	7.390	7.390	(0.890)	92229	20.7226	2000

Data File: /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45633.d
Report Date: 31-Mar-2011 15:46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	95 n-Propylbenzene	91	7.540	7.533	(0.908)	107594	5.77546	560(H)
	97 1,3,5-Trimethylbenzene	105	7.726	7.726	(0.931)	332238	25.6345	2500
	100 tert-Butylbenzene	119	7.963	7.963	(0.959)	5169	0.49595	48(a)
	101 1,2,4-Trimethylbenzene	105	8.027	8.027	(0.967)	1079352	77.9763	7600
	103 sec-Butylbenzene	105	8.106	8.106	(0.977)	128059	8.41672	820
	105 1,3-Dichlorobenzene	146	8.235	8.235	(0.992)	38562	4.70866	460
*	108 1,4-Dichlorobenzene-d4	152	8.299	8.299	(1.000)	315610	50.0000	
	109 1,4-Dichlorobenzene	146	8.314	8.314	(1.002)	199159	23.5722	2300
	106 n-Butylbenzene	91	8.550	8.550	(1.030)	192451	15.5899	1500(H)
	111 1,2-Dichlorobenzene	146	8.614	8.614	(1.038)	65538	8.46651	820
	114 1,2,4-Trichlorobenzene	180	9.689	9.689	(1.167)	79594	15.3094	1500
	116 Naphthalene	128	9.904	9.904	(1.193)	393713	35.3618	3400
	117 1,2,3-Trichlorobenzene	180	10.033	10.033	(1.209)	72942	16.6477	1600
M	121 Xylene (Total)	100				102550	16.8877	1600

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

Data File: /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45633.d
Report Date: 31-Mar-2011 15:46

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45633.d
Lab Smp Id: 460-24280-D-18-A Client Smp ID: PMP-5-WT-E (8-8.5)
Inj Date : 31-MAR-2011 14:48
Operator : Inst ID: VOAMS13.i
Smp Info : 460-24280-D-18-A;100;;5.43;5
Misc Info : 460-24280-D-18-A
Comment   :
Method   : /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/8260_09.m
Meth Date : 31-Mar-2011 12:56 desais Quant Type: ISTD
Cal Date : 03-MAR-2011 04:37 Cal File: p44665.d
Als bottle: 8
Dil Factor: 100.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.43000	Weight of sample extracted (g)
M	5.60579	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 108 1,4-Dichlorobenzene-d4	8.299	3024248	50.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Ethyldimethylbenzene isomer					CAS #:		
8.550	2592348	42.8593751	4200	0		0	108
C10H14 Aromatic					CAS #:		
8.758	2319560	38.3493687	3700	0		0	108

Data File: /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45633.d
Report Date: 31-Mar-2011 15:46

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
C10H14 Aromatic-1					CAS #:		
8.815	1799195	29.7461500	2900	0		0	108
Unknown Aromatic					CAS #:		
8.901	1820316	30.0953413	2900	0		0	108
Tetramethylbenzene isomer					CAS #:		
9.137	1767446	29.2212486	2800	0		0	108(L)
Unknown Aromatic-1					CAS #:		
9.273	1666289	27.5488130	2700	0		0	108(M)
2,3-dihydro-methyl-1H-Indene isomer					CAS #:		
9.395	2806774	46.4044965	4500	0		0	108(ML)
Unknown Aromatic-2					CAS #:		
9.417	3319976	54.8892755	5400	0		0	108(M)
2,3-dihydro-dimethyl-1H-Indene isomer					CAS #:		
9.596	2093901	34.6185385	3400	0		0	108
C11H14 Aromatic					CAS #:		
9.660	2424076	40.0773408	3900	0		0	108(ML)
Unknown					CAS #:		
9.961	2130233	35.2192127	3400	0		0	108
2,3-dihydro-dimethyl-1H-Indene isomer-1					CAS #:		
10.169	3722245	61.5400083	6000	0		0	108
Tetrahydrodimethylnaphthalene isomer					CAS #:		
10.505	2215766	36.6333305	3600	0		0	108
Naphthalene, 2-methyl-					CAS #: 91-57-6		
10.634	7327832	121.151303	12000	96	NIST02.l	18501	108
Naphthalene, 1-methyl-					CAS #: 90-12-0		
10.735	3902082	64.5132502	6300	94	NIST02.l	18499	108(L)
Dimethylnaphthalene isomer					CAS #:		
11.279	2421697	40.0380031	3900	0		0	108
Dimethylnaphthalene isomer-1					CAS #:		
11.358	3584838	59.2682487	5800	0		0	108

Data File: /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45633.d
Report Date: 31-Mar-2011 15:46

QC Flag Legend

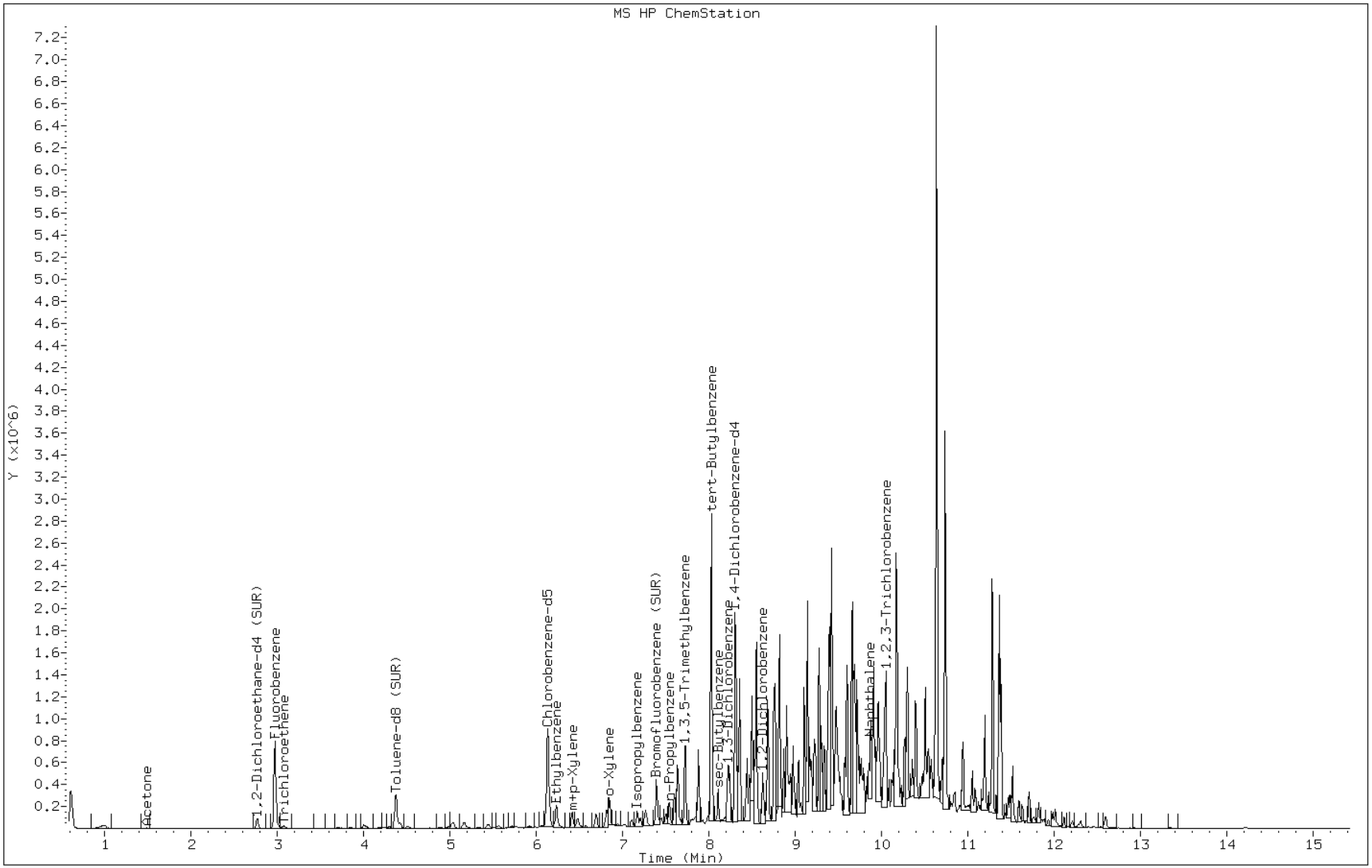
M - Compound response manually integrated.
L - Operator selected an alternate library search match.

Data File: p45633.d

Date: 31-MAR-2011 14:48

Client ID: PMP-5-WT-E (8-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-18-A;100;;5.43;5 Operator:



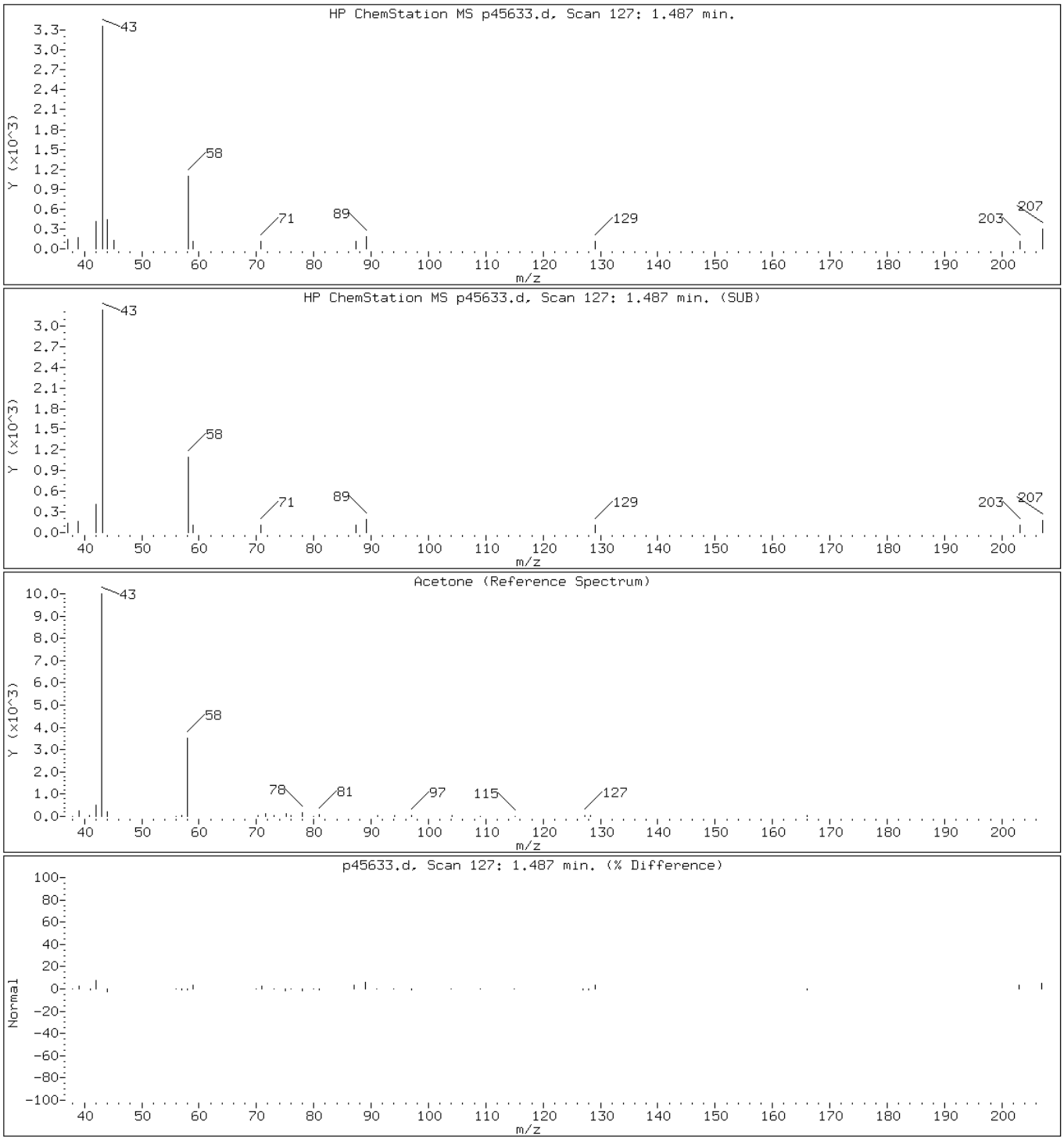
Data File: p45633.d

Date: 31-MAR-2011 14:48

Client ID: PMP-5-WT-E (8-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-18-A;100;;5.43;5 Operator:

16 Acetone



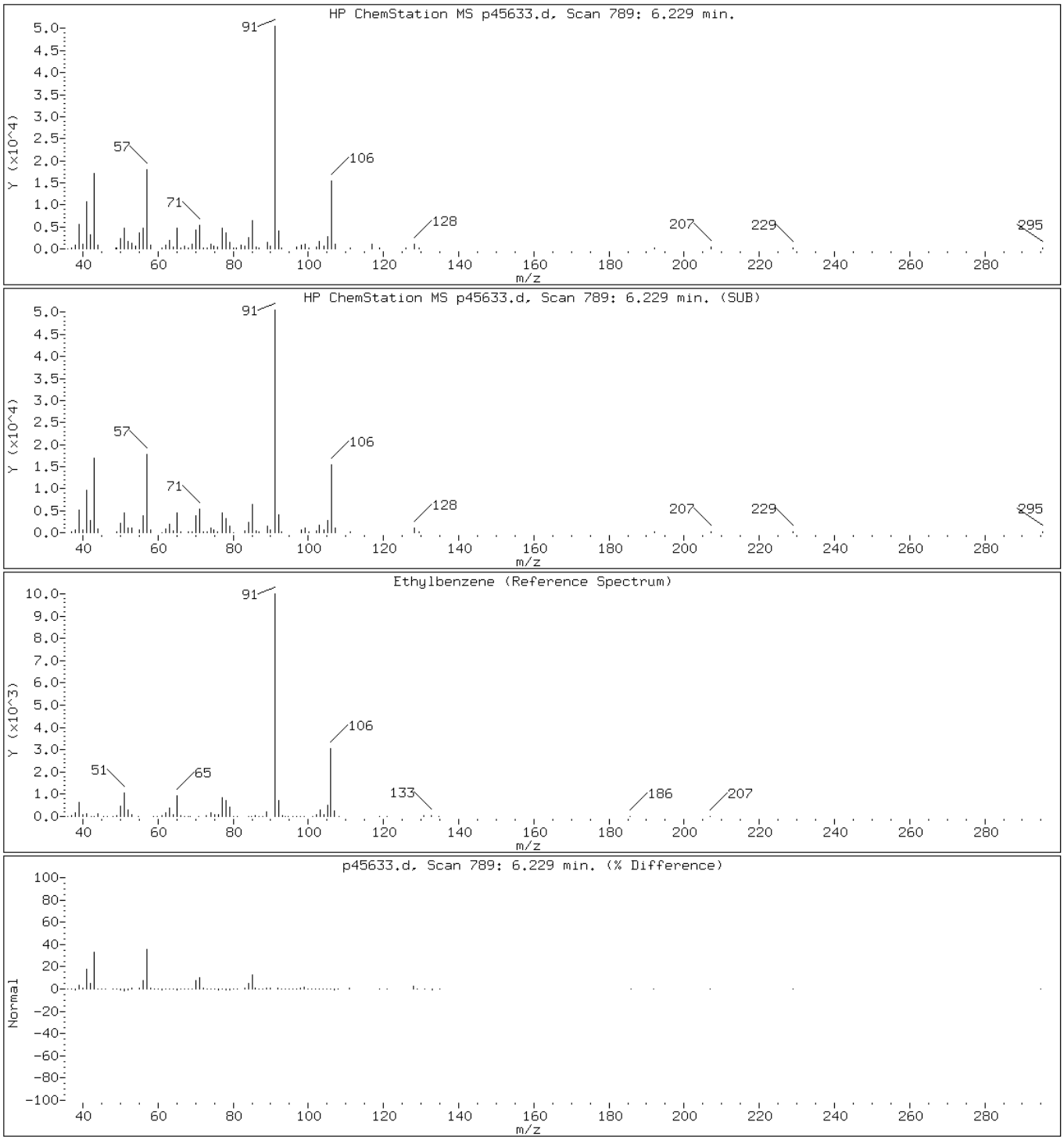
Data File: p45633.d

Date: 31-MAR-2011 14:48

Client ID: PMP-5-WT-E (8-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-18-A;100;;5.43;5 Operator:

81 Ethylbenzene



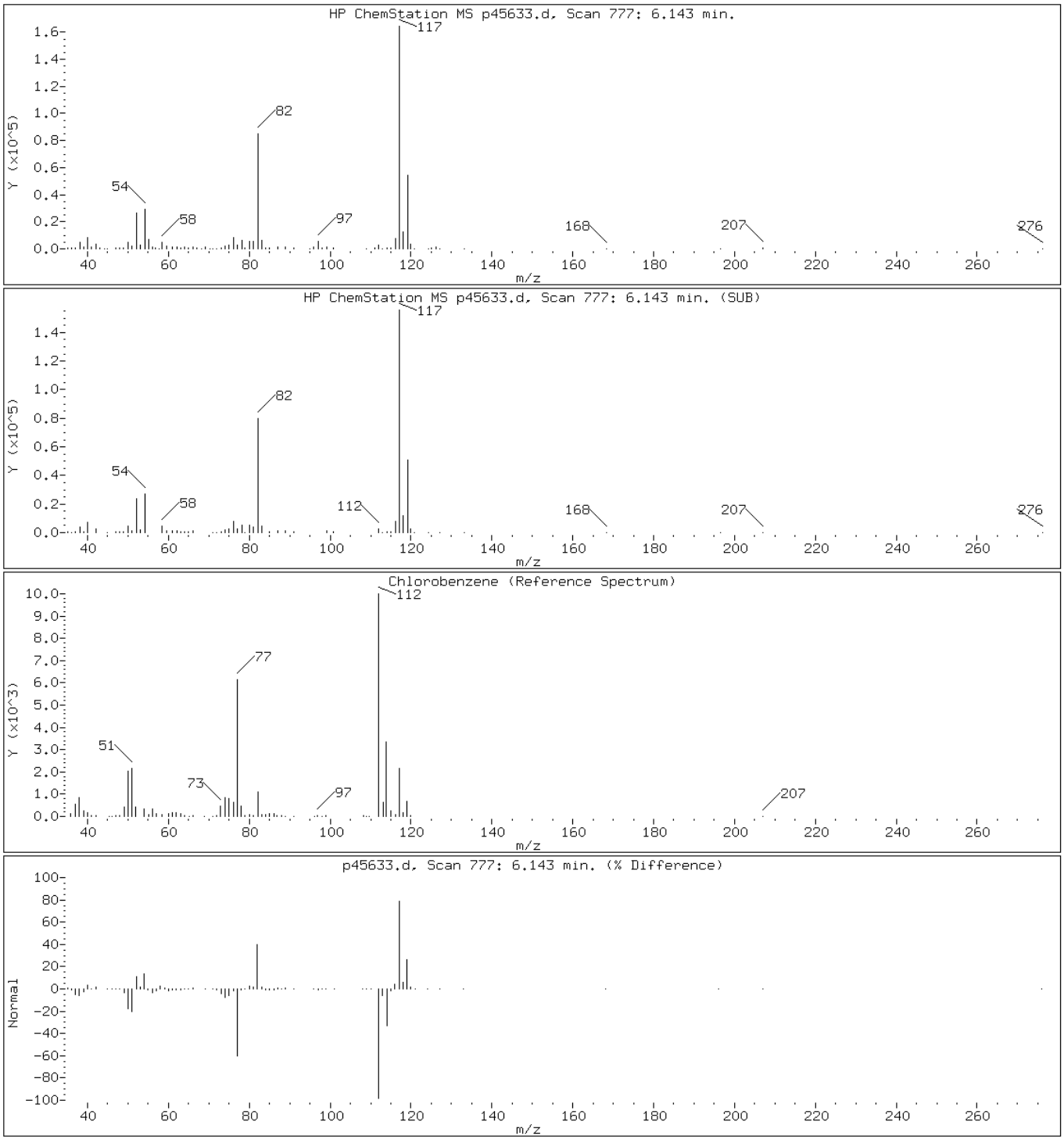
Data File: p45633.d

Date: 31-MAR-2011 14:48

Client ID: PMP-5-WT-E (8-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-18-A;100;;5.43;5 Operator:

79 Chlorobenzene



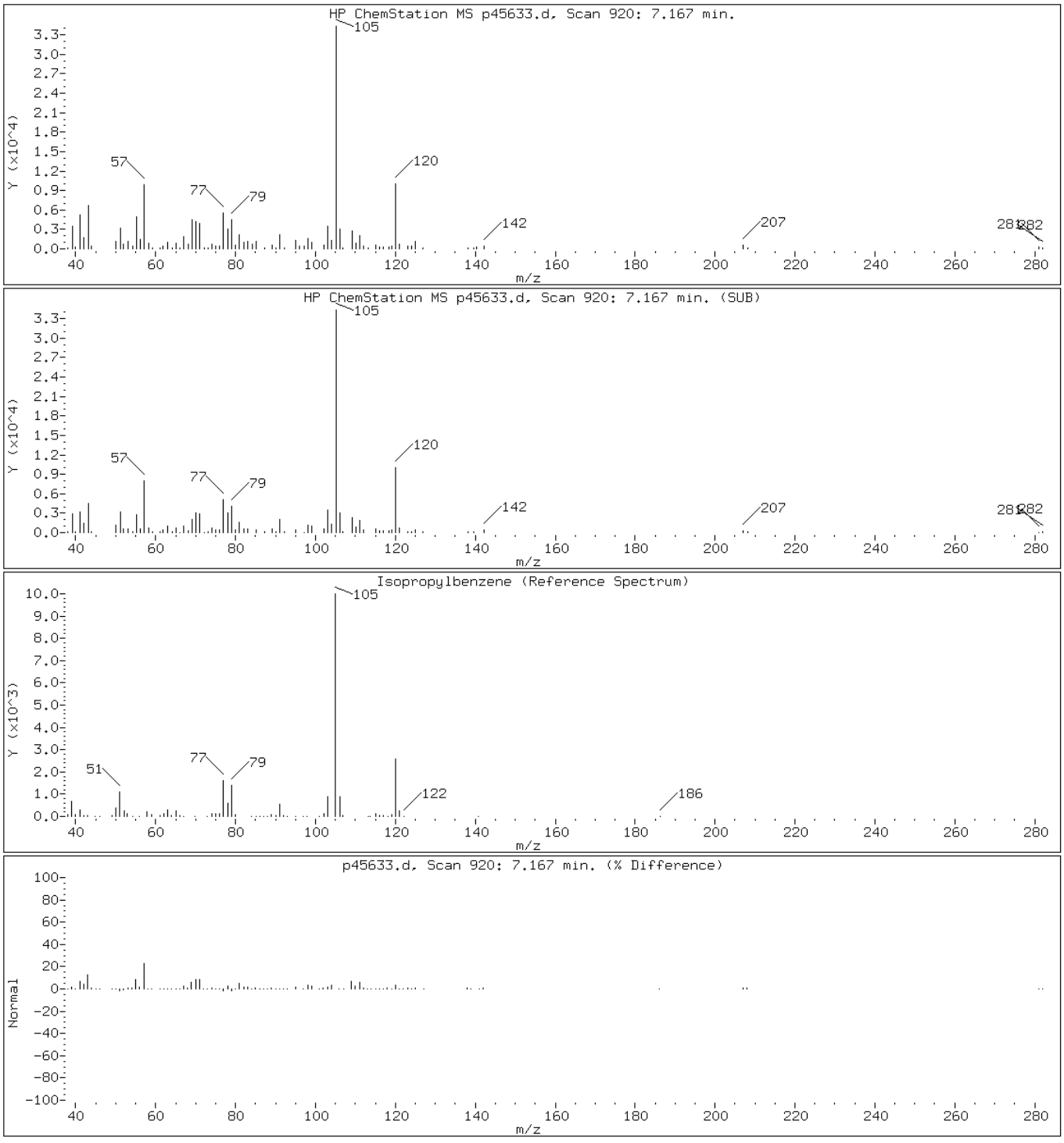
Data File: p45633.d

Date: 31-MAR-2011 14:48

Client ID: PMP-5-WT-E (8-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-18-A;100;;5.43;5 Operator:

88 Isopropylbenzene



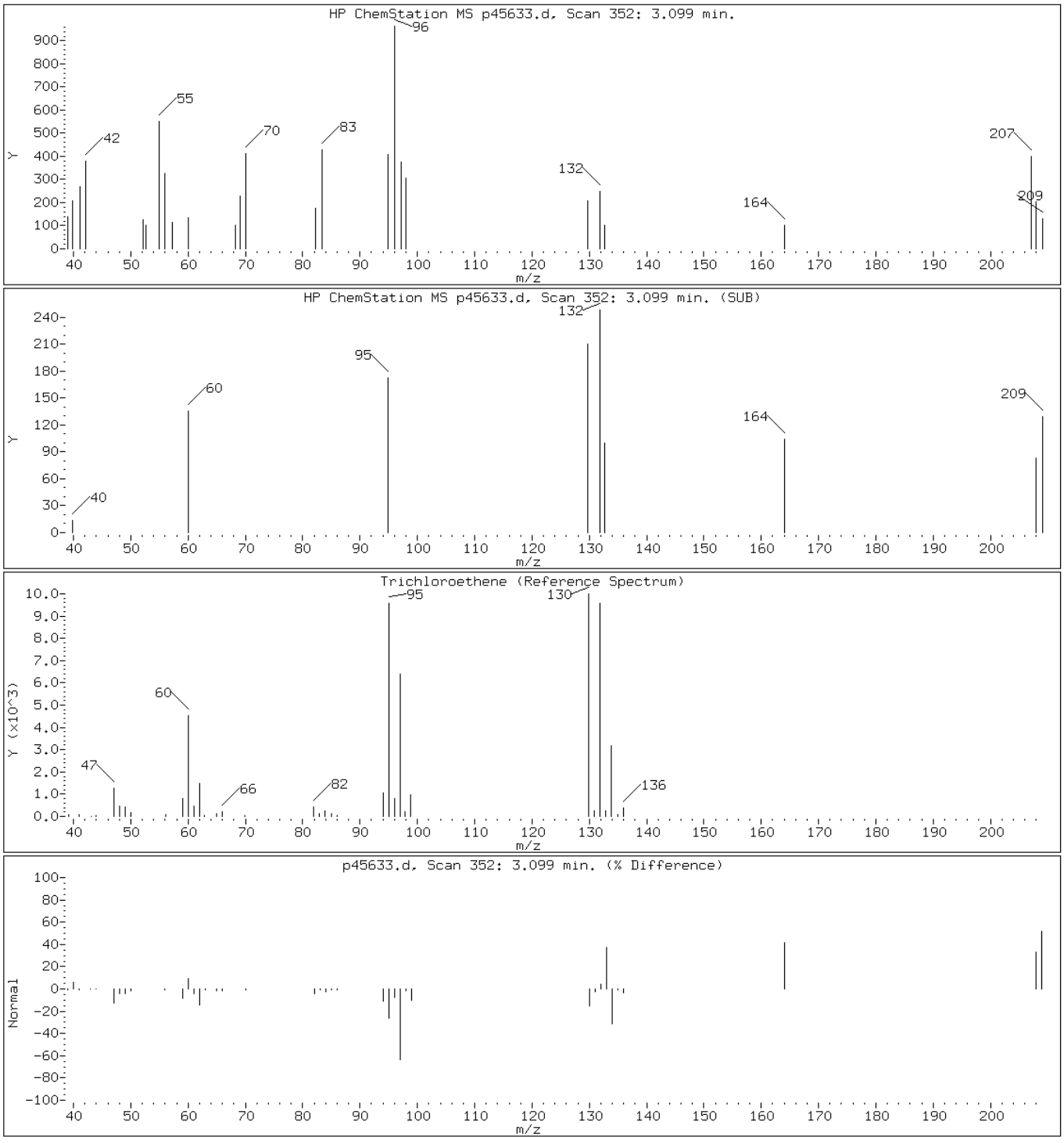
Data File: p45633.d

Date: 31-MAR-2011 14:48

Client ID: PMP-5-WT-E (8-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-18-A;100;;5.43;5 Operator:

54 Trichloroethene



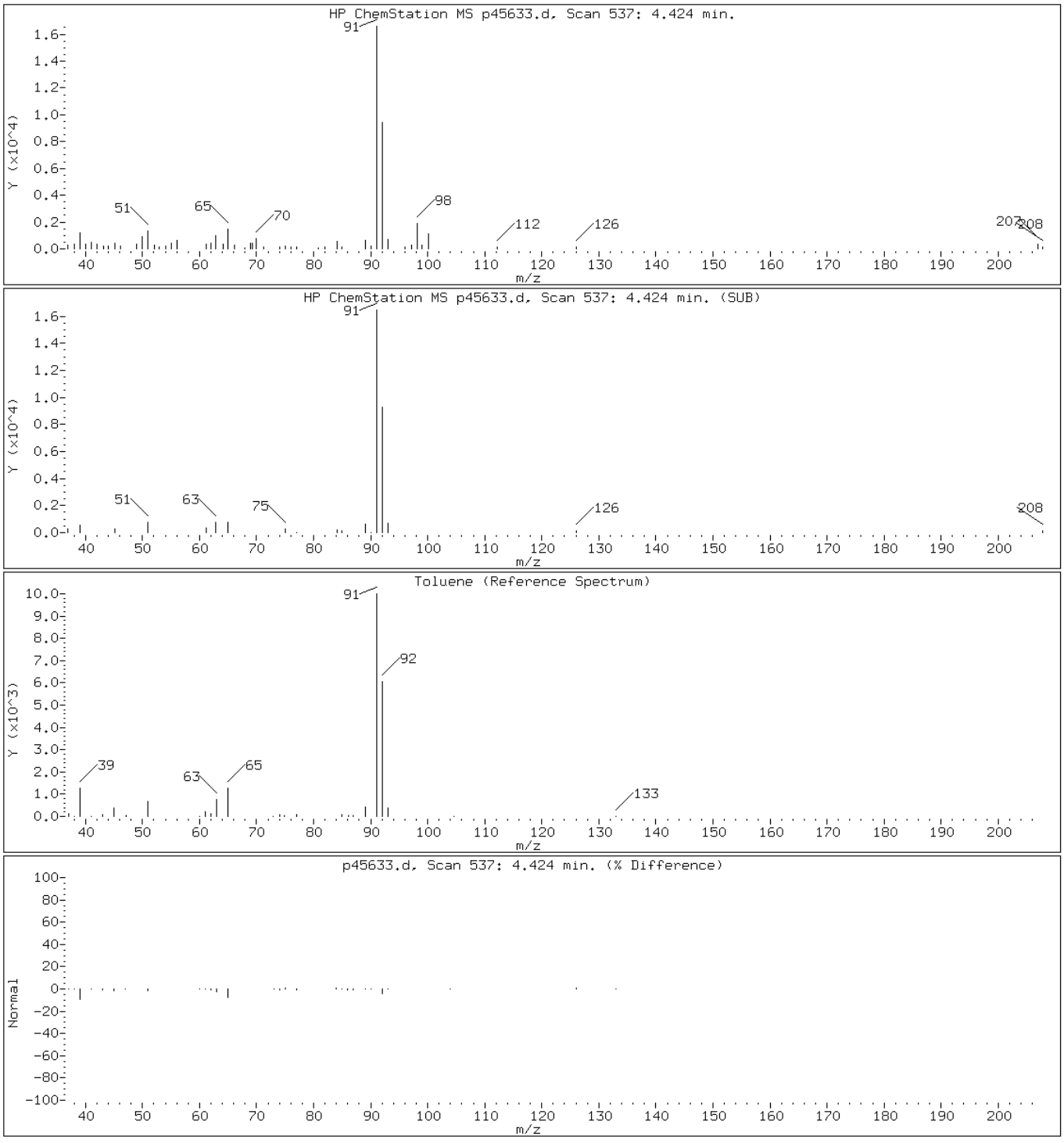
Data File: p45633.d

Date: 31-MAR-2011 14:48

Client ID: PMP-5-WT-E (8-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-18-A;100;;5.43;5 Operator:

66 Toluene



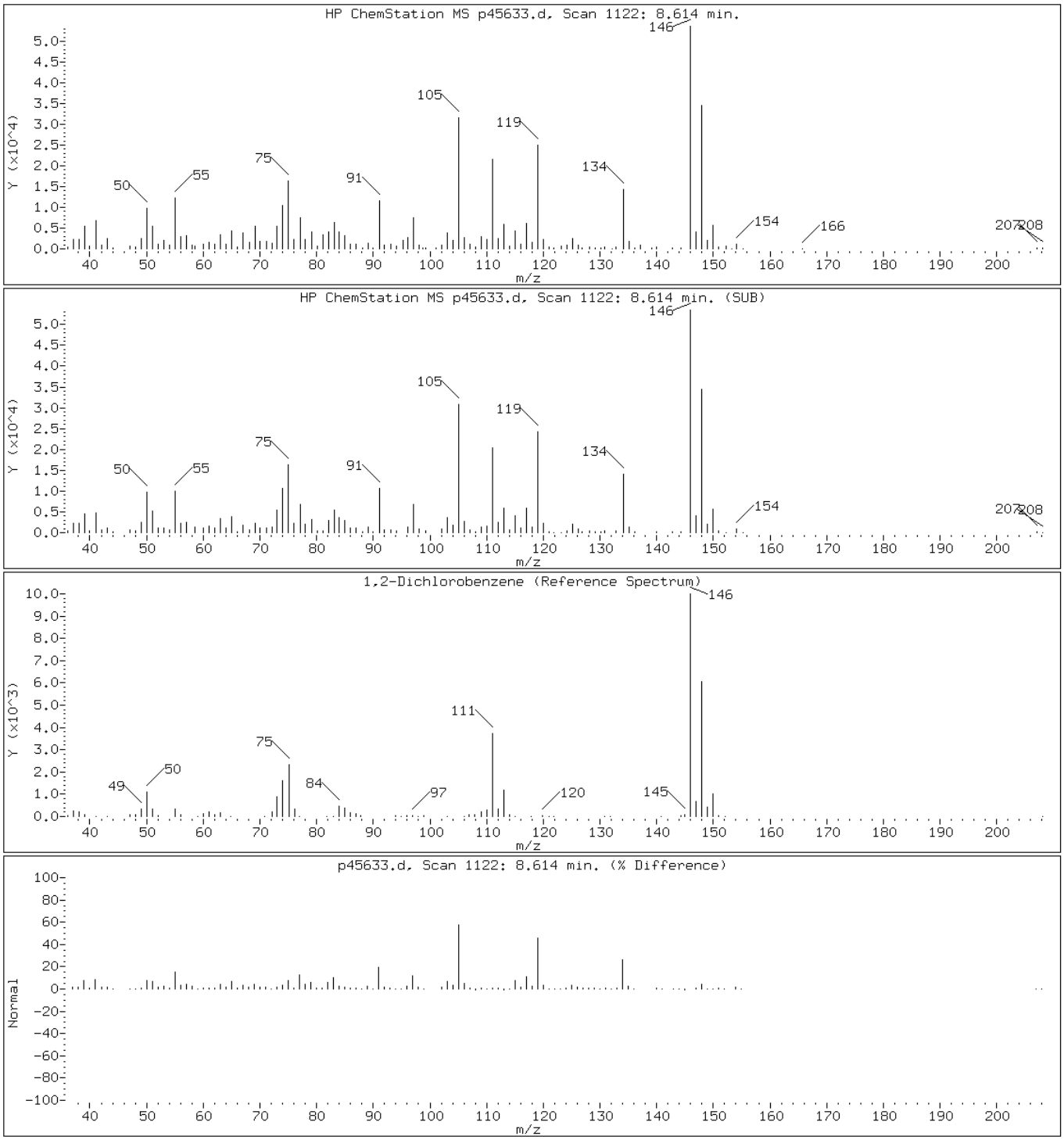
Data File: p45633.d

Date: 31-MAR-2011 14:48

Client ID: PMP-5-WT-E (8-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-18-A;100;;5.43;5 Operator:

111 1,2-Dichlorobenzene



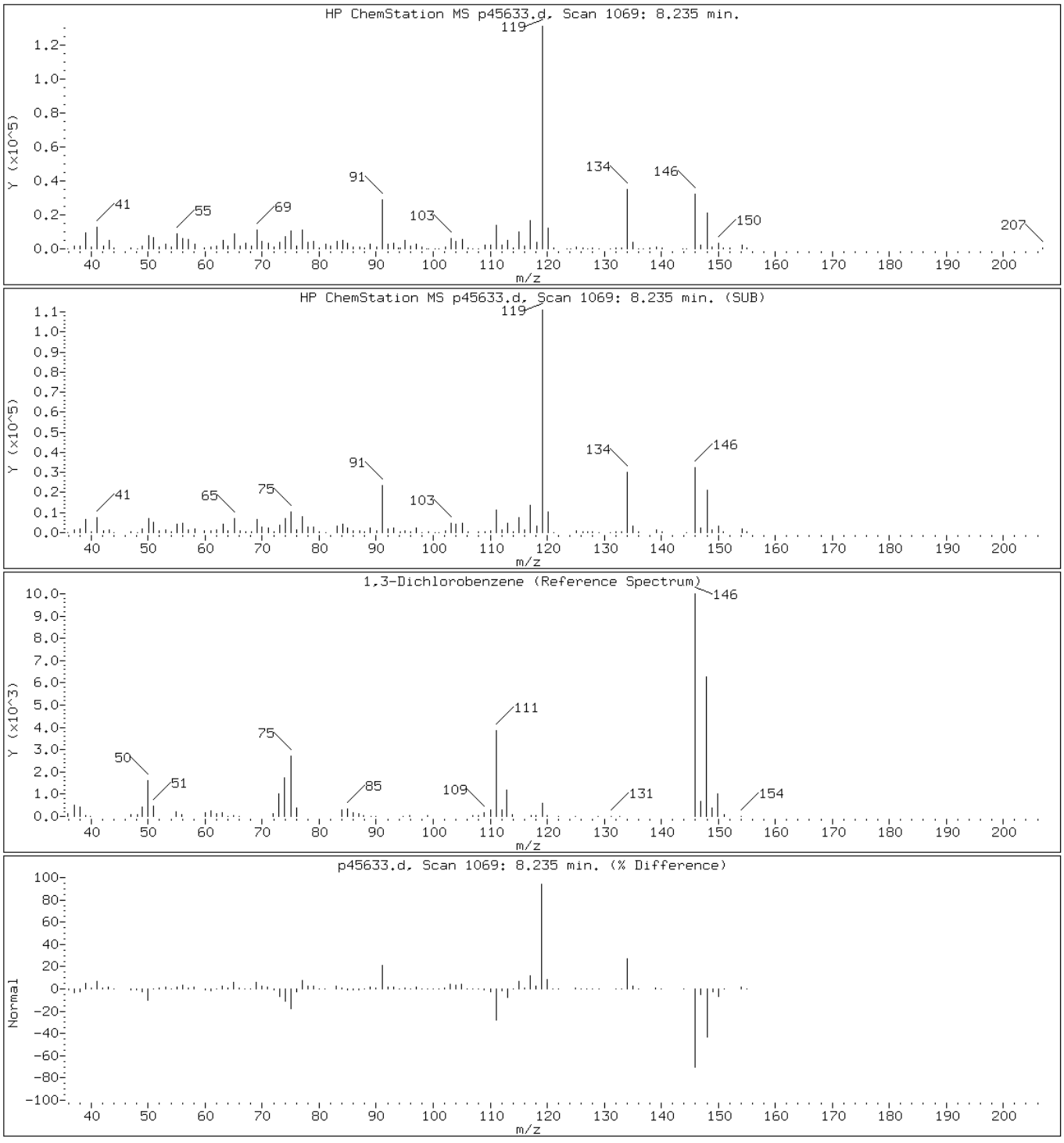
Data File: p45633.d

Date: 31-MAR-2011 14:48

Client ID: PMP-5-WT-E (8-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-18-A;100;;5.43;5 Operator:

105 1,3-Dichlorobenzene



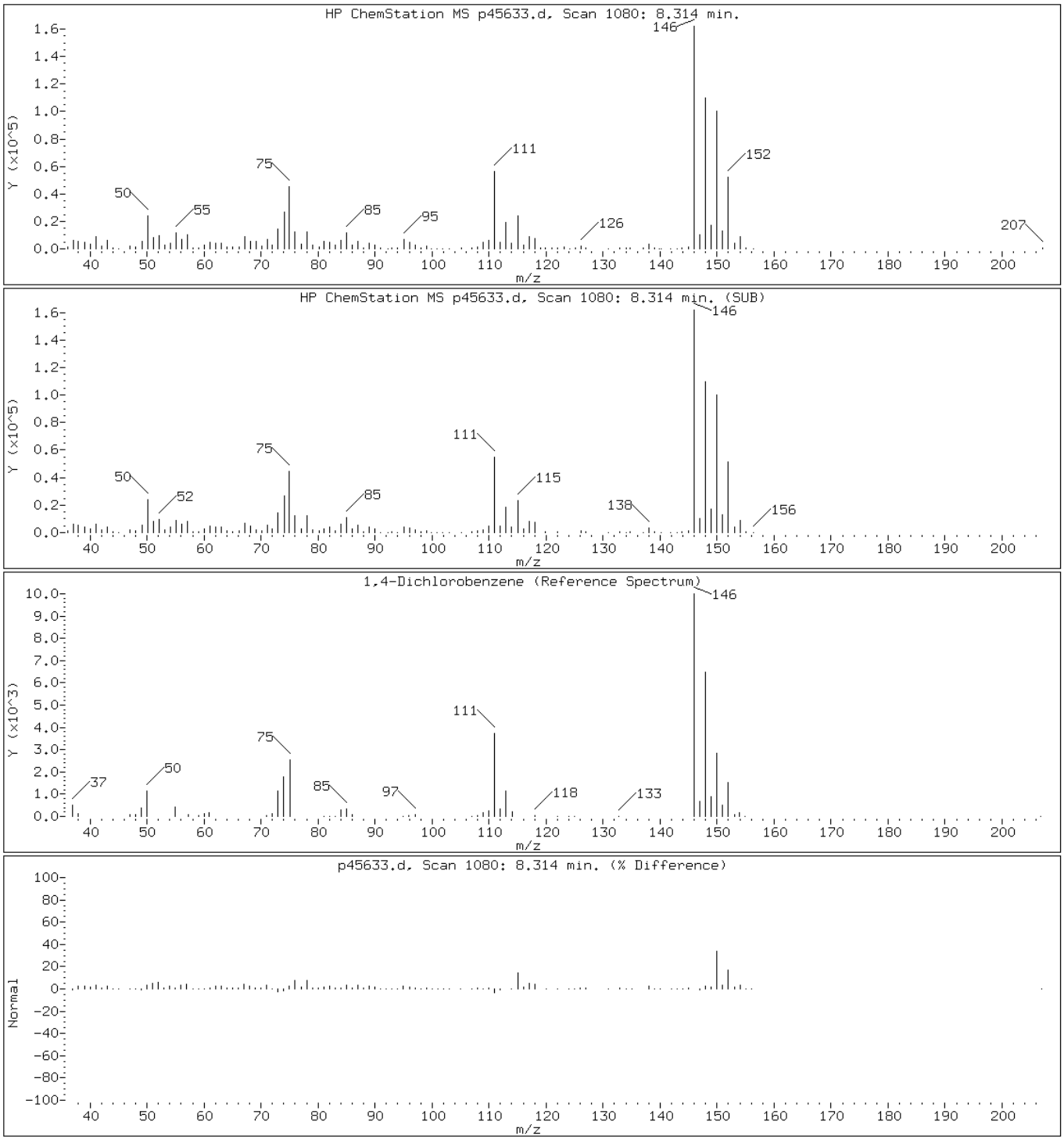
Data File: p45633.d

Date: 31-MAR-2011 14:48

Client ID: PMP-5-WT-E (8-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-18-A;100;;5.43;5 Operator:

109 1,4-Dichlorobenzene



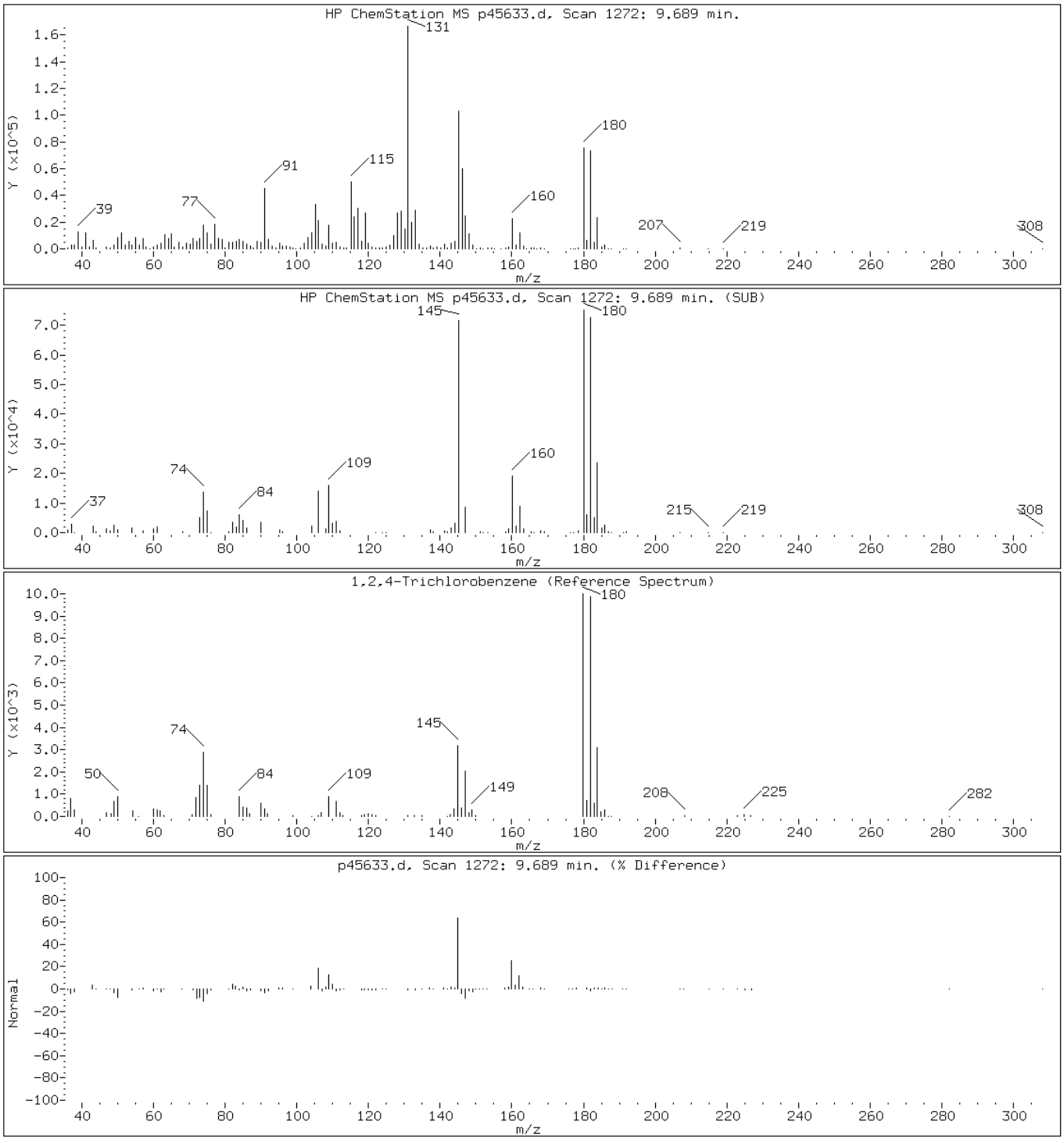
Data File: p45633.d

Date: 31-MAR-2011 14:48

Client ID: PMP-5-WT-E (8-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-18-A;100;;5.43;5 Operator:

114 1,2,4-Trichlorobenzene



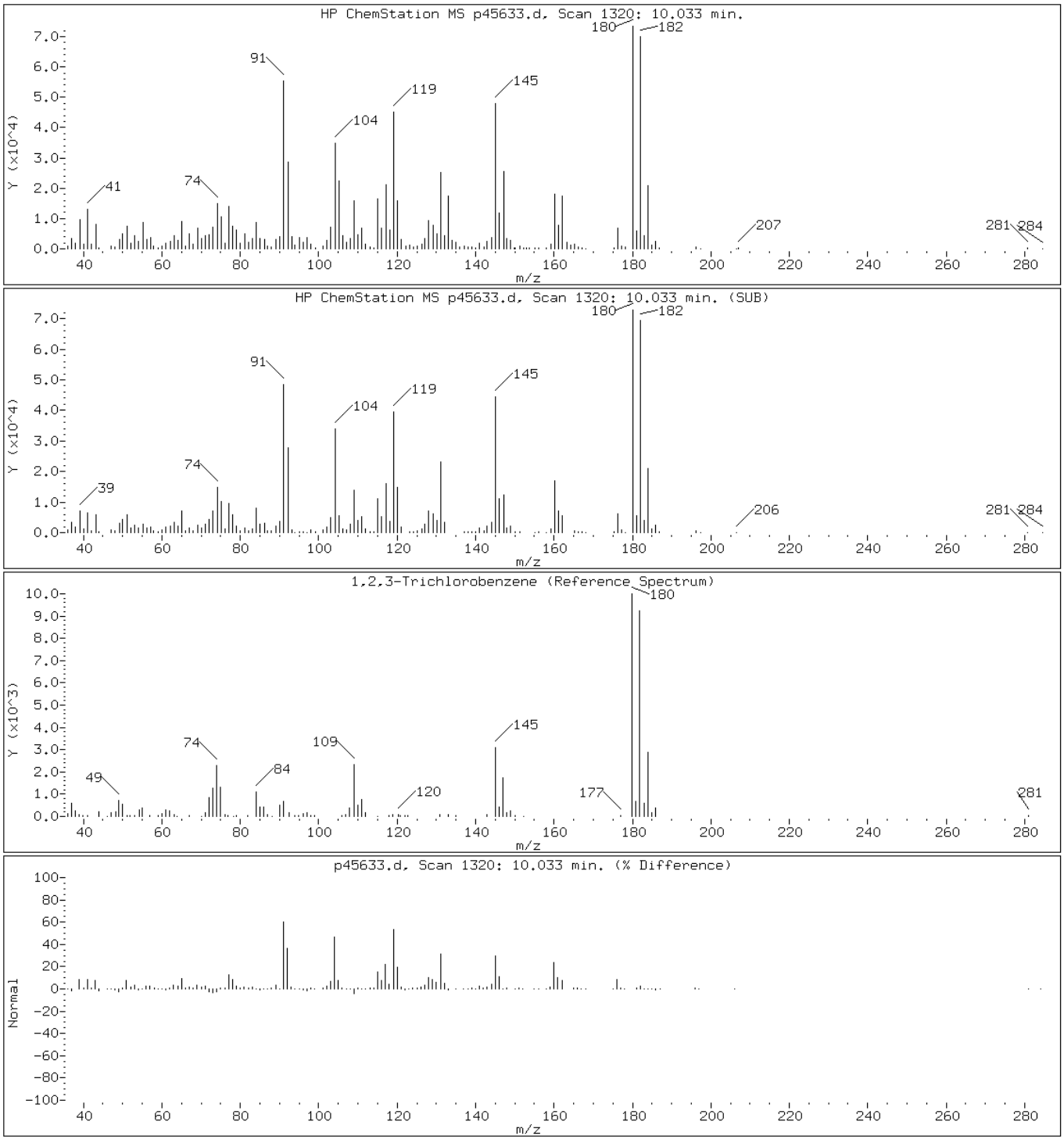
Data File: p45633.d

Date: 31-MAR-2011 14:48

Client ID: PMP-5-WT-E (8-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-18-A;100;;5.43;5 Operator:

117 1,2,3-Trichlorobenzene



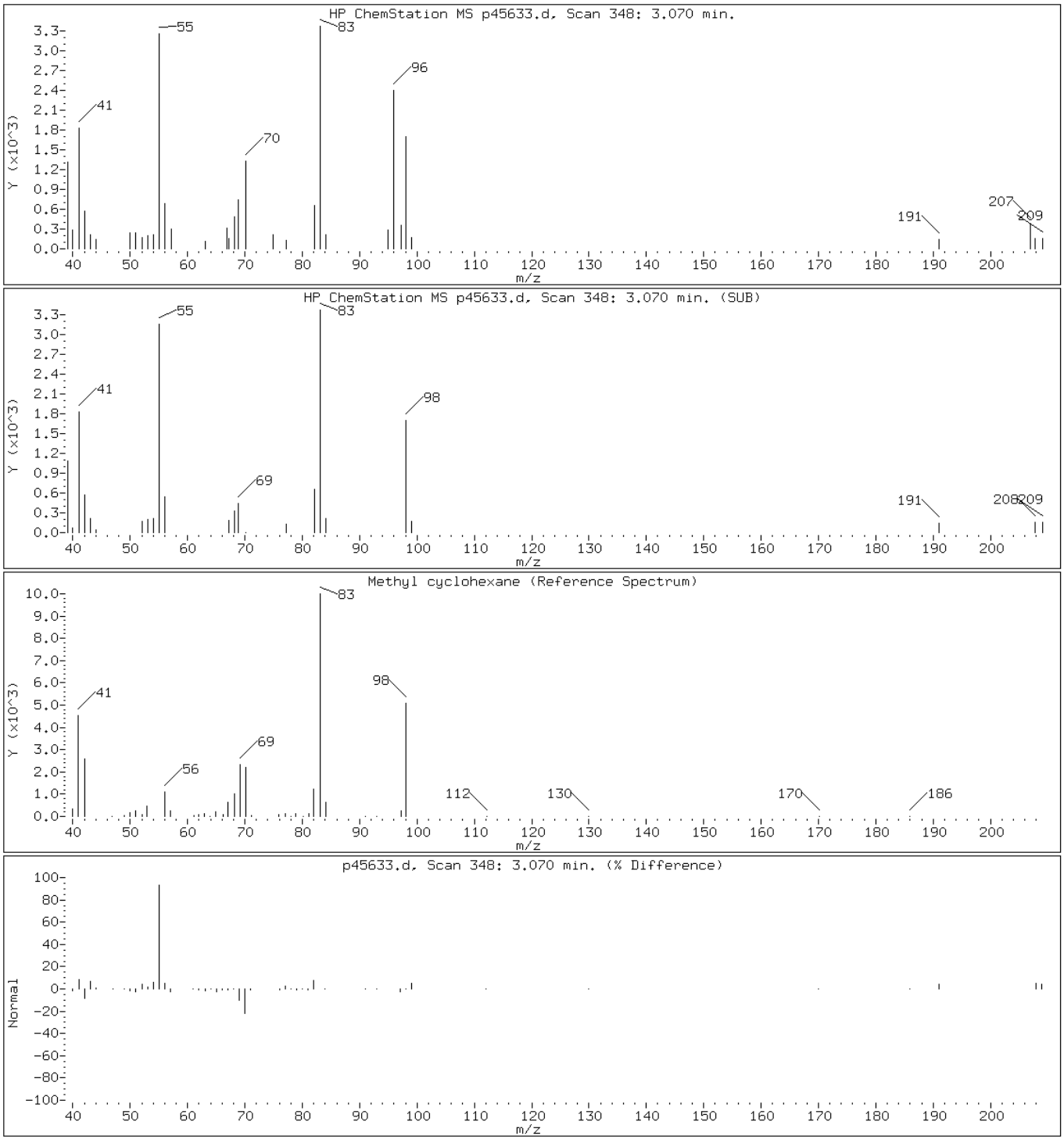
Data File: p45633.d

Date: 31-MAR-2011 14:48

Client ID: PMP-5-WT-E (8-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-18-A;100;;5.43;5 Operator:

56 Methyl cyclohexane



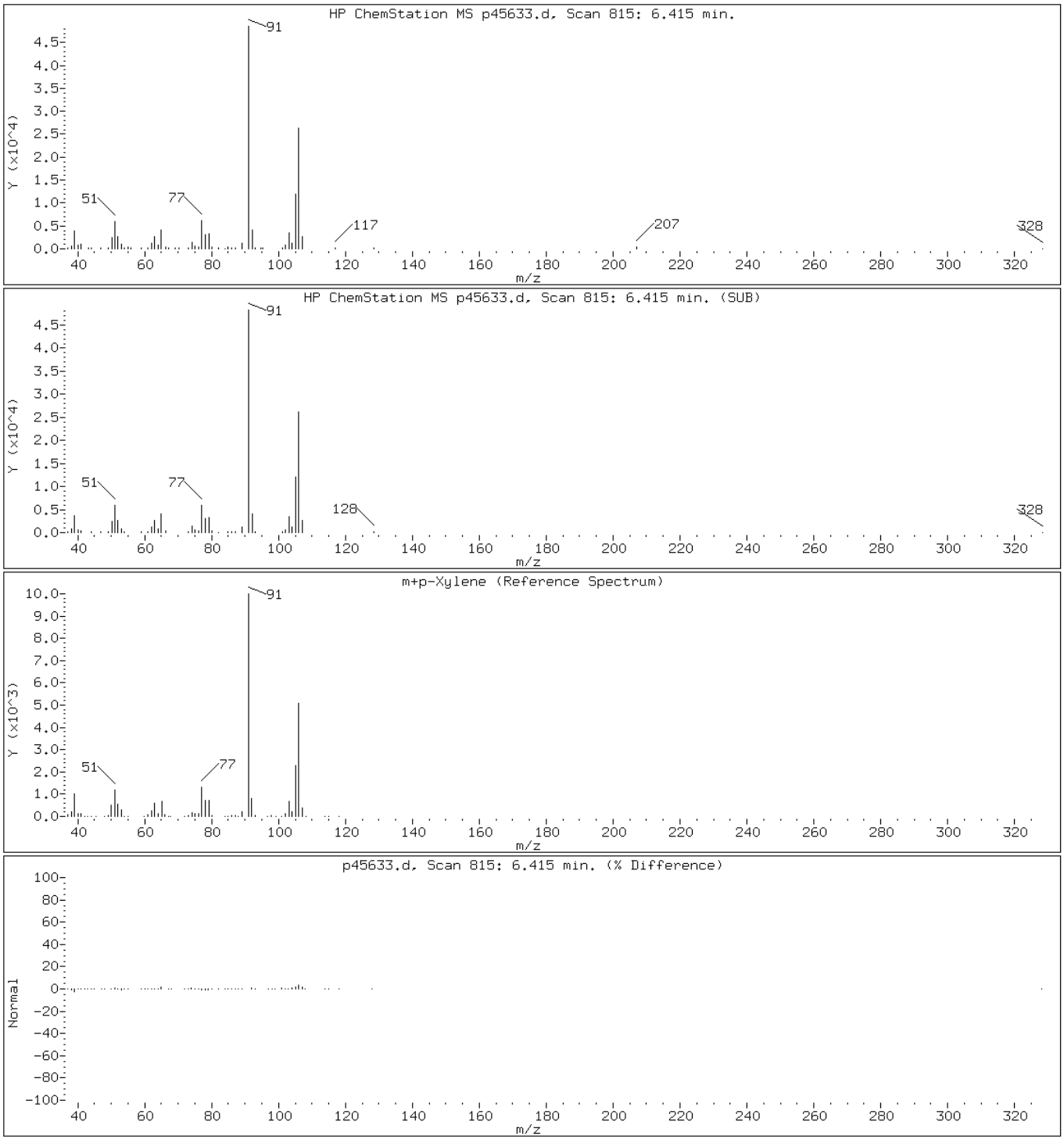
Data File: p45633.d

Date: 31-MAR-2011 14:48

Client ID: PMP-5-WT-E (8-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-18-A;100;;5.43;5 Operator:

82 m+p-Xylene



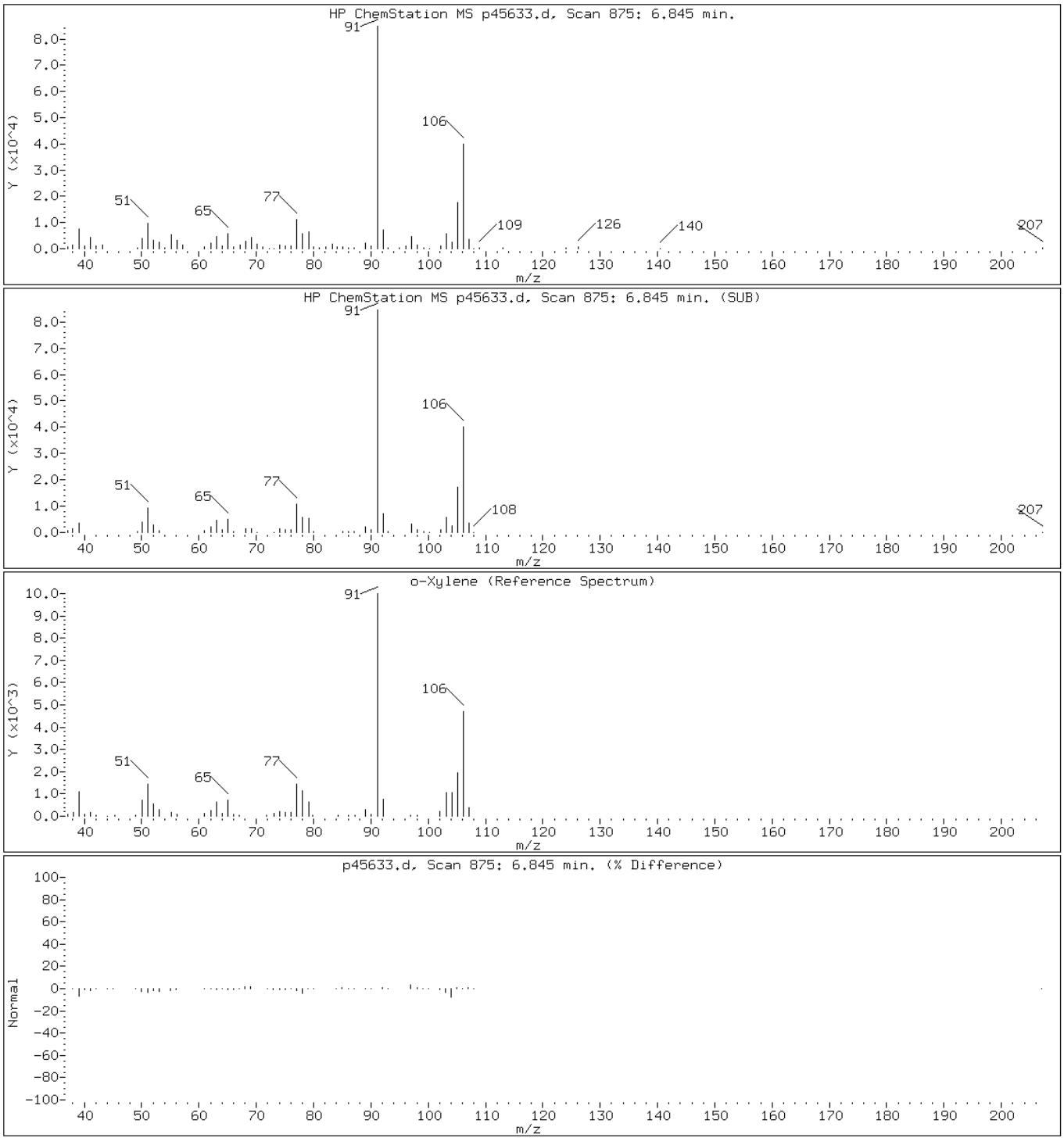
Data File: p45633.d

Date: 31-MAR-2011 14:48

Client ID: PMP-5-WT-E (8-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-18-A;100;;5.43;5 Operator:

84 o-Xylene



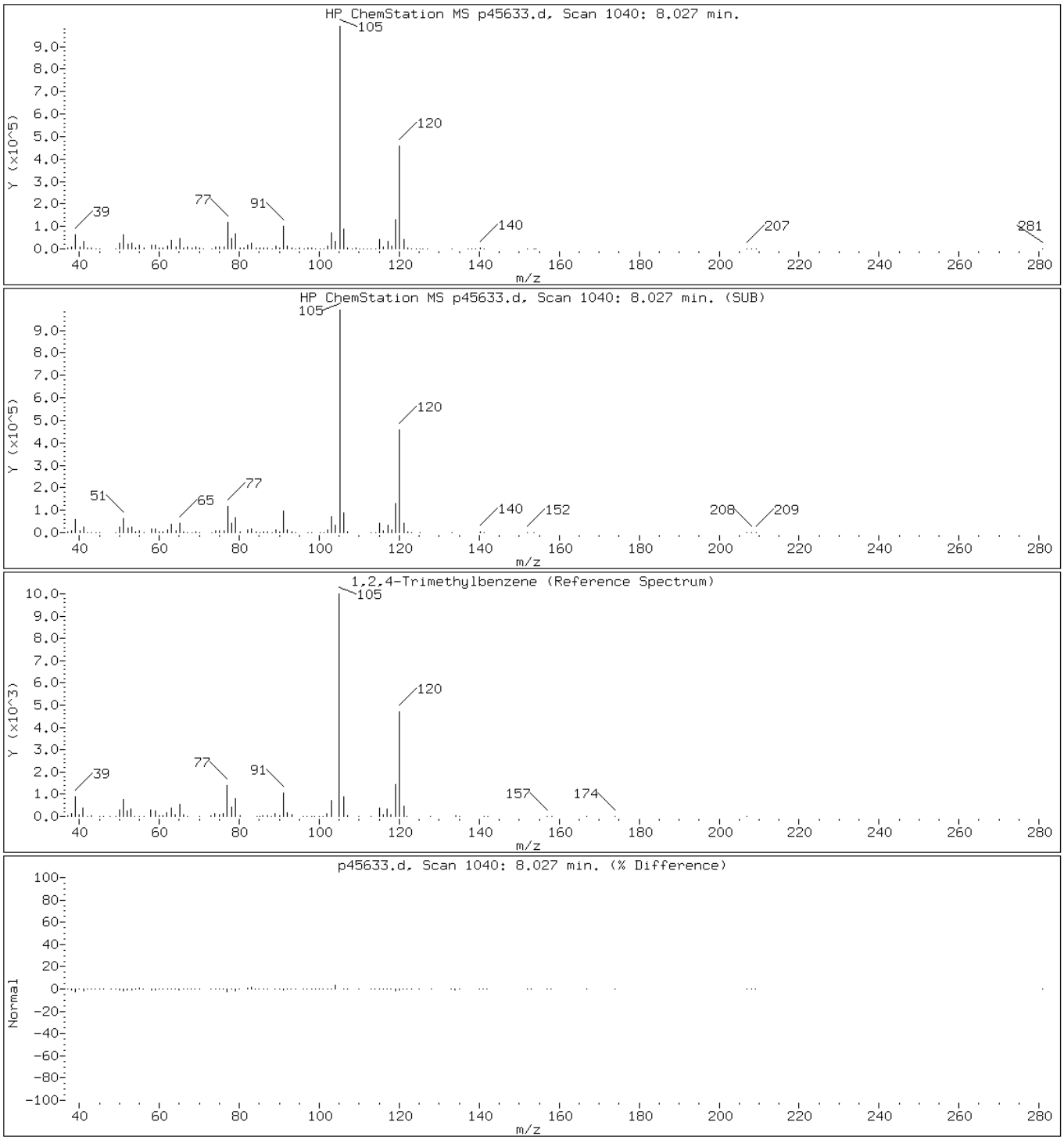
Data File: p45633.d

Date: 31-MAR-2011 14:48

Client ID: PMP-5-WT-E (8-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-18-A;100;;5.43;5 Operator:

101 1,2,4-Trimethylbenzene



Data File: p45633.d

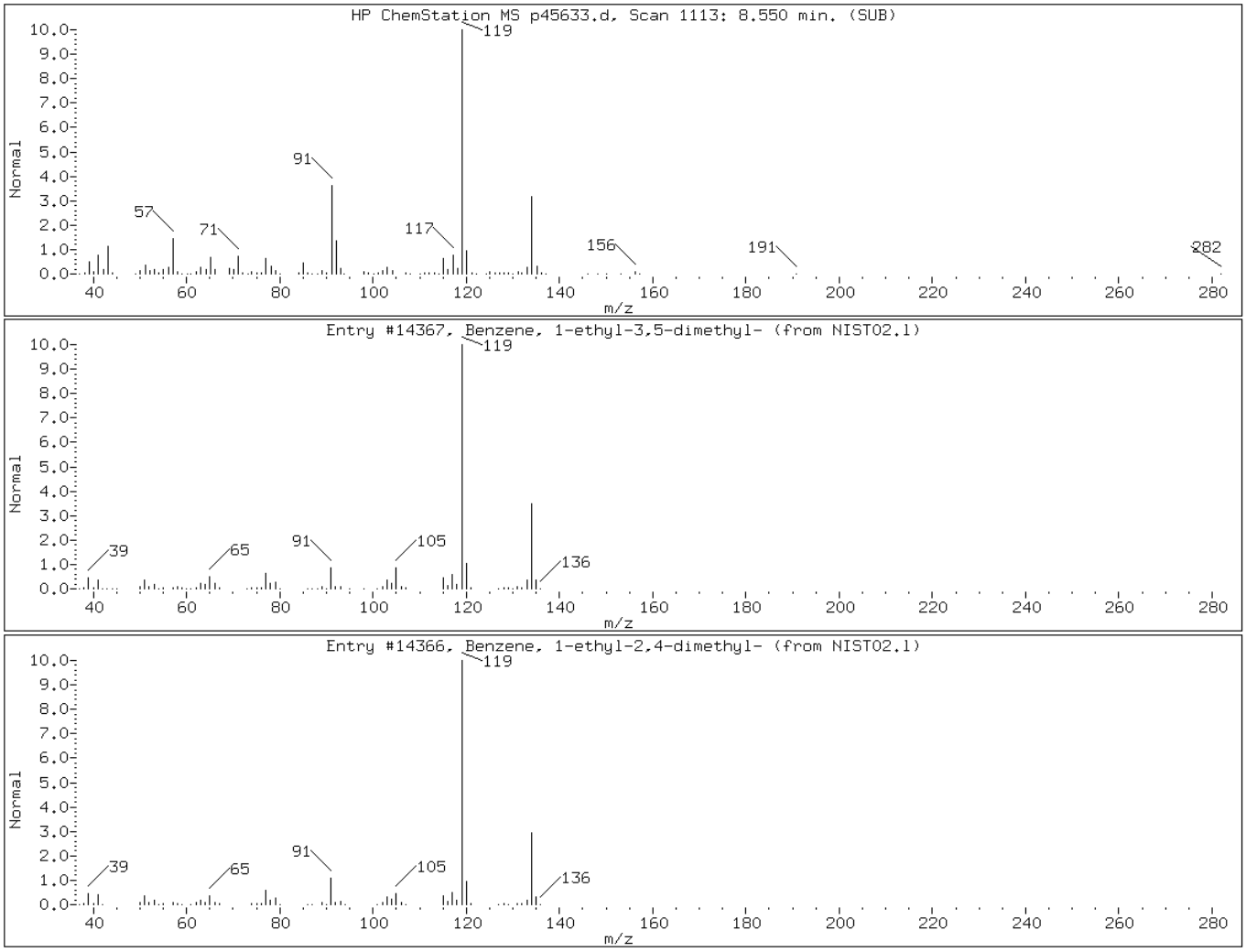
Date: 31-MAR-2011 14:48

Client ID: PMP-5-WT-E (8-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-18-A;100;;5.43;5 Operator:

Retention Time: 8.55

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.l	14367	93	C10H14	134
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14366	81	C10H14	134



Data File: p45633.d

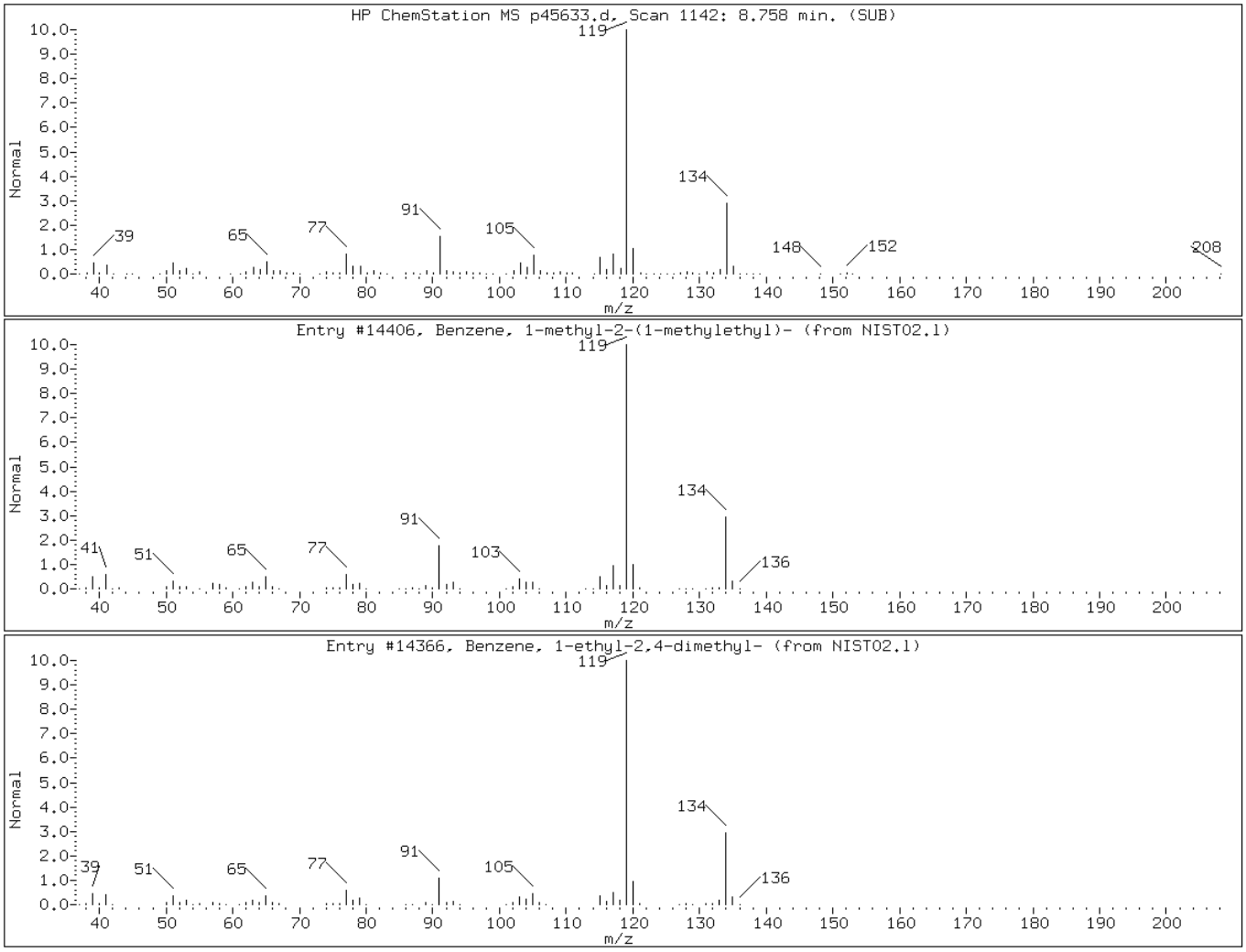
Date: 31-MAR-2011 14:48

Client ID: PMP-5-WT-E (8-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-18-A;100;;5.43;5 Operator:

Retention Time: 8.76

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	97	C10H14	134
Benzene, 1-ethyl-2,4-dimethyl-	874-41-9	NIST02.l	14366	97	C10H14	134



Data File: p45633.d

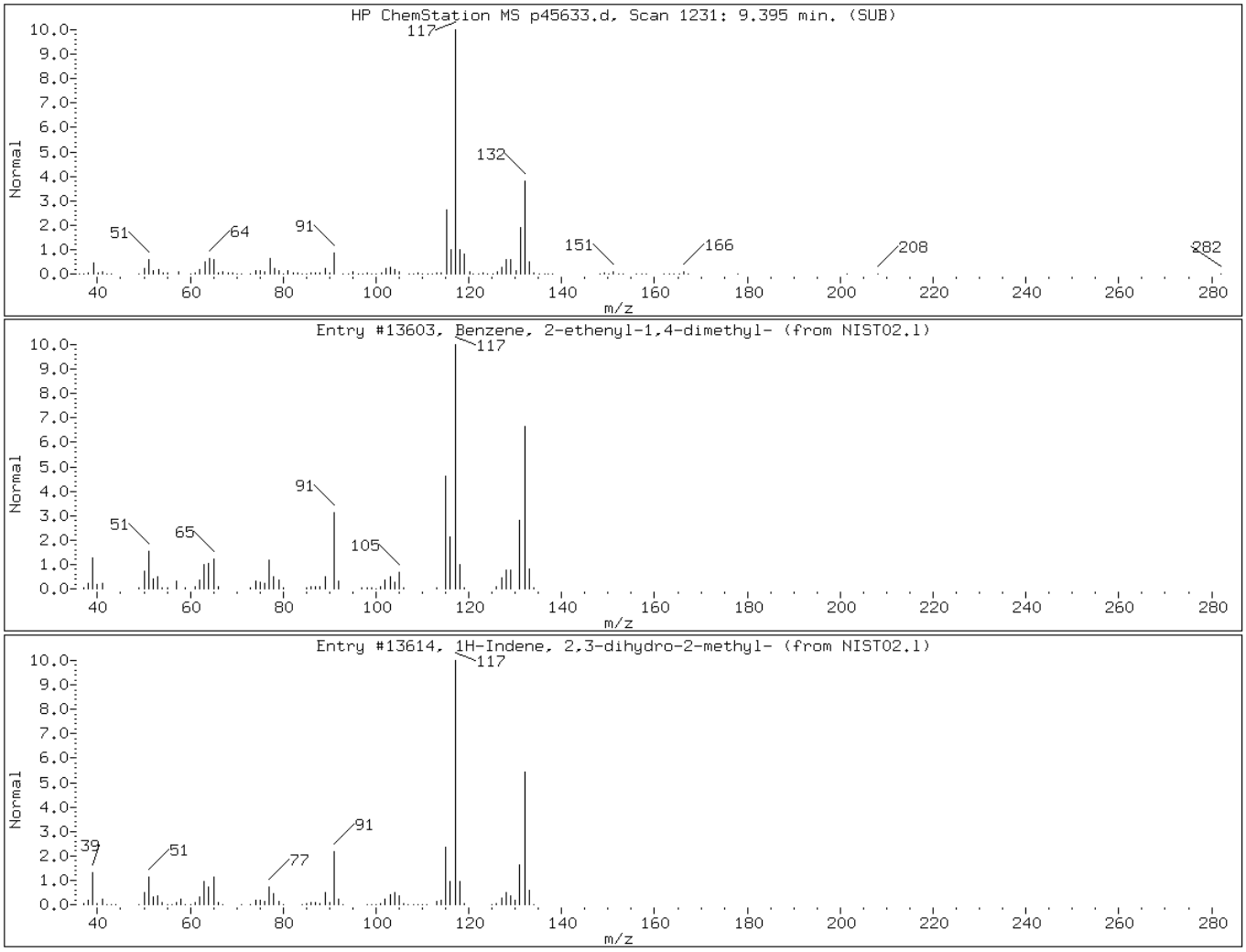
Date: 31-MAR-2011 14:48

Client ID: PMP-5-WT-E (8-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-18-A;100;;5.43;5 Operator:

Retention Time: 9.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-methyl-1H-Indene isome						
Benzene, 2-ethenyl-1,4-dimethyl-	2039-89-6	NIST02.l	13603	93	C10H12	132
1H-Indene, 2,3-dihydro-2-methyl-	824-63-5	NIST02.l	13614	91	C10H12	132



Data File: p45633.d

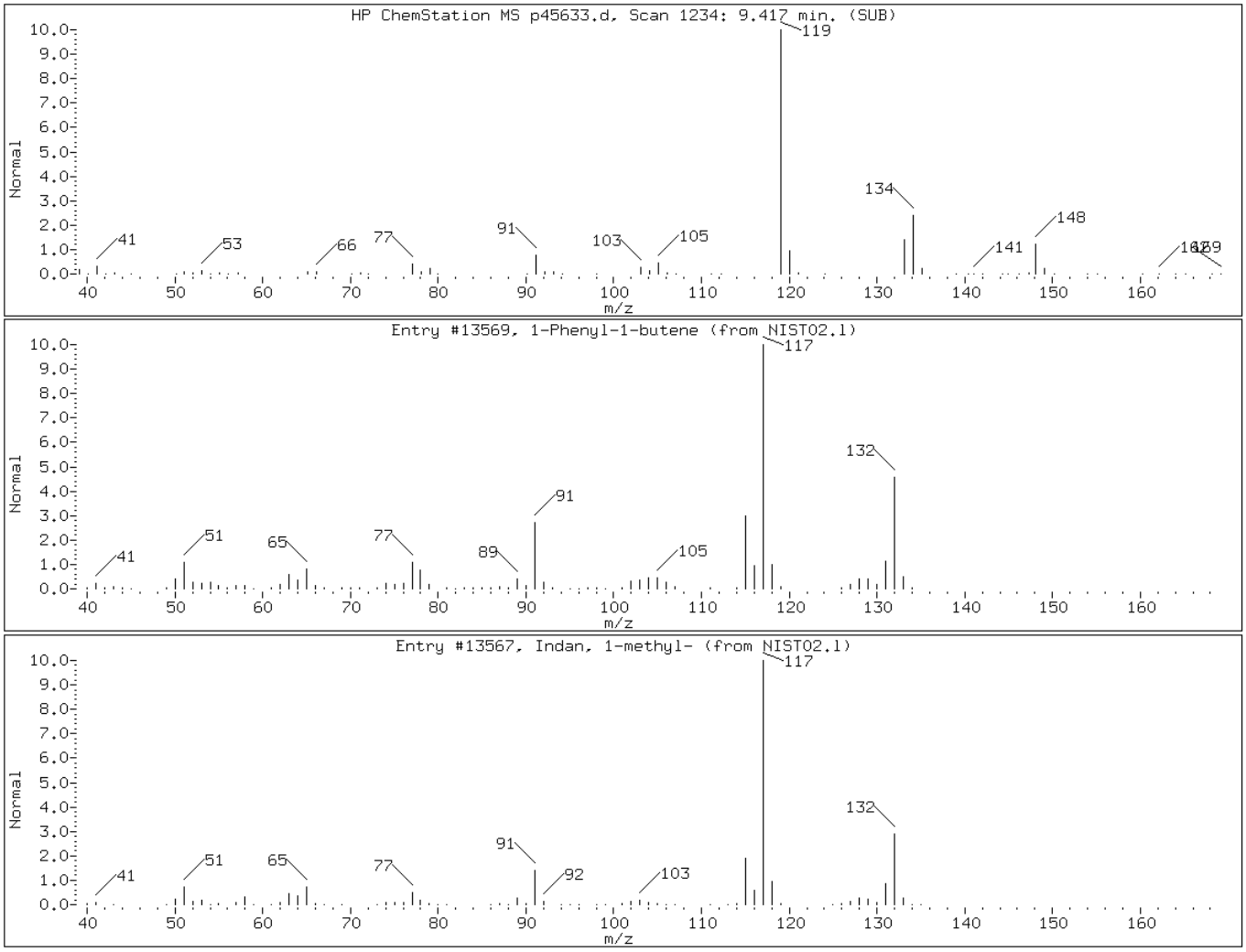
Date: 31-MAR-2011 14:48

Client ID: PMP-5-WT-E (8-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-18-A;100;;5.43;5 Operator:

Retention Time: 9.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aromatic-2						
1-Phenyl-1-butene	824-90-8	NIST02.l	13569	91	C10H12	132
Indan, 1-methyl-	767-58-8	NIST02.l	13567	90	C10H12	132



Data File: p45633.d

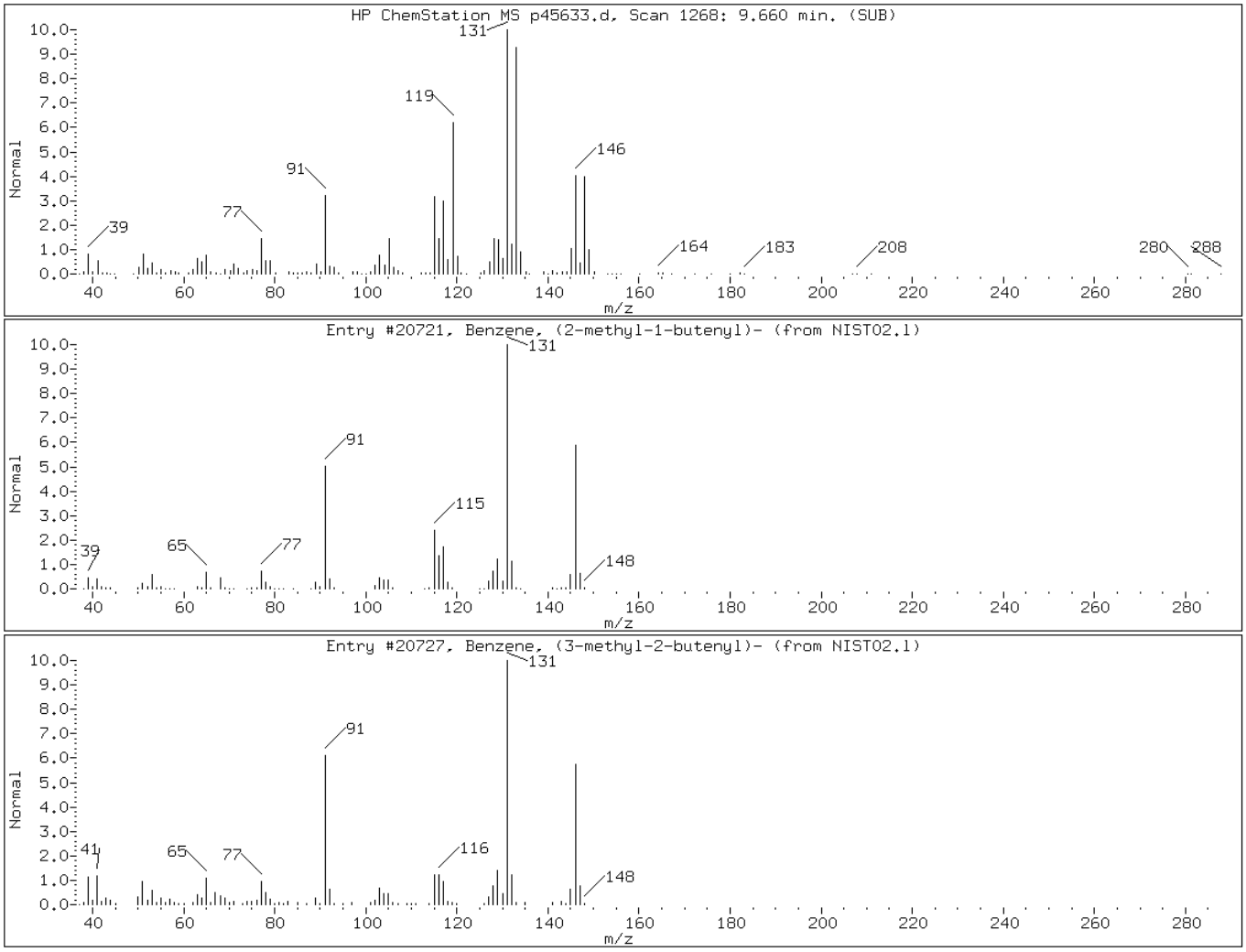
Date: 31-MAR-2011 14:48

Client ID: PMP-5-WT-E (8-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-18-A;100;;5.43;5 Operator:

Retention Time: 9.66

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H14 Aromatic						
Benzene, (2-methyl-1-butenyl)-	56253-64-6	NIST02.l	20721	86	C11H14	146
Benzene, (3-methyl-2-butenyl)-	4489-84-3	NIST02.l	20727	83	C11H14	146



Data File: p45633.d

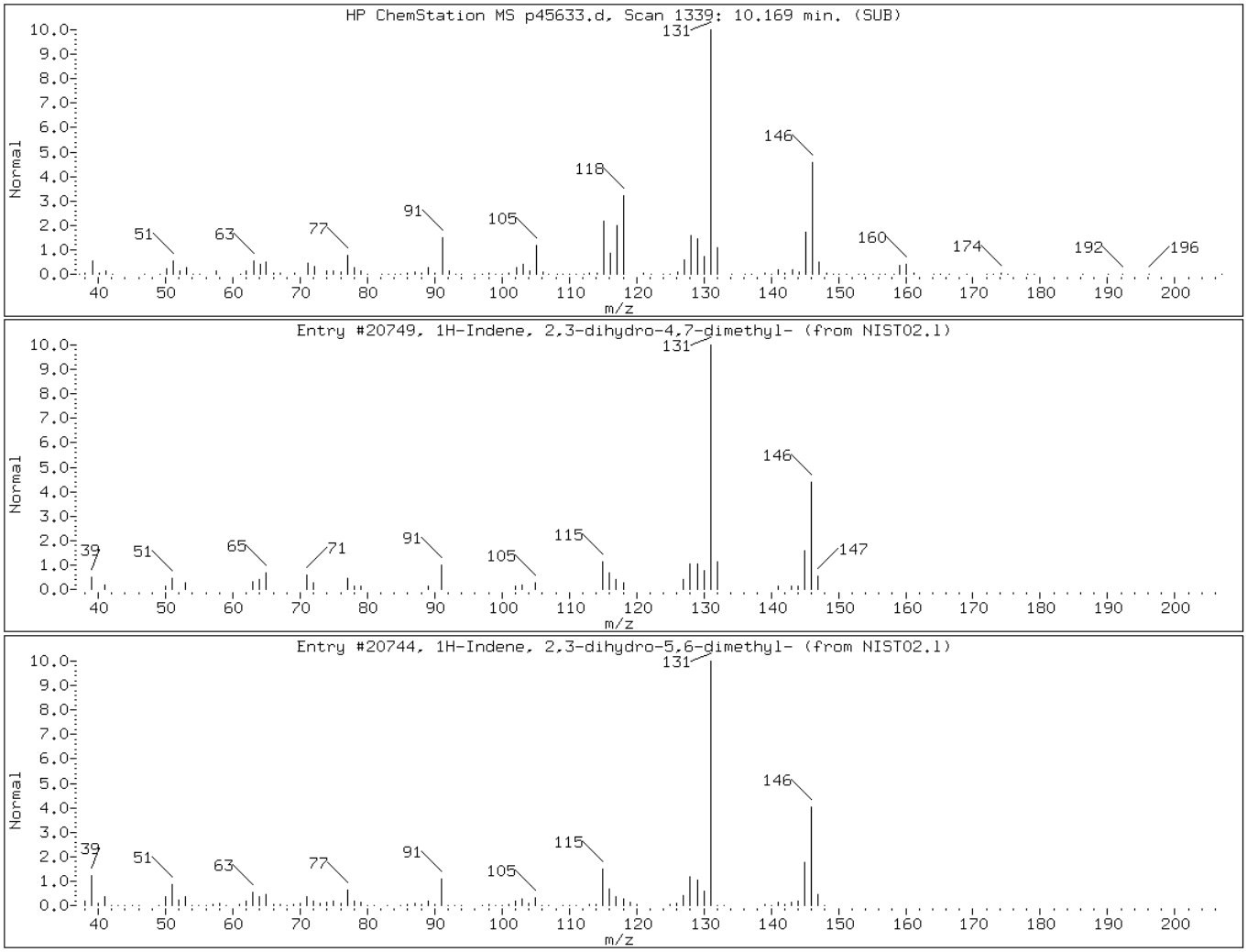
Date: 31-MAR-2011 14:48

Client ID: PMP-5-WT-E (8-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-18-A;100;;5.43;5 Operator:

Retention Time: 10.17

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	20749	95	C11H14	146
1H-Indene, 2,3-dihydro-5,6-dimethy	1075-22-5	NIST02.l	20744	94	C11H14	146



Data File: p45633.d

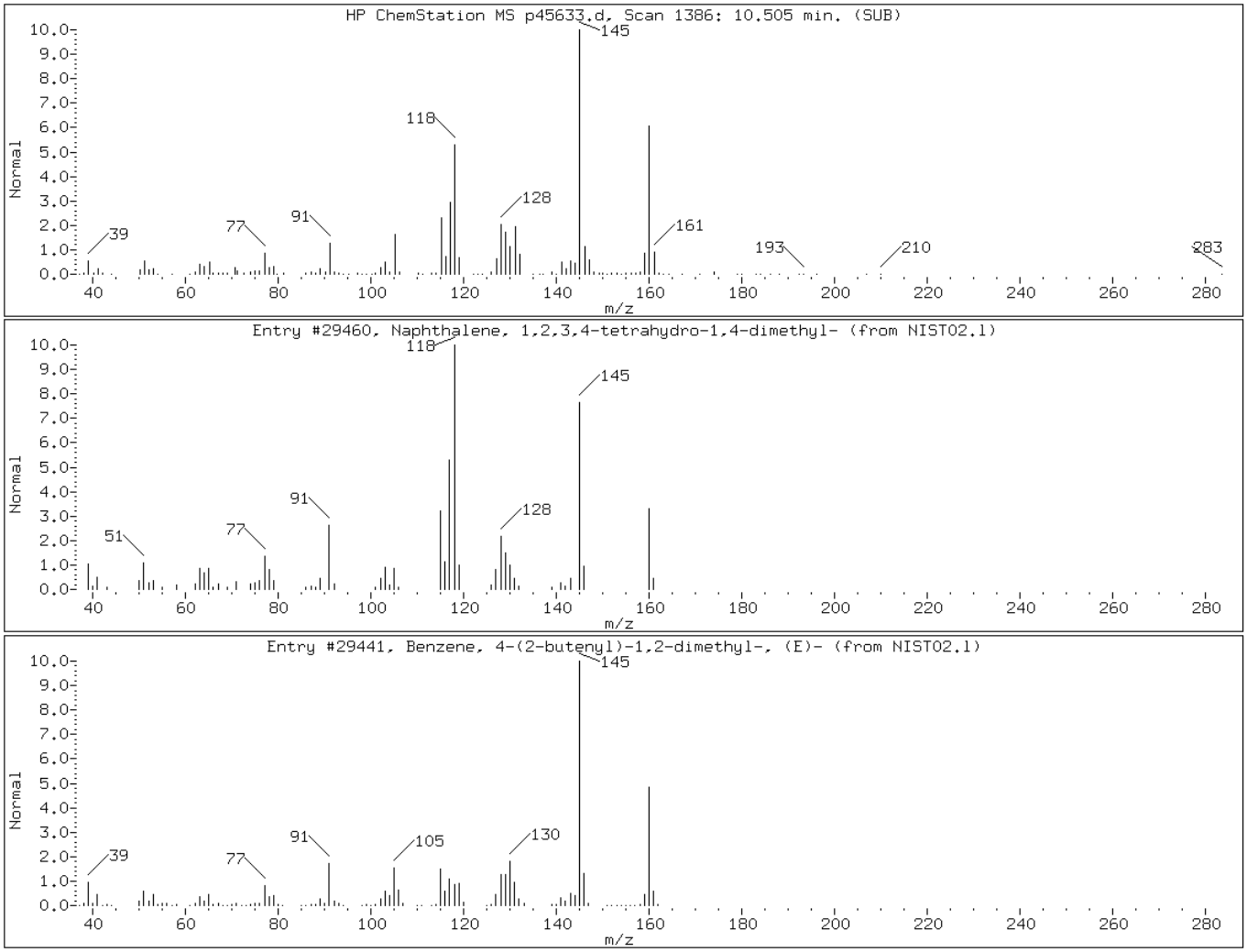
Date: 31-MAR-2011 14:48

Client ID: PMP-5-WT-E (8-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-18-A;100;;5.43;5 Operator:

Retention Time: 10.51

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrahydrodimethylnaphthalene isom						
Naphthalene, 1,2,3,4-tetrahydro-1,	4175-54-6	NIST02.l	29460	97	C12H16	160
Benzene, 4-(2-butenyl)-1,2-dimethy	54340-86-2	NIST02.l	29441	90	C12H16	160



Data File: p45633.d

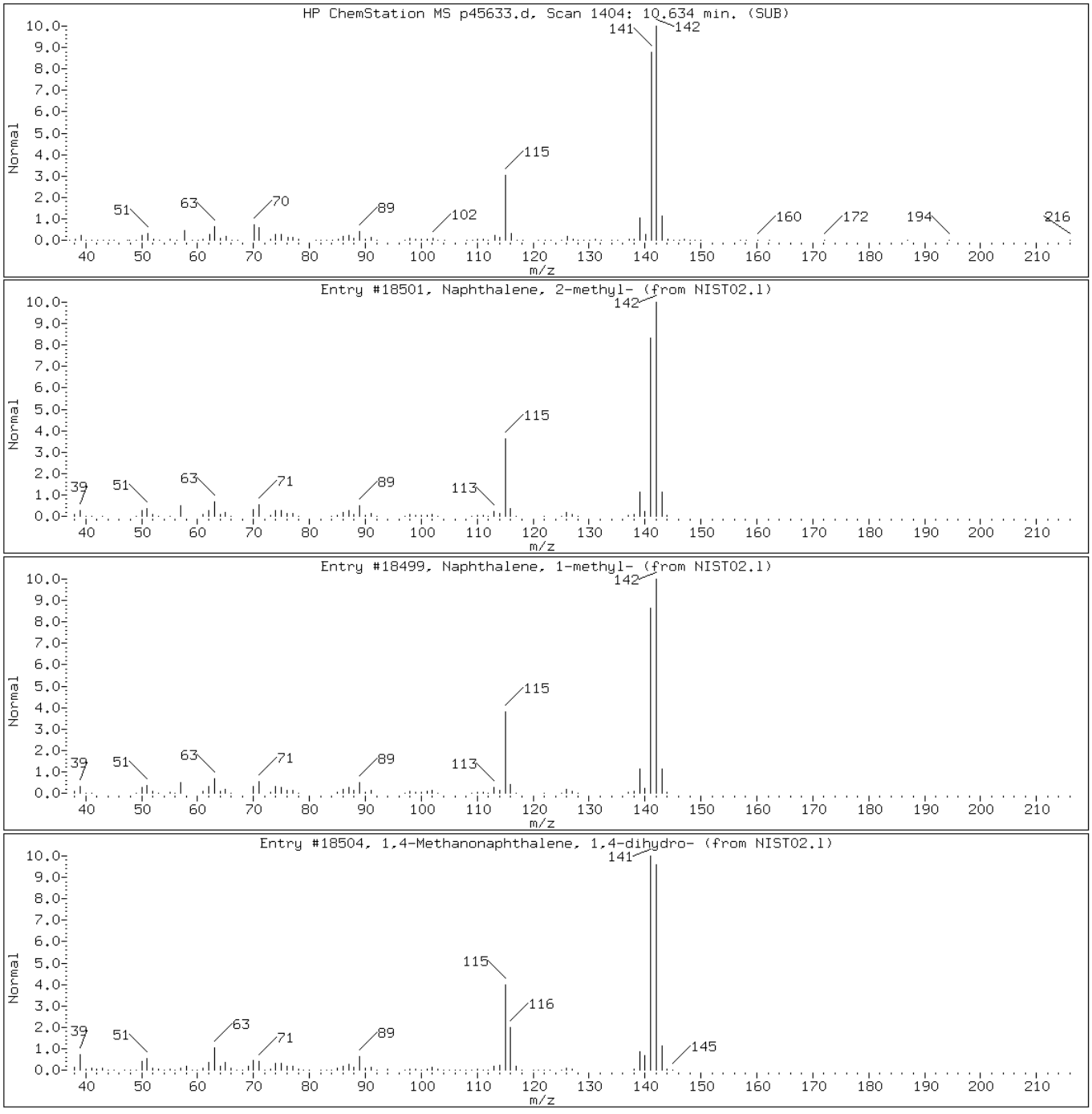
Date: 31-MAR-2011 14:48

Client ID: PMP-5-WT-E (8-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-18-A;100;;5.43;5 Operator:

Retention Time: 10.63

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



Data File: p45633.d

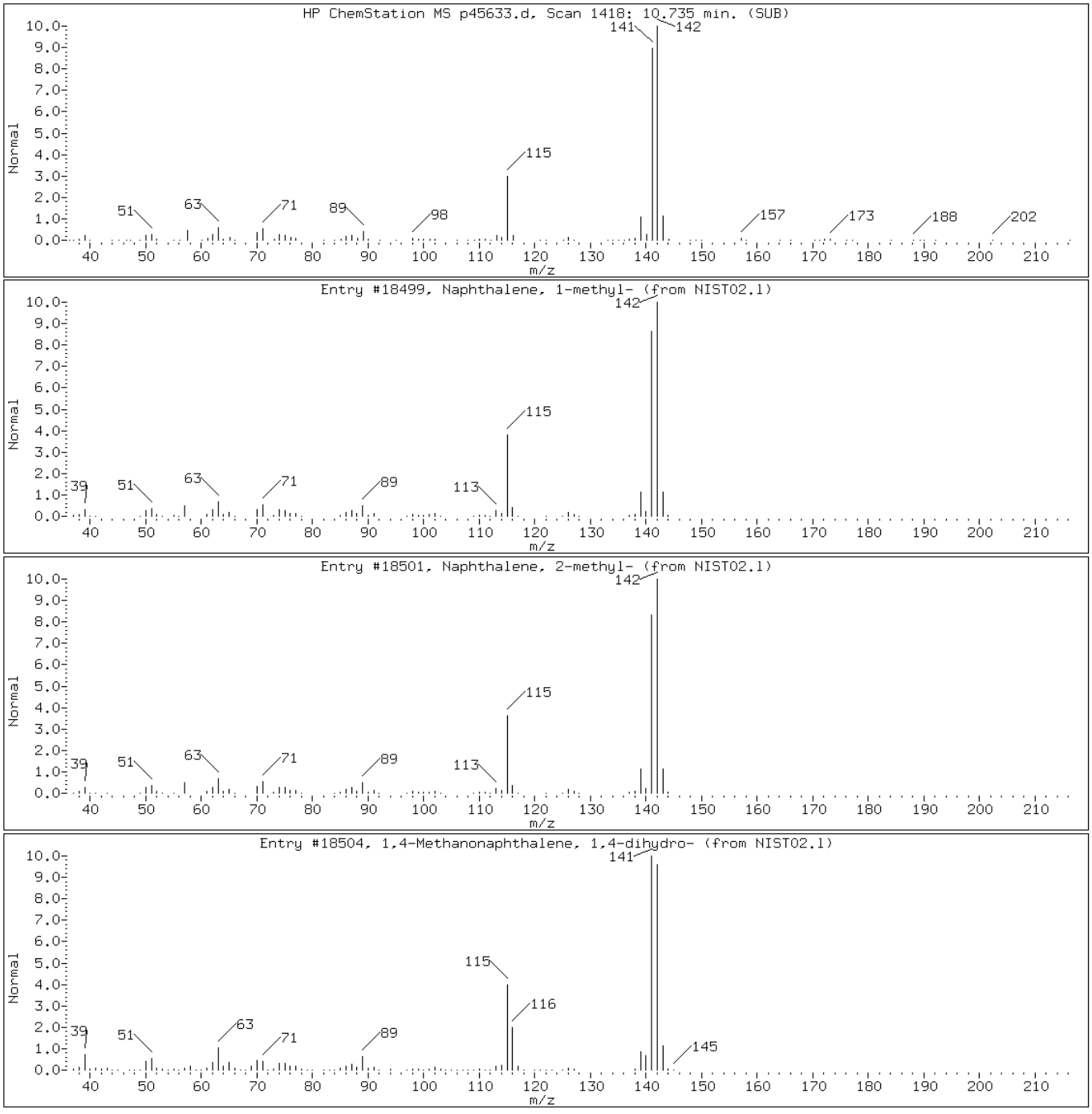
Date: 31-MAR-2011 14:48

Client ID: PMP-5-WT-E (8-8.5) Instrument: VOAMS13.i

Sample Info: 460-24280-D-18-A;100;;5.43;5 Operator:

Retention Time: 10.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 1-methyl-	90-12-0	NIST02.l	18499	94	C11H10	142
Naphthalene, 2-methyl-	91-57-6	NIST02.l	18501	95	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.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5SI-E (10.5-11) | Lab Sample ID: 460-24280-19

Matrix: Solid | Lab File ID: p45592.d

Analysis Method: 8260B | Date Collected: 03/17/2011 12:05

Sample wt/vol: 5.86(g) | Date Analyzed: 03/30/2011 18:02

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.0 | Level: (low/med) Medium

Analysis Batch No.: 68934 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	99	U	99	21
74-83-9	Bromomethane	99	U	99	31
75-01-4	Vinyl chloride	99	U	99	12
75-00-3	Chloroethane	99	U	99	44
75-09-2	Methylene Chloride	99	U	99	19
67-64-1	Acetone	810	J	990	250
75-15-0	Carbon disulfide	120		99	14
75-69-4	Trichlorofluoromethane	99	U *	99	16
75-35-4	1,1-Dichloroethene	99	U	99	14
75-34-3	1,1-Dichloroethane	99	U	99	9.9
156-60-5	trans-1,2-Dichloroethene	99	U	99	14
156-59-2	cis-1,2-Dichloroethene	99	U	99	19
67-66-3	Chloroform	99	U	99	15
78-93-3	2-Butanone	990	U	990	81
107-06-2	1,2-Dichloroethane	99	U	99	24
71-55-6	1,1,1-Trichloroethane	99	U	99	25
56-23-5	Carbon tetrachloride	99	U	99	18
71-43-2	Benzene	99	U	99	12
75-25-2	Bromoform	99	U	99	9.8
100-42-5	Styrene	99	U	99	14
100-41-4	Ethylbenzene	330		99	24
108-90-7	Chlorobenzene	99	U	99	16
110-82-7	Cyclohexane	99	U	99	12
98-82-8	Isopropylbenzene	190		99	21
591-78-6	2-Hexanone	990	U	990	54
1634-04-4	MTBE	99	U	99	18
76-13-1	Freon TF	99	U	99	29
79-20-9	Methyl acetate	200	U	200	33
123-91-1	1,4-Dioxane	5000	U	5000	840
79-01-6	Trichloroethene	290		99	18
108-88-3	Toluene	160		99	9.4
10061-02-6	trans-1,3-Dichloropropene	99	U	99	12
108-10-1	4-Methyl-2-pentanone	990	U	990	68
10061-01-5	cis-1,3-Dichloropropene	99	U	99	10
95-50-1	1,2-Dichlorobenzene	490		99	16
541-73-1	1,3-Dichlorobenzene	270		99	22

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5SI-E (10.5-11) | Lab Sample ID: 460-24280-19

Matrix: Solid | Lab File ID: p45592.d

Analysis Method: 8260B | Date Collected: 03/17/2011 12:05

Sample wt/vol: 5.86(g) | Date Analyzed: 03/30/2011 18:02

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 100

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.0 | Level: (low/med) Medium

Analysis Batch No.: 68934 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1200		99	15
120-82-1	1,2,4-Trichlorobenzene	640		99	43
87-61-6	1,2,3-Trichlorobenzene	970		99	82
78-87-5	1,2-Dichloropropane	99	U	99	8.7
108-87-2	Methylcyclohexane	99		99	7.9
127-18-4	Tetrachloroethene	20	J	99	19
1330-20-7	Xylenes, Total	1000		300	43
96-12-8	1,2-Dibromo-3-Chloropropane	99	U	99	15
79-34-5	1,1,2,2-Tetrachloroethane	99	U	99	8.6
79-00-5	1,1,2-Trichloroethane	99	U	99	9.7
124-48-1	Dibromochloromethane	99	U	99	10
106-93-4	1,2-Dibromoethane	99	U	99	9.1
75-71-8	Dichlorodifluoromethane	99	U	99	28
74-97-5	Bromochloromethane	99	U	99	17
75-27-4	Bromodichloromethane	99	U	99	8.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	62		57-135
2037-26-5	Toluene-d8 (Surr)	68		46-130
460-00-4	Bromofluorobenzene	80		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5SI-E (10.5-11) Lab Sample ID: 460-24280-19

Matrix: Solid Lab File ID: p45592.d

Analysis Method: 8260B Date Collected: 03/17/2011 12:05

Sample wt/vol: 5.86(g) Date Analyzed: 03/30/2011 18:02

Soil Aliquot Vol: 5 (mL) Dilution Factor: 100

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.0 Level: (low/med) Medium

Analysis Batch No.: 68934 Units: ug/Kg

Number TICs Found: 10 TIC Result Total: 41500

CAS NO.	COMPOUND NAME	RT	RESULT	Q
95-63-6	1,2,4-Trimethylbenzene	8.03	3800	
	Ethyldimethylbenzene isomer	8.55	3100	J
	2,3-dihydro-methyl-1H-Indene isomer	9.40	3600	J
	Tetramethylbenzene isomer-1	9.42	3000	J
	C11H14 Aromatic/C11H16 Aromatic	9.66	3200	J
91-20-3	Naphthalene	9.90	3600	
	2,3-dihydro-dimethyl-1H-Indene isomer-1	10.17	4300	J
91-57-6	Naphthalene, 2-methyl-	10.63	7900	J N
90-12-0	Naphthalene, 1-methyl-	10.73	4800	J N
	Dimethylnaphthalene isomer-1	11.36	4200	J

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45592.d
Report Date: 31-Mar-2011 16:47

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45592.d
Lab Smp Id: 460-24280-D-19-A Client Smp ID: PMP-5SI-E (10.5-11)
Inj Date : 30-MAR-2011 18:02
Operator : Inst ID: VOAMS13.i
Smp Info : 460-24280-D-19-A;100;;5.86;5
Misc Info : 460-24280-D-19-A
Comment   :
Method   : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/8260_09.m
Meth Date : 30-Mar-2011 10:34 desais Quant Type: ISTD
Cal Date : 03-MAR-2011 04:37 Cal File: p44665.d
Als bottle: 20
Dil Factor: 100.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.86000	Weight of sample extracted (g)
M	13.95349	% 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 Acetone	58	1.487	1.480	(0.501)	1908	8.18216	810(a)
	18 Carbon Disulfide	76	1.194	1.201	(0.402)	9811	1.19222	120
$	47 1,2-Dichloroethane-d4 (SUR)	65	2.762	2.769	(0.930)	51092	15.5609	1500
*	52 Fluorobenzene	96	2.970	2.970	(1.000)	622244	50.0000	
	54 Trichloroethene	95	3.099	3.099	(1.043)	8184	2.89462	290
	56 Methyl cyclohexane	83	3.070	3.077	(1.034)	3965	0.99870	99(a)
$	65 Toluene-d8 (SUR)	98	4.374	4.374	(0.714)	193498	16.9355	1700
	66 Toluene	91	4.424	4.424	(0.722)	22191	1.58353	160
	71 Tetrachloroethene	166	4.811	4.811	(0.785)	655	0.20508	20(a)
*	78 Chlorobenzene-d5	117	6.129	6.129	(1.000)	504324	50.0000	
	81 Ethylbenzene	106	6.236	6.236	(1.018)	15493	3.34820	330
	82 m+p-Xylene	106	6.415	6.415	(1.047)	27690	4.67569	460
	84 o-Xylene	106	6.845	6.845	(1.117)	32036	5.77862	570
	88 Isopropylbenzene	105	7.167	7.167	(1.169)	25864	1.96363	190

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45592.d
Report Date: 31-Mar-2011 16:47

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
$	89 Bromofluorobenzene (SUR)	174	7.390	7.389	(0.890)	85774	20.0992	2000
	95 n-Propylbenzene	91	7.540	7.533	(0.908)	51895	2.90516	290
	97 1,3,5-Trimethylbenzene	105	7.726	7.726	(0.931)	157028	12.6357	1200
	101 1,2,4-Trimethylbenzene	105	8.027	8.027	(0.967)	503448	37.9315	3800
	103 sec-Butylbenzene	105	8.106	8.106	(0.977)	61123	4.18971	420
	105 1,3-Dichlorobenzene	146	8.235	8.235	(0.992)	21327	2.71590	270
*	108 1,4-Dichlorobenzene-d4	152	8.299	8.299	(1.000)	302625	50.0000	
	109 1,4-Dichlorobenzene	146	8.314	8.306	(1.002)	100383	12.3910	1200
	106 n-Butylbenzene	91	8.550	8.550	(1.030)	91062	7.69320	760
	111 1,2-Dichlorobenzene	146	8.614	8.614	(1.038)	36547	4.92390	490
	114 1,2,4-Trichlorobenzene	180	9.689	9.689	(1.167)	32095	6.43816	640
	116 Naphthalene	128	9.904	9.904	(1.193)	388597	36.3998	3600
	117 1,2,3-Trichlorobenzene	180	10.033	10.033	(1.209)	41008	9.76093	970
M	121 Xylene (Total)	100				59726	10.4543	1000

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45592.d
Report Date: 31-Mar-2011 16:47

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45592.d
Lab Smp Id: 460-24280-D-19-A Client Smp ID: PMP-5SI-E (10.5-11)
Inj Date : 30-MAR-2011 18:02
Operator : Inst ID: VOAMS13.i
Smp Info : 460-24280-D-19-A;100;;5.86;5
Misc Info : 460-24280-D-19-A
Comment   :
Method   : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/8260_09.m
Meth Date : 30-Mar-2011 10:34 desais Quant Type: ISTD
Cal Date : 03-MAR-2011 04:37 Cal File: p44665.d
Als bottle: 20
Dil Factor: 100.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * (Vt/Ws)/((100-M)/100) * CpndVariable

Name	Value	Description
DF	100.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.86000	Weight of sample extracted (g)
M	13.95349	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 108 1,4-Dichlorobenzene-d4	8.299	2460693	50.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Ethyldimethylbenzene isomer					CAS #:		
8.550	1528306	31.0543902	3100	0		0	108(L)
Ethyldimethylbenzene isomer-1					CAS #:		
8.758	1155489	23.4789428	2300	0		0	108

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45592.d
Report Date: 31-Mar-2011 16:47

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Ethyldimethylbenzene isomer-2					CAS #:		
8.815	992755	20.1722646	2000	0		0	108
C11H16 Aromatic					CAS #:		
8.901	627786	12.7562878	1300	0		0	108(M)
Tetramethylbenzene isomer					CAS #:		
9.137	874649	17.7724049	1800	0		0	108(L)
C10H12 Aromatic/C11H14 Aromatic					CAS #:		
9.273	832104	16.9079141	1700	0		0	108(M)
2,3-dihydro-methyl-1H-Indene isomer					CAS #:		
9.395	1764555	35.8548413	3600	0		0	108
Tetramethylbenzene isomer-1					CAS #:		
9.417	1510448	30.6915197	3000	0		0	108(ML)
Coeluting Aromatics					CAS #:		
9.474	1198226	24.3473208	2400	0		0	108(M)
2,3-dihydro-dimethyl-1H-Indene isomer					CAS #:		
9.596	841740	17.1037155	1700	0		0	108(ML)
C11H14 Aromatic/C11H16 Aromatic					CAS #:		
9.660	1609514	32.7044905	3200	0		0	108(ML)
Coeluting Aromatics-1					CAS #:		
9.961	1428608	29.0285675	2900	0		0	108
C11H14 Aromatic-1					CAS #:		
10.047	1480912	30.0913504	3000	0		0	108(L)
2,3-dihydro-dimethyl-1H-Indene isomer-1					CAS #:		
10.169	2154424	43.7767794	4300	0		0	108
C12H16 Aromatic					CAS #:		
10.298	894843	18.1827459	1800	0		0	108
Tetrahydrodimethylnaphthalene isomer					CAS #:		
10.505	972835	19.7674962	2000	0		0	108(M)
Naphthalene, 2-methyl-					CAS #: 91-57-6		
10.634	3932557	79.9075011	7900	96	NIST02.l	18501	108(L)

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45592.d
Report Date: 31-Mar-2011 16:47

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Naphthalene, 1-methyl-					CAS #: 90-12-0		
10.735	2399956	48.7658521	4800	95	NIST02.l	18499	108(L)
Dimethylnaphthalene isomer					CAS #:		
11.279	1368162	27.8003364	2800	0		0	108
Dimethylnaphthalene isomer-1					CAS #:		
11.358	2106691	42.8068577	4200	0		0	108

QC Flag Legend

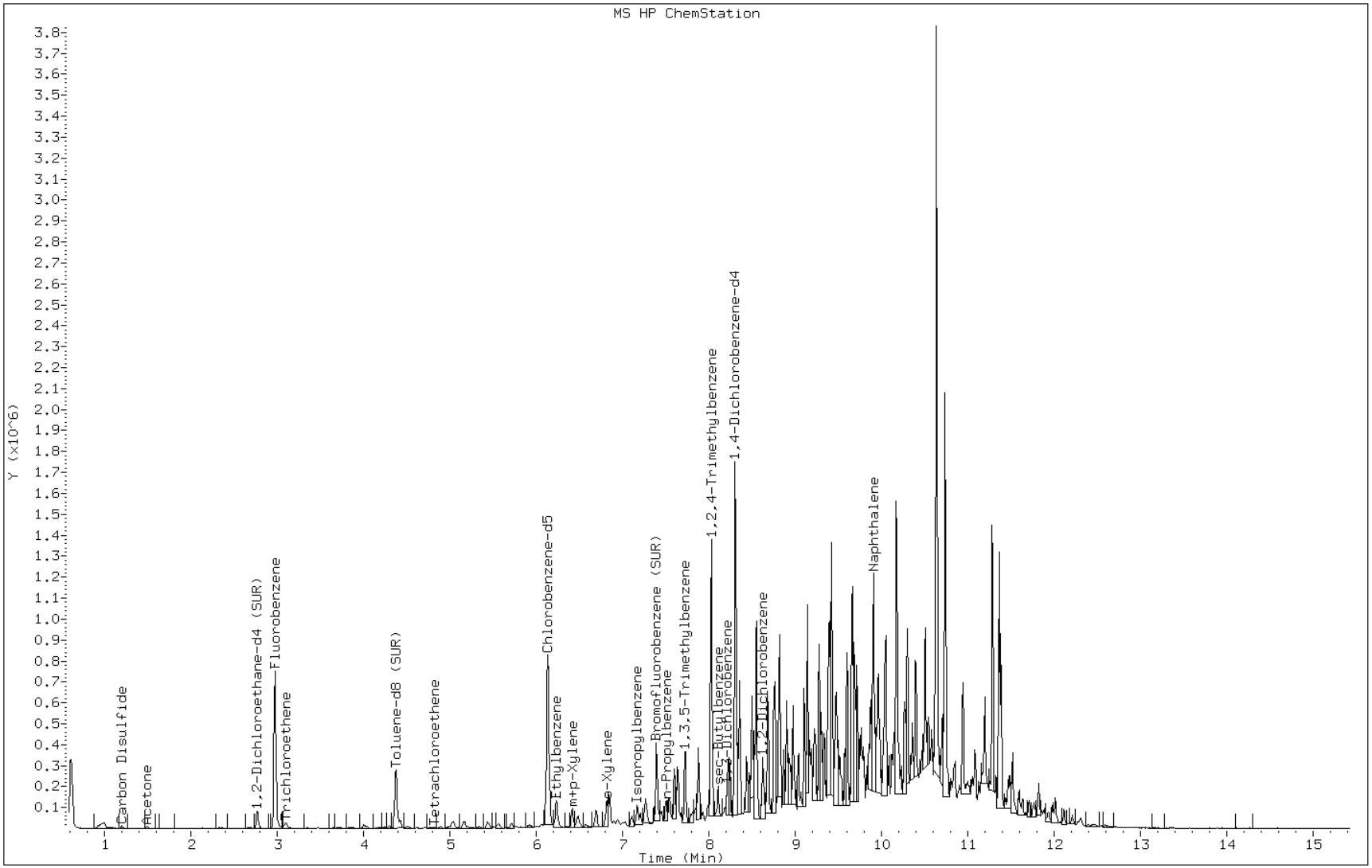
M - Compound response manually integrated.
L - Operator selected an alternate library search match.

Data File: p45592.d

Date: 30-MAR-2011 18:02

Client ID: PMP-5SI-E (10.5-11) Instrument: VOAMS13.i

Sample Info: 460-24280-D-19-A;100;;5.86;5 Operator:



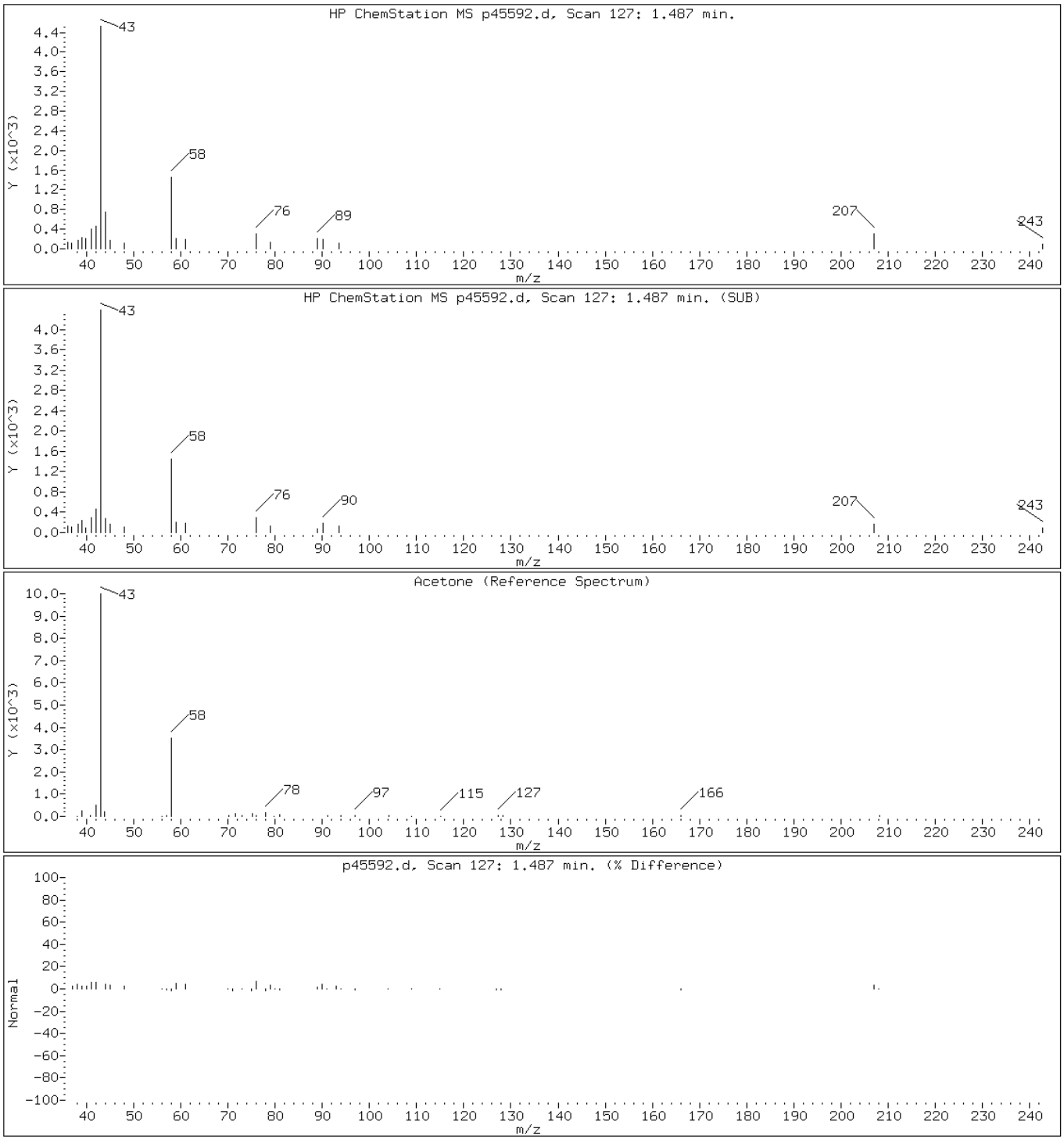
Data File: p45592.d

Date: 30-MAR-2011 18:02

Client ID: PMP-5SI-E (10.5-11) Instrument: VOAMS13.i

Sample Info: 460-24280-D-19-A;100;;5.86;5 Operator:

16 Acetone



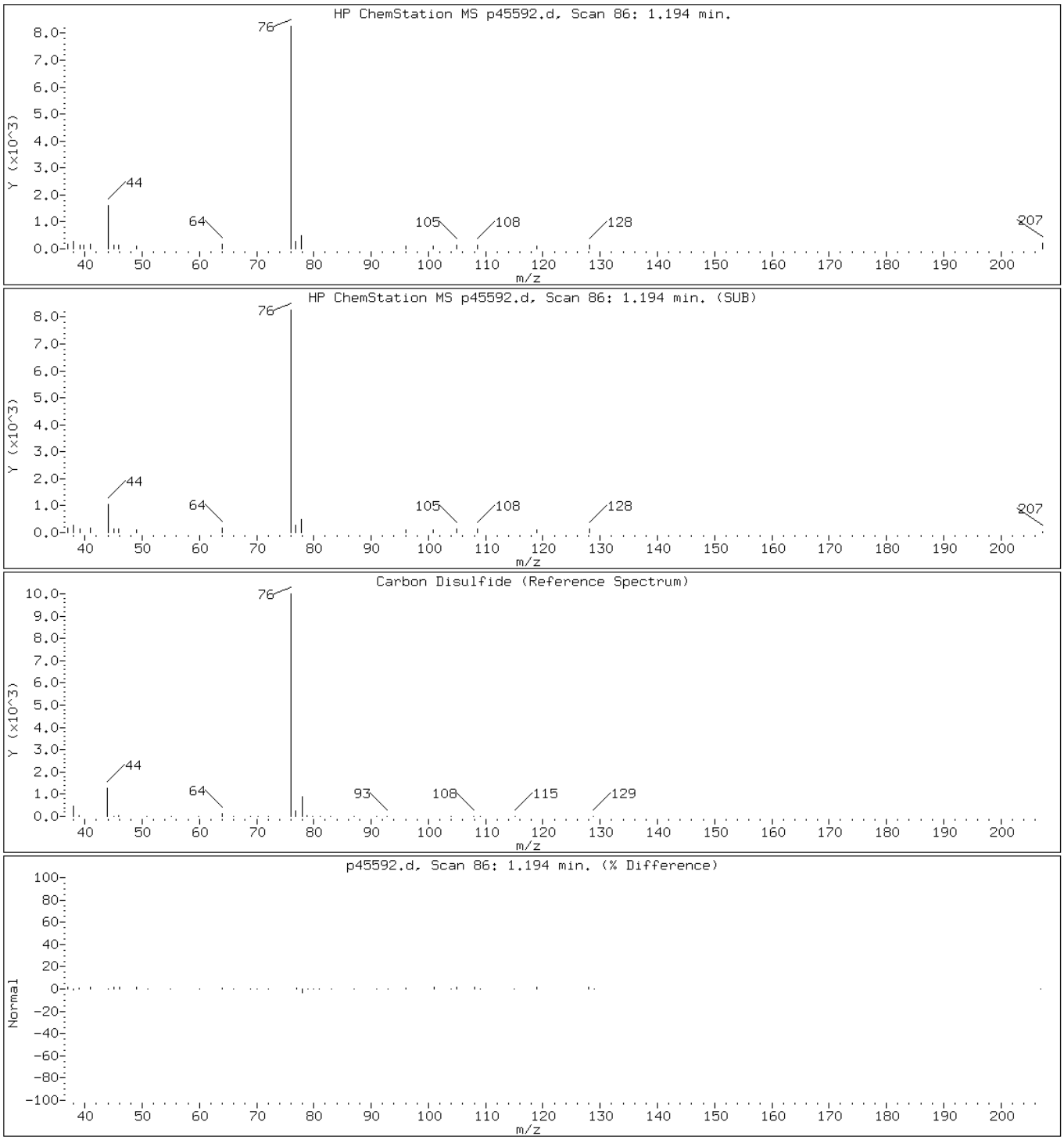
Data File: p45592.d

Date: 30-MAR-2011 18:02

Client ID: PMP-5SI-E (10.5-11) Instrument: VOAMS13.i

Sample Info: 460-24280-D-19-A;100;;5.86;5 Operator:

18 Carbon Disulfide



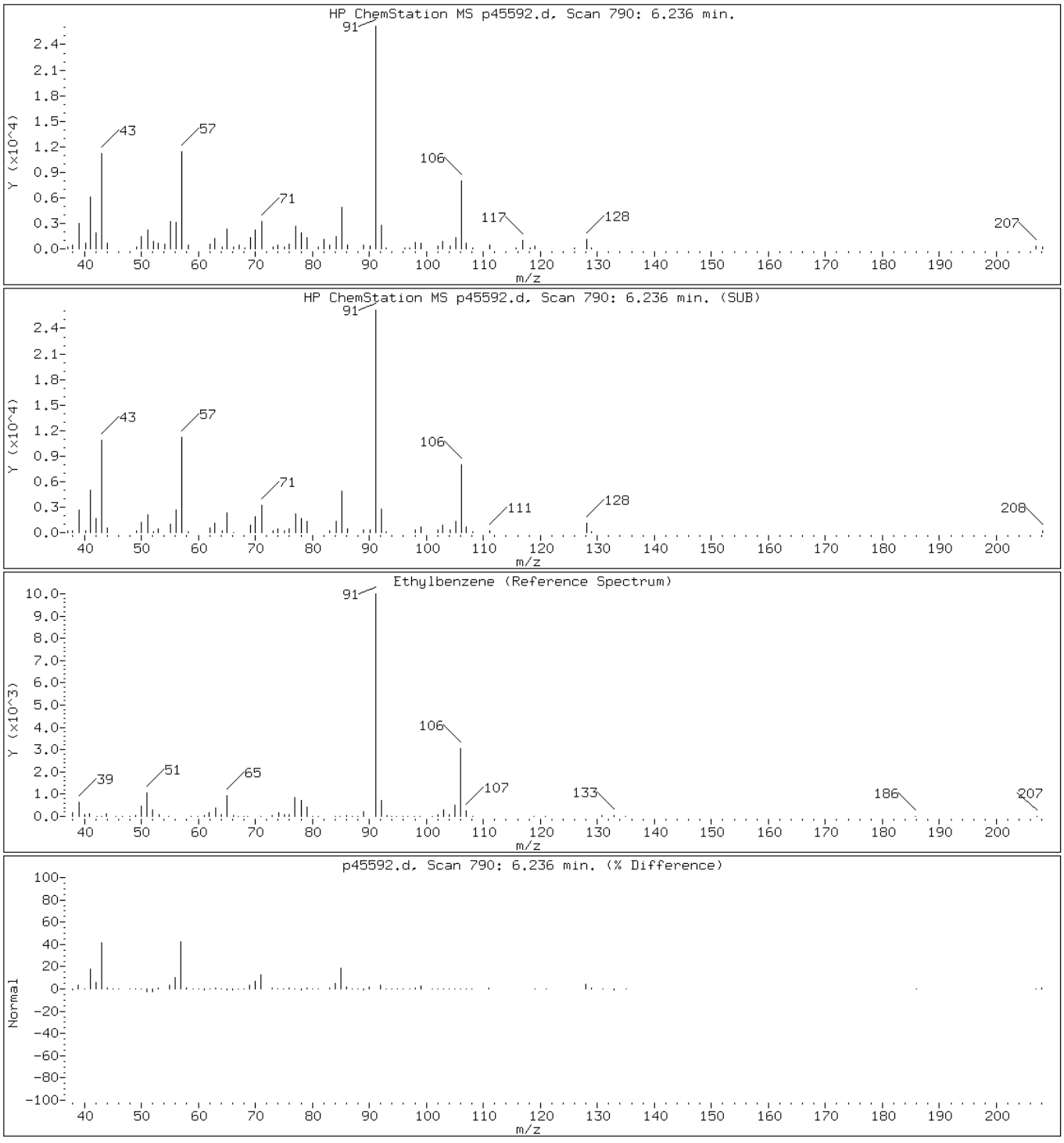
Data File: p45592.d

Date: 30-MAR-2011 18:02

Client ID: PMP-5SI-E (10.5-11) Instrument: VOAMS13.i

Sample Info: 460-24280-D-19-A;100;;5.86;5 Operator:

81 Ethylbenzene



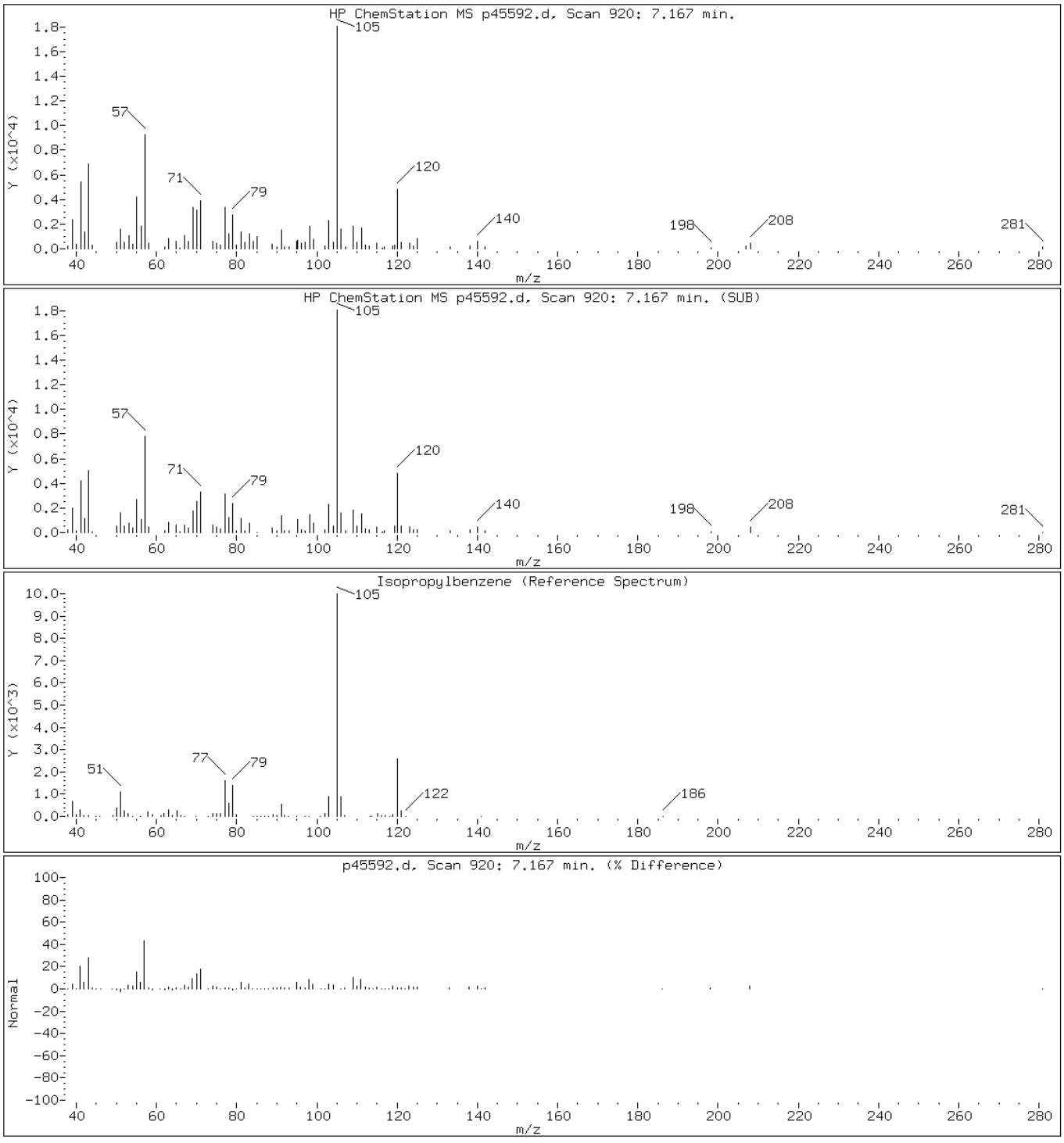
Data File: p45592.d

Date: 30-MAR-2011 18:02

Client ID: PMP-5SI-E (10.5-11) Instrument: VOAMS13.i

Sample Info: 460-24280-D-19-A;100;;5.86;5 Operator:

88 Isopropylbenzene



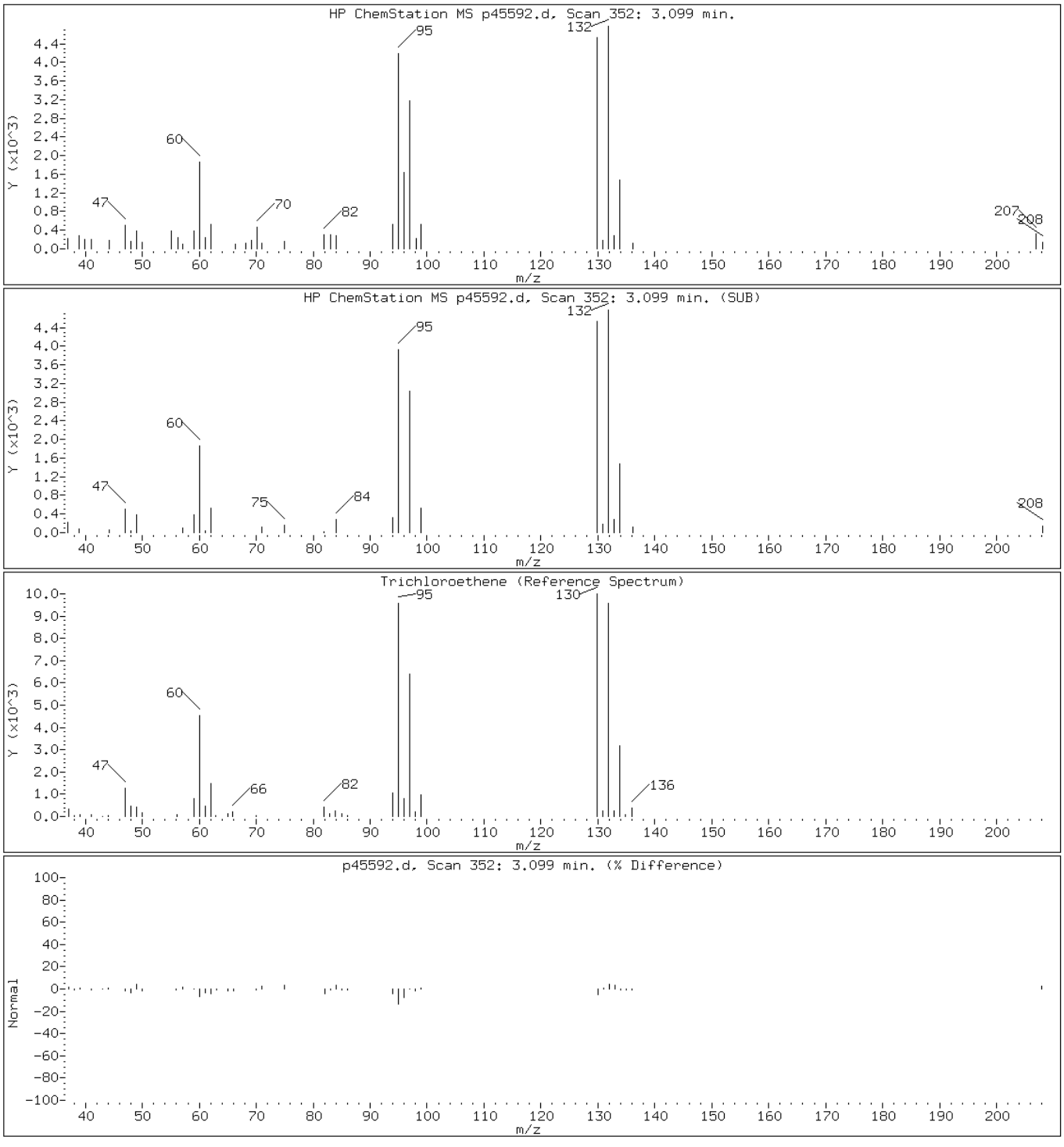
Data File: p45592.d

Date: 30-MAR-2011 18:02

Client ID: PMP-5SI-E (10.5-11) Instrument: VOAMS13.i

Sample Info: 460-24280-D-19-A;100;;5.86;5 Operator:

54 Trichloroethene



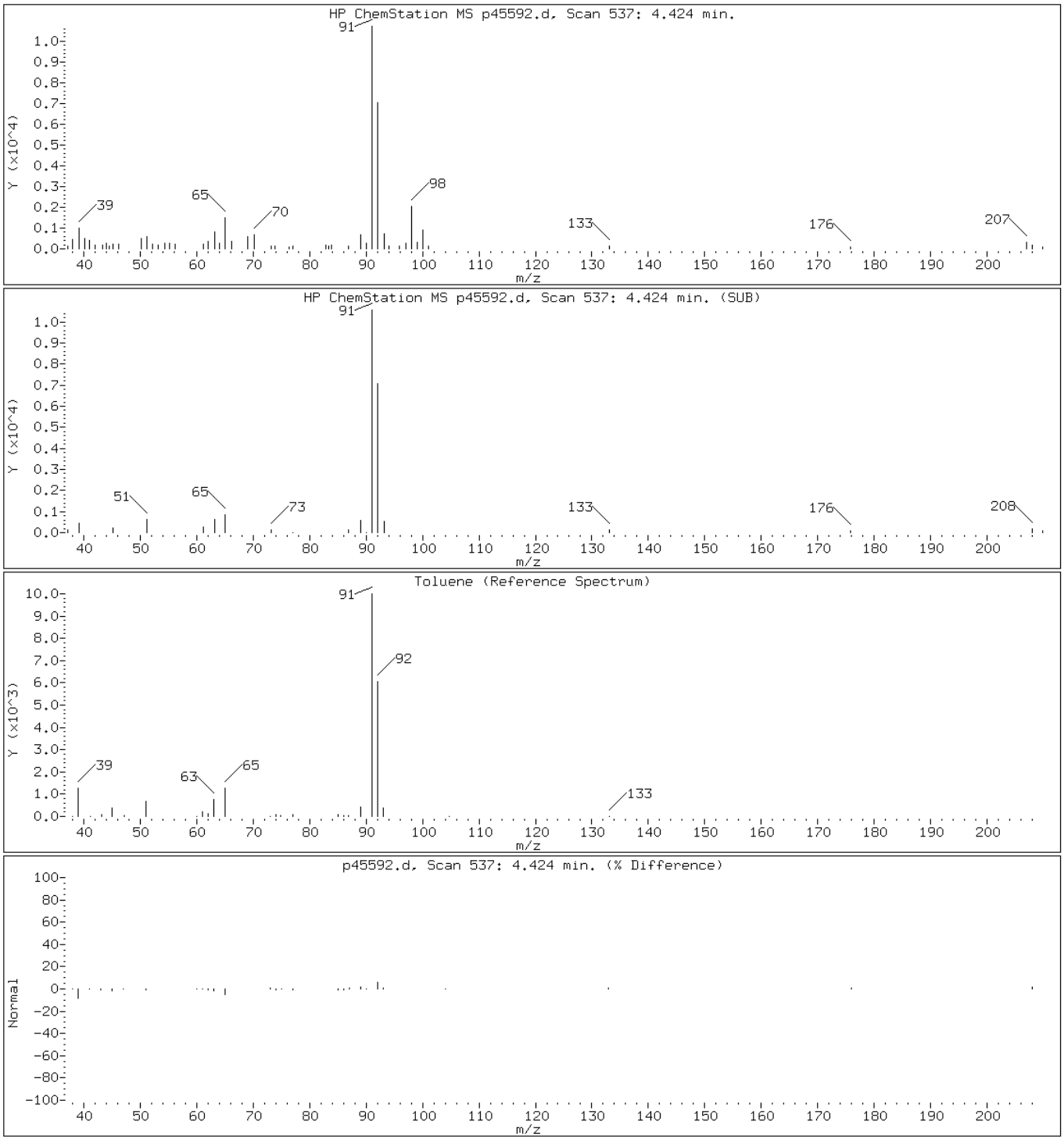
Data File: p45592.d

Date: 30-MAR-2011 18:02

Client ID: PMP-5SI-E (10.5-11) Instrument: VOAMS13.i

Sample Info: 460-24280-D-19-A;100;;5.86;5 Operator:

66 Toluene



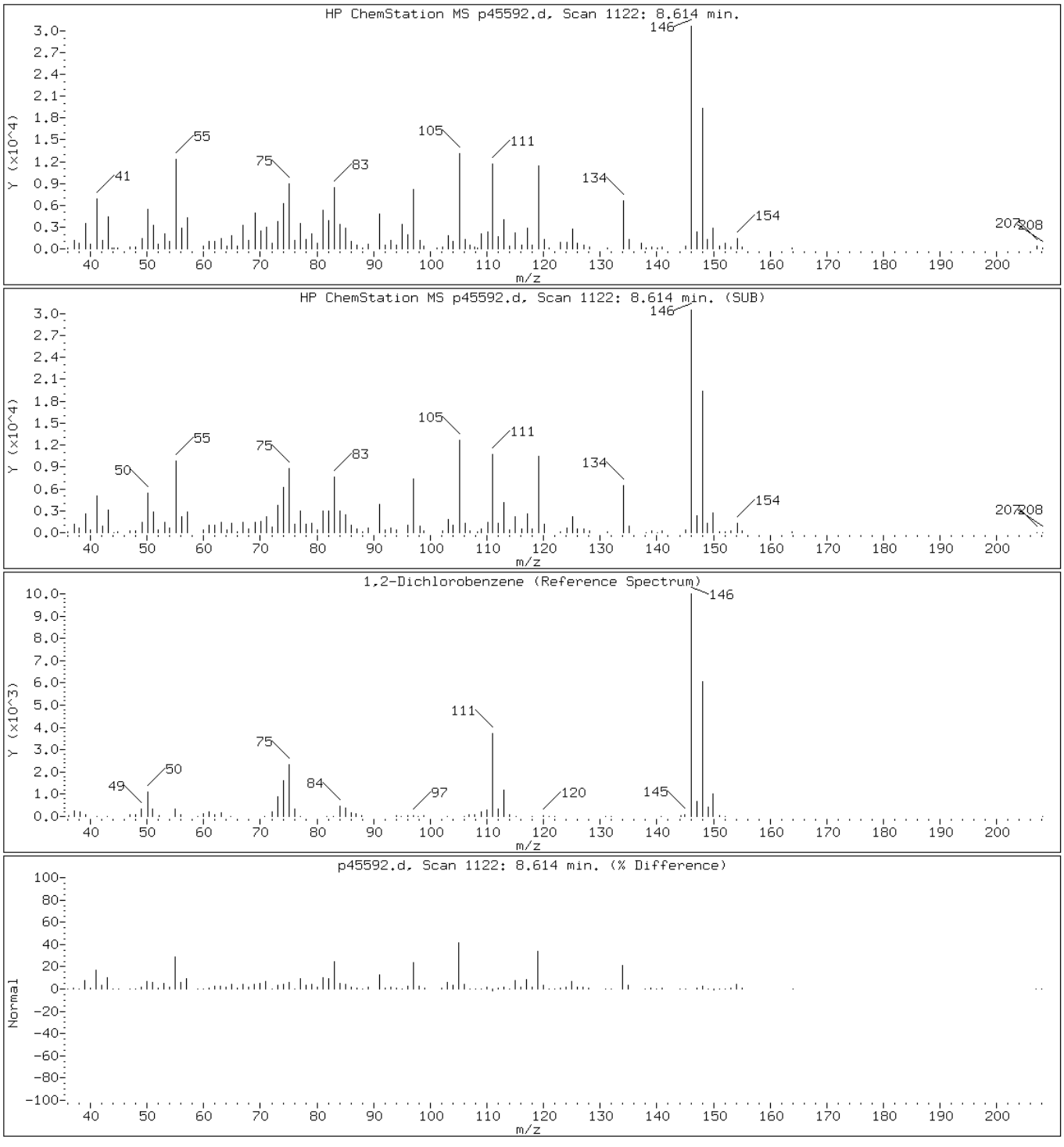
Data File: p45592.d

Date: 30-MAR-2011 18:02

Client ID: PMP-5SI-E (10.5-11) Instrument: VOAMS13.i

Sample Info: 460-24280-D-19-A;100;;5.86;5 Operator:

111 1,2-Dichlorobenzene



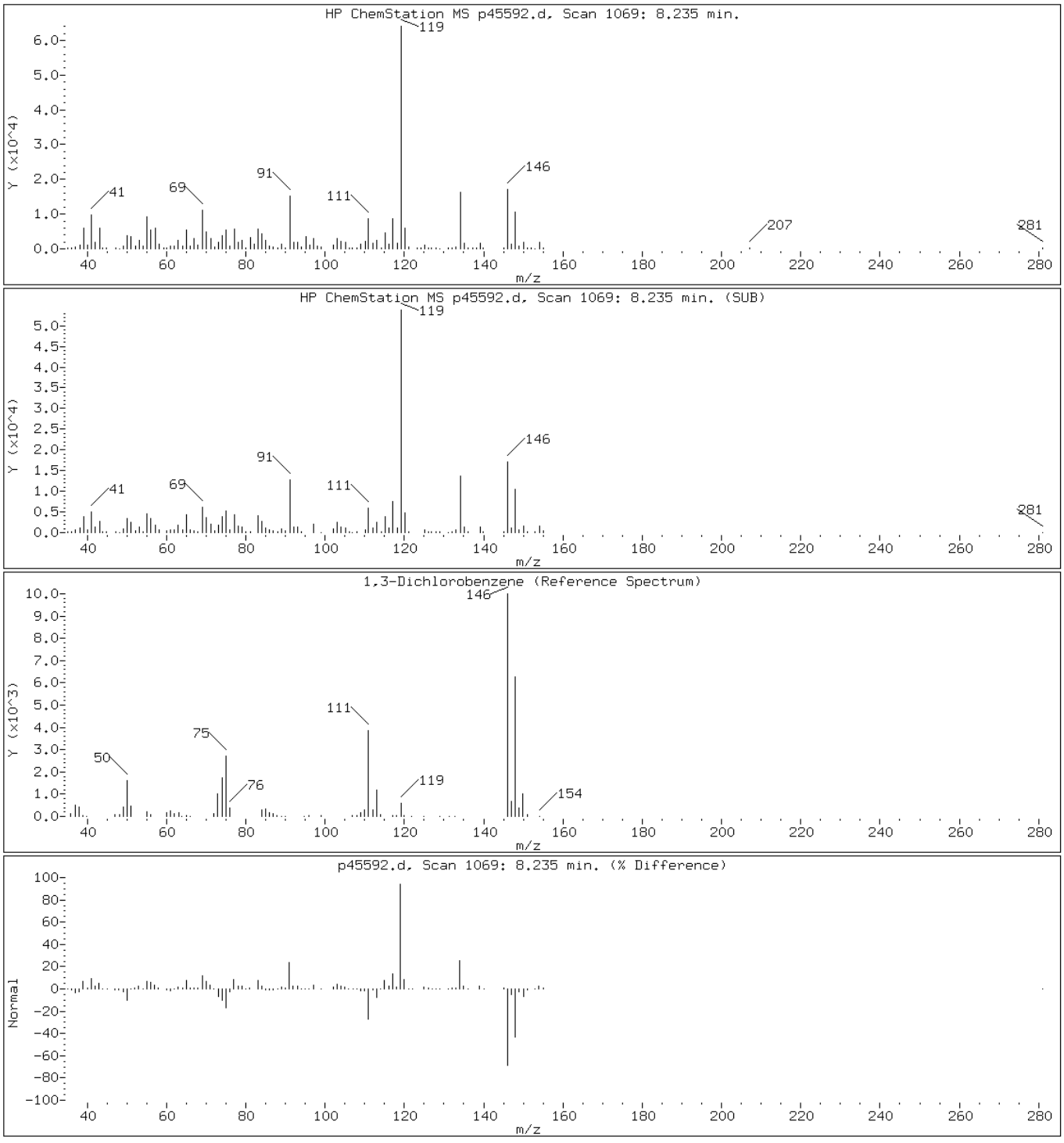
Data File: p45592.d

Date: 30-MAR-2011 18:02

Client ID: PMP-5SI-E (10.5-11) Instrument: VOAMS13.i

Sample Info: 460-24280-D-19-A;100;;5.86;5 Operator:

105 1,3-Dichlorobenzene



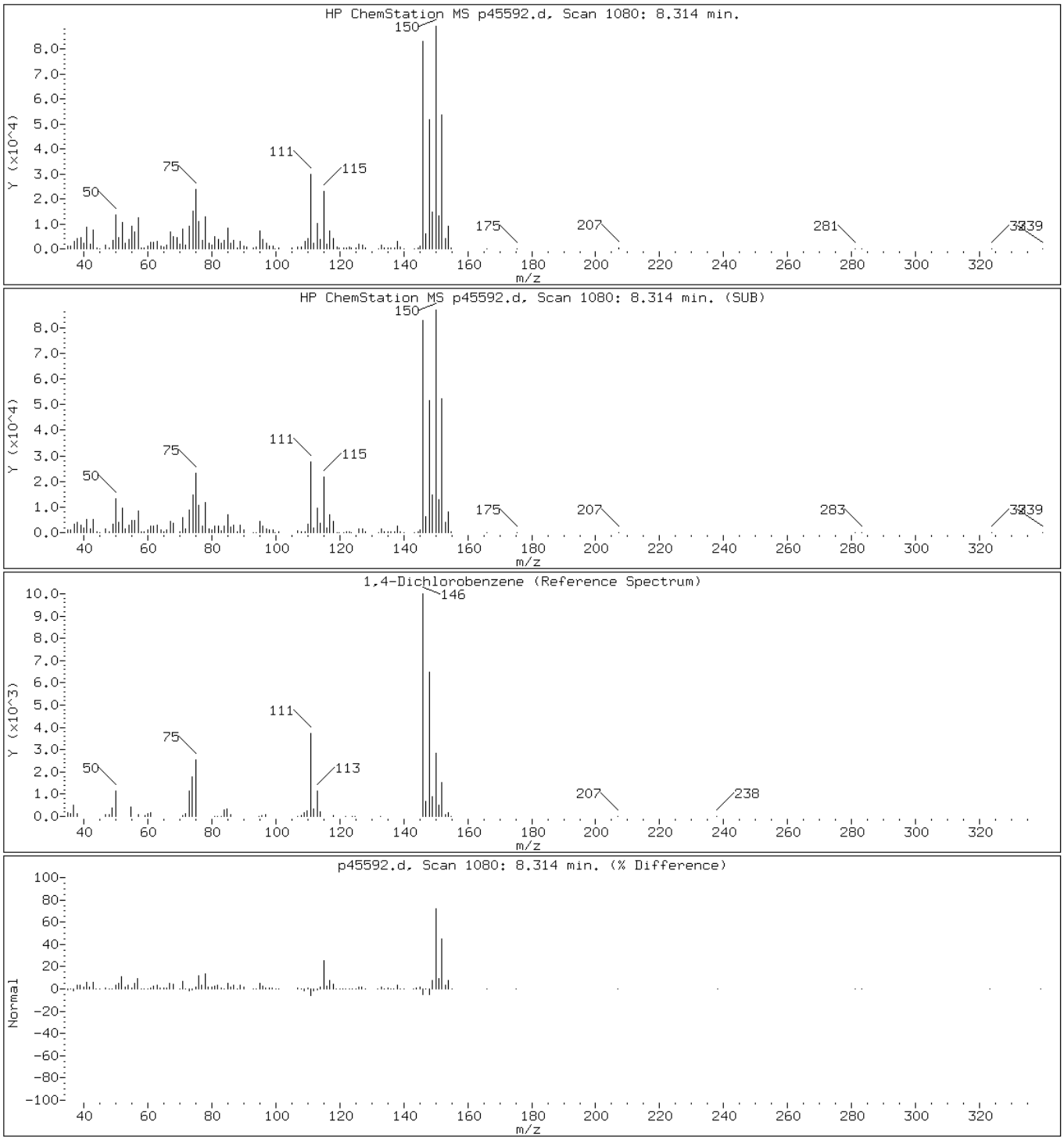
Data File: p45592.d

Date: 30-MAR-2011 18:02

Client ID: PMP-5SI-E (10.5-11) Instrument: VOAMS13.i

Sample Info: 460-24280-D-19-A;100;;5.86;5 Operator:

109 1,4-Dichlorobenzene



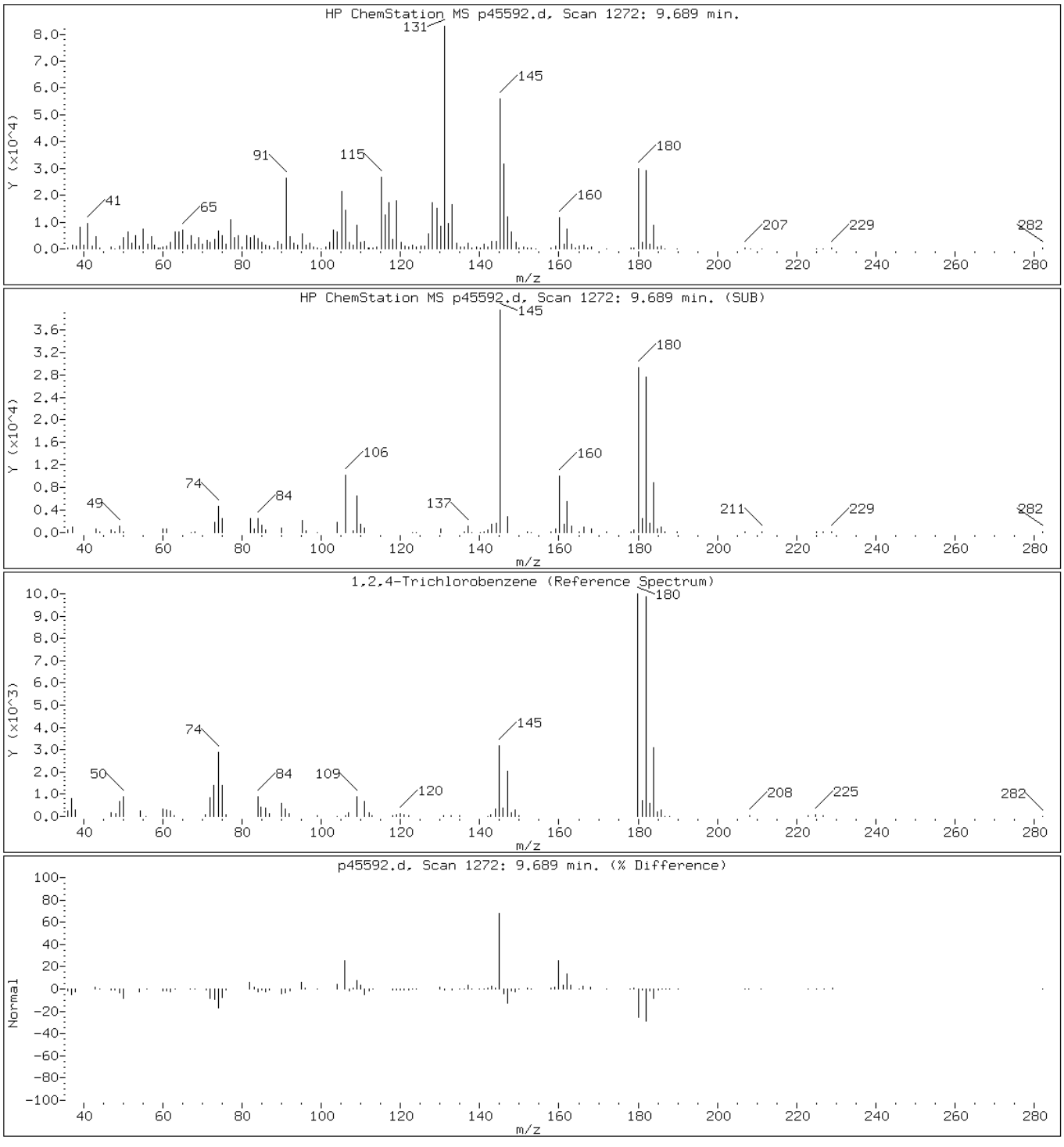
Data File: p45592.d

Date: 30-MAR-2011 18:02

Client ID: PMP-5SI-E (10.5-11) Instrument: VOAMS13.i

Sample Info: 460-24280-D-19-A;100;;5.86;5 Operator:

114 1,2,4-Trichlorobenzene



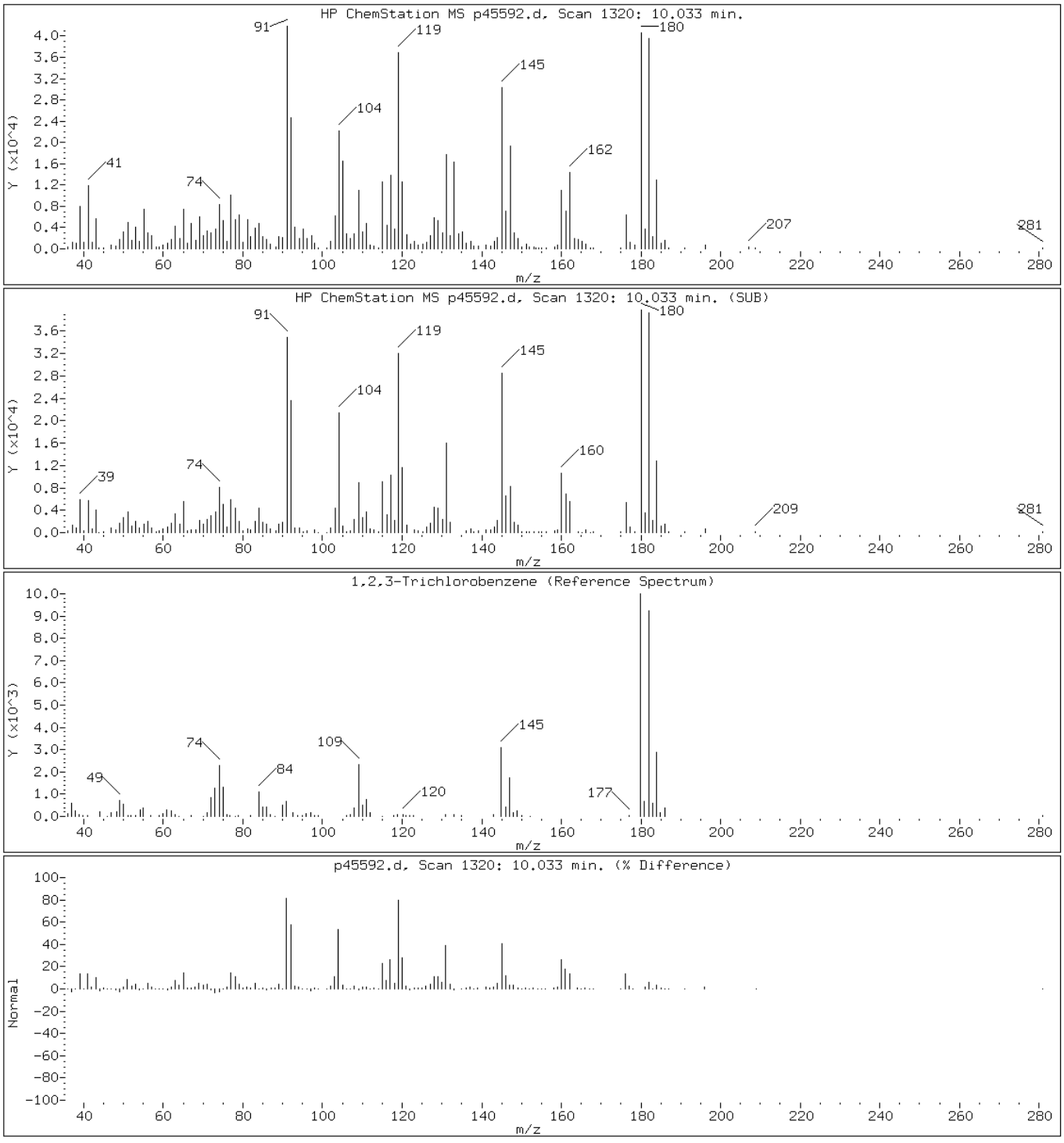
Data File: p45592.d

Date: 30-MAR-2011 18:02

Client ID: PMP-5SI-E (10.5-11) Instrument: VOAMS13.i

Sample Info: 460-24280-D-19-A;100;;5.86;5 Operator:

117 1,2,3-Trichlorobenzene



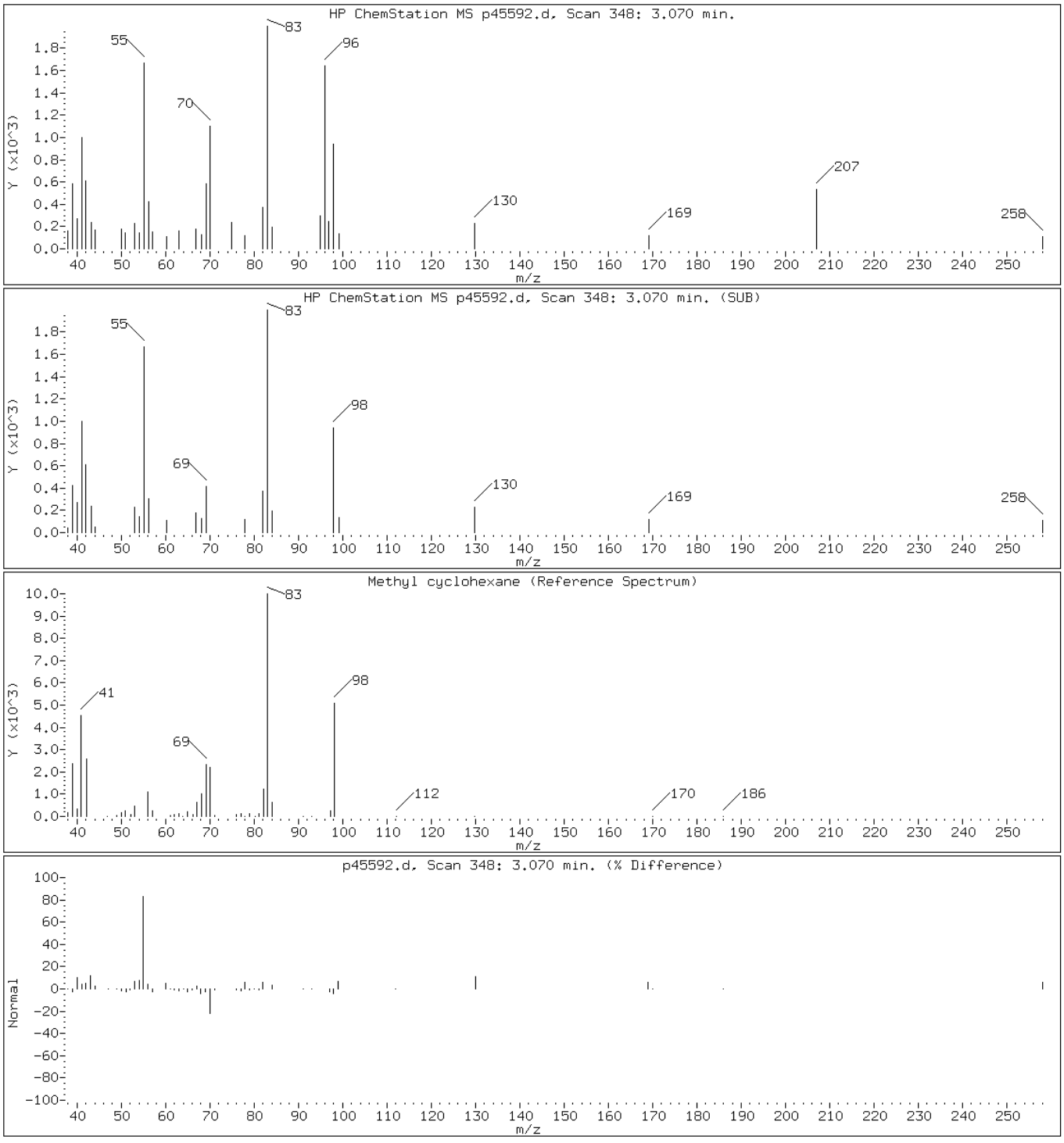
Data File: p45592.d

Date: 30-MAR-2011 18:02

Client ID: PMP-5SI-E (10.5-11) Instrument: VOAMS13.i

Sample Info: 460-24280-D-19-A;100;;5.86;5 Operator:

56 Methyl cyclohexane



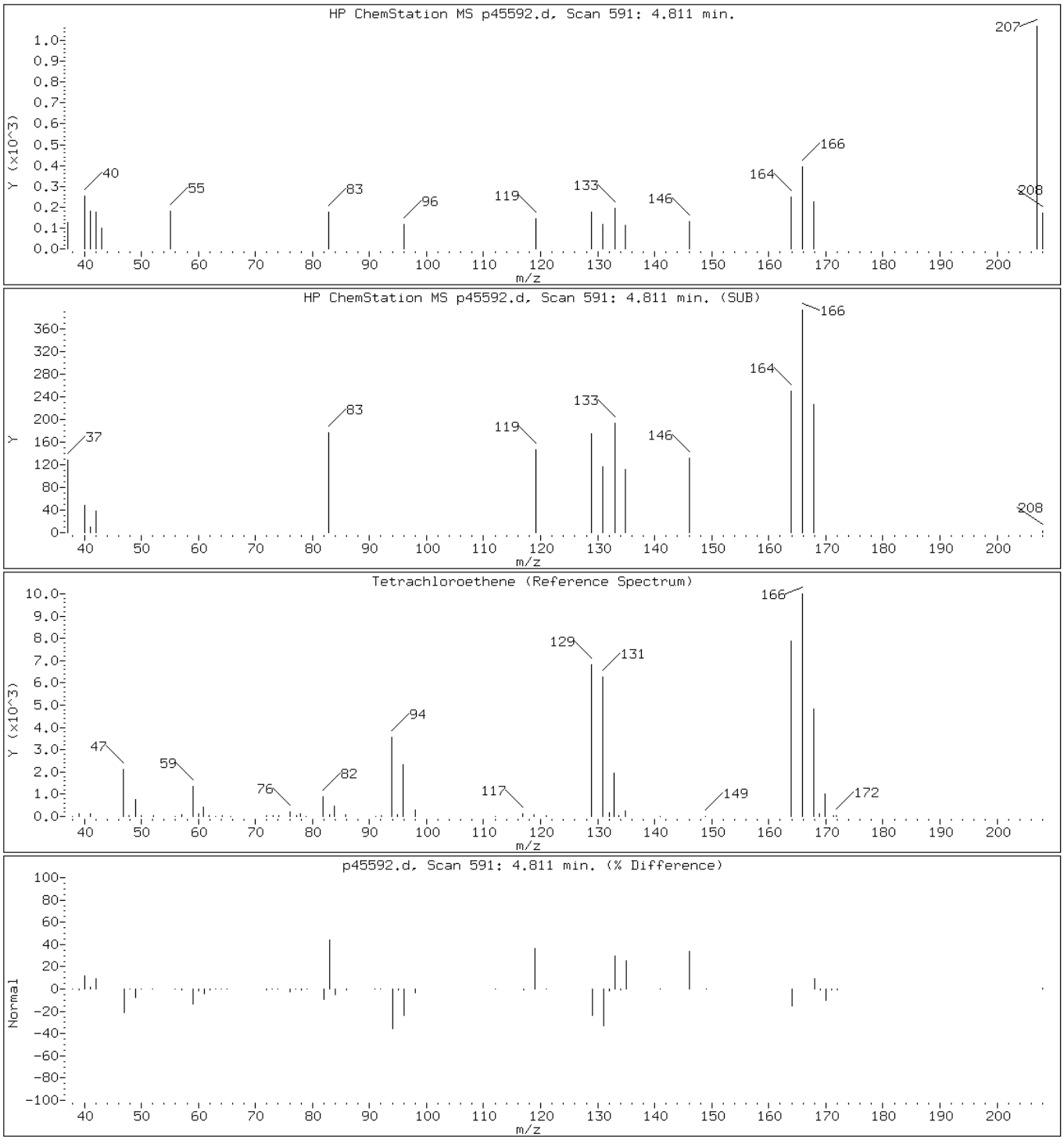
Data File: p45592.d

Date: 30-MAR-2011 18:02

Client ID: PMP-5SI-E (10.5-11) Instrument: VOAMS13.i

Sample Info: 460-24280-D-19-A;100;;5.86;5 Operator:

71 Tetrachloroethene



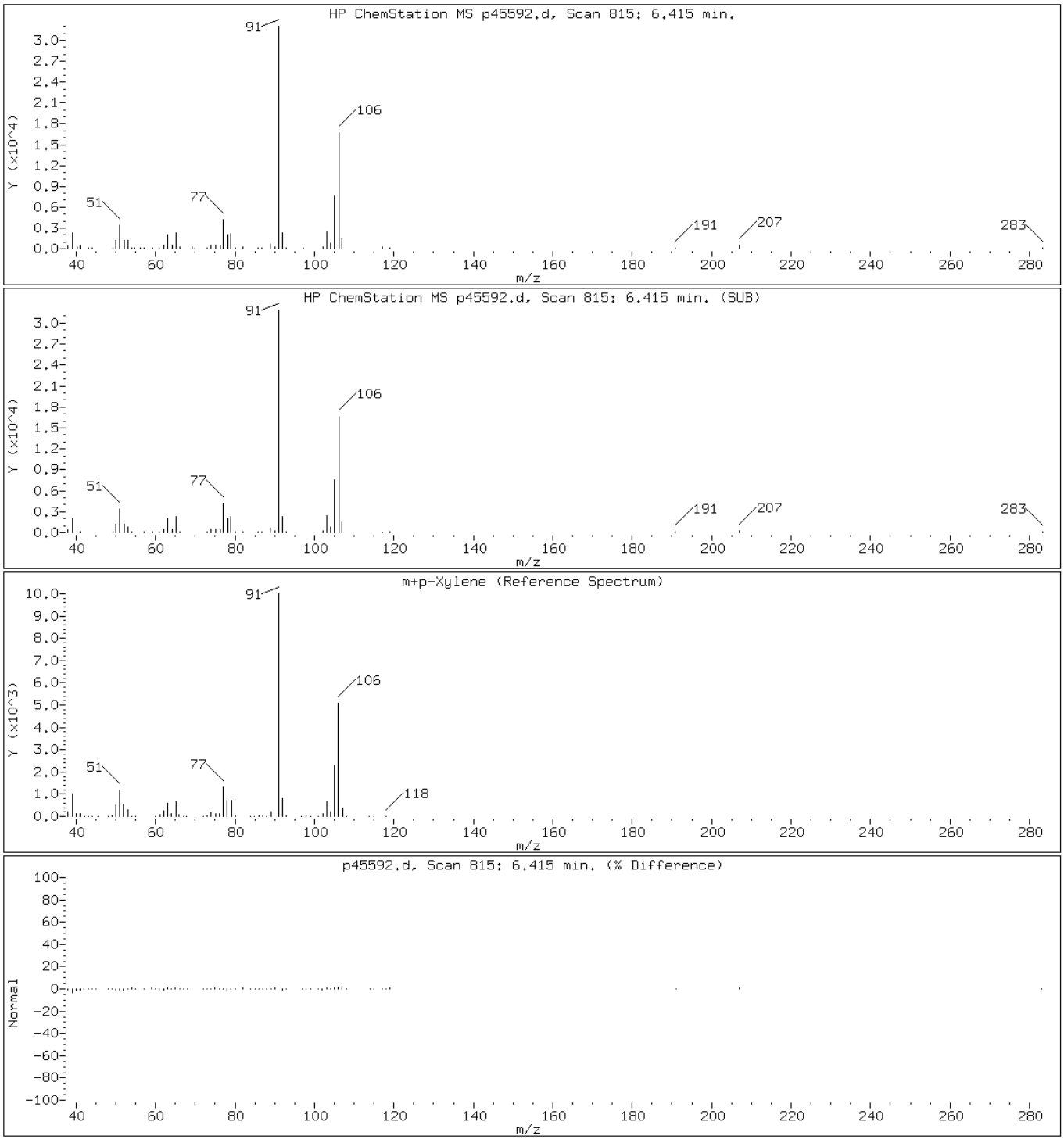
Data File: p45592.d

Date: 30-MAR-2011 18:02

Client ID: PMP-5SI-E (10.5-11) Instrument: VOAMS13.i

Sample Info: 460-24280-D-19-A;100;;5.86;5 Operator:

82 m+p-Xylene



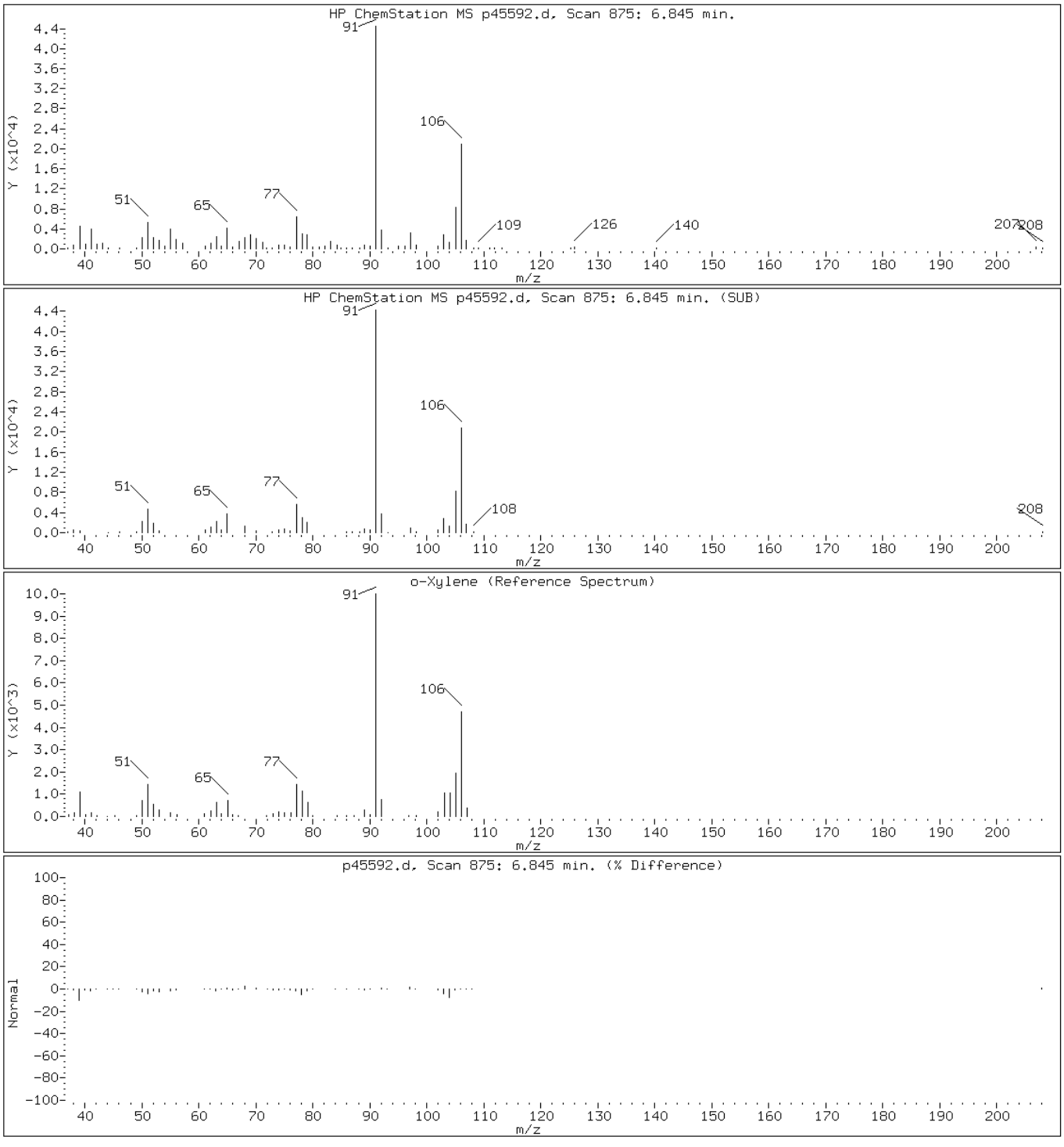
Data File: p45592.d

Date: 30-MAR-2011 18:02

Client ID: PMP-5SI-E (10.5-11) Instrument: VOAMS13.i

Sample Info: 460-24280-D-19-A;100;;5.86;5 Operator:

84 o-Xylene



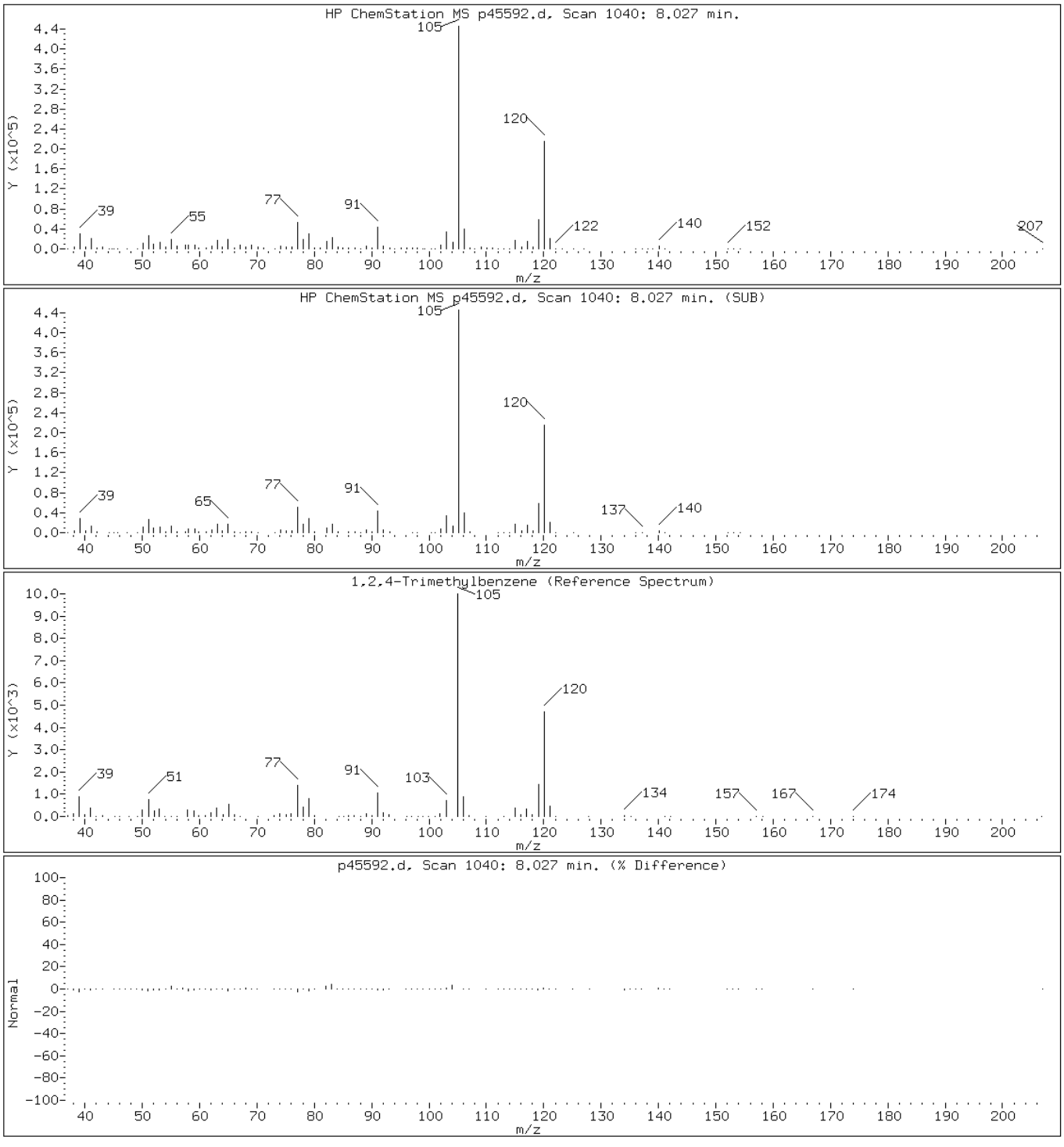
Data File: p45592.d

Date: 30-MAR-2011 18:02

Client ID: PMP-5SI-E (10.5-11) Instrument: VOAMS13.i

Sample Info: 460-24280-D-19-A;100;;5.86;5 Operator:

101 1,2,4-Trimethylbenzene



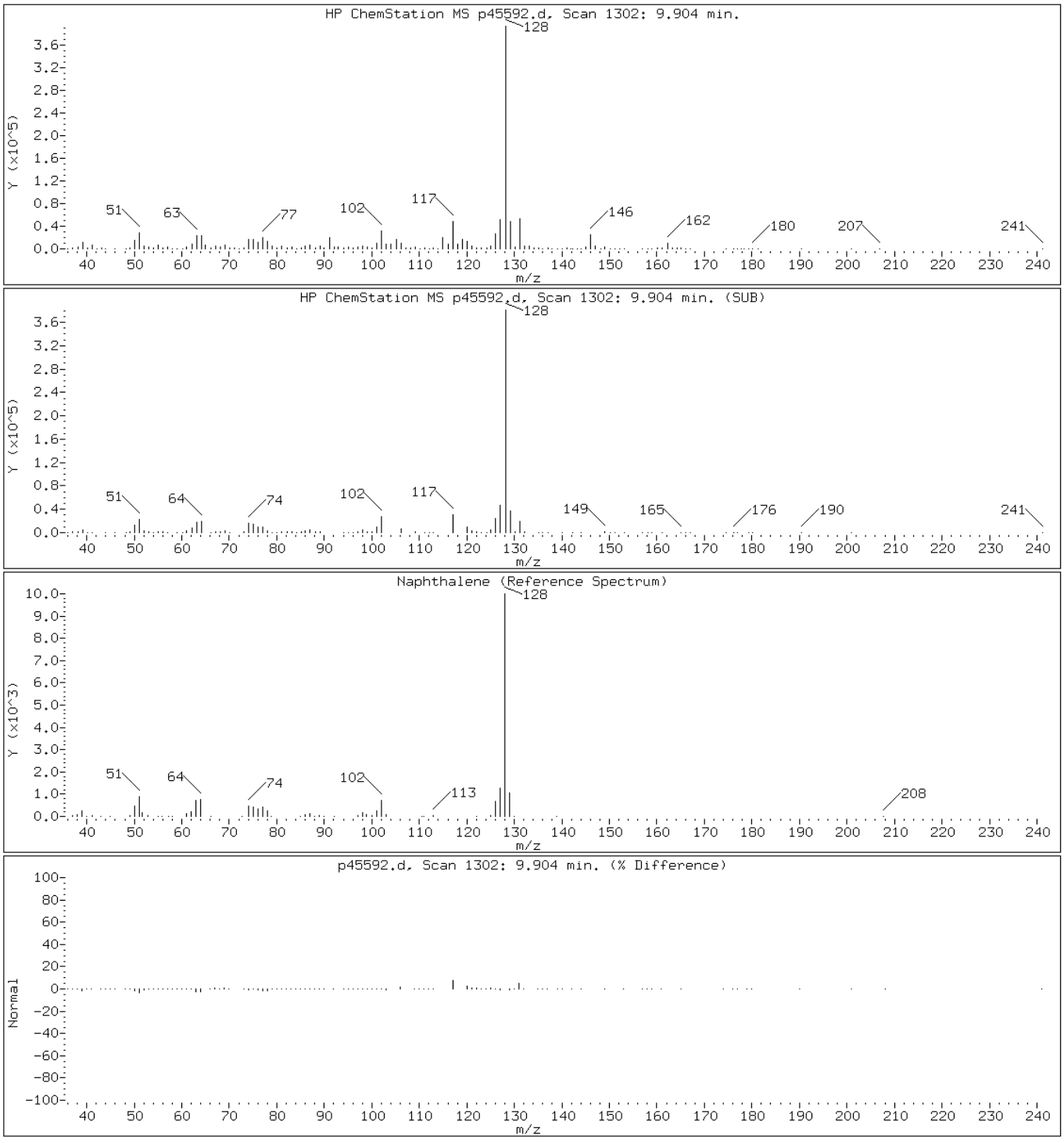
Data File: p45592.d

Date: 30-MAR-2011 18:02

Client ID: PMP-5SI-E (10.5-11) Instrument: VOAMS13.i

Sample Info: 460-24280-D-19-A;100;;5.86;5 Operator:

116 Naphthalene



Data File: p45592.d

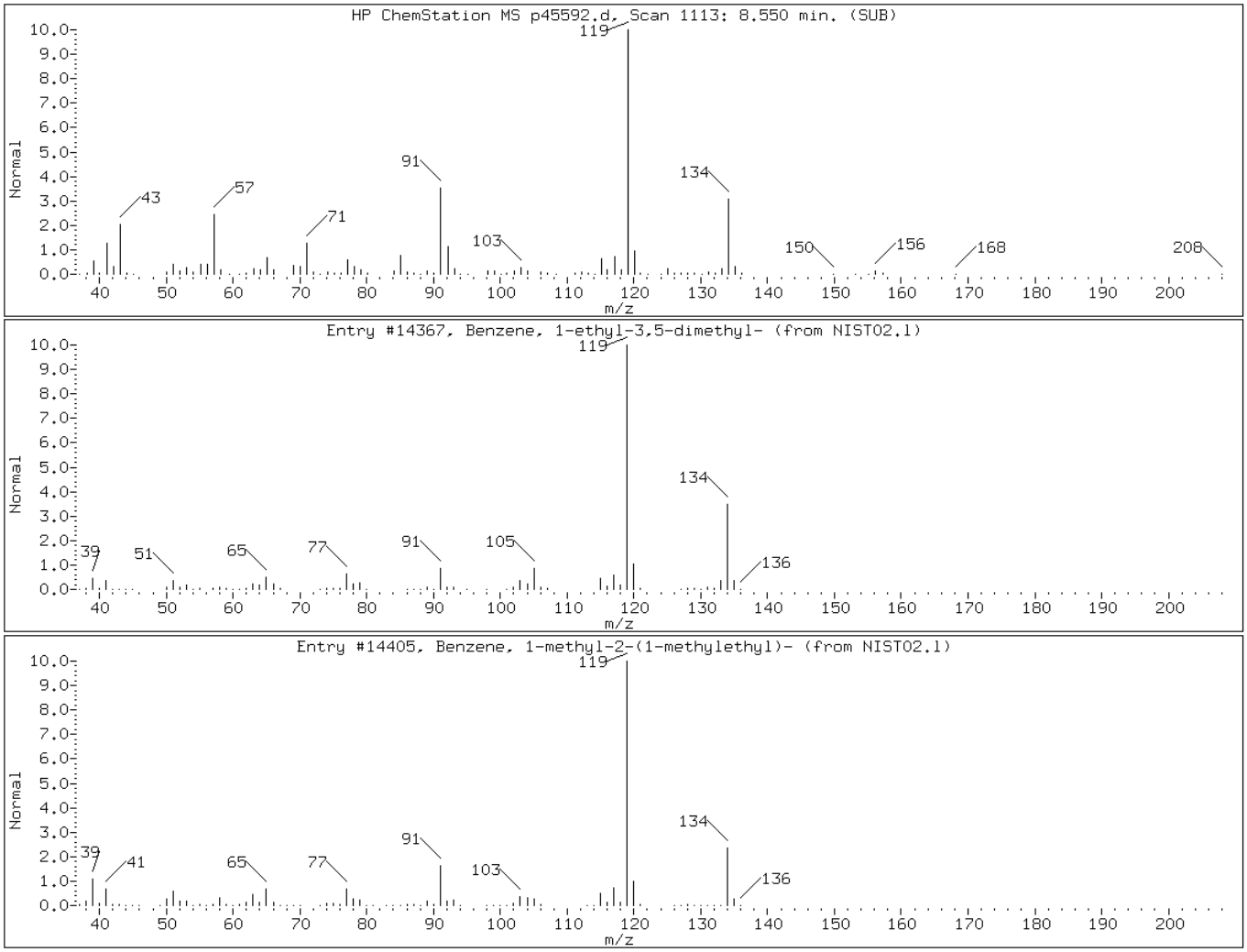
Date: 30-MAR-2011 18:02

Client ID: PMP-5SI-E (10.5-11) Instrument: VOAMS13.i

Sample Info: 460-24280-D-19-A;100;;5.86;5 Operator:

Retention Time: 8.55

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 1-ethyl-3,5-dimethyl-	934-74-7	NIST02.l	14367	93	C10H14	134
Benzene, 1-methyl-2-(1-methylethyl	527-84-4	NIST02.l	14405	81	C10H14	134



Data File: p45592.d

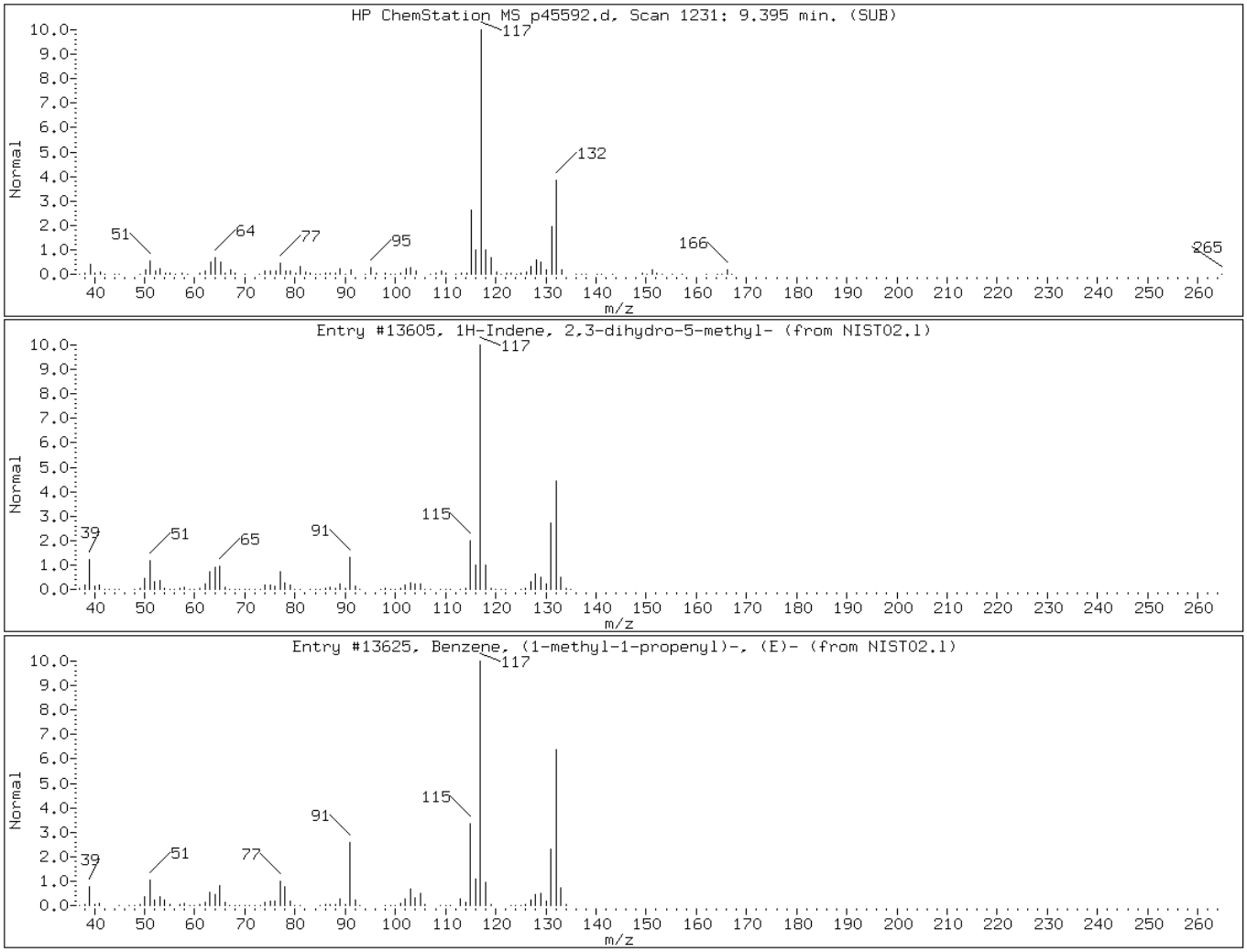
Date: 30-MAR-2011 18:02

Client ID: PMP-5SI-E (10.5-11) Instrument: VOAMS13.i

Sample Info: 460-24280-D-19-A;100;;5.86;5 Operator:

Retention Time: 9.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2,3-dihydro-methyl-1H-Indene isome						
1H-Indene, 2,3-dihydro-5-methyl-	874-35-1	NIST02.l	13605	90	C10H12	132
Benzene, (1-methyl-1-propenyl)-, (	768-00-3	NIST02.l	13625	87	C10H12	132



Data File: p45592.d

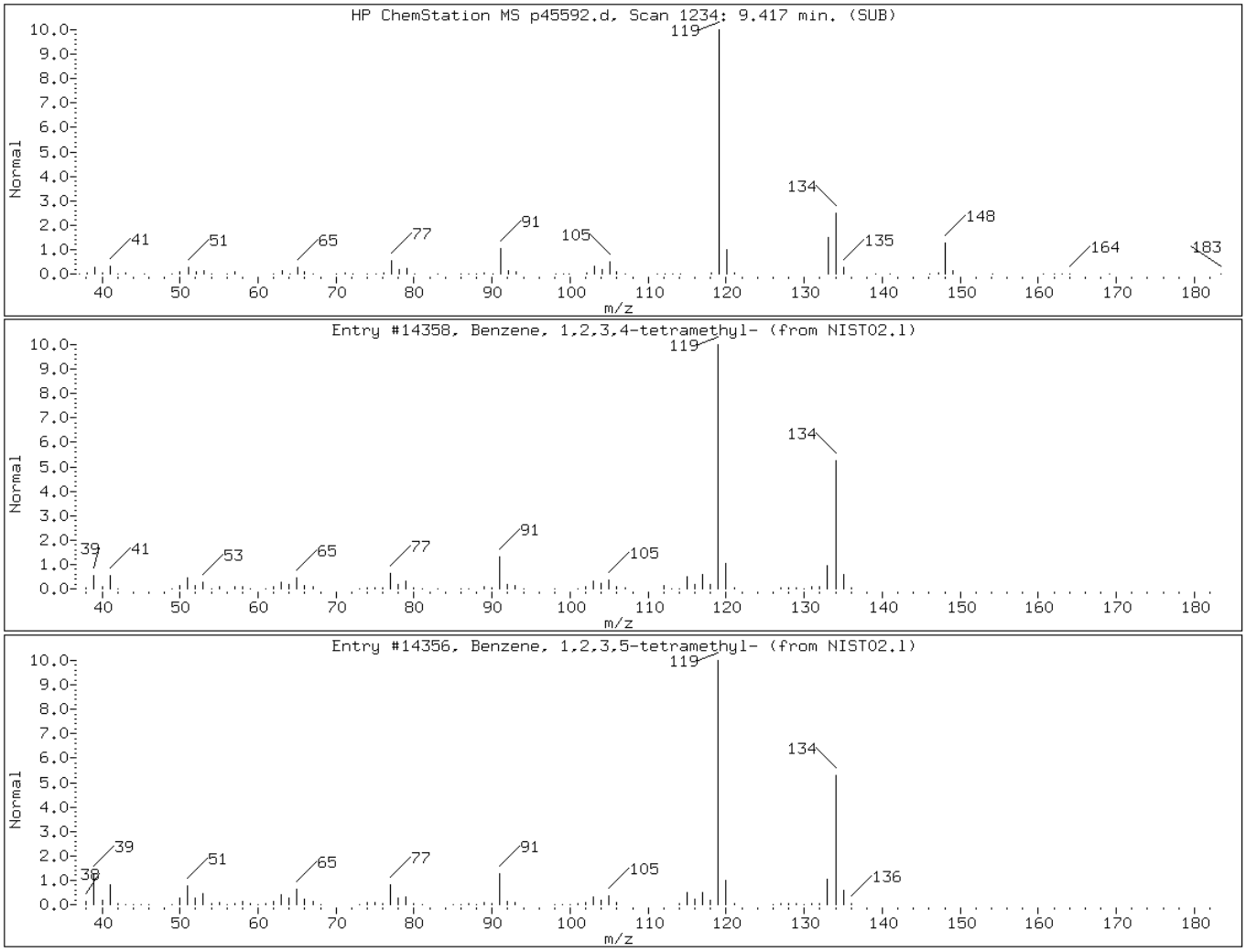
Date: 30-MAR-2011 18:02

Client ID: PMP-5SI-E (10.5-11) Instrument: VOAMS13.i

Sample Info: 460-24280-D-19-A;100;;5.86;5 Operator:

Retention Time: 9.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetramethylbenzene isomer-1						
Benzene, 1,2,3,4-tetramethyl-	488-23-3	NIST02.l	14358	83	C10H14	134
Benzene, 1,2,3,5-tetramethyl-	527-53-7	NIST02.l	14356	83	C10H14	134



Data File: p45592.d

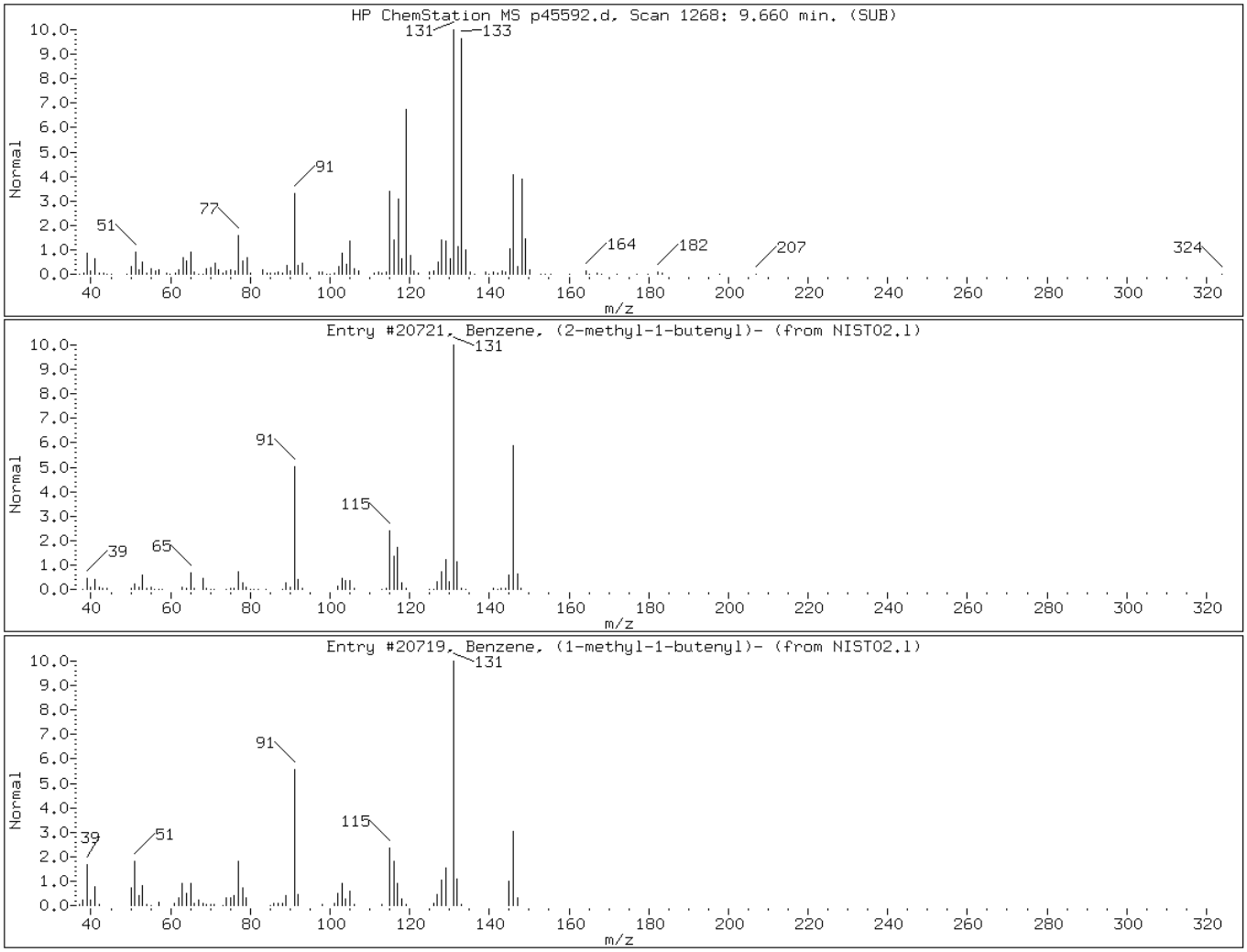
Date: 30-MAR-2011 18:02

Client ID: PMP-5SI-E (10.5-11) Instrument: VOAMS13.i

Sample Info: 460-24280-D-19-A;100;;5.86;5 Operator:

Retention Time: 9.66

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C11H14 Aromatic/C11H16 Aromatic						
Benzene, (2-methyl-1-butenyl)-	56253-64-6	NIST02.l	20721	83	C11H14	146
Benzene, (1-methyl-1-butenyl)-	53172-84-2	NIST02.l	20719	74	C11H14	146



Data File: p45592.d

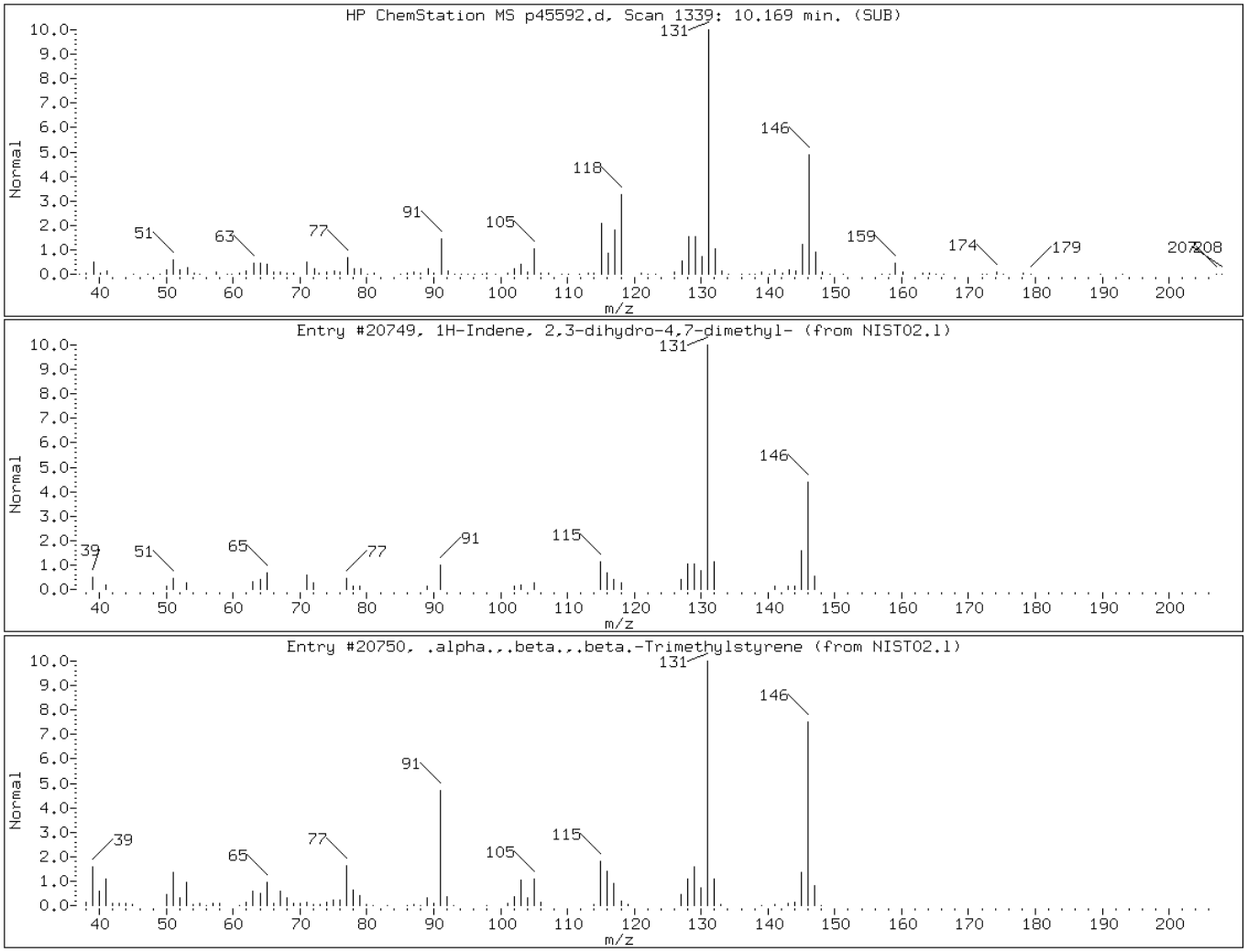
Date: 30-MAR-2011 18:02

Client ID: PMP-5SI-E (10.5-11) Instrument: VOAMS13.i

Sample Info: 460-24280-D-19-A;100;;5.86;5 Operator:

Retention Time: 10.17

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	20749	94	C11H14	146
.alpha.,.beta.,.beta.-Trimethylsty	769-57-3	NIST02.l	20750	93	C11H14	146



Data File: p45592.d

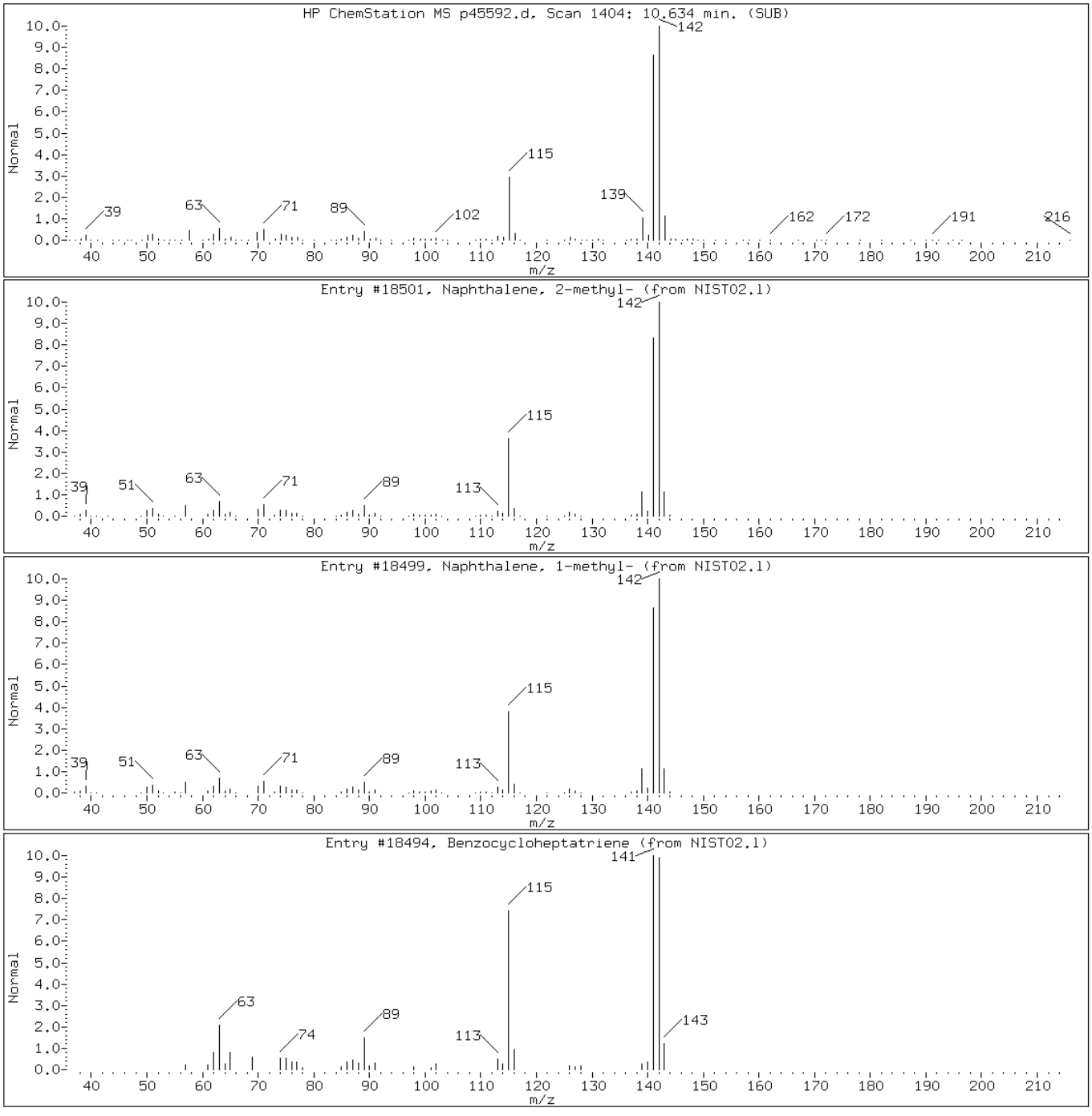
Date: 30-MAR-2011 18:02

Client ID: PMP-5SI-E (10.5-11) Instrument: VOAMS13.i

Sample Info: 460-24280-D-19-A;100;;5.86;5 Operator:

Retention Time: 10.63

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
Benzocycloheptatriene	264-09-5	NIST02.l	18494	91	C11H10	142



Data File: p45592.d

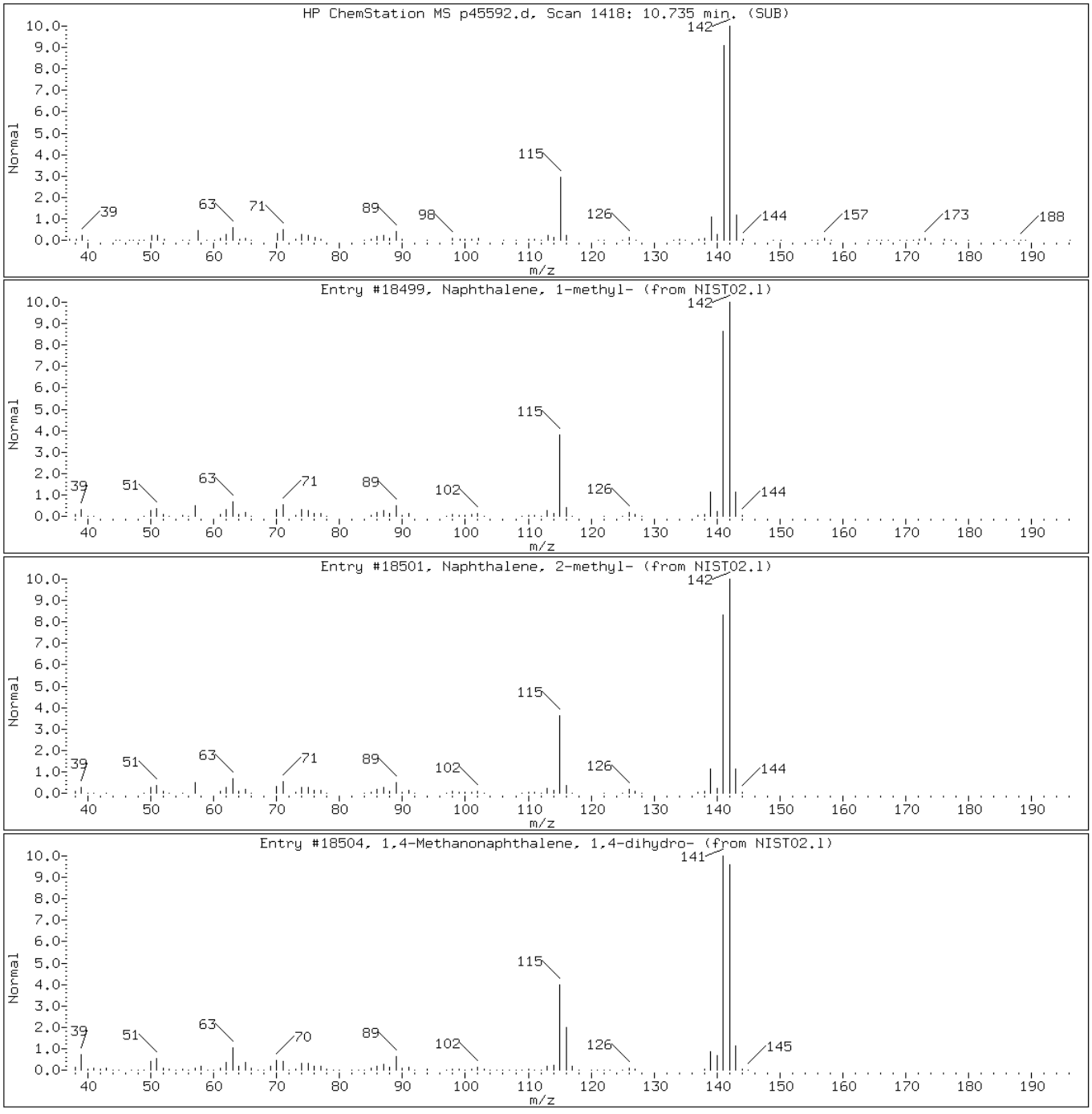
Date: 30-MAR-2011 18:02

Client ID: PMP-5SI-E (10.5-11) Instrument: VOAMS13.i

Sample Info: 460-24280-D-19-A;100;;5.86;5 Operator:

Retention Time: 10.73

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 1-methyl-	90-12-0	NIST02.l	18499	95	C11H10	142
Naphthalene, 2-methyl-	91-57-6	NIST02.l	18501	95	C11H10	142
1,4-Methanonaphthalene, 1,4-dihydr	4453-90-1	NIST02.l	18504	91	C11H10	142



Data File: p45592.d

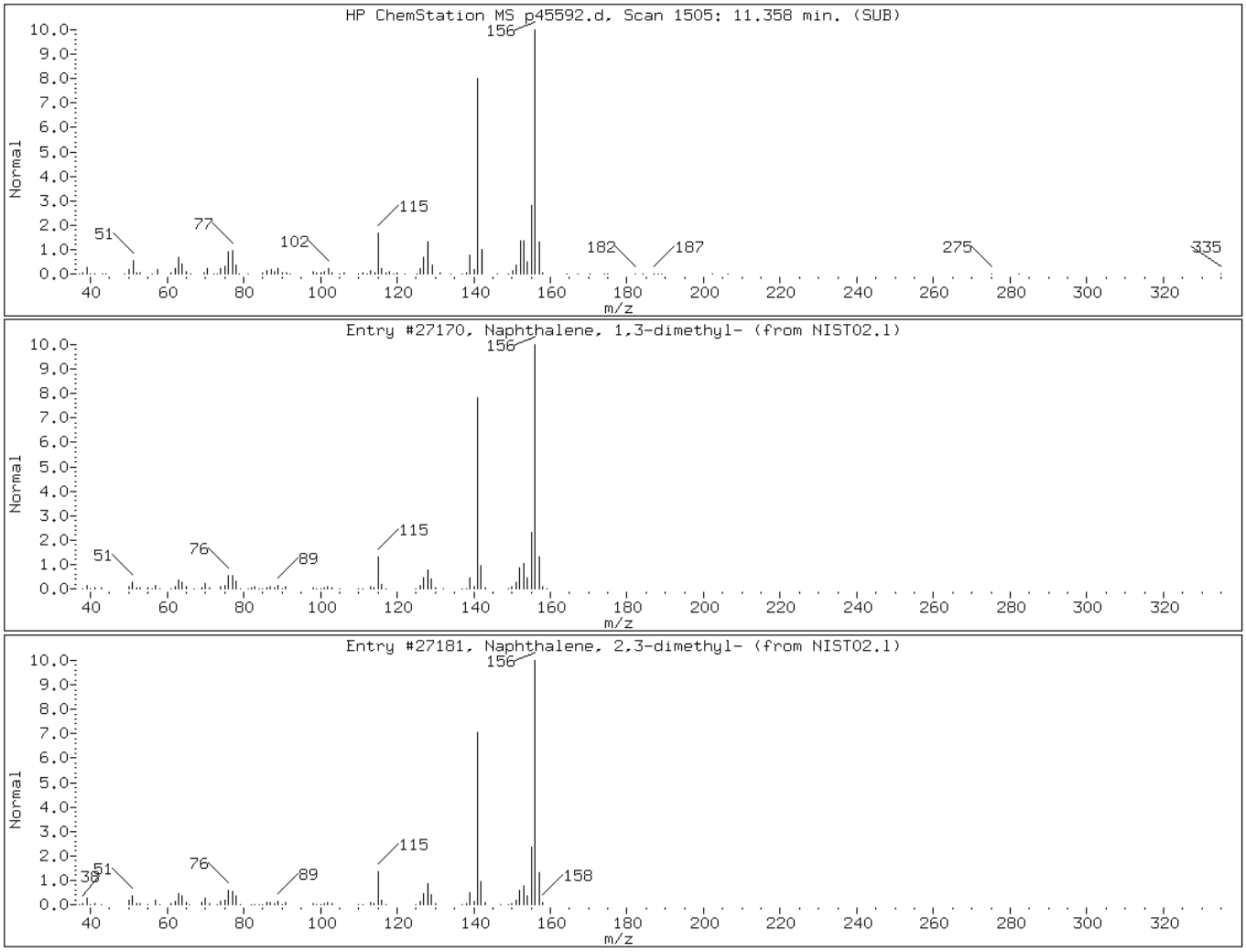
Date: 30-MAR-2011 18:02

Client ID: PMP-5SI-E (10.5-11) Instrument: VOAMS13.i

Sample Info: 460-24280-D-19-A;100;;5.86;5 Operator:

Retention Time: 11.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylnaphthalene isomer-1						
Naphthalene, 1,3-dimethyl-	575-41-7	NIST02.l	27170	96	C12H12	156
Naphthalene, 2,3-dimethyl-	581-40-8	NIST02.l	27181	96	C12H12	156



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-64630/6	o45226.d
Level 2	IC 460-64630/7	o45228.d
Level 3	ICIS 460-64630/2	o45214.d
Level 4	IC 460-64630/3	o45218.d
Level 5	IC 460-64630/4	o45219.d
Level 6	IC 460-64630/5	o45220.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	0.3361 0.3122	0.3092	0.2468	0.3094	0.3451	Ave		0.3098				11.1		15.0			
Chloromethane	0.3691 0.3371	0.3649	0.2936	0.3030	0.3276	Ave		0.3325			0.1000	9.3		15.0			
Vinyl chloride	0.3233 0.3369	0.3330	0.2698	0.3089	0.3355	Ave		0.3179				8.1		30.0			
Bromomethane	0.1977 0.1503	0.1970	0.1649	0.1759	0.1824	Ave		0.1780				10.4		15.0			
Chloroethane	0.2447 0.1902	0.2489	0.1959	0.2122	0.2260	Ave		0.2196				11.2		15.0			
Trichlorofluoromethane	0.5214 0.4985	0.5131	0.4096	0.5052	0.5360	Ave		0.4973				9.0		15.0			
n-Pentane	0.0560 0.0521	0.0451	0.0503	0.0574	0.0534	Ave		0.0524				8.4		15.0			
Ethanol	0.0010 0.0013	0.0011	0.0010	0.0009	0.0010	Ave		0.0010				11.2		15.0			
Ethyl ether	0.1768 0.1858	0.1825	0.1769	0.1740	0.1818	Ave		0.1796				2.5		15.0			
Isopropene	0.3324 0.4113	0.3144	0.3412	0.4084	0.4107	Ave		0.3697				12.2		15.0			
Acrolein	0.0141 0.0161	0.0153	0.0162	0.0151	0.0157	Ave		0.0154				4.9		15.0			
1,1-Dichloroethene	0.2402 0.2465	0.2324	0.2296	0.2466	0.2597	Ave		0.2425				4.5		30.0			
Freon TF	0.2446 0.2825	0.2276	0.2512	0.3032	0.3027	Ave		0.2686				11.9		15.0			
Acetone	0.0595 0.0429	0.0650	0.0554	0.0439	0.0409	LinF		0.0428							0.9997		0.9900
Iodomethane	0.2948 0.3458	0.2857	0.2708	0.3472	0.3804	Ave		0.3208				13.4		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

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	0.6566 0.8114	0.6681	0.7231	0.8295	0.8407	Ave		0.7549				11.0		15.0			
Isopropanol	0.0105 0.0123	0.0125	0.0111	0.0107	0.0108	Ave		0.0113				7.7		15.0			
Acetonitrile	0.0127 0.0188	0.0164	0.0193	0.0180	0.0191	Ave		0.0174				14.5		15.0			
Methyl acetate	0.0653 0.0469	0.0528	0.0525	0.0467	0.0447	Ave		0.0515				14.6		15.0			
Methylene Chloride	0.3242 0.2601	0.2861	0.2800	0.2674	0.2786	Ave		0.2827				7.9		15.0			
TBA	0.0191 0.0212	0.0191	0.0175	0.0170	0.0189	Ave		0.0188				7.8		15.0			
Acrylonitrile	0.0599 0.0731	0.0651	0.0604	0.0595	0.0649	Ave		0.0638				8.1		15.0			
trans-1,2-Dichloroethene	0.3043 0.2894	0.2825	0.2816	0.2914	0.3087	Ave		0.2930				3.8		15.0			
MTBE	0.6449 0.6768	0.6236	0.6278	0.6296	0.6717	Ave		0.6457				3.6		15.0			
Hexane	0.1791 0.2303	0.1577	0.1816	0.2290	0.2330	LinF		0.2306							0.9999		0.9900
1,1-Dichloroethane	0.4713 0.4554	0.4657	0.4396	0.4528	0.4772	Ave		0.4603			0.1000	3.0		15.0			
Vinyl acetate	0.5197 0.5710	0.4561	0.4533	0.4781	0.5798	Ave		0.5097				11.0		15.0			
DIPE	0.5770 0.7477	0.6831	0.6741	0.6944	0.7518	Ave		0.6880				9.2		15.0			
Tert-butyl ethyl ether	0.6163 0.7847	0.6970	0.7113	0.7383	0.7912	Ave		0.7231				8.9		15.0			
2,2-Dichloropropane	0.4156 0.4801	0.4209	0.4307	0.4651	0.4995	Ave		0.4520				7.6		15.0			
cis-1,2-Dichloroethene	0.3309 0.3233	0.3259	0.3333	0.3281	0.3454	Ave		0.3312				2.4		15.0			
2-Butanone	0.0258 0.0249	0.0286	0.0263	0.0233	0.0259	Ave		0.0258				6.7		15.0			
Ethyl acetate	0.0226 0.0213	0.0200	0.0185	0.0179	0.0200	Ave		0.0200				8.7		15.0			
Bromochloromethane	0.1620 0.1387	0.1491	0.1519	0.1426	0.1492	Ave		0.1489				5.4		15.0			
Chloroform	0.5020 0.4908	0.4957	0.4922	0.4927	0.5172	Ave		0.4984				2.0		30.0			

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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	0.4359 0.4886	0.4305	0.4420	0.4712	0.5081	Ave		0.4627				6.8		15.0			
Cyclohexane	0.3744 0.4869	0.3397	0.3749	0.4704	0.4957	LinF		0.4879							0.9998		0.9900
Carbon tetrachloride	0.3370 0.4244	0.3435	0.3522	0.4001	0.4376	Ave		0.3825				11.5		15.0			
1,1-Dichloropropene	0.4075 0.4366	0.3877	0.3698	0.4189	0.4488	Ave		0.4115				7.2		15.0			
Benzene	1.1662 1.1558	1.1663	1.1273	1.1552	1.2153	Ave		1.1643				2.5		15.0			
1,2-Dichloroethane	0.3340 0.3116	0.3181	0.3153	0.3093	0.3217	Ave		0.3183				2.8		15.0			
Isopropyl acetate	0.3807 0.4421	0.3573	0.3626	0.3723	0.4156	Ave		0.3885				8.6		15.0			
Tert-amyl methyl ether	0.5521 0.7191	0.6013	0.6361	0.6593	0.7156	Ave		0.6472				10.1		15.0			
2,4,4-Trimethyl-1-pentene	0.1218 0.1430	0.1217	0.1079	0.1407	0.1573	Ave		0.1320				13.7		15.0			
n-Butanol	0.0018 0.0033	0.0024	0.0023	0.0025	0.0030	QuaF		489.17	-958.8						0.9964		0.9900
Trichloroethene	0.3222 0.3239	0.3058	0.2995	0.3124	0.3328	Ave		0.3161				3.9		15.0			
Ethyl acrylate	0.1931 0.2514	0.1782	0.2007	0.2029	0.2606	LinF		0.2523							0.9992		0.9900
Methylcyclohexane	0.3973 0.6095	0.4140	0.4694	0.5893	0.6287	LinF		0.6119							0.9997		0.9900
1,2-Dichloropropane	0.2419 0.2676	0.2567	0.2495	0.2520	0.2732	Ave		0.2568				4.6		30.0			
Dibromomethane	0.1434 0.1430	0.1448	0.1439	0.1386	0.1472	Ave		0.1435				2.0		15.0			
1,4-Dioxane	0.0028 0.0027	0.0030	0.0023	0.0026	0.0032	Ave		0.0028				11.2		15.0			
Methyl methacrylate	0.1339 0.1469	0.1165	0.1190	0.1226	0.1373	Ave		0.1293				9.2		15.0			
Propyl acetate	0.1920 0.2474	0.1970	0.1951	0.2020	0.2276	Ave		0.2102				10.6		15.0			
Bromodichloromethane	0.3016 0.3560	0.3231	0.3329	0.3364	0.3670	Ave		0.3362				6.9		15.0			
2-Chloroethyl vinyl ether	0.0310 0.0505	0.0301	0.0313	0.0353	0.0418	QuaF		26.291	-12.86						0.9999		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

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								
Epichlorohydrin	0.0141 0.0194	0.0145	0.0151	0.0158	0.0178	Ave		0.0161				12.9		15.0			
cis-1,3-Dichloropropene	0.3561 0.4333	0.3905	0.4025	0.4023	0.4447	Ave		0.4049				7.8		15.0			
4-Methyl-2-pentanone	0.1218 0.1615	0.1395	0.1241	0.1287	0.1457	Ave		0.1369				11.1		15.0			
Toluene	2.1419 1.8090	2.0242	1.8752	1.9123	1.9597	Ave		1.9537				6.0		30.0			
trans-1,3-Dichloropropene	0.4535 0.5366	0.4594	0.4882	0.4999	0.5479	Ave		0.4976				7.8		15.0			
1,1,2-Trichloroethane	0.2343 0.2402	0.2454	0.2402	0.2342	0.2448	Ave		0.2398				2.0		15.0			
Tetrachloroethene	0.5754 0.5173	0.5065	0.5010	0.5442	0.5566	Ave		0.5335				5.6		15.0			
1,3-Dichloropropane	0.5168 0.5150	0.5229	0.5112	0.4976	0.5245	Ave		0.5147				1.9		15.0			
2-Hexanone	0.1164 0.1600	0.1385	0.1166	0.1241	0.1429	Ave		0.1331				12.9		15.0			
Dibromochloromethane	0.3056 0.3810	0.3115	0.3312	0.3442	0.3840	Ave		0.3429				9.8		15.0			
Butyl acetate	0.3006 0.3798	0.2808	0.2993	0.3101	0.3537	Ave		0.3207				11.8		15.0			
1,2-Dibromoethane	0.2789 0.3000	0.3166	0.2958	0.2912	0.3085	Ave		0.2985				4.4		15.0			
Chlorobenzene	1.2248 1.2082	1.2407	1.2095	1.2253	1.2708	Ave		1.2299			0.3000	1.9		15.0			
1,1,1,2-Tetrachloroethane	0.3546 0.4293	0.3589	0.3935	0.4047	0.4422	Ave		0.3972				9.0		15.0			
Ethylbenzene	0.6089 0.6907	0.6430	0.6429	0.6783	0.7116	Ave		0.6626				5.7		30.0			
m&p-Xylene	0.7643 0.8382	0.8104	0.8188	0.8551	0.9028	Ave		0.8316				5.6		15.0			
o-Xylene	0.7544 0.8278	0.7618	0.7963	0.8217	0.8612	Ave		0.8039				5.1		15.0			
Styrene	1.1258 1.3882	1.2332	1.2786	1.3217	1.4481	Ave		1.2993				8.8		15.0			
Butyl acrylate	0.6469 1.1295	0.7443	0.8894	0.9100	1.0260	LinF		1.1146							0.9979		0.9900
Bromoform	0.1397 0.2457	0.1862	0.1902	0.1972	0.2387	LinF		0.2444			0.1000				0.9993		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isopropylbenzene	1.7737 2.0519	1.8438	1.8468	2.0326	2.2027	Ave		1.9586				8.3		15.0			
Camphene, Total	0.2990 0.3378	0.2335	0.2384	0.3046	0.3229	LinF		0.3355							0.9993		0.9900
Monobromobenzene	1.0646 0.9820	0.9902	1.0030	0.9712	0.9884	Ave		0.9999				3.3		15.0			
1,1,2,2-Tetrachloroethane	0.3850 0.7036	0.6221	0.6443	0.6250	0.6692	LinF		0.6984			0.3000				0.9994		0.9900
1,2,3-Trichloropropane	0.2247 0.2206	0.1995	0.2103	0.1947	0.2099	Ave		0.2100				5.5		15.0			
trans-1,4-Dichloro-2-butene	0.0651 0.0744	0.0554	0.0565	0.0607	0.0724	Ave		0.0641				12.5		15.0			
N-Propylbenzene	4.2332 4.6124	4.3957	4.5535	4.9518	5.2294	Ave		4.6626				7.9		15.0			
2-Chlorotoluene	2.6504 2.8999	2.6637	2.7294	2.7562	2.8681	Ave		2.7613				3.7		15.0			
4-Chlorotoluene	3.0901 3.0163	2.6816	2.8242	2.8642	3.0445	Ave		2.9202				5.4		15.0			
1,3,5-Trimethylbenzene	3.0733 3.6390	3.1951	3.3778	3.5158	3.7436	Ave		3.4241				7.6		15.0			
Butyl Methacrylate	0.6507 1.1430	0.7174	0.8291	0.9668	1.1095	LinF		1.1369							0.9994		0.9900
tert-Butylbenzene	2.7128 3.3005	2.9149	3.0171	3.1984	3.4126	Ave		3.0927				8.4		15.0			
1,2,4-Trimethylbenzene	3.0505 3.6407	3.3341	3.4765	3.5930	3.8516	Ave		3.4911				7.9		15.0			
sec-Butylbenzene	4.0731 4.3209	4.2158	4.4127	4.8784	5.2260	Ave		4.5211				9.7		15.0			
1,3-Dichlorobenzene	2.1887 1.9720	2.0117	2.0123	1.9869	2.0626	Ave		2.0390				3.9		15.0			
1,4-Dichlorobenzene	2.1447 1.8413	1.9567	1.9585	1.9712	2.0373	Ave		1.9849				5.1		15.0			
p-Isopropyltoluene	3.5820 3.6274	3.6383	3.8244	4.2343	4.4865	Ave		3.8988				9.6		15.0			
Benzyl chloride	0.8873 1.5858	0.8740	1.1573	1.3029	1.5334	LinF		1.5764							0.9992		0.9900
1,2-Dichlorobenzene	1.9422 1.7408	1.8288	1.8116	1.7946	1.8392	Ave		1.8262				3.6		15.0			
n-Butylbenzene	3.0523 3.2611	3.1487	3.4366	3.8476	4.0593	Ave		3.4676				11.6		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dibromo-3-Chloropropane	0.1189 0.1297	0.1302	0.1090	0.1123	0.1201	Ave		0.1200				7.3		15.0			
Camphor	0.0597 0.0768	0.0625	0.0552	0.0662	0.0713	Ave		0.0653				12.1		15.0			
1,2,4-Trichlorobenzene	1.6630 1.3199	1.4408	1.4965	1.5348	1.4839	Ave		1.4898				7.6		15.0			
Hexachlorobutadiene	0.8303 0.7613	0.7714	0.7661	0.8995	0.8814	Ave		0.8184				7.5		15.0			
Naphthalene	3.1184 2.3349	2.6297	2.5615	2.6249	2.6233	Ave		2.6488				9.7		15.0			
1,2,3-Trichlorobenzene	1.5462 1.1833	1.3340	1.3069	1.3538	1.3040	Ave		1.3380				8.8		15.0			
1,2-Dichloroethane-d4 (Surr)	0.1813 0.1781	0.1913	0.1806	0.1801	0.1916	Ave		0.1838				3.3		15.0			
Toluene-d8 (Surr)	1.1356 1.1232	1.1786	1.1244	1.1571	1.1906	Ave		1.1516				2.5		15.0			
Bromofluorobenzene	0.7258 0.7467	0.7621	0.7339	0.7356	0.7625	Ave		0.7444				2.1		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-64630/6	o45226.d
Level 2	IC 460-64630/7	o45228.d
Level 3	ICIS 460-64630/2	o45214.d
Level 4	IC 460-64630/3	o45218.d
Level 5	IC 460-64630/4	o45219.d
Level 6	IC 460-64630/5	o45220.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	8239 4167631	38565	122450	389935	1774265	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	9050 4499136	45501	145632	381894	1684170	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	7926 4497524	41532	133864	389397	1724856	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	4847 2006113	24570	81782	221719	937726	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	5998 2538828	31034	97189	267460	1161742	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	12782 6654297	63992	203169	636769	2755668	1.00 500	5.00	20.0	50.0	200
n-Pentane	FB	Ave	1373 695309	5624	24969	72315	274542	1.00 500	5.00	20.0	50.0	200
Ethanol	FB	Ave	23790 200644	52455	71362	94799	133145	1000 6000	2000	3000	4000	5000
Ethyl ether	FB	Ave	4335 2479953	22761	87738	219311	934774	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	8149 5489709	39210	169238	514831	2111780	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	34689 257891	76380	120366	151872	202018	100 600	200	300	400	500
1,1-Dichloroethene	FB	Ave	5889 3289900	28978	113895	310828	1335282	1.00 500	5.00	20.0	50.0	200
Freon TF	FB	Ave	5996 3770721	28379	124632	382187	1556527	1.00 500	5.00	20.0	50.0	200
Acetone	FB	LinF	14597 1144753	24321	27460	55383	210250	10.0 1000	15.0	20.0	50.0	200
Iodomethane	FB	Ave	7227 4616107	35632	134329	437617	1955587	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	16097 10830911	83312	358700	1045513	4322447	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.: 460-24280-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

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
Isopropanol	FB	Ave	257590 1970338	625295	824747	1074196	1393413	1000 6000	2000	3000	4000	5000
Acetonitrile	FB	Ave	6224 5010266	40841	191381	453647	1961529	20.0 10000	100	400	1000	4000
Methyl acetate	FB	Ave	1600 626668	6580	26032	58901	230037	1.00 500	5.00	20.0	50.0	200
Methylene Chloride	FB	Ave	7949 3471644	35680	138877	337097	1432331	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	9380 5650062	47665	174044	428063	1947680	20.0 10000	100	400	1000	4000
Acrylonitrile	FB	Ave	73482 585701	162474	224698	299971	417323	50.0 300	100	150	200	250
trans-1,2-Dichloroethene	FB	Ave	7459 3862755	35231	139703	367257	1587330	1.00 500	5.00	20.0	50.0	200
MTBE	FB	Ave	15810 9034509	77773	311430	793605	3453422	1.00 500	5.00	20.0	50.0	200
Hexane	FB	LinF	4390 3074076	19666	90088	288703	1197788	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	11555 6079191	58075	218082	570680	2453584	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	12742 7621843	56877	224890	602652	2981233	1.00 500	5.00	20.0	50.0	200
DIPE	FB	Ave	14145 9980853	85186	334419	875218	3865181	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	15109 10473640	86925	352868	930662	4067878	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	10190 6408717	52490	213650	586239	2568229	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	8113 4316046	40644	165350	413515	1776029	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	6330 665416	10689	13060	29323	133131	10.0 1000	15.0	20.0	50.0	200
Ethyl acetate	FB	Ave	1108 567563	4989	18325	45008	205970	2.00 1000	10.0	40.0	100	400
Bromochloromethane	FB	Ave	3972 1852028	18589	75365	179800	767286	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	12306 6551000	61823	244160	621010	2659261	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	10687 6521750	53689	219277	593973	2612417	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	LinF	9179 6499306	42364	185972	592881	2548618	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.: 460-24280-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

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 tetrachloride	FB	Ave	8262 5665179	42842	174710	504327	2249756	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	9989 5827070	48346	183433	528038	2307636	1.00 500	5.00	20.0	50.0	200
Benzene	FB	Ave	28590 15428185	145445	559222	1456045	6248177	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	8189 4159277	39664	156399	389876	1654052	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	18668 11802868	89126	359739	938657	4273661	2.00 1000	10.0	40.0	100	400
Tert-amyl methyl ether	FB	Ave	13534 9598236	74986	315539	830997	3679272	1.00 500	5.00	20.0	50.0	200
2,4,4-Trimethyl-1-pentene	FB	Ave	2987 1908272	15171	53520	177289	808590	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	QuaF	21878 266312	59476	84074	127996	189686	500 3000	1000	1500	2000	2500
Trichloroethene	FB	Ave	7900 4322952	38135	148565	393717	1711164	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	LinF	4734 3355058	22229	99563	255701	1339996	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	LinF	9741 8135616	51635	232865	742735	3232607	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	5930 3572551	32013	123767	317589	1404670	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	3516 1909138	18052	71369	174755	756994	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	3436 21355	7385	8692	13226	20859	50.0 300	100	150	200	250
Methyl methacrylate	FB	Ave	3282 1960294	14525	59024	154519	705846	1.00 500	5.00	20.0	50.0	200
Propyl acetate	FB	Ave	9413 6604619	49136	193607	509145	2340534	2.00 1000	10.0	40.0	100	400
Bromodichloromethane	FB	Ave	7395 4752051	40289	165136	423978	1886820	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	QuaF	759 674059	3755	15520	44518	214791	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	FB	Ave	6896 5184236	36209	149380	398433	1829192	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	FB	Ave	8730 5783472	48701	199669	507132	2286402	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	FB	Ave	29872 4311718	52185	61571	162209	749087	10.0 1000	15.0	20.0	50.0	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

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
Toluene	CBZ	Ave	35654 16927324	171458	633625	1642666	6975020	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	7549 5020985	38913	164964	429370	1950231	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	3900 2247582	20783	81168	201148	871147	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	9578 4840550	42898	169292	467448	1981051	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	8603 4819042	44289	172746	427398	1866784	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	19369 2994401	35199	39401	106599	508681	10.0 1000	15.0	20.0	50.0	200
Dibromochloromethane	CBZ	Ave	5087 3564829	26384	111928	295678	1366744	1.00 500	5.00	20.0	50.0	200
Butyl acetate	CBZ	Ave	10007 7107257	47561	202243	532781	2517868	2.00 1000	10.0	40.0	100	400
1,2-Dibromoethane	CBZ	Ave	4642 2806960	26815	99941	250119	1098066	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	20387 11306084	105090	408707	1052524	4522983	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	5903 4017426	30396	132978	347642	1574019	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	10135 6462965	54463	217243	582688	2532595	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	25444 15687561	137293	553365	1468970	6426595	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	12557 7746258	64529	269065	705788	3065162	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	18740 12989554	104452	432031	1135305	5154134	1.00 500	5.00	20.0	50.0	200
Butyl acrylate	DCB	LinF	5604 5548257	33173	153714	413146	2010160	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	LinF	2325 2299006	15770	64283	169418	849438	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	29524 19200888	156177	624033	1745946	7840048	1.00 500	5.00	20.0	50.0	200
Camphene, Total	DCB	LinF	2590 1659376	10408	41211	138269	632641	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	9223 4824030	44136	173346	440937	1936549	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	LinF	3335 3456205	27727	111365	283733	1311079	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.: 460-24280-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

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
1,2,3-Trichloropropane	DCB	Ave	1947 1083875	8892	36353	88389	411186	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	FB	Ave	1595 992567	6905	28041	76497	372034	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	36673 22657456	195918	786992	2248087	10245932	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	22961 14245316	118723	471729	1251308	5619500	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	26770 14817071	119520	488119	1300345	5965171	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	26625 17875539	142409	583797	1596152	7334806	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	LinF	5637 5614522	31975	143304	438898	2173864	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	23502 16212771	129917	521459	1452055	6686358	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	26427 17884172	148604	600861	1631178	7546409	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	35286 21225351	187902	762670	2214749	10239320	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	18961 9686800	89662	347791	902057	4041287	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	18580 9044859	87211	338496	894907	3991671	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	31032 17818698	162162	660981	1922328	8790387	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	LinF	7687 7789773	38954	200012	591498	3004489	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	16826 8551098	81510	313102	814730	3603632	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	26443 16019592	140338	593964	1746767	7953443	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	1030 637125	5805	18840	50972	235277	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	Ave	2588 1886914	13934	47726	150264	698955	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	Ave	14407 6483499	64218	258649	696797	2907437	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	7193 3739764	34383	132412	408378	1726989	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	Ave	27016 11469444	117209	442717	1191705	5139870	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.: 460-24280-1 Analy Batch No.: 64630

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/14/2011 18:17 Calibration End Date: 02/15/2011 03:30 Calibration ID: 9726

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
1,2,3-Trichlorobenzene	DCB	Ave	13395 5812690	59457	225870	614619	2554938	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	222244 237782	238559	224010	227021	246277	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	945167 1051037	998276	949843	993892	1059368	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	314391 366798	339666	317099	333952	373472	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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 69010

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/30/2011 18:37 Calibration End Date: 03/30/2011 21:06 Calibration ID: 10313

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69010/2	o46766.d
Level 2	IC 460-69010/3	o46768.d
Level 3	ICIS 460-69010/4	o46769.d
Level 4	IC 460-69010/5	o46770.d
Level 5	IC 460-69010/6	o46771.d
Level 6	IC 460-69010/7	o46772.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	0.3046 0.3850	0.4274	0.3573	0.3820	0.3730	Ave		0.3716				10.8		15.0			
Chloromethane	0.3914 0.3554	0.4002	0.3299	0.3448	0.3421	Ave		0.3606			0.1000	7.9		15.0			
Vinyl chloride	0.3683 0.3846	0.4221	0.3446	0.3734	0.3744	Ave		0.3779				6.7		30.0			
Bromomethane	0.1798 0.1330	0.1910	0.1358	0.1268	0.1401	LinF		0.1340							0.9994		0.9900
Chloroethane	0.1840 0.1710	0.1979	0.1603	0.1691	0.1791	Ave		0.1769				7.4		15.0			
Trichlorofluoromethane	0.4746 0.5042	0.5464	0.4411	0.4694	0.4678	Ave		0.4839				7.6		15.0			
n-Pentane	0.0582 0.0500	0.0593	0.0521	0.0568	0.0516	Ave		0.0547				7.1		15.0			
Ethanol	0.0011 0.0013	0.0011	0.0011	0.0014	0.0011	Ave		0.0012				9.8		15.0			
Ethyl ether	0.2128 0.1680	0.2046	0.1875	0.1891	0.1749	Ave		0.1895				9.0		15.0			
Isopropene	0.4369 0.3947	0.5029	0.4473	0.4459	0.4165	Ave		0.4407				8.3		15.0			
Acrolein	0.0273 0.0274	0.0298	0.0291	0.0312	0.0261	Ave		0.0285				6.6		15.0			
1,1-Dichloroethene	0.2130 0.2066	0.2858	0.2436	0.2586	0.2075	Ave		0.2359				13.7		30.0			
Freon TF	0.2792 0.2766	0.3677	0.3095	0.3096	0.2907	Ave		0.3056				11.0		15.0			
Acetone	0.0702 0.0475	0.0849	0.0706	0.0563	0.0457	LinF		0.0475							0.9995		0.9900
Iodomethane	0.3019 0.3671	0.3362	0.3258	0.3585	0.3798	Ave		0.3449				8.4		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 69010

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/30/2011 18:37 Calibration End Date: 03/30/2011 21:06 Calibration ID: 10313

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	0.9333 0.9420	1.0909	0.9701	0.9874	0.9556	Ave		0.9799				5.9		15.0			
Isopropanol	0.0125 0.0134	0.0127	0.0142	0.0163	0.0124	Ave		0.0136				10.9		15.0			
Acetonitrile	0.0245 0.0227	0.0284	0.0272	0.0263	0.0234	Ave		0.0254				8.9		15.0			
Methyl acetate	0.0793 0.0513	0.0669	0.0563	0.0574	0.0499	LinF		0.0512							0.9996		0.9900
Methylene Chloride	0.3912 0.2504	0.3126	0.2778	0.2800	0.2436	LinF		0.2498							0.9996		0.9900
TBA	0.0294 0.0238	0.0282	0.0273	0.0265	0.0230	Ave		0.0264				9.5		15.0			
Acrylonitrile	0.0681 0.0770	0.0767	0.0753	0.0789	0.0701	Ave		0.0744				5.7		15.0			
trans-1,2-Dichloroethene	0.3013 0.2634	0.3529	0.3012	0.3078	0.2682	Ave		0.2991				10.8		15.0			
MTBE	0.6983 0.6648	0.7806	0.7440	0.7365	0.6765	Ave		0.7168				6.2		15.0			
Hexane	0.2943 0.2484	0.3240	0.2823	0.2834	0.2640	Ave		0.2827				9.2		15.0			
1,1-Dichloroethane	0.4340 0.4640	0.5605	0.4933	0.5056	0.4567	Ave		0.4857			0.1000	9.2		15.0			
Vinyl acetate	0.8579 0.5737	0.6751	0.6075	0.6356	0.6257	LinF		0.5820							0.9984		0.9900
DIPE	0.8641 0.7581	0.9788	0.8556	0.8426	0.7800	Ave		0.8465				9.2		15.0			
Tert-butyl ethyl ether	0.9503 0.8213	0.9629	0.8940	0.8867	0.8182	Ave		0.8889				6.9		15.0			
2,2-Dichloropropane	0.5501 0.4647	0.5757	0.4965	0.5087	0.4660	Ave		0.5103				8.8		15.0			
cis-1,2-Dichloroethene	0.3457 0.3206	0.3799	0.3441	0.3512	0.3177	Ave		0.3432				6.6		15.0			
2-Butanone	0.0253 0.0278	0.0320	0.0352	0.0335	0.0297	Ave		0.0306				12.0		15.0			
Ethyl acetate	0.0409 0.0261	0.0287	0.0272	0.0275	0.0246	LinF		0.0259							0.9994		0.9900
Bromochloromethane	0.1427 0.1388	0.1673	0.1485	0.1488	0.1349	Ave		0.1468				7.8		15.0			
Chloroform	0.4761 0.5032	0.5978	0.5219	0.5276	0.4927	Ave		0.5199				8.2		30.0			

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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 69010

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/30/2011 18:37 Calibration End Date: 03/30/2011 21:06 Calibration ID: 10313

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	0.4683 0.5130	0.5854	0.5267	0.5373	0.5027	Ave		0.5222				7.5		15.0			
Cyclohexane	0.6396 0.5782	0.6986	0.6117	0.6127	0.5932	Ave		0.6223				6.9		15.0			
Carbon tetrachloride	0.3988 0.4349	0.5067	0.4610	0.4650	0.4327	Ave		0.4498				8.1		15.0			
1,1-Dichloropropene	0.4030 0.4428	0.5319	0.4638	0.4773	0.4361	Ave		0.4591				9.5		15.0			
Benzene	1.2026 1.2234	1.4274	1.2897	1.3058	1.2003	Ave		1.2749				6.8		15.0			
1,2-Dichloroethane	0.3004 0.3089	0.3403	0.3236	0.3288	0.2976	Ave		0.3166				5.4		15.0			
Isopropyl acetate	0.5387 0.4806	0.5456	0.5310	0.5214	0.4789	Ave		0.5160				5.7		15.0			
Tert-amyl methyl ether	0.8402 0.7576	0.8721	0.8235	0.8074	0.7486	Ave		0.8082				5.9		15.0			
2,4,4-Trimethyl-1-pentene	0.2050 0.1407	0.1673	0.1553	0.1626	0.1491	Ave		0.1633				13.8		15.0			
Trichloroethene	0.3548 0.3255	0.3799	0.3453	0.3410	0.3147	Ave		0.3435				6.7		15.0			
Ethyl acrylate	0.2625 0.3141	0.2633	0.2773	0.3284	0.2827	Ave		0.2881				9.5		15.0			
Methylcyclohexane	0.7065 0.6489	0.8192	0.7243	0.7190	0.6860	Ave		0.7173				7.9		15.0			
1,2-Dichloropropane	0.2636 0.2780	0.3243	0.2842	0.2881	0.2690	Ave		0.2845				7.6		30.0			
Dibromomethane	0.1636 0.1434	0.1696	0.1495	0.1524	0.1374	Ave		0.1527				7.9		15.0			
1,4-Dioxane	0.0041 0.0034	0.0040	0.0034	0.0031	0.0035	Ave		0.0036				11.2		15.0			
Methyl methacrylate	0.2039 0.1628	0.1862	0.1711	0.1737	0.1577	Ave		0.1759				9.6		15.0			
Propyl acetate	0.3402 0.2824	0.3156	0.3038	0.3024	0.2747	Ave		0.3032				7.8		15.0			
Bromodichloromethane	0.3491 0.3721	0.4156	0.3690	0.3721	0.3537	Ave		0.3719				6.3		15.0			
2-Chloroethyl vinyl ether	0.0845 0.0768	0.0613	0.0632	0.0640	0.0664	Ave		0.0694				13.3		15.0			
Epichlorohydrin	0.0262 0.0232	0.0242	0.0252	0.0248	0.0225	Ave		0.0244				5.5		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 69010

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/30/2011 18:37 Calibration End Date: 03/30/2011 21:06 Calibration ID: 10313

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
cis-1,3-Dichloropropene	0.4387 0.4569	0.5166	0.4628	0.4709	0.4361	Ave		0.4637				6.3		15.0			
4-Methyl-2-pentanone	0.1824 0.1846	0.2053	0.2042	0.2015	0.1837	Ave		0.1936				5.7		15.0			
Toluene	2.3597 1.8627	2.4504	2.0671	2.0747	1.9067	Ave		2.1202				11.2		30.0			
trans-1,3-Dichloropropene	0.3592 0.5486	0.6399	0.5769	0.5807	0.5418	LinF		0.5480							0.9999		0.9900
1,1,2-Trichloroethane	0.2796 0.2503	0.2909	0.2614	0.2614	0.2420	Ave		0.2643				6.9		15.0			
Tetrachloroethene	0.5487 0.5332	0.6346	0.5697	0.5770	0.5357	Ave		0.5665				6.7		15.0			
1,3-Dichloropropane	0.5318 0.5476	0.6267	0.5689	0.5702	0.5299	Ave		0.5625				6.4		15.0			
2-Hexanone	0.1988 0.1836	0.2113	0.2111	0.2034	0.1851	Ave		0.1989				6.1		15.0			
Dibromochloromethane	0.3865 0.3931	0.4350	0.3883	0.3984	0.3792	Ave		0.3967				5.0		15.0			
Butyl acetate	0.5448 0.4236	0.5286	0.4823	0.4703	0.4246	Ave		0.4790				10.6		15.0			
1,2-Dibromoethane	0.3319 0.3073	0.3562	0.3268	0.3282	0.2983	Ave		0.3248				6.3		15.0			
Chlorobenzene	1.2586 1.2282	1.4308	1.2810	1.3030	1.2142	Ave		1.2860			0.3000	6.1		15.0			
1,1,1,2-Tetrachloroethane	0.4085 0.4437	0.4913	0.4341	0.4491	0.4321	Ave		0.4431				6.2		15.0			
Ethylbenzene	0.7096 0.7346	0.8687	0.7437	0.7522	0.7239	Ave		0.7555				7.6		30.0			
m&p-Xylene	0.9069 0.8426	1.0864	0.9311	0.9400	0.8673	Ave		0.9291				9.2		15.0			
o-Xylene	0.8768 0.8364	1.0437	0.8885	0.9049	0.8379	Ave		0.8980				8.5		15.0			
Styrene	1.4523 1.3484	1.7295	1.4559	1.4717	1.3419	Ave		1.4666				9.6		15.0			
Butyl acrylate	1.6094 1.1085	1.6014	1.2999	1.2649	1.0910	LinF		1.1080							0.9996		0.9900
Bromoform	0.2351 0.2460	0.2838	0.2396	0.2464	0.2331	Ave		0.2473			0.1000	7.6		15.0			
Isopropylbenzene	1.9809 2.1644	2.6337	2.2311	2.2961	2.1433	Ave		2.2416				9.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 69010

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/30/2011 18:37 Calibration End Date: 03/30/2011 21:06 Calibration ID: 10313

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								
Camphene, Total	0.4445 0.3346	0.4527	0.3998	0.3663	0.3449	Ave		0.3905				12.9		15.0			
Monobromobenzene	0.9863 0.9618	1.1426	1.0082	1.0094	0.9255	Ave		1.0056				7.4		15.0			
1,1,2,2-Tetrachloroethane	0.7400 0.7252	0.8367	0.7245	0.7607	0.6932	Ave		0.7467			0.3000	6.6		15.0			
1,2,3-Trichloropropane	0.2791 0.2308	0.2563	0.2312	0.2377	0.2170	Ave		0.2420				9.2		15.0			
trans-1,4-Dichloro-2-butene	0.1207 0.0823	0.0968	0.0844	0.0904	0.0802	LinF		0.0821							0.9997		0.9900
N-Propylbenzene	4.8528 5.3109	6.4237	5.5018	5.4007	5.2474	Ave		5.4562				9.6		15.0			
2-Chlorotoluene	2.9138 2.9935	3.5170	3.0558	3.0958	2.8740	Ave		3.0750				7.5		15.0			
4-Chlorotoluene	2.9642 3.0955	3.6639	3.1667	3.1981	3.0070	Ave		3.1826				7.9		15.0			
1,3,5-Trimethylbenzene	3.5961 3.7649	4.5692	3.8963	3.9217	3.7245	Ave		3.9121				8.8		15.0			
Butyl Methacrylate	1.3923 1.1328	1.3716	1.2610	1.2333	1.1260	Ave		1.2528				9.1		15.0			
tert-Butylbenzene	3.0356 3.4459	4.0539	3.5528	3.6229	3.4342	Ave		3.5242				9.4		15.0			
1,2,4-Trimethylbenzene	3.8214 3.6965	4.6357	3.9152	3.9538	3.6627	Ave		3.9476				9.0		15.0			
sec-Butylbenzene	4.5858 4.8648	6.2608	5.2860	5.4031	5.0510	Ave		5.2419				11.0		15.0			
1,3-Dichlorobenzene	2.0775 1.9228	2.3600	2.0352	2.0530	1.9008	Ave		2.0582				8.0		15.0			
1,4-Dichlorobenzene	1.9526 1.7658	2.3730	2.0015	2.0216	1.8384	Ave		1.9921				10.6		15.0			
p-Isopropyltoluene	4.1038 4.0343	5.3988	4.5029	4.5485	4.2705	Ave		4.4765				11.1		15.0			
Benzyl chloride	1.9841 1.5752	1.9078	1.7912	1.7204	1.6009	Ave		1.7633				9.3		15.0			
1,2-Dichlorobenzene	1.8282 1.7462	2.2337	1.8656	1.8929	1.7437	Ave		1.8850				9.6		15.0			
n-Butylbenzene	3.7433 3.6906	4.9190	4.2127	4.1828	3.9181	Ave		4.1111				11.0		15.0			
1,2-Dibromo-3-Chloropropane	0.1888 0.1458	0.1802	0.1534	0.1606	0.1419	Ave		0.1618				11.7		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 69010

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/30/2011 18:37 Calibration End Date: 03/30/2011 21:06 Calibration ID: 10313

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	0.1344 0.0877	0.1227	0.1120	0.1088	0.0904	LinF		0.0883							0.9989		0.9900
1,2,4-Trichlorobenzene	1.5448 1.2384	1.8185	1.5092	1.5075	1.3175	Ave		1.4893				13.6		15.0			
Hexachlorobutadiene	0.8223 0.7594	1.1170	0.9400	0.9310	0.8463	Ave		0.9027				13.9		15.0			
Naphthalene	3.8968 2.6682	3.9745	3.1382	3.1589	2.7706	LinF		2.6884							0.9992		0.9900
1,2,3-Trichlorobenzene	1.4230 1.1279	1.6696	1.3343	1.3628	1.1896	Ave		1.3512				14.2		15.0			
1,2-Dichloroethane-d4 (Surr)	0.1632 0.1430	0.1765	0.1757	0.1801	0.1702	Ave		0.1681				8.1		15.0			
Toluene-d8 (Surr)	1.0189 0.8501	1.0807	1.0781	1.0788	1.0611	Ave		1.0279				8.8		15.0			
Bromofluorobenzene	0.6482 0.5763	0.6970	0.6976	0.7038	0.6790	Ave		0.6670				7.3		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.: 460-24280-1 Analy Batch No.: 69010

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/30/2011 18:37 Calibration End Date: 03/30/2011 21:06 Calibration ID: 10313

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69010/2	o46766.d
Level 2	IC 460-69010/3	o46768.d
Level 3	ICIS 460-69010/4	o46769.d
Level 4	IC 460-69010/5	o46770.d
Level 5	IC 460-69010/6	o46771.d
Level 6	IC 460-69010/7	o46772.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	6611 3853310	42884	153036	391569	1490883	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	8493 3556607	40159	141303	353389	1367633	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	7992 3848930	42354	147610	382753	1496670	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	LinF	3902 1331194	19167	58158	129942	559992	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	3994 1711244	19854	68675	173368	716019	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	10300 5045774	54824	188920	481126	1869767	1.00 500	5.00	20.0	50.0	200
n-Pentane	FB	Ave	1262 500503	5953	22308	58198	206372	1.00 500	5.00	20.0	50.0	200
Ethanol	FB	Ave	22884 152122	44523	73682	111456	111170	1000 6000	2000	3000	4000	5000
Ethyl ether	FB	Ave	4617 1681079	20533	80318	193815	699059	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	9482 3949905	50461	191584	457009	1664700	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	59208 328922	119682	186828	255782	260771	100 600	200	300	400	500
1,1-Dichloroethene	FB	Ave	4623 2067680	28672	104335	265073	829531	1.00 500	5.00	20.0	50.0	200
Freon TF	FB	Ave	6060 2768327	36891	132543	317376	1162089	1.00 500	5.00	20.0	50.0	200
Acetone	FB	LinF	15225 949941	25560	30233	57751	182646	10.0 1000	15.0	20.0	50.0	200
Iodomethane	FB	Ave	6551 3674239	33732	139523	367446	1518247	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	20254 9427133	109459	415498	1012101	3819672	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.: 460-24280-1 Analy Batch No.: 69010

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/30/2011 18:37 Calibration End Date: 03/30/2011 21:06 Calibration ID: 10313

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
Isopropanol	FB	Ave	271946 1607030	511510	910523	1338215	1241875	1000 6000	2000	3000	4000	5000
Acetonitrile	FB	Ave	10638 4541100	57060	232621	540046	1869159	20.0 10000	100	400	1000	4000
Methyl acetate	FB	LinF	1722 513329	6716	24102	58859	199407	1.00 500	5.00	20.0	50.0	200
Methylene Chloride	FB	LinF	8490 2505935	31369	118995	287022	973530	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	12766 4762941	56594	233849	543572	1839214	20.0 10000	100	400	1000	4000
Acrylonitrile	FB	Ave	73907 462549	153945	241931	323446	350411	50.0 300	100	150	200	250
trans-1,2-Dichloroethene	FB	Ave	6538 2636385	35410	129011	315461	1072171	1.00 500	5.00	20.0	50.0	200
MTBE	FB	Ave	15154 6653468	78318	318640	754868	2704298	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	6387 2485823	32512	120921	290437	1055461	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	9419 4643728	56238	211276	518272	1825522	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	LinF	18617 5741316	67740	260173	651506	2500884	1.00 500	5.00	20.0	50.0	200
DIPE	FB	Ave	18753 7586505	98205	366463	863665	3117850	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	20622 8219898	96614	382882	908828	3270516	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	11937 4651038	57762	212649	521384	1862518	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	7502 3208455	38120	147360	359938	1269918	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	5496 555996	9631	15070	34290	118544	10.0 1000	15.0	20.0	50.0	200
Ethyl acetate	FB	LinF	1777 521805	5760	23277	56440	196909	2.00 1000	10.0	40.0	100	400
Bromochloromethane	FB	Ave	3096 1389214	16787	63600	152471	539053	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	10332 5035972	59979	223526	540827	1969261	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	10163 5133521	58740	225600	550702	2009245	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	13881 5786874	70090	262011	627988	2371073	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.: 460-24280-1 Analy Batch No.: 69010

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/30/2011 18:37 Calibration End Date: 03/30/2011 21:06 Calibration ID: 10313

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 tetrachloride	FB	Ave	8654 4352228	50843	197435	476609	1729704	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	8746 4431145	53367	198631	489192	1743159	1.00 500	5.00	20.0	50.0	200
Benzene	FB	Ave	26098 12243956	143217	552360	1338408	4797855	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	6519 3091480	34142	138600	337019	1189554	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	23382 9619407	109494	454862	1068813	3828236	2.00 1000	10.0	40.0	100	400
Tert-amyl methyl ether	FB	Ave	18233 7581785	87502	352710	827536	2992503	1.00 500	5.00	20.0	50.0	200
2,4,4-Trimethyl-1-pentene	FB	Ave	4448 1408049	16791	66513	166624	596116	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	7699 3257337	38118	147892	349554	1257759	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	5696 3143613	26420	118773	336603	1130117	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	15331 6493718	82199	310206	736995	2742256	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	5721 2781764	32538	121715	295264	1075116	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	3551 1435594	17013	64029	156165	549331	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	4451 20479	8092	10993	12570	17431	50.0 300	100	150	200	250
Methyl methacrylate	FB	Ave	4425 1629555	18686	73273	178003	630346	1.00 500	5.00	20.0	50.0	200
Propyl acetate	FB	Ave	14764 5652934	63339	260243	619896	2196006	2.00 1000	10.0	40.0	100	400
Bromodichloromethane	FB	Ave	7576 3723465	41696	158025	381367	1413674	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	Ave	1834 768401	6155	27074	65638	265318	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	FB	Ave	11368 4653223	48600	215555	509039	1800942	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	FB	Ave	9520 4572078	51830	198210	482673	1743285	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	FB	Ave	39584 3694008	61788	87475	206518	734362	10.0 1000	15.0	20.0	50.0	200
Toluene	CBZ	Ave	35074 13523843	170669	614925	1491650	5308253	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.: 460-24280-1 Analy Batch No.: 69010

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/30/2011 18:37 Calibration End Date: 03/30/2011 21:06 Calibration ID: 10313

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
trans-1,3-Dichloropropene	CBZ	LinF	5339 3983008	44566	171605	417472	1508330	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	4156 1817519	20258	77767	187934	673635	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	8155 3870909	44200	169483	414827	1491511	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	7904 3976110	43650	169237	409922	1475190	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	29555 2666499	44141	62805	146241	515382	10.0 1000	15.0	20.0	50.0	200
Dibromochloromethane	CBZ	Ave	5745 2854185	30296	115504	286405	1055744	1.00 500	5.00	20.0	50.0	200
Butyl acetate	CBZ	Ave	16195 6150435	73637	286929	676188	2364448	2.00 1000	10.0	40.0	100	400
1,2-Dibromoethane	CBZ	Ave	4934 2230876	24808	97203	235965	830522	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	18708 8917502	99654	381062	936818	3380282	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	6072 3221693	34222	129126	322850	1202862	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	10548 5333351	60502	221235	540818	2015454	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	26961 12235777	151339	553939	1351650	4828951	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	13033 6072453	72696	264298	650584	2332727	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	21587 9789985	120459	433117	1058119	3735974	1.00 500	5.00	20.0	50.0	200
Butyl acrylate	DCB	LinF	13000 4205529	59099	200880	475922	1609484	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	3494 1785718	19765	71291	177172	648879	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	29444 15713961	183435	663723	1650828	5967150	1.00 500	5.00	20.0	50.0	200
Camphene, Total	DCB	Ave	3590 1269351	16706	61783	137832	508805	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	7967 3649186	42167	155809	379788	1365274	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	5977 2751297	30876	111962	286215	1022661	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	2254 875637	9459	35734	89448	320100	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.: 460-24280-1 Analy Batch No.: 69010

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/30/2011 18:37 Calibration End Date: 03/30/2011 21:06 Calibration ID: 10313

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	LinF	2620 823854	9711	36147	92669	320479	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	39198 20149535	237061	850227	2032088	7741135	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	23536 11357143	129792	472235	1164847	4239890	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	23943 11744386	135212	489371	1203349	4436031	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	29047 14283790	168624	602119	1475625	5494454	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	11246 4297780	50618	194866	464052	1661164	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	24520 13073715	149605	549036	1363164	5066281	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	30867 14024506	171076	605033	1487681	5403354	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	37041 18456925	231050	816867	2032997	7451443	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	16781 7294899	87093	314509	772474	2804066	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	15772 6699474	87572	309295	760676	2712078	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	Ave	33148 15306043	199237	695861	1711445	6299953	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	16026 5976344	70407	276799	647329	2361673	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	14767 6625176	82432	288305	712219	2572301	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	30236 14001908	181532	651009	1573837	5780126	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	1525 553107	6651	23701	60430	209281	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	LinF	5430 1662958	22634	86518	204655	666852	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	Ave	12478 4698576	67109	233223	567219	1943649	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	6642 2881025	41222	145256	350321	1248420	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	LinF	31476 10122932	146676	484954	1188602	4087245	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	11494 4279049	61616	206197	512785	1755004	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.: 460-24280-1 Analy Batch No.: 69010

SDG No.:

Instrument ID: VOAMS12 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 03/30/2011 18:37 Calibration End Date: 03/30/2011 21:06 Calibration ID: 10313

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-Dichloroethane-d4 (Surr)	FB	Ave	177102 143141	177130	188141	184622	170124	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	757210 617221	752685	801773	775595	738572	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	261771 218655	257233	269519	264821	250427	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66327

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 02:00 Calibration End Date: 03/03/2011 04:37 Calibration ID: 10017

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66327/2	p44659.d
Level 2	IC 460-66327/3	p44661.d
Level 3	ICIS 460-66327/4	p44662.d
Level 4	IC 460-66327/5	p44663.d
Level 5	IC 460-66327/6	p44664.d
Level 6	IC 460-66327/7	p44665.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	0.1707 0.1992	0.2185	0.2196	0.2179	0.2286	Ave		0.2091				10.1		15.0			
Chloromethane	0.3343 0.2883	0.3118	0.2954	0.3034	0.3250	Ave		0.3097			0.1000	5.7		15.0			
Vinyl chloride	0.2316 0.2766	0.2882	0.2918	0.2832	0.3057	Ave		0.2795				9.1		30.0			
Bromomethane	0.1782 0.1960	0.1779	0.1680	0.1645	0.1965	Ave		0.1802				7.5		15.0			
Chloroethane	0.2054 0.1862	0.2075	0.2027	0.1995	0.2133	Ave		0.2024				4.6		15.0			
n-Pentane	0.0517 0.0402	0.0448	0.0445	0.0452	0.0457	Ave		0.0453				8.1		15.0			
Trichlorofluoromethane	0.3754 0.4345	0.4603	0.4730	0.4979	0.5318	Ave		0.4621				11.7		15.0			
Isopropene	0.2815 0.3170	0.3040	0.3006	0.3291	0.3485	Ave		0.3134				7.5		15.0			
Ethyl ether	0.2075 0.1847	0.1938	0.1902	0.1905	0.2063	Ave		0.1955				4.8		15.0			
1,1-Dichloroethene	0.1397 0.1648	0.1707	0.1434	0.1595	0.1842	Ave		0.1604				10.5		30.0			
Carbon disulfide	0.6167 0.7230	0.6472	0.6066	0.6754	0.6986	Ave		0.6613				7.0		15.0			
Ethanol	0.0012 0.0015	0.0013	0.0012	0.0012	0.0015	Ave		0.0013				10.8		15.0			
Freon TF	0.1857 0.2006	0.1976	0.1817	0.1982	0.2120	Ave		0.1960				5.6		15.0			
Acrolein	0.0672 0.0289	0.0348	0.0305	0.0282	0.0326	LinF		0.0297							0.9951		0.9900
Isopropanol	0.0149 0.0151	0.0161	0.0148	0.0147	0.0163	Ave		0.0153				4.5		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66327

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 02:00 Calibration End Date: 03/03/2011 04:37 Calibration ID: 10017

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	0.2497 0.2172	0.2532	0.2159	0.2287	0.2423	Ave		0.2345				6.9		15.0			
Acetone	0.0285 0.0184	0.0279	0.0227	0.0212	0.0205	LinF		0.0187							0.9970		0.9900
trans-1,2-Dichloroethene	0.1652 0.2073	0.2085	0.1904	0.2047	0.2264	Ave		0.2004				10.3		15.0			
Methyl acetate	0.0562 0.0507	0.0528	0.0504	0.0464	0.0540	Ave		0.0518				6.6		15.0			
Hexane	0.1471 0.1714	0.1761	0.1708	0.1812	0.1912	Ave		0.1730				8.5		15.0			
MTBE	0.5863 0.6610	0.6212	0.6242	0.6613	0.7112	Ave		0.6442				6.7		15.0			
TBA	0.0213 0.0228	0.0209	0.0211	0.0221	0.0242	Ave		0.0221				5.8		15.0			
Acetonitrile	0.0054 0.0051	0.0051	0.0051	0.0049	0.0056	Ave		0.0052				4.8		15.0			
DIPE	0.8188 0.8119	0.8158	0.7756	0.8184	0.8854	Ave		0.8210				4.3		15.0			
1,1-Dichloroethane	0.3890 0.4108	0.4305	0.3897	0.4176	0.4504	Ave		0.4147			0.1000	5.7		15.0			
Acrylonitrile	0.1607 0.0786	0.0960	0.0825	0.0835	0.0870	LinF		0.0806							0.9965		0.9900
Tert-butyl ethyl ether	0.6670 0.7562	0.6953	0.6994	0.7404	0.8069	Ave		0.7275				6.9		15.0			
Vinyl acetate	0.3763 0.3508	0.3585	0.3362	0.3503	0.3699	Ave		0.3570				4.1		15.0			
cis-1,2-Dichloroethene	0.2610 0.2336	0.2625	0.2293	0.2299	0.2619	Ave		0.2464				6.9		15.0			
2,2-Dichloropropane	0.3467 0.3230	0.3450	0.3237	0.3388	0.3610	Ave		0.3397				4.3		15.0			
Cyclohexane	0.3254 0.3990	0.3993	0.3739	0.4085	0.4257	Ave		0.3886				9.1		15.0			
Bromochloromethane	0.1078 0.1087	0.1131	0.1067	0.1092	0.1231	Ave		0.1114				5.5		15.0			
Chloroform	0.4094 0.3918	0.3941	0.3725	0.3913	0.4306	Ave		0.3983				4.9		30.0			
Carbon tetrachloride	0.2353 0.2886	0.2928	0.2531	0.2922	0.3207	Ave		0.2805				11.0		15.0			
Ethyl acetate	0.0204 0.0229	0.0240	0.0235	0.0218	0.0242	Ave		0.0228				6.4		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66327

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 02:00 Calibration End Date: 03/03/2011 04:37 Calibration ID: 10017

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Tetrahydrofuran	0.1030 0.0875	0.0983	0.0904	0.0899	0.0946	Ave		0.0939				6.2		15.0			
1,1,1-Trichloroethane	0.3416 0.3444	0.3494	0.3267	0.3447	0.3771	Ave		0.3473				4.8		15.0			
1,1-Dichloropropene	0.2610 0.3182	0.3241	0.3012	0.3306	0.3499	Ave		0.3141				9.7		15.0			
2-Butanone	0.1065 0.1002	0.1152	0.1032	0.1029	0.1112	Ave		0.1065				5.3		15.0			
n-Heptane	0.1051 0.1146	0.1240	0.1095	0.1192	0.1260	Ave		0.1164				7.0		15.0			
Benzene	1.1024 1.2049	1.2216	1.1567	1.2288	1.3047	Ave		1.2032				5.7		15.0			
Tert-amyl methyl ether	0.5448 0.6398	0.5752	0.5745	0.5994	0.6775	Ave		0.6019				8.1		15.0			
1,2-Dichloroethane	0.2892 0.2979	0.3402	0.2786	0.3032	0.3304	Ave		0.3066				7.8		15.0			
Isopropyl acetate	0.3444 0.4242	0.3781	0.3941	0.4108	0.4538	Ave		0.4009				9.5		15.0			
Methylcyclohexane	0.2577 0.3392	0.3215	0.2930	0.3371	0.3656	Ave		0.3190				12.0		15.0			
Trichloroethene	0.2553 0.2216	0.2193	0.2043	0.2212	0.2414	Ave		0.2272				8.0		15.0			
Dibromomethane	0.1296 0.1298	0.1387	0.1228	0.1284	0.1408	Ave		0.1317				5.2		15.0			
n-Butanol	0.0048 0.0071	0.0058	0.0057	0.0059	0.0069	Ave		0.0060				14.0		15.0			
1,2-Dichloropropane	0.2337 0.2534	0.2466	0.2383	0.2509	0.2770	Ave		0.2500				6.1		30.0			
Bromodichloromethane	0.2898 0.3053	0.3001	0.2777	0.2958	0.3302	Ave		0.2998				5.9		15.0			
Ethyl acrylate	0.2569 0.2776	0.2649	0.2464	0.2572	0.2940	Ave		0.2662				6.4		15.0			
Methyl methacrylate	0.0439 0.0497	0.0498	0.0454	0.0475	0.0531	Ave		0.0482				6.9		15.0			
1,4-Dioxane	0.0020 0.0026	0.0026	0.0026	0.0027	0.0031	Ave		0.0026				12.9		15.0			
Propyl acetate	0.2411 0.3122	0.2730	0.2875	0.3039	0.3397	Ave		0.2929				11.6		15.0			
2-Chloroethyl vinyl ether	0.1133 0.1490	0.1211	0.1318	0.1385	0.1585	Ave		0.1354				12.5		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66327

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 02:00 Calibration End Date: 03/03/2011 04:37 Calibration ID: 10017

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
cis-1,3-Dichloropropene	0.4123 0.5361	0.4917	0.4975	0.5274	0.5803	Ave		0.5076				11.1		15.0			
Toluene	1.4363 1.3273	1.4733	1.2992	1.3630	1.4370	Ave		1.3893				5.0		30.0			
Epichlorohydrin	0.0266 0.0294	0.0265	0.0281	0.0297	0.0323	Ave		0.0288				7.6		15.0			
Tetrachloroethene	0.2850 0.3153	0.3288	0.2996	0.3231	0.3480	Ave		0.3167				7.0		15.0			
4-Methyl-2-pentanone	0.2276 0.2759	0.2742	0.2608	0.2764	0.3013	Ave		0.2694				9.0		15.0			
trans-1,3-Dichloropropene	0.3532 0.4995	0.4468	0.4387	0.4887	0.5418	Ave		0.4614				14.1		15.0			
1,1,2-Trichloroethane	0.1927 0.2213	0.2384	0.2092	0.2224	0.2397	Ave		0.2206				8.1		15.0			
Dibromochloromethane	0.2757 0.3097	0.2935	0.2753	0.2981	0.3393	Ave		0.2986				8.0		15.0			
1,3-Dichloropropane	0.4353 0.4817	0.4862	0.4714	0.4920	0.5243	Ave		0.4818				6.0		15.0			
1,2-Dibromoethane	0.2457 0.2541	0.2500	0.2362	0.2542	0.2794	Ave		0.2533				5.7		15.0			
Butyl acetate	0.0745 0.0740	0.0687	0.0662	0.0720	0.0794	Ave		0.0725				6.5		15.0			
2-Hexanone	0.0153 0.0182	0.0202	0.0185	0.0184	0.0194	Ave		0.0183				9.1		15.0			
Chlorobenzene	0.8525 0.8654	0.8929	0.8128	0.8667	0.9328	Ave		0.8705			0.3000	4.6		15.0			
Ethylbenzene	0.3849 0.4838	0.4693	0.4291	0.4712	0.5143	Ave		0.4588				9.9		30.0			
1,1,1,2-Tetrachloroethane	0.2892 0.3203	0.2965	0.2739	0.3011	0.3376	Ave		0.3031				7.5		15.0			
m&p-Xylene	0.5370 0.6388	0.5616	0.5370	0.5865	0.6619	Ave		0.5871				9.0		15.0			
o-Xylene	0.4301 0.5863	0.5682	0.5175	0.5653	0.6304	Ave		0.5496				12.6		15.0			
Bromoform	0.1641 0.2239	0.1921	0.1896	0.2020	0.2368	Ave		0.2014			0.1000	12.9		15.0			
Styrene	0.6631 1.0486	0.8863	0.8969	0.9796	1.0952	LinF		1.0545							0.9995		0.9900
Butyl acrylate	0.1288 0.2342	0.1827	0.2085	0.2178	0.2490	LinF		0.2362							0.9992		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66327

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 02:00 Calibration End Date: 03/03/2011 04:37 Calibration ID: 10017

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isopropylbenzene	0.9946 1.3817	1.3312	1.2557	1.3696	1.5023	Ave		1.3059				13.2		15.0			
Camphene, Total	0.2735 0.3383	0.3088	0.3191	0.3469	0.3687	Ave		0.3259				10.2		15.0			
Monobromobenzene	0.6745 0.6791	0.6471	0.6206	0.6677	0.7359	Ave		0.6708				5.7		15.0			
N-Propylbenzene	2.4036 3.1409	2.8835	2.8344	3.0594	3.3863	Ave		2.9513				11.3		15.0			
1,1,2,2-Tetrachloroethane	0.5384 0.6451	0.6250	0.5647	0.6110	0.6769	Ave		0.6102			0.3000	8.4		15.0			
2-Chlorotoluene	1.7758 1.9424	1.7633	1.6770	1.8250	2.0570	Ave		1.8401				7.5		15.0			
1,2,3-Trichloropropane	0.1762 0.1645	0.1760	0.1589	0.1689	0.1797	Ave		0.1707				4.7		15.0			
1,3,5-Trimethylbenzene	1.6991 2.2362	1.9389	1.9477	2.1240	2.3737	Ave		2.0533				11.7		15.0			
trans-1,4-Dichloro-2-butene	0.2239 0.2107	0.1933	0.1858	0.2056	0.2295	Ave		0.2081				8.1		15.0			
4-Chlorotoluene	1.6819 2.0331	1.8315	1.8319	1.9828	2.1908	Ave		1.9253				9.4		15.0			
tert-Butylbenzene	1.2522 1.7957	1.5937	1.5846	1.7291	1.9516	Ave		1.6512				14.4		15.0			
1,2,4-Trimethylbenzene	1.7110 2.5077	2.0732	2.0571	2.2428	2.5656	Ave		2.1929				14.5		15.0			
Butyl Methacrylate	0.5133 0.8882	0.5691	0.6657	0.7309	0.8735	LinF		0.8849							0.9994		0.9900
sec-Butylbenzene	1.8371 2.5177	2.4067	2.3313	2.5709	2.7986	Ave		2.4104				13.4		15.0			
1,3-Dichlorobenzene	1.0989 1.4691	1.2633	1.1917	1.2714	1.4901	Ave		1.2974				11.9		15.0			
p-Isopropyltoluene	1.5298 2.4825	2.0041	1.9851	2.1921	2.5309	LinF		2.4865							0.9997		0.9900
1,4-Dichlorobenzene	1.3309 1.3336	1.3577	1.2597	1.3096	1.4396	Ave		1.3385				4.4		15.0			
2-Octanol	0.0737 0.1898	0.1174	0.1318	0.1394	0.1862	LinF		0.1889							0.9988		0.9900
2-Octanone	0.5629 0.7976	0.6270	0.7630	0.8147	0.8915	LinF		0.8118							0.9976		0.9900
Benzyl chloride	0.8855 1.2302	1.0880	1.1734	1.2445	1.3469	Ave		1.1614				13.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66327

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 02:00 Calibration End Date: 03/03/2011 04:37 Calibration ID: 10017

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								
n-Butylbenzene	1.6707 1.9068	1.9732	1.9301	2.0511	2.2021	Ave		1.9557				9.0		15.0			
1,2-Dichlorobenzene	1.2470 1.2227	1.1718	1.1459	1.2330	1.3375	Ave		1.2263				5.4		15.0			
1,2-Dibromo-3-Chloropropane	0.0758 0.1140	0.1100	0.1066	0.1121	0.1273	LinF		0.1160							0.9976		0.9900
Hexachlorobutadiene	0.2678 0.3347	0.3334	0.2970	0.3388	0.3755	Ave		0.3245				11.5		15.0			
1,2,4-Trichlorobenzene	0.7453 0.8950	0.8027	0.7409	0.8218	0.9362	Ave		0.8236				9.6		15.0			
Camphor	0.0430 0.0568	0.0426	0.0476	0.0525	0.0621	LinF		0.0576							0.9983		0.9900
Naphthalene	1.5379 1.8422	1.6479	1.6924	1.8508	2.0120	Ave		1.7639				9.7		15.0			
1,2,3-Trichlorobenzene	0.7174 0.6842	0.6780	0.6329	0.6974	0.7549	Ave		0.6941				5.9		15.0			
1,2-Dichloroethane-d4 (Surr)	0.2592 0.2603	0.2812	0.2608	0.2489	0.2726	Ave		0.2638				4.3		15.0			
Toluene-d8 (Surr)	1.1066 1.0624	1.2306	1.1409	1.1043	1.1517	Ave		1.1328				5.1		15.0			
Bromofluorobenzene	0.7002 0.6645	0.7386	0.7016	0.6852	0.7403	Ave		0.7051				4.2		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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66327

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 02:00 Calibration End Date: 03/03/2011 04:37 Calibration ID: 10017

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66327/2	p44659.d
Level 2	IC 460-66327/3	p44661.d
Level 3	ICIS 460-66327/4	p44662.d
Level 4	IC 460-66327/5	p44663.d
Level 5	IC 460-66327/6	p44664.d
Level 6	IC 460-66327/7	p44665.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	1741 1210138	9996	45063	114872	467871	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	3409 1751308	14263	60621	159906	665108	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	2362 1680027	13180	59881	149274	625677	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	1817 1190215	8136	34472	86710	402243	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	2094 1130679	9489	41608	105140	436495	1.00 500	5.00	20.0	50.0	200
n-Pentane	FB	Ave	527 244011	2049	9133	23850	93438	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	3828 2638819	21055	97085	262419	1088280	1.00 500	5.00	20.0	50.0	200
Isopropene	FB	Ave	2870 1925158	13903	61700	173473	713317	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	2116 1121981	8865	39042	100405	422237	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	1424 1000713	7808	29424	84080	377046	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	6288 4391429	29603	124503	355995	1429668	1.00 500	5.00	20.0	50.0	200
Ethanol	FB	Ave	12196 110992	23696	37467	51055	75039	1000 6000	2000	3000	4000	5000
Freon TF	FB	Ave	1894 1218291	9040	37294	104491	433826	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	LinF	2742 140407	6370	12507	29699	66692	4.00 400	20.0	40.0	100	200
Isopropanol	FB	Ave	151657 1101960	294001	456694	619548	833942	1000 6000	2000	3000	4000	5000
Methylene Chloride	FB	Ave	2546 1318979	11582	44317	120565	495846	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.: 460-24280-1 Analy Batch No.: 66327

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 02:00 Calibration End Date: 03/03/2011 04:37 Calibration ID: 10017

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	LinF	2904 111619	3828	4657	11193	41854	10.0 500	15.0	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	1684 1259094	9538	39083	107892	463239	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	573 307786	2417	10348	24461	110522	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	1500 1040725	8053	35058	95510	391397	1.00 500	5.00	20.0	50.0	200
MTBE	FB	Ave	5978 4014906	28415	128115	348544	1455522	1.00 500	5.00	20.0	50.0	200
TBA	FB	Ave	4340 2769107	19095	86765	233024	992362	20.0 10000	100	400	1000	4000
Acetonitrile	FB	Ave	1095 620025	4641	20935	51353	227847	20.0 10000	100	400	1000	4000
DIPE	FB	Ave	8349 4931320	37315	159176	431378	1812092	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	3966 2494805	19691	79974	220132	921843	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	LinF	3278 190835	8782	16925	43990	89010	2.00 200	10.0	20.0	50.0	100
Tert-butyl ethyl ether	FB	Ave	6801 4592707	31804	143549	390247	1651419	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	Ave	3837 2130762	16398	69004	184628	757069	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	2661 1418647	12006	47068	121177	536048	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	3535 1961571	15780	66441	178581	738737	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	3318 2423543	18266	76740	215322	871140	1.00 500	5.00	20.0	50.0	200
Bromochloromethane	FB	Ave	1099 660245	5172	21903	57577	251955	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	4174 2379717	18026	76449	206261	881211	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	2399 1752985	13393	51953	154037	656280	1.00 500	5.00	20.0	50.0	200
Ethyl acetate	FB	Ave	416 278221	2198	9634	23028	99223	2.00 1000	10.0	40.0	100	400
Tetrahydrofuran	FB	Ave	1050 531330	4494	18562	47359	193695	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	3483 2091854	15983	67062	181708	771854	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.: 460-24280-1 Analy Batch No.: 66327

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 02:00 Calibration End Date: 03/03/2011 04:37 Calibration ID: 10017

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,1-Dichloropropene	FB	Ave	2661 1932679	14822	61811	174237	716165	1.00 500	5.00	20.0	50.0	200
2-Butanone	FB	Ave	10861 608597	15803	21171	54245	227547	10.0 500	15.0	20.0	50.0	200
n-Heptane	FB	Ave	1072 696053	5673	22480	62825	257864	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	8157 5517720	40325	169685	466497	1991622	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	5555 3886044	26310	117920	315933	1386595	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	2949 1809583	15560	57182	159808	676127	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	7023 5152608	34591	161777	433011	1857491	2.00 1000	10.0	40.0	100	400
Methylcyclohexane	FB	Ave	2628 2060166	14707	60134	177679	748127	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	2603 1346174	10029	41936	116591	494056	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	1321 788240	6344	25206	67657	288223	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	Ave	24698 259078	52748	87493	123821	176876	500 3000	1000	1500	2000	2500
1,2-Dichloropropane	FB	Ave	2383 1539322	11278	48905	132233	566803	1.00 500	5.00	20.0	50.0	200
Bromodichloromethane	FB	Ave	2955 1854581	13728	57000	155932	675736	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	2619 1686313	12117	50574	135576	601657	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	448 301576	2279	9313	25013	108631	1.00 500	5.00	20.0	50.0	200
1,4-Dioxane	FB	Ave	1029 9374	2421	3971	5701	7820	50.0 300	100	150	200	250
Propyl acetate	FB	Ave	4917 3791910	24970	118016	320346	1390328	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	Ave	1155 905206	5540	27060	72982	324438	1.00 500	5.00	20.0	50.0	200
cis-1,3-Dichloropropene	CBZ	Ave	3051 2455339	16231	72983	200222	885852	1.00 500	5.00	20.0	50.0	200
Toluene	CBZ	Ave	10627 6078376	48636	190597	517438	2193701	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	3932 2696910	17481	82482	225238	984725	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.: 460-24280-1 Analy Batch No.: 66327

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 02:00 Calibration End Date: 03/03/2011 04:37 Calibration ID: 10017

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
Tetrachloroethene	CBZ	Ave	2109 1444163	10855	43958	122650	531213	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone	CBZ	Ave	16844 1263565	27155	38264	104940	459960	10.0 500	15.0	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	2613 2287360	14748	64361	185515	827140	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	1426 1013461	7870	30683	84424	365902	1.00 500	5.00	20.0	50.0	200
Dibromochloromethane	CBZ	Ave	2040 1418455	9689	40385	113159	517967	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	3221 2206016	16050	69153	186765	800424	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	1818 1163551	8253	34657	96508	426526	1.00 500	5.00	20.0	50.0	200
Butyl acetate	CBZ	Ave	1103 677880	4534	19414	54703	242489	2.00 1000	10.0	40.0	100	400
2-Hexanone	CBZ	Ave	1131 83525	1996	2718	6969	29606	10.0 500	15.0	20.0	50.0	200
Chlorobenzene	CBZ	Ave	6308 3962956	29477	119234	329012	1423969	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	2848 2215639	15492	62943	178893	785039	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	2140 1466973	9787	40178	114307	515324	1.00 500	5.00	20.0	50.0	200
m&p-Xylene	CBZ	Ave	7946 5850903	37080	157563	445326	2020782	2.00 1000	10.0	40.0	100	400
o-Xylene	CBZ	Ave	3182 2685080	18756	75923	214619	962350	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	1214 1025324	6341	27821	76678	361442	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	LinF	4906 4802243	29258	131576	371873	1671840	1.00 500	5.00	20.0	50.0	200
Butyl acrylate	CBZ	LinF	953 1072614	6030	30590	82685	380038	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	7359 6327803	43945	184221	519952	2293251	1.00 500	5.00	20.0	50.0	200
Camphene, Total	CBZ	Ave	2024 1549329	10195	46810	131706	562907	1.00 500	5.00	20.0	50.0	200
Monobromobenzene	DCB	Ave	2829 1823548	12834	53645	149913	660892	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	10081 8434061	57185	244998	686888	3041271	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.: 460-24280-1 Analy Batch No.: 66327

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 02:00 Calibration End Date: 03/03/2011 04:37 Calibration ID: 10017

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
1,1,2,2-Tetrachloroethane	DCB	Ave	2258 1732332	12395	48809	137180	607910	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	7448 5215673	34969	144953	409758	1847445	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	739 441603	3490	13731	37926	161399	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	7126 6004752	38453	168353	476869	2131845	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	939 565767	3833	16062	46168	206153	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	7054 5459249	36322	158339	445181	1967643	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	5252 4821875	31606	136970	388211	1752743	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	7176 6733850	41115	177810	503552	2304223	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	LinF	2153 2385058	11286	57543	164096	784487	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	7705 6760528	47730	201509	577218	2513467	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	4609 3944964	25053	103006	285460	1338267	1.00 500	5.00	20.0	50.0	200
p-Isopropyltoluene	DCB	LinF	6416 6666103	39746	171581	492171	2273008	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	5582 3580902	26926	108882	294024	1292914	1.00 500	5.00	20.0	50.0	200
2-Octanol	DCB	LinF	309 509619	2328	11388	31295	167194	1.00 500	5.00	20.0	50.0	200
2-Octanone	DCB	LinF	2361 2141827	12435	65951	182925	800666	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	3714 3303266	21578	101422	279410	1209637	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	7007 5120095	39133	166827	460518	1977783	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	5230 3283359	23240	99045	276842	1201217	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	LinF	318 306076	2182	9210	25176	114319	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	1123 898772	6611	25673	76059	337256	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	Ave	3126 2403191	15920	64042	184501	840779	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.: 460-24280-1 Analy Batch No.: 66327

SDG No.:

Instrument ID: VOAMS13 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/03/2011 02:00 Calibration End Date: 03/03/2011 04:37 Calibration ID: 10017

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	LinF	902 762718	4225	20584	58936	279049	5.00 2500	25.0	100	250	1000
Naphthalene	DCB	Ave	6450 4946747	32681	146287	415542	1806987	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	Ave	3009 1837297	13446	54702	156573	677995	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	132134 158124	128633	133822	131178	139451	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	409404 486524	406230	418437	419233	439545	50.0 50.0	50.0	50.0	50.0	50.0
Bromofluorobenzene	DCB	Ave	146842 178437	146489	151619	153843	166211	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.: 460-24280-1

SDG No.:

Lab Sample ID: CCVIS 460-68728/2 Calibration Date: 03/28/2011 17:31

Instrument ID: VOAMS12 Calib Start Date: 02/14/2011 18:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/15/2011 03:30

Lab File ID: o46697.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	0.3098	0.2373		15.3	20.0	-23.4	50.0
Chloromethane	Ave	0.3325	0.2643	0.1000	15.9	20.0	-20.5	50.0
Vinyl chloride	Ave	0.3179	0.2708		17.0	20.0	-14.8	20.0
Bromomethane	Ave	0.1780	0.2086		23.4	20.0	17.2	50.0
Chloroethane	Ave	0.2196	0.2338		21.3	20.0	6.4	50.0
Trichlorofluoromethane	Ave	0.4973	0.4937		19.9	20.0	-0.7	50.0
n-Pentane	Ave	0.0524	0.0438		16.7	20.0	-16.4	50.0
Ethanol	Ave	0.0010	0.0010		2970	3000	-0.9	50.0
Ethyl ether	Ave	0.1796	0.1767		19.7	20.0	-1.6	50.0
Isopropene	Ave	0.3697	0.3263		17.7	20.0	-11.7	50.0
Acrolein	Ave	0.0154	0.0059		116	300	-61.5	99.0
1,1-Dichloroethene	Ave	0.2425	0.2205		18.2	20.0	-9.1	20.0
Freon TF	Ave	0.2686	0.2609		19.4	20.0	-2.9	50.0
Acetone	LinF	0.0513	0.0592		27.6	20.0	38.2	50.0
Iodomethane	Ave	0.3208	0.3055		19.0	20.0	-4.8	50.0
Carbon disulfide	Ave	0.7549	0.6416		17.0	20.0	-15.0	50.0
Isopropanol	Ave	0.0113	0.0123		3250	3000	8.4	50.0
Acetonitrile	Ave	0.0174	0.0190		438	400	9.6	50.0
Methyl acetate	Ave	0.0515	0.0597		23.2	20.0	16.0	50.0
Methylene Chloride	Ave	0.2827	0.2782		19.7	20.0	-1.6	50.0
TBA	Ave	0.0188	0.0203		433	400	8.1	50.0
Acrylonitrile	Ave	0.0638	0.0622		146	150	-2.6	50.0
trans-1,2-Dichloroethene	Ave	0.2930	0.2873		19.6	20.0	-1.9	50.0
MTBE	Ave	0.6457	0.6787		21.0	20.0	5.1	50.0
Hexane	LinF	0.2018	0.1851		16.1	20.0	-19.7	50.0
1,1-Dichloroethane	Ave	0.4603	0.4509	0.1000	19.6	20.0	-2.1	50.0
DIPE	Ave	0.6880	0.7547		21.9	20.0	9.7	50.0
Vinyl acetate	Ave	0.5097	0.4229		16.6	20.0	-17.0	50.0
Tert-butyl ethyl ether	Ave	0.7231	0.7316	0.0100	20.2	20.0	1.2	50.0
2,2-Dichloropropane	Ave	0.4520	0.4309		19.1	20.0	-4.7	50.0
cis-1,2-Dichloroethene	Ave	0.3312	0.3315		20.0	20.0	0.1	50.0
2-Butanone	Ave	0.0258	0.0299		23.2	20.0	16.0	50.0
Ethyl acetate	Ave	0.0200	0.0185		36.9	40.0	-7.7	50.0
Bromochloromethane	Ave	0.1489	0.1566		21.0	20.0	5.2	50.0
Chloroform	Ave	0.4984	0.5016		20.1	20.0	0.6	20.0
1,1,1-Trichloroethane	Ave	0.4627	0.4601		19.9	20.0	-0.6	50.0
Cyclohexane	LinF	0.4237	0.3936		16.1	20.0	-19.3	50.0
Carbon tetrachloride	Ave	0.3825	0.3784		19.8	20.0	-1.1	50.0
1,1-Dichloropropene	Ave	0.4115	0.3855		18.7	20.0	-6.3	50.0
Benzene	Ave	1.164	1.158		19.9	20.0	-0.6	50.0
1,2-Dichloroethane	Ave	0.3183	0.3153		19.8	20.0	-1.0	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVIS 460-68728/2 Calibration Date: 03/28/2011 17:31

Instrument ID: VOAMS12 Calib Start Date: 02/14/2011 18:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/15/2011 03:30

Lab File ID: o46697.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
Isopropyl acetate	Ave	0.3885	0.4032		41.5	40.0	3.8	50.0
Tert-amyl methyl ether	Ave	0.6472	0.6797		21.0	20.0	5.0	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.1320	0.1277		19.3	20.0	-3.3	50.0
n-Butanol	QuaF	0.0025	0.0027		1640	1500	9.5	50.0
Trichloroethene	Ave	0.3161	0.3083		19.5	20.0	-2.5	50.0
Ethyl acrylate	LinF	0.2145	0.2504		19.9	20.0	-0.7	50.0
Methylcyclohexane	LinF	0.5180	0.5197		17.0	20.0	-15.1	50.0
1,2-Dichloropropane	Ave	0.2568	0.2530		19.7	20.0	-1.5	20.0
Dibromomethane	Ave	0.1435	0.1494		20.8	20.0	4.1	50.0
1,4-Dioxane	Ave	0.0028	0.0029		159	150	5.9	50.0
Methyl methacrylate	Ave	0.1293	0.1320		20.4	20.0	2.0	50.0
Propyl acetate	Ave	0.2102	0.2267		43.1	40.0	7.9	50.0
Bromodichloromethane	Ave	0.3362	0.3460		20.6	20.0	2.9	50.0
2-Chloroethyl vinyl ether	QuaF	0.0367	0.0529		27.5	20.0	37.6	50.0
Epichlorohydrin	Ave	0.0161	0.0168		418	400	4.5	50.0
cis-1,3-Dichloropropene	Ave	0.4049	0.4101		20.3	20.0	1.3	50.0
4-Methyl-2-pentanone	Ave	0.1369	0.1455		21.3	20.0	6.3	50.0
Toluene	Ave	1.954	1.892		19.4	20.0	-3.1	20.0
trans-1,3-Dichloropropene	Ave	0.4976	0.4941		19.9	20.0	-0.7	50.0
1,1,2-Trichloroethane	Ave	0.2398	0.2421		20.2	20.0	0.9	50.0
Tetrachloroethene	Ave	0.5335	0.5527		20.7	20.0	3.6	50.0
1,3-Dichloropropane	Ave	0.5147	0.5164		20.1	20.0	0.3	50.0
2-Hexanone	Ave	0.1331	0.1333		20.0	20.0	0.2	50.0
Dibromochloromethane	Ave	0.3429	0.3610		21.1	20.0	5.3	50.0
Butyl acetate	Ave	0.3207	0.3487		43.5	40.0	8.7	50.0
1,2-Dibromoethane	Ave	0.2985	0.3135		21.0	20.0	5.0	50.0
Chlorobenzene	Ave	1.230	1.259	0.3000	20.5	20.0	2.4	50.0
1,1,1,2-Tetrachloroethane	Ave	0.3972	0.4195		21.1	20.0	5.6	50.0
Ethylbenzene	Ave	0.6626	0.6774		20.4	20.0	2.2	20.0
m&p-Xylene	Ave	0.8316	0.8442		40.6	40.0	1.5	50.0
o-Xylene	Ave	0.8039	0.8291		20.6	20.0	3.1	50.0
Styrene	Ave	1.299	1.334		20.5	20.0	2.6	50.0
Butyl acrylate	LinF	0.8910	0.8773		15.7	20.0	-21.3	50.0
Bromoform	LinF	0.1996	0.2198	0.1000	18.0	20.0	-10.0	50.0
Isopropylbenzene	Ave	1.959	1.986		20.3	20.0	1.4	50.0
Camphene, Total	LinF	0.2894	0.2523		15.0	20.0	-24.8	50.0
Monobromobenzene	Ave	1.000	1.002		20.0	20.0	0.2	50.0
1,1,2,2-Tetrachloroethane	LinF	0.6082	0.6593	0.3000	18.9	20.0	-5.6	50.0
1,2,3-Trichloropropane	Ave	0.2100	0.2115		20.1	20.0	0.7	50.0
trans-1,4-Dichloro-2-butene	Ave	0.0641	0.0621		19.4	20.0	-3.1	50.0
N-Propylbenzene	Ave	4.663	4.481		19.2	20.0	-3.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVIS 460-68728/2 Calibration Date: 03/28/2011 17:31

Instrument ID: VOAMS12 Calib Start Date: 02/14/2011 18:17

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 02/15/2011 03:30

Lab File ID: o46697.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
2-Chlorotoluene	Ave	2.761	2.592		18.8	20.0	-6.1	50.0
4-Chlorotoluene	Ave	2.920	2.675		18.3	20.0	-8.4	50.0
1,3,5-Trimethylbenzene	Ave	3.424	3.273		19.1	20.0	-4.4	50.0
Butyl Methacrylate	LinF	0.9027	0.8349		14.7	20.0	-26.6	50.0
tert-Butylbenzene	Ave	3.093	3.032		19.6	20.0	-2.0	50.0
1,2,4-Trimethylbenzene	Ave	3.491	3.355		19.2	20.0	-3.9	50.0
sec-Butylbenzene	Ave	4.521	4.423		19.6	20.0	-2.2	50.0
1,3-Dichlorobenzene	Ave	2.039	2.032		19.9	20.0	-0.4	50.0
1,4-Dichlorobenzene	Ave	1.985	2.007		20.2	20.0	1.1	50.0
p-Isopropyltoluene	Ave	3.899	3.854		19.8	20.0	-1.1	50.0
Benzyl chloride	LinF	1.223	1.165		14.8	20.0	-26.1	50.0
1,2-Dichlorobenzene	Ave	1.826	1.872		20.5	20.0	2.5	50.0
n-Butylbenzene	Ave	3.468	3.389		19.5	20.0	-2.3	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1200	0.1050		17.5	20.0	-12.6	50.0
Camphor	Ave	0.0653	0.0646		98.8	100	-1.2	50.0
1,2,4-Trichlorobenzene	Ave	1.490	1.573		21.1	20.0	5.6	50.0
Hexachlorobutadiene	Ave	0.8184	0.8728		21.3	20.0	6.7	50.0
Naphthalene	Ave	2.649	2.965		22.4	20.0	11.9	50.0
1,2,3-Trichlorobenzene	Ave	1.338	1.402		21.0	20.0	4.8	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.1838	0.1685		45.8	50.0	-8.3	50.0
Toluene-d8 (Surr)	Ave	1.152	1.066		46.3	50.0	-7.4	50.0
Bromofluorobenzene	Ave	0.7444	0.7187		48.3	50.0	-3.5	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVIS 460-69040/2 Calibration Date: 03/31/2011 05:16

Instrument ID: VOAMS12 Calib Start Date: 03/30/2011 18:37

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/30/2011 21:06

Lab File ID: o46791.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	0.3716	0.3205		17.3	20.0	-13.7	50.0
Chloromethane	Ave	0.3606	0.2956	0.1000	16.4	20.0	-18.0	50.0
Vinyl chloride	Ave	0.3779	0.3104		16.4	20.0	-17.9	20.0
Bromomethane	LinF	0.1511	0.1166		17.4	20.0	-13.0	50.0
Chloroethane	Ave	0.1769	0.1247		14.1	20.0	-29.5	50.0
Trichlorofluoromethane	Ave	0.4839	0.3865		16.0	20.0	-20.1	50.0
n-Pentane	Ave	0.0547	0.0416		15.2	20.0	-24.0	50.0
Ethanol	Ave	0.0012	0.0009		2280	3000	-23.9	50.0
Ethyl ether	Ave	0.1895	0.1547		16.3	20.0	-18.4	50.0
Isopropene	Ave	0.4407	0.3705		16.8	20.0	-15.9	50.0
Acrolein	Ave	0.0285	0.0247		261	300	-13.1	99.0
1,1-Dichloroethene	Ave	0.2359	0.2326		19.7	20.0	-1.4	20.0
Freon TF	Ave	0.3056	0.2660		17.4	20.0	-12.9	50.0
Acetone	LinF	0.0625	0.0505		21.3	20.0	6.4	50.0
Iodomethane	Ave	0.3449	0.2646		15.3	20.0	-23.3	50.0
Carbon disulfide	Ave	0.9799	0.8125		16.6	20.0	-17.1	50.0
Isopropanol	Ave	0.0136	0.0111		2450	3000	-18.4	50.0
Acetonitrile	Ave	0.0254	0.0193		304	400	-24.0	50.0
Methyl acetate	LinF	0.0602	0.0461		18.0	20.0	-9.9	50.0
Methylene Chloride	LinF	0.2926	0.2573		20.6	20.0	3.0	50.0
TBA	Ave	0.0264	0.0188		285	400	-28.7	50.0
Acrylonitrile	Ave	0.0744	0.0614		124	150	-17.5	50.0
trans-1,2-Dichloroethene	Ave	0.2991	0.2887		19.3	20.0	-3.5	50.0
MTBE	Ave	0.7168	0.6198		17.3	20.0	-13.5	50.0
Hexane	Ave	0.2827	0.2313		16.4	20.0	-18.2	50.0
1,1-Dichloroethane	Ave	0.4857	0.4676	0.1000	19.3	20.0	-3.7	50.0
Vinyl acetate	LinF	0.6626	0.5349		18.4	20.0	-8.1	50.0
DIPE	Ave	0.8465	0.7264		17.2	20.0	-14.2	50.0
Tert-butyl ethyl ether	Ave	0.8889	0.7687	0.0100	17.3	20.0	-13.5	50.0
2,2-Dichloropropane	Ave	0.5103	0.4952		19.4	20.0	-2.9	50.0
cis-1,2-Dichloroethene	Ave	0.3432	0.3363		19.6	20.0	-2.0	50.0
2-Butanone	Ave	0.0306	0.0281		18.4	20.0	-8.2	50.0
Ethyl acetate	LinF	0.0292	0.0207		32.0	40.0	-19.9	50.0
Bromochloromethane	Ave	0.1468	0.1479		20.1	20.0	0.7	50.0
Chloroform	Ave	0.5199	0.4988		19.2	20.0	-4.1	20.0
1,1,1-Trichloroethane	Ave	0.5222	0.5010		19.2	20.0	-4.1	50.0
Cyclohexane	Ave	0.6223	0.5096		16.4	20.0	-18.1	50.0
Carbon tetrachloride	Ave	0.4498	0.4306		19.1	20.0	-4.3	50.0
1,1-Dichloropropene	Ave	0.4591	0.4411		19.2	20.0	-3.9	50.0
Benzene	Ave	1.275	1.232		19.3	20.0	-3.4	50.0
1,2-Dichloroethane	Ave	0.3166	0.3089		19.5	20.0	-2.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVIS 460-69040/2 Calibration Date: 03/31/2011 05:16

Instrument ID: VOAMS12 Calib Start Date: 03/30/2011 18:37

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/30/2011 21:06

Lab File ID: o46791.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
Isopropyl acetate	Ave	0.5160	0.4051		31.4	40.0	-21.5	50.0
Tert-amyl methyl ether	Ave	0.8082	0.6906		17.1	20.0	-14.6	50.0
2,4,4-Trimethyl-1-pentene	Ave	0.1633	0.1587		19.4	20.0	-2.8	50.0
Trichloroethene	Ave	0.3435	0.3247		18.9	20.0	-5.5	50.0
Ethyl acrylate	Ave	0.2881	0.2184		15.2	20.0	-24.2	50.0
Methylcyclohexane	Ave	0.7173	0.6027		16.8	20.0	-16.0	50.0
1,2-Dichloropropane	Ave	0.2845	0.2724		19.1	20.0	-4.3	20.0
Dibromomethane	Ave	0.1527	0.1374		18.0	20.0	-10.0	50.0
1,4-Dioxane	Ave	0.0036	0.0030		125	150	-16.6	50.0
Methyl methacrylate	Ave	0.1759	0.1300		14.8	20.0	-26.1	50.0
Propyl acetate	Ave	0.3032	0.2227		29.4	40.0	-26.5	50.0
Bromodichloromethane	Ave	0.3719	0.3469		18.7	20.0	-6.7	50.0
2-Chloroethyl vinyl ether	Ave	0.0694	0.0673		19.4	20.0	-2.9	50.0
Epichlorohydrin	Ave	0.0244	0.0183		301	400	-24.7	50.0
cis-1,3-Dichloropropene	Ave	0.4637	0.4378		18.9	20.0	-5.6	50.0
4-Methyl-2-pentanone	Ave	0.1936	0.1453		15.0	20.0	-25.0	50.0
Toluene	Ave	2.120	1.993		18.8	20.0	-6.0	20.0
trans-1,3-Dichloropropene	LinF	0.5412	0.5474		20.0	20.0	-0.1	50.0
1,1,2-Trichloroethane	Ave	0.2643	0.2395		18.1	20.0	-9.4	50.0
Tetrachloroethene	Ave	0.5665	0.5540		19.6	20.0	-2.2	50.0
1,3-Dichloropropane	Ave	0.5625	0.5328		18.9	20.0	-5.3	50.0
2-Hexanone	Ave	0.1989	0.1437		14.5	20.0	-27.7	50.0
Dibromochloromethane	Ave	0.3967	0.3666		18.5	20.0	-7.6	50.0
Butyl acetate	Ave	0.4790	0.3621		30.2	40.0	-24.4	50.0
1,2-Dibromoethane	Ave	0.3248	0.2984		18.4	20.0	-8.1	50.0
Chlorobenzene	Ave	1.286	1.253	0.3000	19.5	20.0	-2.6	50.0
1,1,1,2-Tetrachloroethane	Ave	0.4431	0.4258		19.2	20.0	-3.9	50.0
Ethylbenzene	Ave	0.7555	0.7057		18.7	20.0	-6.6	20.0
m&p-Xylene	Ave	0.9291	0.8926		38.4	40.0	-3.9	50.0
o-Xylene	Ave	0.8980	0.8592		19.1	20.0	-4.3	50.0
Styrene	Ave	1.467	1.396		19.0	20.0	-4.8	50.0
Butyl acrylate	LinF	1.329	1.012		18.3	20.0	-8.7	50.0
Bromoform	Ave	0.2473	0.2114	0.1000	17.1	20.0	-14.5	50.0
Isopropylbenzene	Ave	2.242	2.100		18.7	20.0	-6.3	50.0
Camphene, Total	Ave	0.3905	0.2964		15.2	20.0	-24.1	50.0
Monobromobenzene	Ave	1.006	1.002		19.9	20.0	-0.3	50.0
1,1,2,2-Tetrachloroethane	Ave	0.7467	0.6573	0.3000	17.6	20.0	-12.0	50.0
1,2,3-Trichloropropane	Ave	0.2420	0.2120		17.5	20.0	-12.4	50.0
trans-1,4-Dichloro-2-butene	LinF	0.0925	0.0629		15.3	20.0	-23.4	50.0
N-Propylbenzene	Ave	5.456	5.287		19.4	20.0	-3.1	50.0
2-Chlorotoluene	Ave	3.075	2.923		19.0	20.0	-4.9	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVIS 460-69040/2 Calibration Date: 03/31/2011 05:16

Instrument ID: VOAMS12 Calib Start Date: 03/30/2011 18:37

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/30/2011 21:06

Lab File ID: o46791.d Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Chlorotoluene	Ave	3.183	3.065		19.3	20.0	-3.7	50.0
1,3,5-Trimethylbenzene	Ave	3.912	3.762		19.2	20.0	-3.8	50.0
Butyl Methacrylate	Ave	1.253	1.035		16.5	20.0	-17.4	50.0
tert-Butylbenzene	Ave	3.524	3.411		19.4	20.0	-3.2	50.0
1,2,4-Trimethylbenzene	Ave	3.948	3.781		19.2	20.0	-4.2	50.0
sec-Butylbenzene	Ave	5.242	5.069		19.3	20.0	-3.3	50.0
1,3-Dichlorobenzene	Ave	2.058	2.025		19.7	20.0	-1.6	50.0
1,4-Dichlorobenzene	Ave	1.992	1.956		19.6	20.0	-1.8	50.0
p-Isopropyltoluene	Ave	4.476	4.309		19.3	20.0	-3.7	50.0
Benzyl chloride	Ave	1.763	1.518		17.2	20.0	-13.9	50.0
1,2-Dichlorobenzene	Ave	1.885	1.829		19.4	20.0	-3.0	50.0
n-Butylbenzene	Ave	4.111	3.909		19.0	20.0	-4.9	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1618	0.1211		15.0	20.0	-25.1	50.0
Camphor	LinF	0.1093	0.0728		82.4	100	-17.6	50.0
1,2,4-Trichlorobenzene	Ave	1.489	1.475		19.8	20.0	-0.9	50.0
Hexachlorobutadiene	Ave	0.9027	0.9017		20.0	20.0	-0.1	50.0
Naphthalene	LinF	3.268	2.803		20.9	20.0	4.3	50.0
1,2,3-Trichlorobenzene	Ave	1.351	1.288		19.1	20.0	-4.7	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.1681	0.1671		49.7	50.0	-0.6	50.0
Toluene-d8 (Surr)	Ave	1.028	1.097		53.4	50.0	6.7	50.0
Bromofluorobenzene	Ave	0.6670	0.7174		53.8	50.0	7.6	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVIS 460-68934/2 Calibration Date: 03/30/2011 10:13

Instrument ID: VOAMS13 Calib Start Date: 03/03/2011 02:00

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/03/2011 04:37

Lab File ID: p45574.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	0.2091	0.2138		20.4	20.0	2.2	50.0
Chloromethane	Ave	0.3097	0.2616	0.1000	16.9	20.0	-15.5	50.0
Vinyl chloride	Ave	0.2795	0.2565		18.4	20.0	-8.2	20.0
Bromomethane	Ave	0.1802	0.1726		19.2	20.0	-4.2	50.0
Chloroethane	Ave	0.2024	0.2048		20.2	20.0	1.2	50.0
n-Pentane	Ave	0.0453	0.0355		15.6	20.0	-21.8	50.0
Trichlorofluoromethane	Ave	0.4621	0.4528		19.6	20.0	-2.0	50.0
Isopropene	Ave	0.3134	0.2517		16.1	20.0	-19.7	50.0
Ethyl ether	Ave	0.1955	0.1723		17.6	20.0	-11.9	50.0
1,1-Dichloroethene	Ave	0.1604	0.1532		19.1	20.0	-4.5	20.0
Carbon disulfide	Ave	0.6613	0.5826		17.6	20.0	-11.9	50.0
Ethanol	Ave	0.0013	0.0010		2270	3000	-24.3	50.0
Freon TF	Ave	0.1960	0.1609		16.4	20.0	-17.9	50.0
Acrolein	LinF	0.0370	0.0156		21.1	40.0	-47.3	99.0
Isopropanol	Ave	0.0153	0.0117		2290	3000	-23.6	50.0
Methylene Chloride	Ave	0.2345	0.2318		19.8	20.0	-1.1	50.0
Acetone	LinF	0.0232	0.0187		19.9	20.0	-0.4	50.0
trans-1,2-Dichloroethene	Ave	0.2004	0.2127		21.2	20.0	6.1	50.0
Methyl acetate	Ave	0.0518	0.0475		18.4	20.0	-8.2	50.0
Hexane	Ave	0.1730	0.1340		15.5	20.0	-22.5	50.0
MTBE	Ave	0.6442	0.6086		18.9	20.0	-5.5	50.0
TBA	Ave	0.0221	0.0181		328	400	-17.9	50.0
Acetonitrile	Ave	0.0052	0.0040		307	400	-23.2	50.0
DIPE	Ave	0.8210	0.6811		16.6	20.0	-17.0	50.0
1,1-Dichloroethane	Ave	0.4147	0.4066	0.1000	19.6	20.0	-2.0	50.0
Acrylonitrile	LinF	0.0980	0.0793		19.7	20.0	-1.6	50.0
Tert-butyl ethyl ether	Ave	0.7275	0.6439	0.0100	17.7	20.0	-11.5	50.0
Vinyl acetate	Ave	0.3570	0.2542		14.2	20.0	-28.8	50.0
cis-1,2-Dichloroethene	Ave	0.2464	0.2492		20.2	20.0	1.1	50.0
2,2-Dichloropropane	Ave	0.3397	0.3467		20.4	20.0	2.1	50.0
Cyclohexane	Ave	0.3886	0.2976		15.3	20.0	-23.4	50.0
Bromochloromethane	Ave	0.1114	0.1236		22.2	20.0	10.9	50.0
Chloroform	Ave	0.3983	0.4057		20.4	20.0	1.9	20.0
Carbon tetrachloride	Ave	0.2805	0.2615		18.6	20.0	-6.8	50.0
Ethyl acetate	Ave	0.0228	0.0205		35.9	40.0	-10.2	50.0
Tetrahydrofuran	Ave	0.0939	0.0679		14.4	20.0	-27.8	50.0
1,1,1-Trichloroethane	Ave	0.3473	0.3356		19.3	20.0	-3.4	50.0
1,1-Dichloropropene	Ave	0.3141	0.2722		17.3	20.0	-13.3	50.0
2-Butanone	Ave	0.1065	0.0844		15.8	20.0	-20.8	50.0
n-Heptane	Ave	0.1164	0.0918		15.8	20.0	-21.1	50.0
Benzene	Ave	1.203	1.126		18.7	20.0	-6.4	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVIS 460-68934/2 Calibration Date: 03/30/2011 10:13

Instrument ID: VOAMS13 Calib Start Date: 03/03/2011 02:00

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/03/2011 04:37

Lab File ID: p45574.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	0.6019	0.5350		17.8	20.0	-11.1	50.0
1,2-Dichloroethane	Ave	0.3066	0.2816		18.4	20.0	-8.2	50.0
Isopropyl acetate	Ave	0.4009	0.3106		31.0	40.0	-22.5	50.0
Methylcyclohexane	Ave	0.3190	0.2670		16.7	20.0	-16.3	50.0
Trichloroethene	Ave	0.2272	0.2031		17.9	20.0	-10.6	50.0
Dibromomethane	Ave	0.1317	0.1191		18.1	20.0	-9.5	50.0
n-Butanol	Ave	0.0060	0.0044		1080	1500	-28.0	50.0
1,2-Dichloropropane	Ave	0.2500	0.2225		17.8	20.0	-11.0	20.0
Bromodichloromethane	Ave	0.2998	0.2943		19.6	20.0	-1.9	50.0
Ethyl acrylate	Ave	0.2662	0.2050		15.4	20.0	-23.0	50.0
Methyl methacrylate	Ave	0.0482	0.0470		19.5	20.0	-2.6	50.0
1,4-Dioxane	Ave	0.0026	0.0021		120	150	-20.3	50.0
Propyl acetate	Ave	0.2929	0.2250		30.7	40.0	-23.2	50.0
2-Chloroethyl vinyl ether	Ave	0.1354	0.1091		16.1	20.0	-19.4	50.0
cis-1,3-Dichloropropene	Ave	0.5076	0.4665		18.4	20.0	-8.1	50.0
Toluene	Ave	1.389	1.253		18.0	20.0	-9.8	20.0
Epichlorohydrin	Ave	0.0288	0.0220		306	400	-23.4	50.0
Tetrachloroethene	Ave	0.3167	0.2795		17.7	20.0	-11.7	50.0
4-Methyl-2-pentanone	Ave	0.2694	0.1897		14.1	20.0	-29.6	50.0
trans-1,3-Dichloropropene	Ave	0.4614	0.4209		18.2	20.0	-8.8	50.0
1,1,2-Trichloroethane	Ave	0.2206	0.2050		18.6	20.0	-7.1	50.0
Dibromochloromethane	Ave	0.2986	0.2779		18.6	20.0	-6.9	50.0
1,3-Dichloropropane	Ave	0.4818	0.4288		17.8	20.0	-11.0	50.0
1,2-Dibromoethane	Ave	0.2533	0.2288		18.1	20.0	-9.7	50.0
Butyl acetate	Ave	0.0725	0.0595		32.8	40.0	-17.9	50.0
2-Hexanone	Ave	0.0183	0.0153		16.7	20.0	-16.7	50.0
Chlorobenzene	Ave	0.8705	0.8598	0.3000	19.8	20.0	-1.2	50.0
Ethylbenzene	Ave	0.4588	0.4192		18.3	20.0	-8.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3031	0.2779		18.3	20.0	-8.3	50.0
m&p-Xylene	Ave	0.5871	0.5431		37.0	40.0	-7.5	50.0
o-Xylene	Ave	0.5496	0.5407		19.7	20.0	-1.6	50.0
Bromoform	Ave	0.2014	0.1967	0.1000	19.5	20.0	-2.3	50.0
Styrene	LinF	0.9283	0.9025		17.1	20.0	-14.4	50.0
Butyl acrylate	LinF	0.2035	0.1788		15.1	20.0	-24.3	50.0
Isopropylbenzene	Ave	1.306	1.169		17.9	20.0	-10.5	50.0
Camphene, Total	Ave	0.3259	0.2669		16.4	20.0	-18.1	50.0
Monobromobenzene	Ave	0.6708	0.6555		19.5	20.0	-2.3	50.0
N-Propylbenzene	Ave	2.951	2.470		16.7	20.0	-16.3	50.0
1,1,2,2-Tetrachloroethane	Ave	0.6102	0.5235	0.3000	17.2	20.0	-14.2	50.0
2-Chlorotoluene	Ave	1.840	1.602		17.4	20.0	-12.9	50.0
1,2,3-Trichloropropane	Ave	0.1707	0.1480		17.3	20.0	-13.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVIS 460-68934/2 Calibration Date: 03/30/2011 10:13

Instrument ID: VOAMS13 Calib Start Date: 03/03/2011 02:00

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/03/2011 04:37

Lab File ID: p45574.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
1,3,5-Trimethylbenzene	Ave	2.053	1.748		17.0	20.0	-14.9	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2081	0.1595		15.3	20.0	-23.4	50.0
4-Chlorotoluene	Ave	1.925	1.728		18.0	20.0	-10.2	50.0
tert-Butylbenzene	Ave	1.651	1.434		17.4	20.0	-13.2	50.0
1,2,4-Trimethylbenzene	Ave	2.193	1.904		17.4	20.0	-13.2	50.0
Butyl Methacrylate	LinF	0.7068	0.5916		13.4	20.0	-33.1	50.0
sec-Butylbenzene	Ave	2.410	2.051		17.0	20.0	-14.9	50.0
1,3-Dichlorobenzene	Ave	1.297	1.236		19.1	20.0	-4.7	50.0
p-Isopropyltoluene	LinF	2.121	1.788		14.4	20.0	-28.1	50.0
1,4-Dichlorobenzene	Ave	1.339	1.273		19.0	20.0	-4.9	50.0
2-Octanol	LinF	0.1397	0.0953		10.1	20.0	-49.6	50.0
2-Octanone	LinF	0.7428	0.4857		12.0	20.0	-40.2	50.0
Benzyl chloride	Ave	1.161	1.139		19.6	20.0	-2.0	50.0
n-Butylbenzene	Ave	1.956	1.660		17.0	20.0	-15.1	50.0
1,2-Dichlorobenzene	Ave	1.226	1.193		19.5	20.0	-2.7	50.0
1,2-Dibromo-3-Chloropropane	LinF	0.1076	0.0842		14.5	20.0	-27.3	50.0
1,2,4-Trichlorobenzene	Ave	0.8236	0.7879		19.1	20.0	-4.3	50.0
Hexachlorobutadiene	Ave	0.3245	0.3078		19.0	20.0	-5.2	50.0
Camphor	LinF	0.0508	0.0400		69.6	100	-30.4	50.0
Naphthalene	Ave	1.764	1.763		20.0	20.0	-0.0	50.0
1,2,3-Trichlorobenzene	Ave	0.6941	0.7173		20.7	20.0	3.3	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2638	0.1932		36.6	50.0	-26.8	50.0
Toluene-d8 (Surr)	Ave	1.133	0.9331		41.2	50.0	-17.6	50.0
Bromofluorobenzene	Ave	0.7051	0.7695		54.6	50.0	9.1	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVIS 460-69082/2 Calibration Date: 03/31/2011 11:47

Instrument ID: VOAMS13 Calib Start Date: 03/03/2011 02:00

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/03/2011 04:37

Lab File ID: p45626.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	0.2091	0.2053		19.6	20.0	-1.8	50.0
Chloromethane	Ave	0.3097	0.2503	0.1000	16.2	20.0	-19.2	50.0
Vinyl chloride	Ave	0.2795	0.2581		18.5	20.0	-7.7	20.0
Bromomethane	Ave	0.1802	0.1760		19.5	20.0	-2.3	50.0
Chloroethane	Ave	0.2024	0.1950		19.3	20.0	-3.7	50.0
n-Pentane	Ave	0.0453	0.0311		13.7	20.0	-31.3	50.0
Trichlorofluoromethane	Ave	0.4621	0.3871		16.8	20.0	-16.2	50.0
Isopropene	Ave	0.3134	0.2467		15.7	20.0	-21.3	50.0
Ethyl ether	Ave	0.1955	0.1619		16.6	20.0	-17.2	50.0
1,1-Dichloroethene	Ave	0.1604	0.1484		18.5	20.0	-7.5	20.0
Carbon disulfide	Ave	0.6613	0.5433		16.4	20.0	-17.8	50.0
Ethanol	Ave	0.0013	0.0009		2090	3000	-30.4	50.0
Freon TF	Ave	0.1960	0.1565		16.0	20.0	-20.1	50.0
Acrolein	LinF	0.0370	0.0104		14.0	40.0	-65.1	99.0
Isopropanol	Ave	0.0153	0.0107		2090	3000	-30.5	50.0
Methylene Chloride	Ave	0.2345	0.2494		21.3	20.0	6.4	50.0
Acetone	LinF	0.0232	0.0207		22.1	20.0	10.4	50.0
trans-1,2-Dichloroethene	Ave	0.2004	0.2224		22.2	20.0	11.0	50.0
Methyl acetate	Ave	0.0518	0.0422		16.3	20.0	-18.5	50.0
Hexane	Ave	0.1730	0.1267		14.6	20.0	-26.8	50.0
MTBE	Ave	0.6442	0.5782		18.0	20.0	-10.2	50.0
TBA	Ave	0.0221	0.0172		312	400	-22.0	50.0
Acetonitrile	Ave	0.0052	0.0038		297	400	-25.9	50.0
DIPE	Ave	0.8210	0.6760		16.5	20.0	-17.7	50.0
1,1-Dichloroethane	Ave	0.4147	0.4281	0.1000	20.6	20.0	3.2	50.0
Acrylonitrile	LinF	0.0980	0.0782		19.4	20.0	-2.9	50.0
Tert-butyl ethyl ether	Ave	0.7275	0.6386	0.0100	17.6	20.0	-12.2	50.0
Vinyl acetate	Ave	0.3570	0.2010		11.3	20.0	-43.7	50.0
cis-1,2-Dichloroethene	Ave	0.2464	0.2610		21.2	20.0	6.0	50.0
2,2-Dichloropropane	Ave	0.3397	0.3009		17.7	20.0	-11.4	50.0
Cyclohexane	Ave	0.3886	0.3103		16.0	20.0	-20.1	50.0
Bromochloromethane	Ave	0.1114	0.1301		23.4	20.0	16.8	50.0
Chloroform	Ave	0.3983	0.4207		21.1	20.0	5.6	20.0
Carbon tetrachloride	Ave	0.2805	0.2756		19.7	20.0	-1.7	50.0
Ethyl acetate	Ave	0.0228	0.0172		30.2	40.0	-24.6	50.0
Tetrahydrofuran	Ave	0.0939	0.0663		14.1	20.0	-29.5	50.0
1,1,1-Trichloroethane	Ave	0.3473	0.3495		20.1	20.0	0.6	50.0
1,1-Dichloropropene	Ave	0.3141	0.3069		19.5	20.0	-2.3	50.0
2-Butanone	Ave	0.1065	0.0807		15.2	20.0	-24.2	50.0
n-Heptane	Ave	0.1164	0.0872		15.0	20.0	-25.1	50.0
Benzene	Ave	1.203	1.194		19.8	20.0	-0.8	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVIS 460-69082/2 Calibration Date: 03/31/2011 11:47

Instrument ID: VOAMS13 Calib Start Date: 03/03/2011 02:00

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/03/2011 04:37

Lab File ID: p45626.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	0.6019	0.5052		16.8	20.0	-16.1	50.0
1,2-Dichloroethane	Ave	0.3066	0.2859		18.6	20.0	-6.8	50.0
Isopropyl acetate	Ave	0.4009	0.2858		28.5	40.0	-28.7	50.0
Methylcyclohexane	Ave	0.3190	0.2547		16.0	20.0	-20.2	50.0
Trichloroethene	Ave	0.2272	0.2338		20.6	20.0	2.9	50.0
Dibromomethane	Ave	0.1317	0.1283		19.5	20.0	-2.6	50.0
n-Butanol	Ave	0.0060	0.0042		1030	1500	-31.2	50.0
1,2-Dichloropropane	Ave	0.2500	0.2475		19.8	20.0	-1.0	20.0
Bromodichloromethane	Ave	0.2998	0.3015		20.1	20.0	0.5	50.0
Ethyl acrylate	Ave	0.2662	0.1869		14.0	20.0	-29.8	50.0
Methyl methacrylate	Ave	0.0482	0.0413		17.1	20.0	-14.4	50.0
1,4-Dioxane	Ave	0.0026	0.0021		120	150	-19.9	50.0
Propyl acetate	Ave	0.2929	0.2059		28.1	40.0	-29.7	50.0
2-Chloroethyl vinyl ether	Ave	0.1354	0.1094		16.2	20.0	-19.2	50.0
cis-1,3-Dichloropropene	Ave	0.5076	0.4773		18.8	20.0	-6.0	50.0
Toluene	Ave	1.389	1.329		19.1	20.0	-4.4	20.0
Epichlorohydrin	Ave	0.0288	0.0210		292	400	-27.0	50.0
Tetrachloroethene	Ave	0.3167	0.2944		18.6	20.0	-7.0	50.0
4-Methyl-2-pentanone	Ave	0.2694	0.1744		12.9	20.0	-35.3	50.0
trans-1,3-Dichloropropene	Ave	0.4614	0.4246		18.4	20.0	-8.0	50.0
1,1,2-Trichloroethane	Ave	0.2206	0.2058		18.7	20.0	-6.7	50.0
Dibromochloromethane	Ave	0.2986	0.2993		20.0	20.0	0.2	50.0
1,3-Dichloropropane	Ave	0.4818	0.4469		18.5	20.0	-7.3	50.0
1,2-Dibromoethane	Ave	0.2533	0.2526		19.9	20.0	-0.3	50.0
Butyl acetate	Ave	0.0725	0.0538		29.7	40.0	-25.8	50.0
2-Hexanone	Ave	0.0183	0.0159		17.3	20.0	-13.3	50.0
Chlorobenzene	Ave	0.8705	0.8847	0.3000	20.3	20.0	1.6	50.0
Ethylbenzene	Ave	0.4588	0.4360		19.0	20.0	-5.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3031	0.2942		19.4	20.0	-2.9	50.0
m&p-Xylene	Ave	0.5871	0.5778		39.4	40.0	-1.6	50.0
o-Xylene	Ave	0.5496	0.5704		20.8	20.0	3.8	50.0
Bromoform	Ave	0.2014	0.1872	0.1000	18.6	20.0	-7.1	50.0
Styrene	LinF	0.9283	0.9708		18.4	20.0	-7.9	50.0
Butyl acrylate	LinF	0.2035	0.1697		14.4	20.0	-28.1	50.0
Isopropylbenzene	Ave	1.306	1.251		19.2	20.0	-4.2	50.0
Camphene, Total	Ave	0.3259	0.2754		16.9	20.0	-15.5	50.0
Monobromobenzene	Ave	0.6708	0.6791		20.2	20.0	1.2	50.0
N-Propylbenzene	Ave	2.951	2.664		18.1	20.0	-9.7	50.0
1,1,2,2-Tetrachloroethane	Ave	0.6102	0.5013	0.3000	16.4	20.0	-17.8	50.0
2-Chlorotoluene	Ave	1.840	1.705		18.5	20.0	-7.4	50.0
1,2,3-Trichloropropane	Ave	0.1707	0.1549		18.2	20.0	-9.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVIS 460-69082/2 Calibration Date: 03/31/2011 11:47

Instrument ID: VOAMS13 Calib Start Date: 03/03/2011 02:00

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 03/03/2011 04:37

Lab File ID: p45626.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
1,3,5-Trimethylbenzene	Ave	2.053	1.888		18.4	20.0	-8.0	50.0
trans-1,4-Dichloro-2-butene	Ave	0.2081	0.1353		13.0	20.0	-35.0	50.0
4-Chlorotoluene	Ave	1.925	1.809		18.8	20.0	-6.0	50.0
tert-Butylbenzene	Ave	1.651	1.570		19.0	20.0	-4.9	50.0
1,2,4-Trimethylbenzene	Ave	2.193	2.028		18.5	20.0	-7.5	50.0
Butyl Methacrylate	LinF	0.7068	0.5946		13.4	20.0	-32.8	50.0
sec-Butylbenzene	Ave	2.410	2.204		18.3	20.0	-8.6	50.0
1,3-Dichlorobenzene	Ave	1.297	1.306		20.1	20.0	0.7	50.0
p-Isopropyltoluene	LinF	2.121	1.974		15.9	20.0	-20.6	50.0
1,4-Dichlorobenzene	Ave	1.339	1.341		20.0	20.0	0.2	50.0
2-Octanol	LinF	0.1397	0.0897		9.50	20.0	-52.5*	50.0
2-Octanone	LinF	0.7428	0.5042		12.4	20.0	-37.9	50.0
Benzyl chloride	Ave	1.161	0.8636		14.9	20.0	-25.6	50.0
n-Butylbenzene	Ave	1.956	1.750		17.9	20.0	-10.5	50.0
1,2-Dichlorobenzene	Ave	1.226	1.255		20.5	20.0	2.3	50.0
1,2-Dibromo-3-Chloropropane	LinF	0.1076	0.0976		16.8	20.0	-15.9	50.0
1,2,4-Trichlorobenzene	Ave	0.8236	0.8102		19.7	20.0	-1.6	50.0
Hexachlorobutadiene	Ave	0.3245	0.3120		19.2	20.0	-3.9	50.0
Camphor	LinF	0.0508	0.0400		69.5	100	-30.5	50.0
Naphthalene	Ave	1.764	1.773		20.1	20.0	0.5	50.0
1,2,3-Trichlorobenzene	Ave	0.6941	0.7062		20.3	20.0	1.7	50.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2638	0.2333		44.2	50.0	-11.6	50.0
Toluene-d8 (Surr)	Ave	1.133	1.068		47.1	50.0	-5.7	50.0
Bromofluorobenzene	Ave	0.7051	0.6867		48.7	50.0	-2.6	50.0

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/14feb11a.b/o45212.d
Report Date: 14-Feb-2011 23:26

TestAmerica

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/14feb11a.b/o45212.d
Lab Smp Id: BFB
Inj Date : 14-FEB-2011 17:09
Operator : VOAMS 1 Inst ID: VOAMS12.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/14feb11a.b/VOABFB.m
Meth Date : 29-Oct-2010 21:12 sylvanus 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

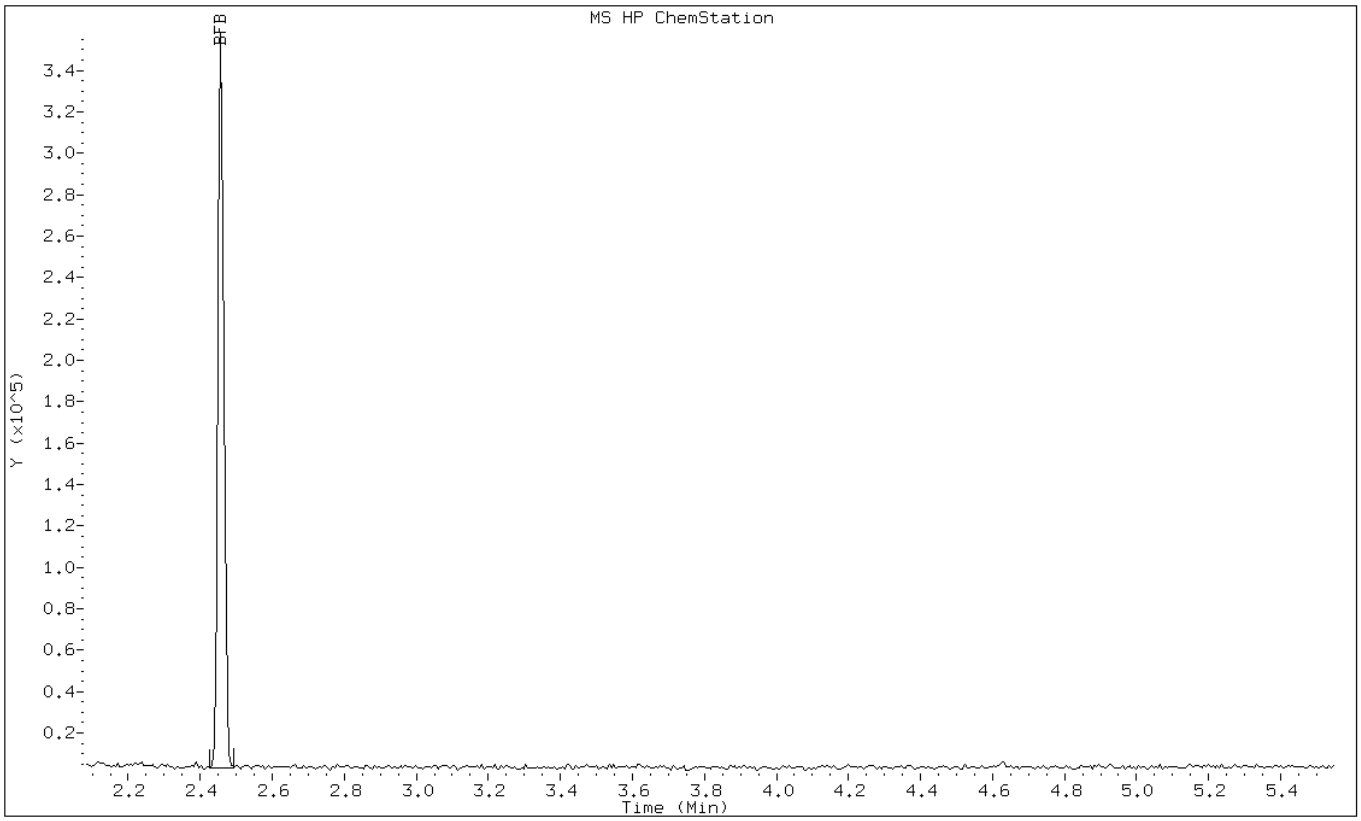
				CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.456	2.700 (0.000)	95	57096			0.00- 100.00	100.00
2.456	2.700 (0.000)	50	9278			15.00- 40.00	16.25
2.456	2.700 (0.000)	75	26384			30.00- 60.00	46.21
2.456	2.700 (0.000)	96	3807			5.00- 9.00	6.67
2.456	2.700 (0.000)	173	395			0.00- 2.00	0.72
2.456	2.700 (0.000)	174	55032			50.00- 100.00	96.39
2.456	2.700 (0.000)	175	4138			5.00- 9.00	7.52
2.456	2.700 (0.000)	176	52880			95.00- 101.00	96.09
2.456	2.700 (0.000)	177	3449			5.00- 9.00	6.52

Data File: o45212.d

Date: 14-FEB-2011 17:09

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1



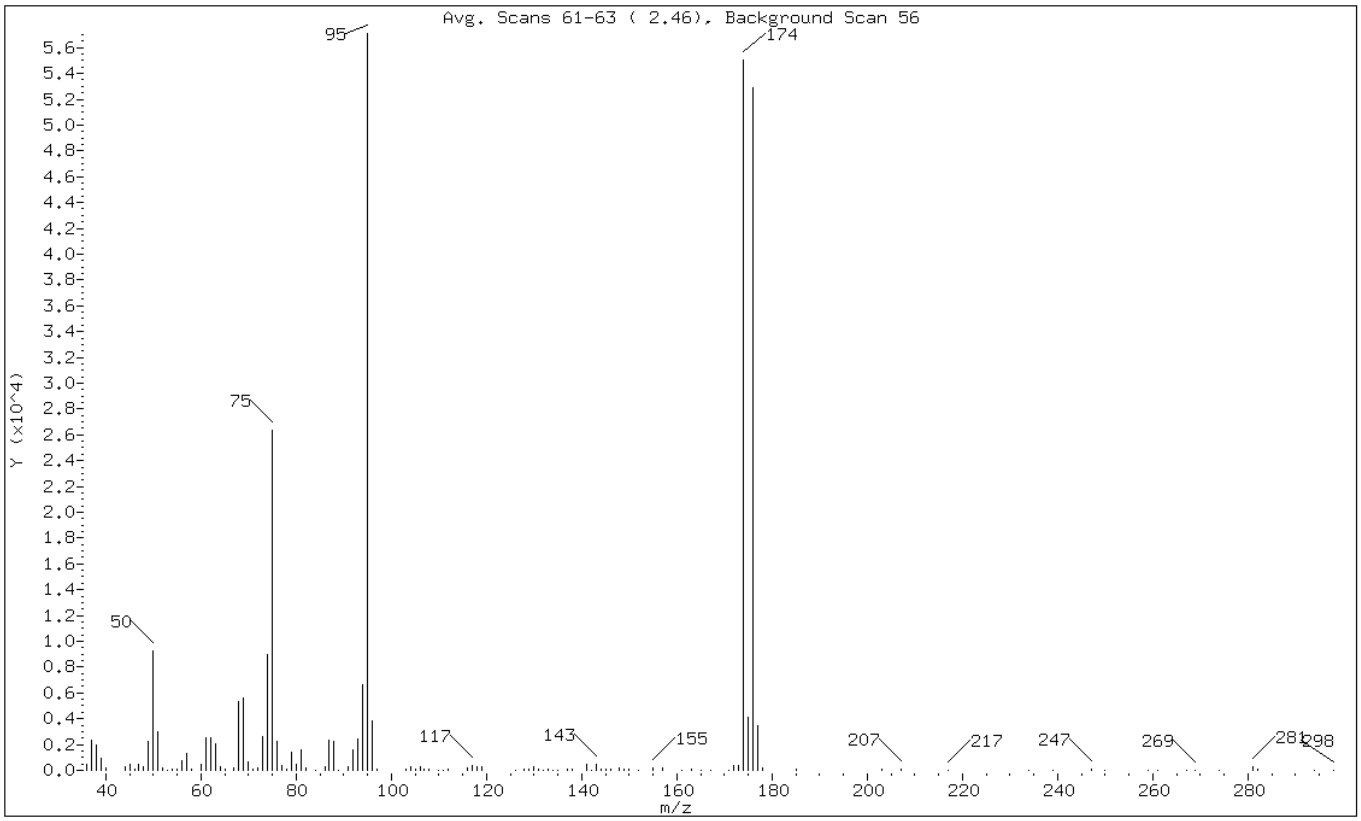
Data File: o45212.d

Date: 14-FEB-2011 17:09

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.25
75	30.00 - 60.00% of mass 95	46.21
96	5.00 - 9.00% of mass 95	6.67
173	Less than 2.00% of mass 174	0.69 (0.72)
174	50.00 - 100.00% of mass 95	96.39
175	5.00 - 9.00% of mass 174	7.25 (7.52)
176	95.00 - 101.00% of mass 174	92.62 (96.09)
177	5.00 - 9.00% of mass 176	6.04 (6.52)

Data File: o45212.d

Date: 14-FEB-2011 17:09

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/14feb11a.b/o45212.d
Spectrum: Avg. Scans 61-63 (2.46), Background Scan 56
Location of Maximum: 95.00
Number of points: 119

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	489	71.00	49	110.00	38	161.00	41
37.00	2324	72.00	159	111.00	40	163.00	79
38.00	1976	73.00	2571	112.00	59	165.00	33
39.00	893	74.00	8960	116.00	200	167.00	35
40.00	215	75.00	26384	117.00	366	171.00	41
44.00	234	76.00	2267	118.00	272	172.00	356
45.00	473	77.00	394	119.00	277	173.00	395
46.00	90	78.00	123	126.00	38	174.00	55032
47.00	446	79.00	1412	128.00	96	175.00	4138
48.00	325	80.00	428	129.00	87	176.00	52880
49.00	2258	81.00	1543	130.00	239	177.00	3449
50.00	9278	82.00	171	131.00	107	178.00	160
51.00	2957	84.00	41	132.00	37	185.00	55
52.00	156	86.00	251	133.00	104	203.00	49
53.00	39	87.00	2311	134.00	33	207.00	97
54.00	90	88.00	2285	135.00	36	217.00	37
55.00	106	89.00	34	137.00	107	234.00	40
56.00	763	91.00	273	138.00	70	239.00	46
57.00	1274	92.00	1568	141.00	432	247.00	72
58.00	95	93.00	2427	142.00	41	250.00	40
60.00	454	94.00	6605	143.00	455	259.00	34
61.00	2548	95.00	57096	144.00	60	261.00	34
62.00	2563	96.00	3807	145.00	60	267.00	33
63.00	2054	97.00	100	146.00	80	269.00	37
64.00	240	103.00	90	148.00	159	274.00	36
65.00	115	104.00	244	149.00	64	281.00	239
67.00	213	105.00	71	150.00	113	282.00	133
68.00	5326	106.00	253	152.00	45	294.00	44
69.00	5579	107.00	76	155.00	220	298.00	44
70.00	617	108.00	89	157.00	181		

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46695.d
Report Date: 28-Mar-2011 16:48

TestAmerica

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46695.d
Lab Smp Id: BFB
Inj Date : 28-MAR-2011 16:44
Operator : VOAMS 1 Inst ID: VOAMS12.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/VOABFB.m
Meth Date : 29-Oct-2010 21:12 sylvanus 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		
2.450	2.700 (0.000)	95	68144			0.00- 100.00	100.00
2.450	2.700 (0.000)	50	11259			15.00- 40.00	16.52
2.450	2.700 (0.000)	75	31896			30.00- 60.00	46.81
2.450	2.700 (0.000)	96	4626			5.00- 9.00	6.79
2.450	2.700 (0.000)	173	772			0.00- 2.00	1.17
2.450	2.700 (0.000)	174	65752			50.00- 100.00	96.49
2.450	2.700 (0.000)	175	4753			5.00- 9.00	7.23
2.450	2.700 (0.000)	176	63776			95.00- 101.00	96.99
2.450	2.700 (0.000)	177	3967			5.00- 9.00	6.22

Data File: o46695.d

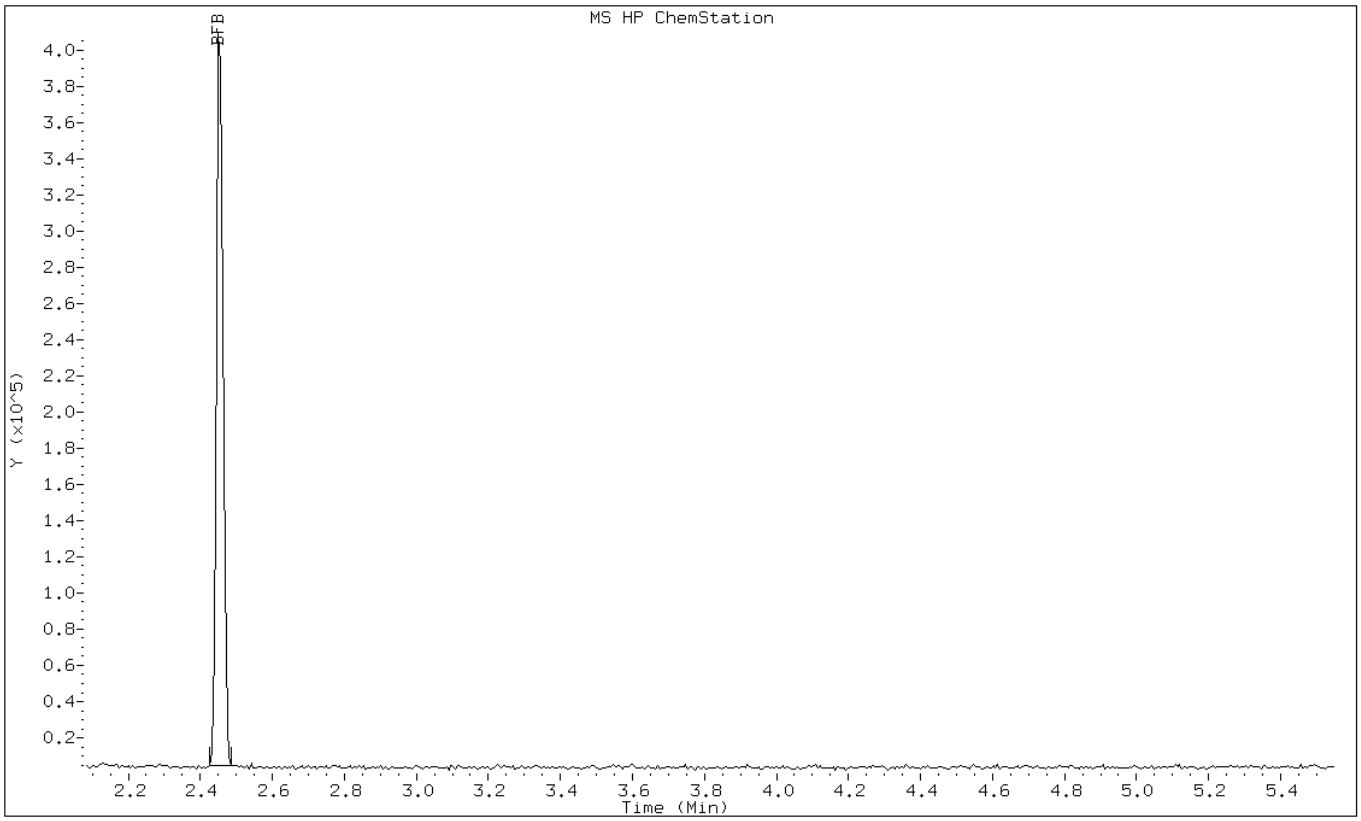
Date: 28-MAR-2011 16:44

Client ID:

Instrument: VOAMS12.i

Sample Info: BFB

Operator: VOAMS 1



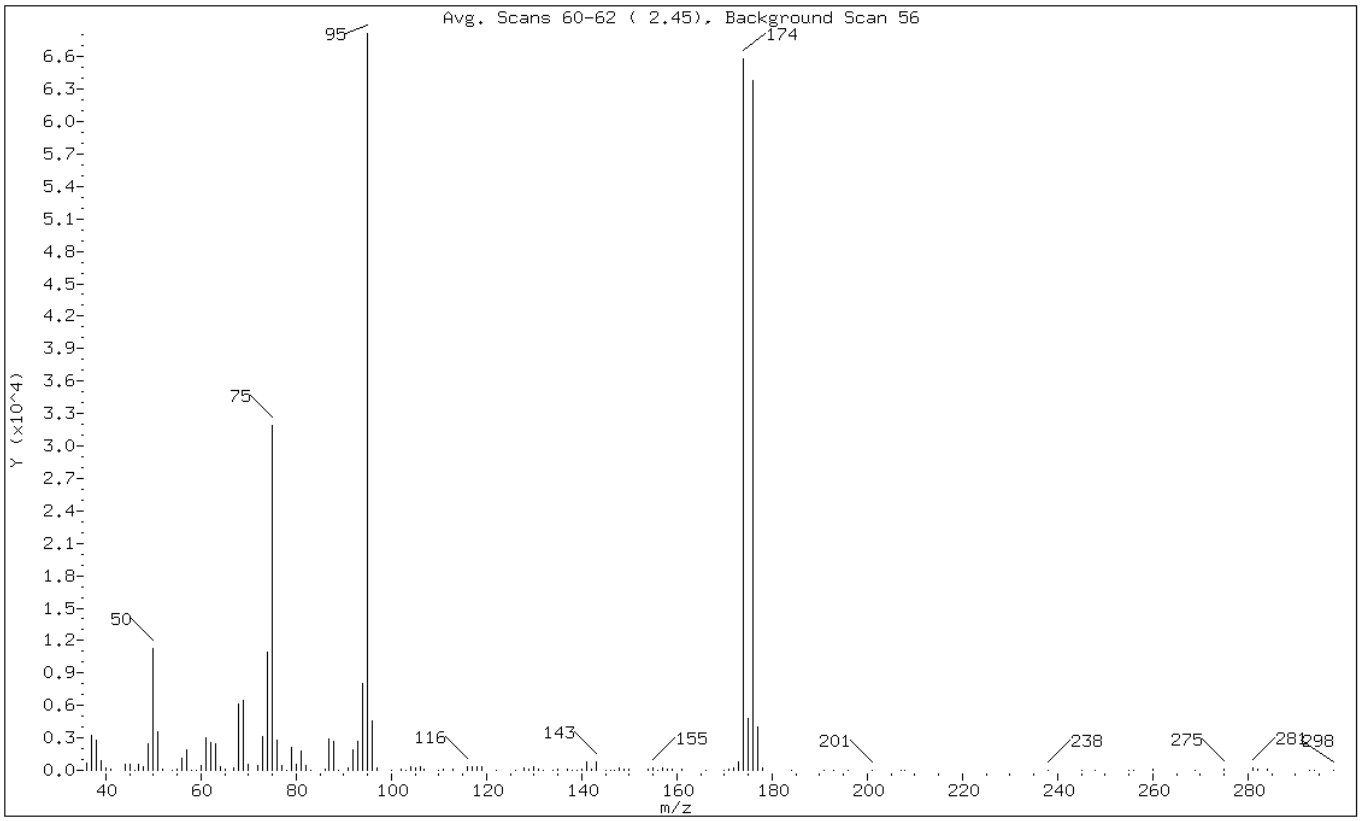
Data File: o46695.d

Date: 28-MAR-2011 16:44

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.52
75	30.00 - 60.00% of mass 95	46.81
96	5.00 - 9.00% of mass 95	6.79
173	Less than 2.00% of mass 174	1.13 (1.17)
174	50.00 - 100.00% of mass 95	96.49
175	5.00 - 9.00% of mass 174	6.97 (7.23)
176	95.00 - 101.00% of mass 174	93.59 (96.99)
177	5.00 - 9.00% of mass 176	5.82 (6.22)

Data File: o46695.d

Date: 28-MAR-2011 16:44

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46695.d
Spectrum: Avg. Scans 60-62 (2.45), Background Scan 56
Location of Maximum: 95.00
Number of points: 128

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	622	74.00	10971	118.00	300	171.00	91
37.00	3289	75.00	31896	119.00	330	172.00	203
38.00	2742	76.00	2792	122.00	43	173.00	772
39.00	897	77.00	438	126.00	36	174.00	65752
40.00	199	78.00	48	128.00	278	175.00	4753
41.00	93	79.00	2156	129.00	130	176.00	63776
44.00	552	80.00	544	130.00	289	177.00	3967
45.00	540	81.00	1747	131.00	140	178.00	242
46.00	40	82.00	392	132.00	52	184.00	47
47.00	565	83.00	37	134.00	36	191.00	37
48.00	338	86.00	89	135.00	141	193.00	39
49.00	2467	87.00	2945	137.00	149	196.00	43
50.00	11259	88.00	2687	138.00	39	201.00	49
51.00	3550	89.00	45	139.00	36	207.00	26
52.00	143	91.00	214	140.00	112	208.00	34
54.00	53	92.00	1842	141.00	743	238.00	41
55.00	141	93.00	2724	142.00	77	245.00	35
56.00	1117	94.00	8031	143.00	744	248.00	36
57.00	1911	95.00	68144	145.00	51	255.00	36
58.00	50	96.00	4626	146.00	38	256.00	40
59.00	36	97.00	258	147.00	39	260.00	73
60.00	413	100.00	43	148.00	234	269.00	41
61.00	3023	102.00	101	149.00	107	275.00	92
62.00	2608	103.00	40	150.00	130	281.00	179
63.00	2442	104.00	330	154.00	63	282.00	155
64.00	283	105.00	204	155.00	261	284.00	73
65.00	161	106.00	340	156.00	43	293.00	46
67.00	267	107.00	158	157.00	170	294.00	33
68.00	6189	110.00	49	158.00	75	298.00	50
69.00	6478	111.00	108	159.00	101		
70.00	548	113.00	102	161.00	56		
72.00	472	116.00	349	166.00	39		
73.00	3166	117.00	339	170.00	40		

Data File: /chem/VOAMS12.i/8260L_10/03-30-11/30mar11a.b/o46763.d
Report Date: 30-Mar-2011 17:29

TestAmerica

Data file : /chem/VOAMS12.i/8260L_10/03-30-11/30mar11a.b/o46763.d
Lab Smp Id: BFB
Inj Date : 30-MAR-2011 17:11
Operator : VOAMS 1 Inst ID: VOAMS12.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/03-30-11/30mar11a.b/VOABFB.m
Meth Date : 29-Oct-2010 21:12 sylvanus 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

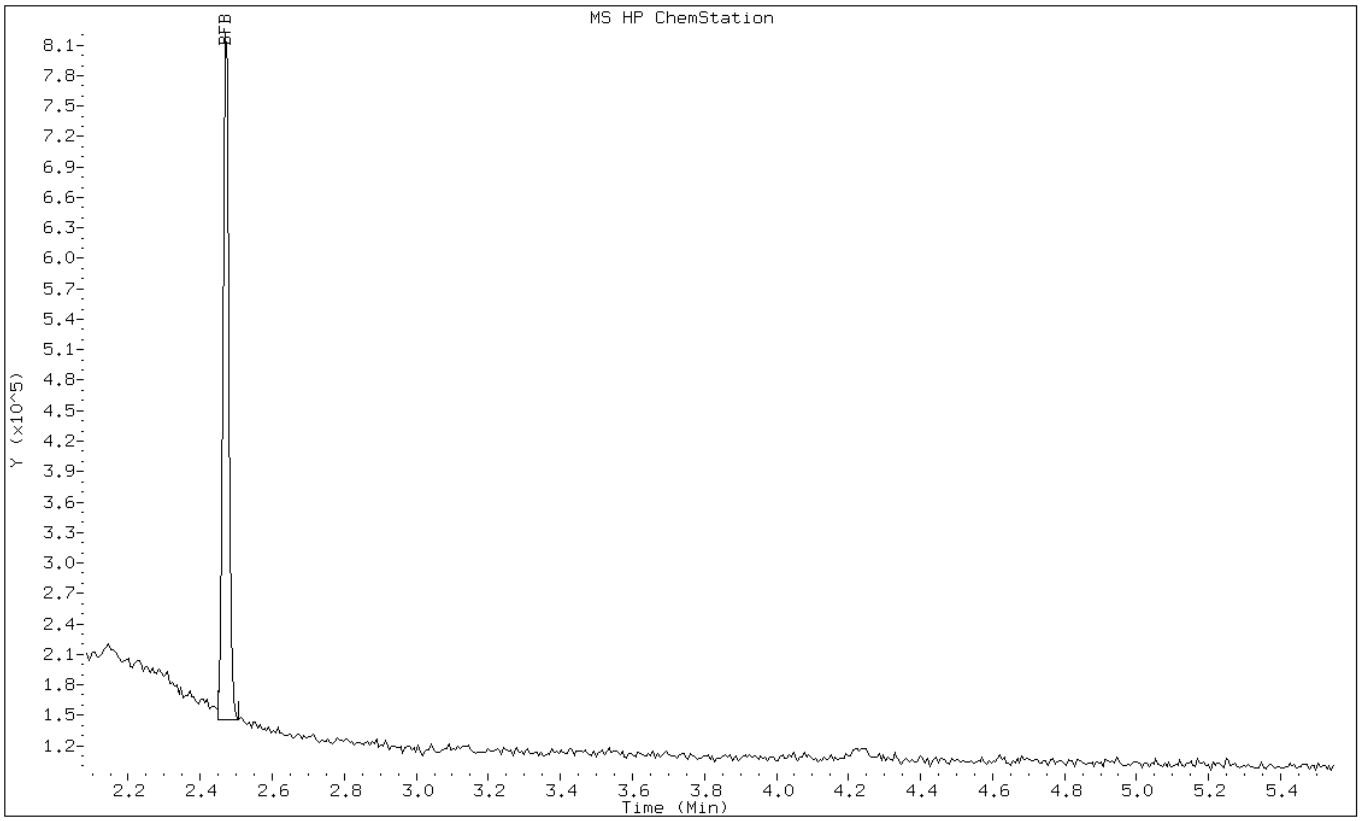
				CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.469	2.700 (0.000)	95	120049			0.00- 100.00	100.00
2.469	2.700 (0.000)	50	18658			15.00- 40.00	15.54
2.469	2.700 (0.000)	75	56661			30.00- 60.00	47.20
2.469	2.700 (0.000)	96	8249			5.00- 9.00	6.87
2.469	2.700 (0.000)	173	388			0.00- 2.00	0.40
2.469	2.700 (0.000)	174	96348			50.00- 100.00	80.26
2.469	2.700 (0.000)	175	6881			5.00- 9.00	7.14
2.469	2.700 (0.000)	176	95013			95.00- 101.00	98.61
2.469	2.700 (0.000)	177	6151			5.00- 9.00	6.47

Data File: o46763.d

Date: 30-MAR-2011 17:11

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1



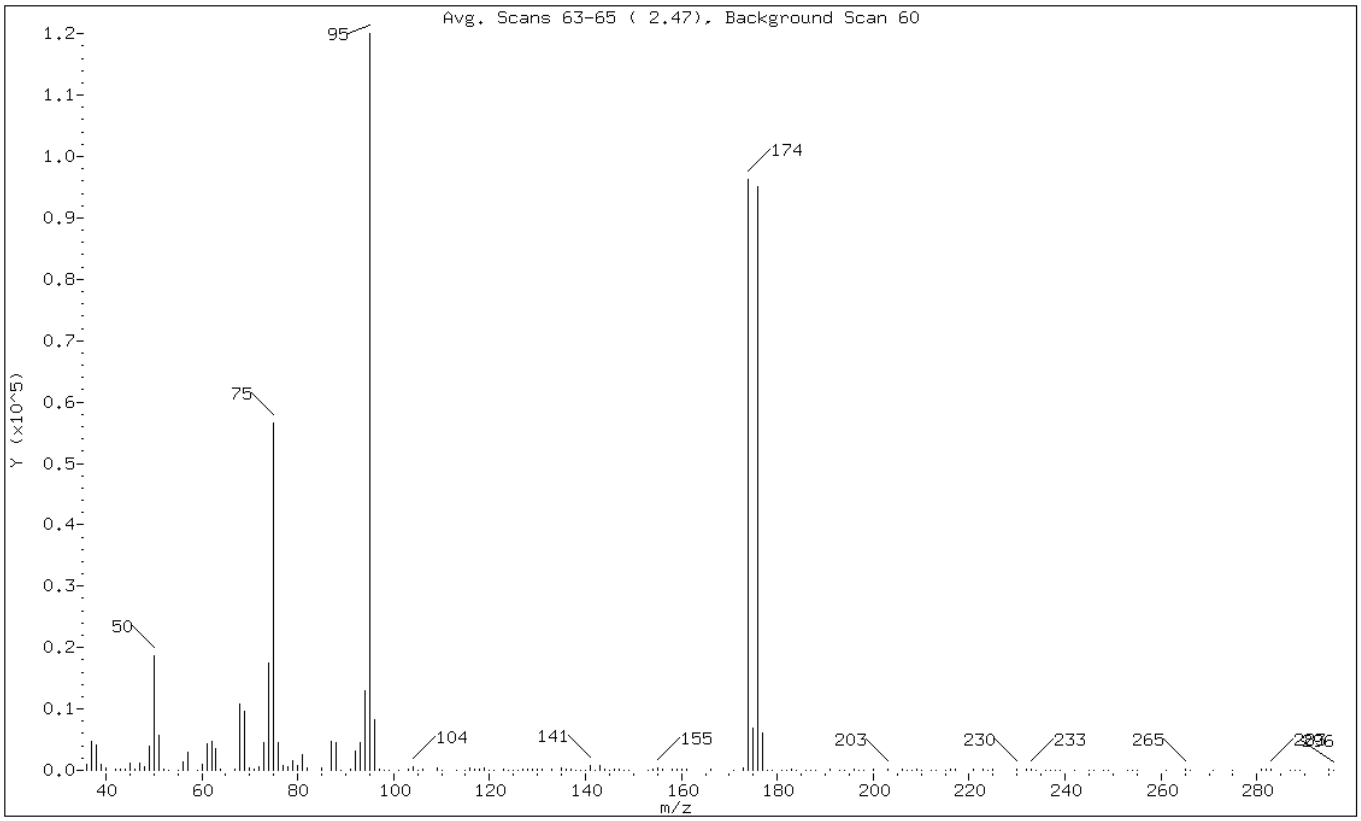
Data File: o46763.d

Date: 30-MAR-2011 17:11

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	15.54
75	30.00 - 60.00% of mass 95	47.20
96	5.00 - 9.00% of mass 95	6.87
173	Less than 2.00% of mass 174	0.32 (0.40)
174	50.00 - 100.00% of mass 95	80.26
175	5.00 - 9.00% of mass 174	5.73 (7.14)
176	95.00 - 101.00% of mass 174	79.15 (98.61)
177	5.00 - 9.00% of mass 176	5.12 (6.47)

Data File: o46763.d

Date: 30-MAR-2011 17:11

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS12.i/8260L_10/03-30-11/30mar11a.b/o46763.d
Spectrum: Avg. Scans 63-65 (2.47), Background Scan 60
Location of Maximum: 95.00
Number of points: 170

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	964	87.00	4713	141.00	768	208.00	65
37.00	4733	88.00	4528	142.00	7	209.00	154
38.00	4144	89.00	26	143.00	729	210.00	27
39.00	915	91.00	244	144.00	192	212.00	50
40.00	430	92.00	3141	145.00	82	213.00	8
42.00	206	93.00	4574	146.00	257	215.00	98
43.00	107	94.00	12961	147.00	283	216.00	134
44.00	129	95.00	120048	148.00	88	217.00	139
45.00	1084	96.00	8249	149.00	50	221.00	147
46.00	108	97.00	110	153.00	79	223.00	153
47.00	1236	98.00	30	154.00	144	224.00	62
48.00	648	99.00	68	155.00	366	225.00	138
49.00	4025	101.00	67	156.00	145	230.00	209
50.00	18656	103.00	99	158.00	159	232.00	113
51.00	5613	104.00	592	159.00	215	233.00	160
52.00	278	105.00	19	160.00	199	234.00	56
53.00	29	106.00	276	161.00	187	236.00	58
55.00	95	109.00	357	166.00	102	237.00	81
56.00	1361	110.00	63	171.00	4	238.00	64
57.00	2866	113.00	81	173.00	388	239.00	3
59.00	78	115.00	81	174.00	96344	242.00	88
60.00	939	116.00	308	175.00	6881	245.00	36
61.00	4256	117.00	162	176.00	95008	246.00	89
62.00	4788	118.00	213	177.00	6151	248.00	51
63.00	3555	119.00	387	178.00	57	249.00	46
64.00	190	120.00	60	179.00	76	253.00	72
67.00	227	121.00	29	181.00	11	254.00	44
68.00	10755	123.00	192	182.00	48	255.00	42
69.00	9618	124.00	55	183.00	159	261.00	49
70.00	434	125.00	49	184.00	25	265.00	209
71.00	219	126.00	17	186.00	30	266.00	52
72.00	527	127.00	100	187.00	18	271.00	34
73.00	4558	128.00	101	188.00	42	275.00	41
74.00	17528	129.00	218	191.00	161	281.00	100
75.00	56656	130.00	176	193.00	84	282.00	203
76.00	4588	131.00	134	194.00	33	283.00	239
77.00	730	133.00	218	196.00	233	287.00	61
78.00	501	135.00	386	197.00	92	288.00	33
79.00	1588	136.00	139	198.00	97	289.00	36
80.00	859	137.00	233	200.00	116	295.00	110

81.00	2650	138.00	83	203.00	245	296.00	48
82.00	329	139.00	66	206.00	163		
85.00	394	140.00	67	207.00	95		

Data File: /chem/VOAMS12.i/8260L_10/03-30-11/31mar11.b/o46790.d
Report Date: 31-Mar-2011 04:51

TestAmerica

Data file : /chem/VOAMS12.i/8260L_10/03-30-11/31mar11.b/o46790.d
Lab Smp Id: BFB
Inj Date : 31-MAR-2011 04:44
Operator : VOAMS 1 Inst ID: VOAMS12.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/03-30-11/31mar11.b/VOABFB.m
Meth Date : 29-Oct-2010 21:12 sylvanus 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

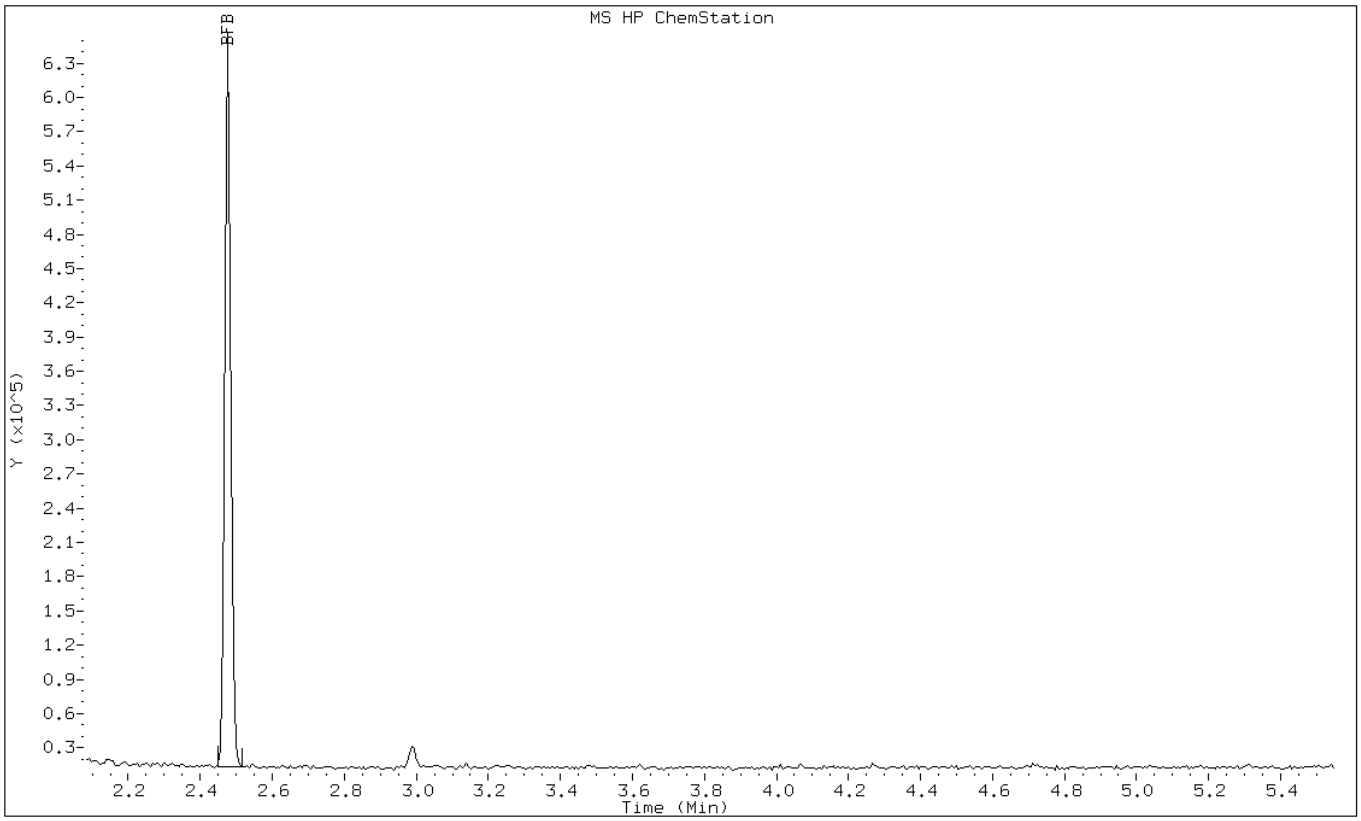
				CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 BFB					CAS #: 460-00-4		
2.475	2.700 (0.000)	95	115232			0.00- 100.00	100.00
2.475	2.700 (0.000)	50	17696			15.00- 40.00	15.36
2.475	2.700 (0.000)	75	51408			30.00- 60.00	44.61
2.475	2.700 (0.000)	96	7196			5.00- 9.00	6.24
2.475	2.700 (0.000)	173	931			0.00- 2.00	0.95
2.475	2.700 (0.000)	174	98296			50.00- 100.00	85.30
2.475	2.700 (0.000)	175	7209			5.00- 9.00	7.33
2.475	2.700 (0.000)	176	95360			95.00- 101.00	97.01
2.475	2.700 (0.000)	177	6135			5.00- 9.00	6.43

Data File: o46790.d

Date: 31-MAR-2011 04:44

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1



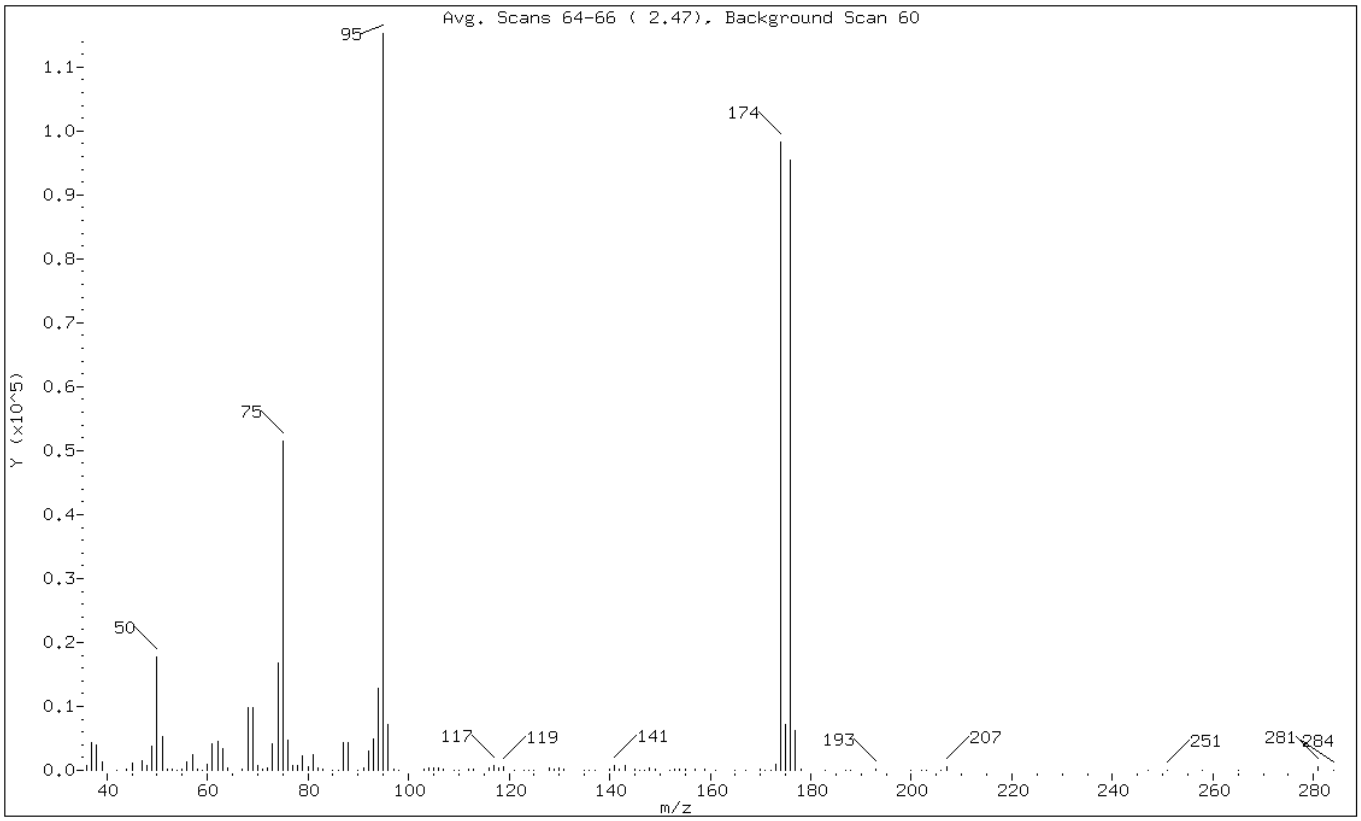
Data File: o46790.d

Date: 31-MAR-2011 04:44

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	15.36
75	30.00 - 60.00% of mass 95	44.61
96	5.00 - 9.00% of mass 95	6.24
173	Less than 2.00% of mass 174	0.81 (0.95)
174	50.00 - 100.00% of mass 95	85.30
175	5.00 - 9.00% of mass 174	6.26 (7.33)
176	95.00 - 101.00% of mass 174	82.75 (97.01)
177	5.00 - 9.00% of mass 176	5.32 (6.43)

Data File: o46790.d

Date: 31-MAR-2011 04:44

Client ID: Instrument: VOAMS12.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS12.i/8260L_10/03-30-11/31mar11.b/o46790.d
Spectrum: Avg. Scans 64-66 (2.47), Background Scan 60
Location of Maximum: 95.00
Number of points: 121

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	760	73.00	4232	112.00	123	159.00	158
37.00	4383	74.00	16792	113.00	104	161.00	53
38.00	3930	75.00	51408	116.00	355	165.00	40
39.00	1307	76.00	4652	117.00	763	167.00	40
42.00	45	77.00	750	118.00	458	170.00	97
44.00	179	78.00	732	119.00	490	171.00	38
45.00	1087	79.00	2284	121.00	35	172.00	40
47.00	1519	80.00	612	123.00	43	173.00	931
48.00	728	81.00	2434	124.00	43	174.00	98296
49.00	3707	82.00	458	125.00	66	175.00	7209
50.00	17696	83.00	267	128.00	400	176.00	95360
51.00	5224	85.00	55	129.00	200	177.00	6135
52.00	144	86.00	60	130.00	435	178.00	278
53.00	121	87.00	4348	131.00	126	183.00	52
54.00	55	88.00	4315	135.00	81	187.00	57
55.00	160	90.00	37	136.00	77	188.00	33
56.00	1253	91.00	432	137.00	25	193.00	188
57.00	2420	92.00	3047	140.00	148	200.00	41
58.00	209	93.00	4828	141.00	792	202.00	54
59.00	85	94.00	12767	142.00	139	203.00	36
60.00	1014	95.00	115232	143.00	731	206.00	38
61.00	4144	96.00	7196	145.00	139	207.00	542
62.00	4549	97.00	256	146.00	68	247.00	41
63.00	3342	98.00	79	147.00	59	251.00	43
64.00	343	103.00	120	148.00	288	258.00	35
67.00	150	104.00	458	149.00	134	265.00	91
68.00	9724	105.00	287	152.00	41	281.00	585
69.00	9745	106.00	387	153.00	120	284.00	36
70.00	755	107.00	231	154.00	134		
71.00	198	109.00	91	155.00	269		
72.00	382	110.00	69	157.00	177		

Data File: /chem/VOAMS13.i/8260_09/03-03-11/03mar11.b/p44656.d
Report Date: 03-Mar-2011 00:42

TestAmerica

Data file : /chem/VOAMS13.i/8260_09/03-03-11/03mar11.b/p44656.d
Lab Smp Id: BFB
Inj Date : 03-MAR-2011 00:44
Operator : VOAMS 1 Inst ID: VOAMS13.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/03-03-11/03mar11.b/VOABFB.m
Meth Date : 02-Jul-2010 09:13 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		
1.771	1.700 (0.000)	95	31640			0.00- 100.00	100.00
1.771	1.700 (0.000)	50	6340			15.00- 40.00	20.04
1.771	1.700 (0.000)	75	16808			30.00- 60.00	53.12
1.771	1.700 (0.000)	96	1993			5.00- 9.00	6.30
1.771	1.700 (0.000)	173	204			0.00- 2.00	0.78
1.771	1.700 (0.000)	174	26209			50.00- 100.00	82.84
1.771	1.700 (0.000)	175	2358			5.00- 9.00	9.00
1.771	1.700 (0.000)	176	26099			95.00- 101.00	99.58
1.771	1.700 (0.000)	177	1954			5.00- 9.00	7.49

Data File: p44656.d

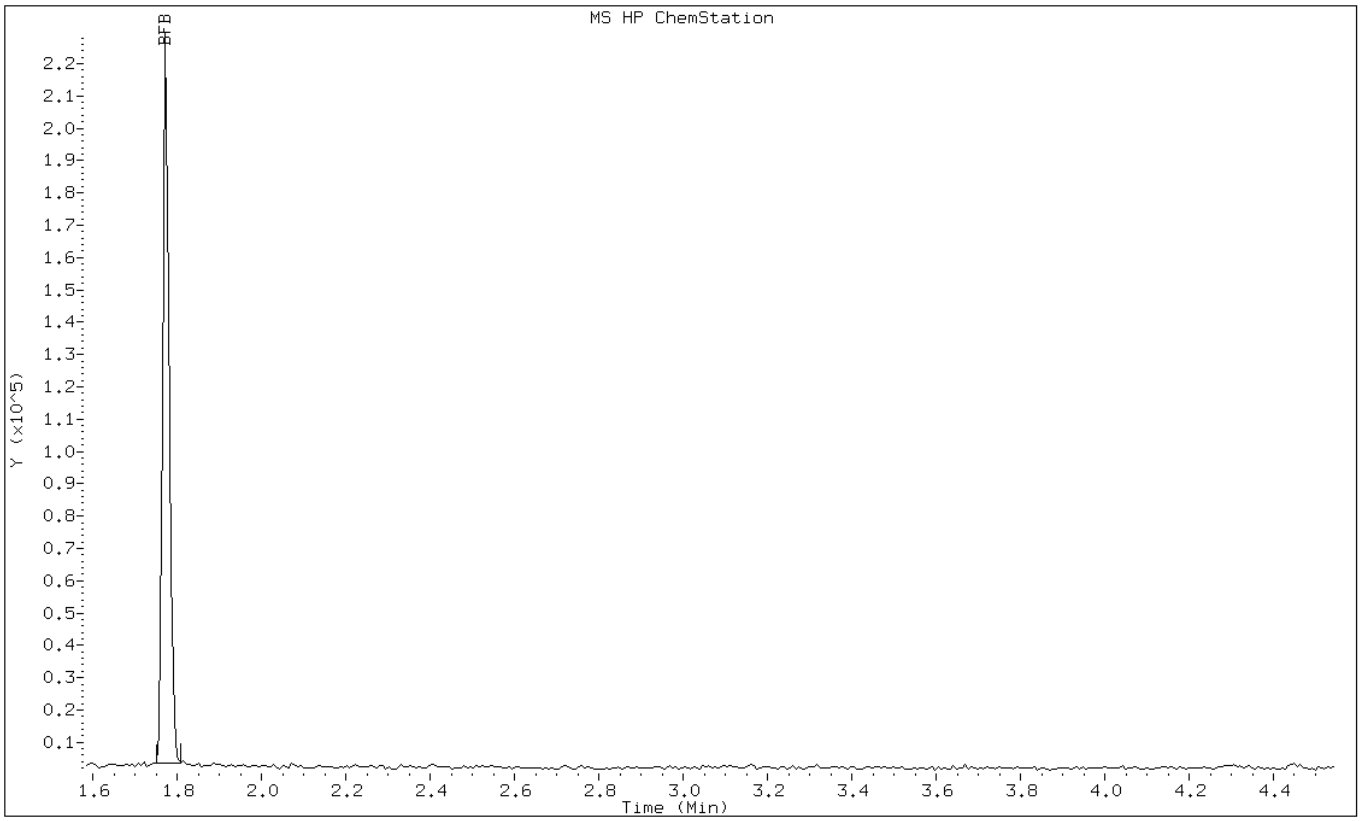
Date: 03-MAR-2011 00:44

Client ID:

Instrument: VOAMS13.i

Sample Info: BFB

Operator: VOAMS 1



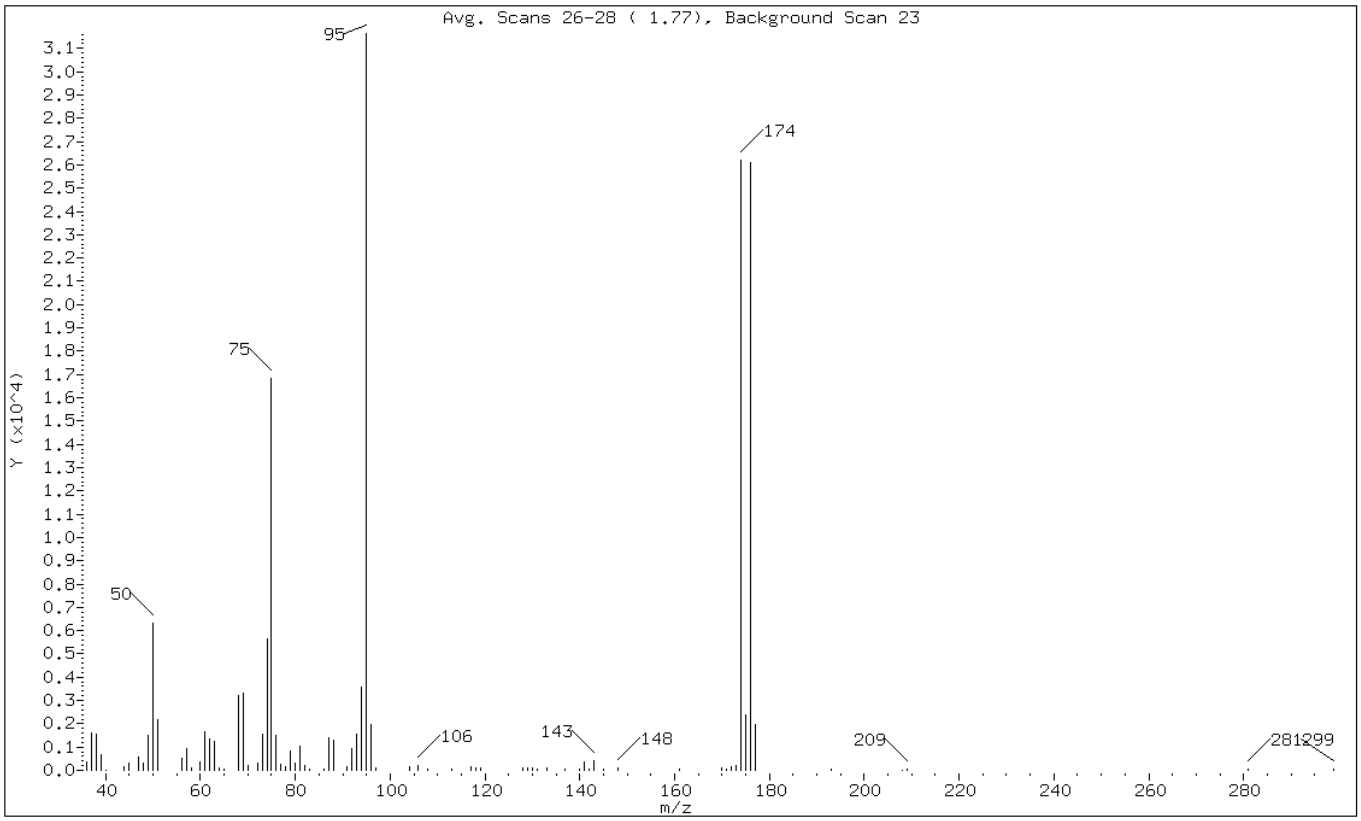
Data File: p44656.d

Date: 03-MAR-2011 00:44

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	20.04
75	30.00 - 60.00% of mass 95	53.12
96	5.00 - 9.00% of mass 95	6.30
173	Less than 2.00% of mass 174	0.64 (0.78)
174	50.00 - 100.00% of mass 95	82.84
175	5.00 - 9.00% of mass 174	7.45 (9.00)
176	95.00 - 101.00% of mass 174	82.49 (99.58)
177	5.00 - 9.00% of mass 176	6.18 (7.49)

Data File: p44656.d

Date: 03-MAR-2011 00:44

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS13.i/8260_09/03-03-11/03mar11.b/p44656.d
Spectrum: Avg. Scans 26-28 (1.77), Background Scan 23
Location of Maximum: 95.00
Number of points: 79

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	366	65.00	47	92.00	929	141.00	358
37.00	1629	68.00	3217	93.00	1575	142.00	36
38.00	1556	69.00	3335	94.00	3595	143.00	407
39.00	656	70.00	227	95.00	31640	145.00	33
40.00	19	72.00	329	96.00	1993	148.00	93
44.00	164	73.00	1568	97.00	100	161.00	56
45.00	330	74.00	5633	104.00	137	170.00	78
47.00	575	75.00	16808	106.00	194	171.00	49
48.00	310	76.00	1495	108.00	38	172.00	162
49.00	1497	77.00	248	113.00	66	173.00	204
50.00	6340	78.00	146	117.00	165	174.00	26208
51.00	2173	79.00	812	118.00	83	175.00	2358
56.00	521	80.00	303	119.00	94	176.00	26096
57.00	924	81.00	1046	128.00	121	177.00	1954
58.00	86	82.00	202	129.00	86	193.00	35
60.00	344	83.00	42	130.00	93	208.00	17
61.00	1667	86.00	47	131.00	45	209.00	37
62.00	1343	87.00	1411	133.00	127	281.00	47
63.00	1256	88.00	1312	137.00	59	299.00	39
64.00	83	91.00	177	140.00	36		

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45572.d
Report Date: 30-Mar-2011 09:33

TestAmerica

Data file : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45572.d
Lab Smp Id: BFB
Inj Date : 30-MAR-2011 09:28
Operator : VOAMS 1 Inst ID: VOAMS13.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/VOABFB.m
Meth Date : 02-Jul-2010 09:13 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		
1.742	1.700 (0.000)	95	7788			0.00- 100.00	100.00
1.742	1.700 (0.000)	50	1355			15.00- 40.00	17.40
1.742	1.700 (0.000)	75	4146			30.00- 60.00	53.24
1.742	1.700 (0.000)	96	693			5.00- 9.00	8.90
1.742	1.700 (0.000)	173	75			0.00- 2.00	0.98
1.742	1.700 (0.000)	174	7643			50.00- 100.00	98.14
1.742	1.700 (0.000)	175	584			5.00- 9.00	7.64
1.742	1.700 (0.000)	176	7526			95.00- 101.00	98.47
1.742	1.700 (0.000)	177	379			5.00- 9.00	5.04

Data File: p45572.d

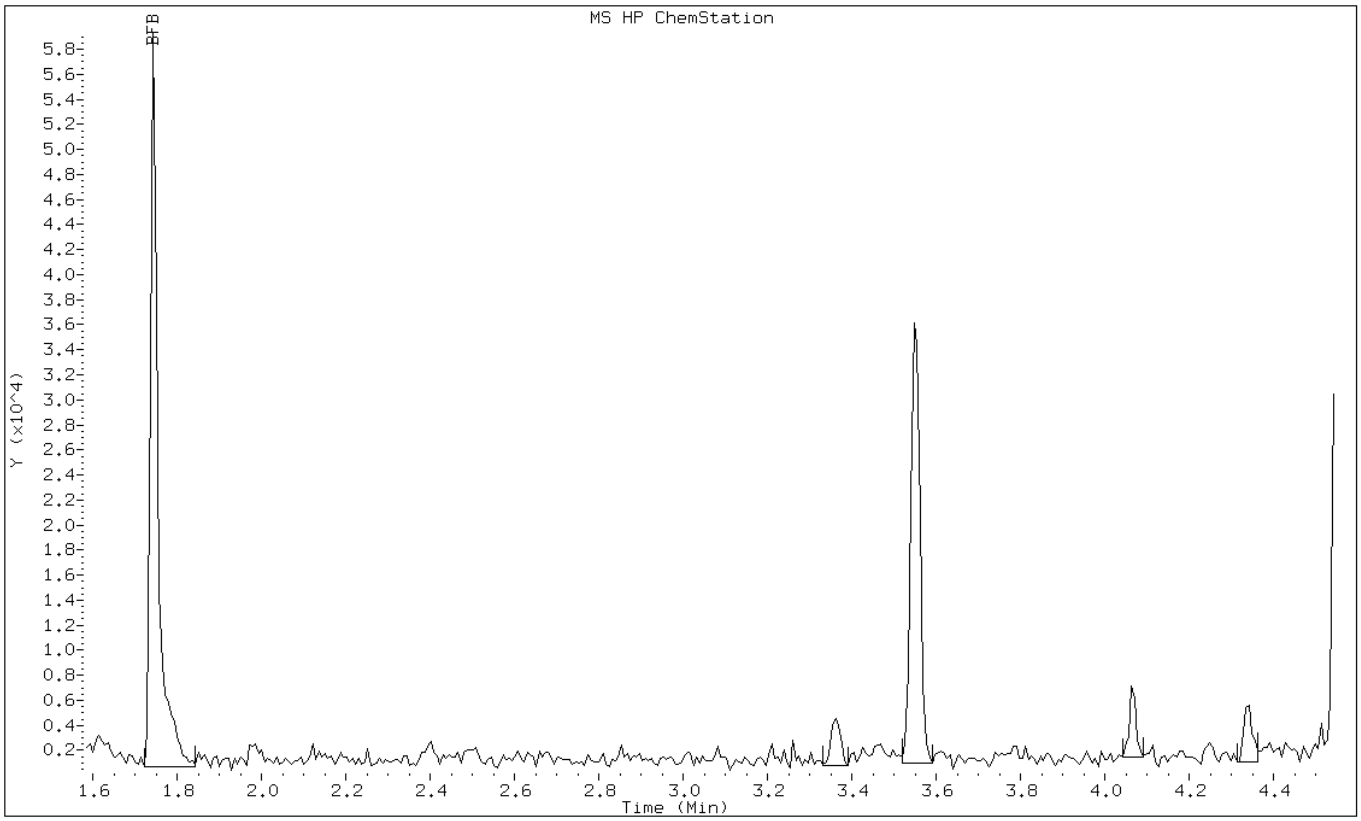
Date: 30-MAR-2011 09:28

Client ID:

Instrument: VOAMS13.i

Sample Info: BFB

Operator: VOAMS 1



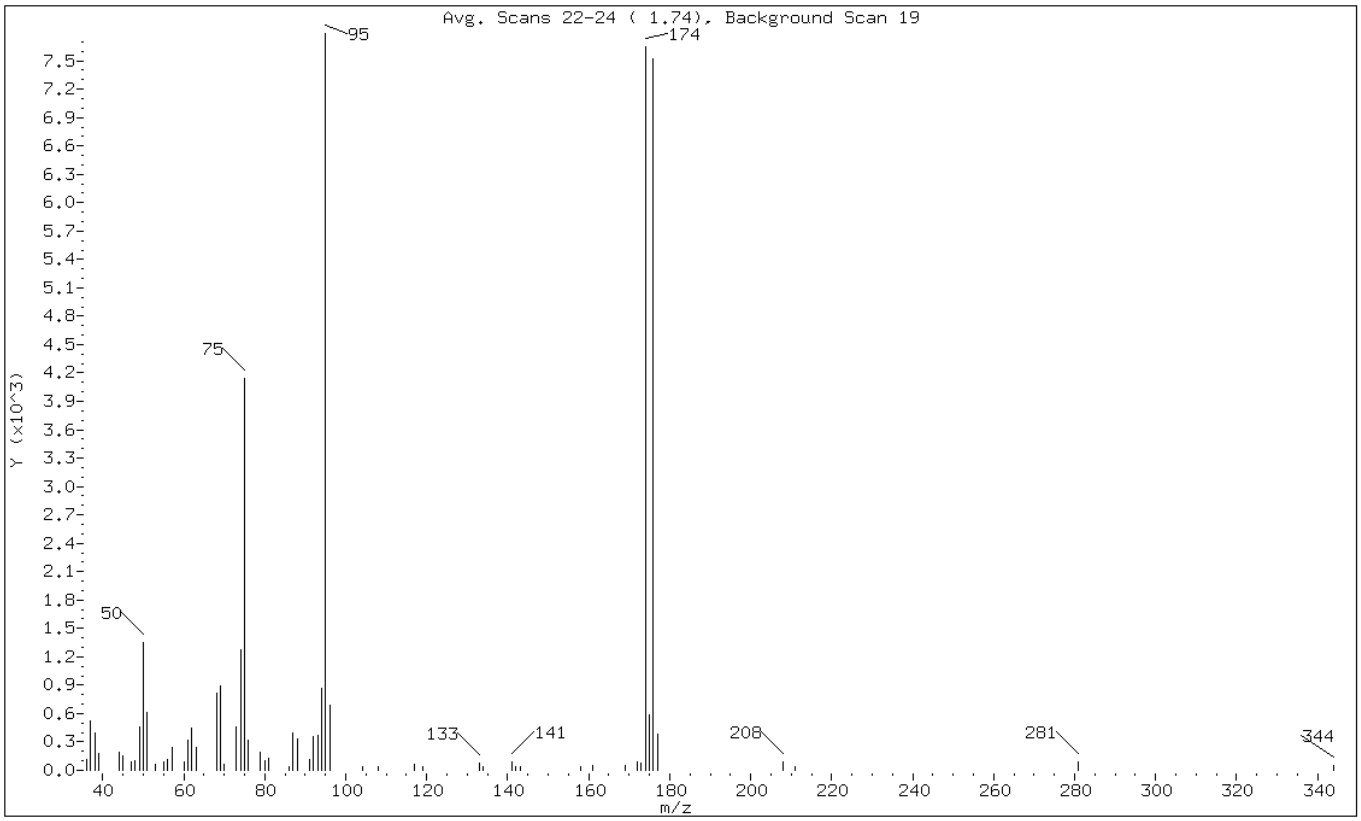
Data File: p45572.d

Date: 30-MAR-2011 09:28

Client ID: Instrument: VOAMS13.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	17.40
75	30.00 - 60.00% of mass 95	53.24
96	5.00 - 9.00% of mass 95	8.90
173	Less than 2.00% of mass 174	0.96 (0.98)
174	50.00 - 100.00% of mass 95	98.14
175	5.00 - 9.00% of mass 174	7.50 (7.64)
176	95.00 - 101.00% of mass 174	96.64 (98.47)
177	5.00 - 9.00% of mass 176	4.87 (5.04)

Data File: p45572.d

Date: 30-MAR-2011 09:28

Client ID:

Instrument: VOAMS13.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45572.d
Spectrum: Avg. Scans 22-24 (1.74), Background Scan 19
Location of Maximum: 95.00
Number of points: 60

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	112	61.00	319	91.00	110	161.00	53
37.00	517	62.00	449	92.00	363	169.00	56
38.00	395	63.00	247	93.00	375	172.00	89
39.00	174	68.00	822	94.00	866	173.00	75
44.00	196	69.00	886	95.00	7788	174.00	7643
45.00	155	70.00	68	96.00	693	175.00	584
47.00	84	73.00	457	104.00	34	176.00	7526
48.00	106	74.00	1275	108.00	40	177.00	379
49.00	458	75.00	4146	117.00	65	208.00	84
50.00	1355	76.00	321	119.00	44	211.00	35
51.00	613	79.00	194	133.00	75	281.00	93
53.00	67	80.00	103	134.00	36	344.00	47
55.00	87	81.00	122	141.00	86		
56.00	116	86.00	42	142.00	37		
57.00	239	87.00	393	143.00	40		
60.00	90	88.00	333	158.00	35		

Data File: /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45625.d
Report Date: 31-Mar-2011 12:00

TestAmerica

Data file : /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45625.d
Lab Smp Id: BFB
Inj Date : 31-MAR-2011 11:28
Operator : VOAMS 1 Inst ID: VOAMS13.i
Smp Info : BFB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/VOABFB.m
Meth Date : 02-Jul-2010 09:13 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		
1.742	1.700 (0.000)	95	9457			0.00- 100.00	100.00
1.742	1.700 (0.000)	50	1815			15.00- 40.00	19.19
1.742	1.700 (0.000)	75	4796			30.00- 60.00	50.71
1.742	1.700 (0.000)	96	527			5.00- 9.00	5.57
1.742	1.700 (0.000)	173	50			0.00- 2.00	0.56
1.742	1.700 (0.000)	174	8862			50.00- 100.00	93.71
1.742	1.700 (0.000)	175	778			5.00- 9.00	8.78
1.742	1.700 (0.000)	176	8497			95.00- 101.00	95.88
1.742	1.700 (0.000)	177	548			5.00- 9.00	6.45

Data File: p45625.d

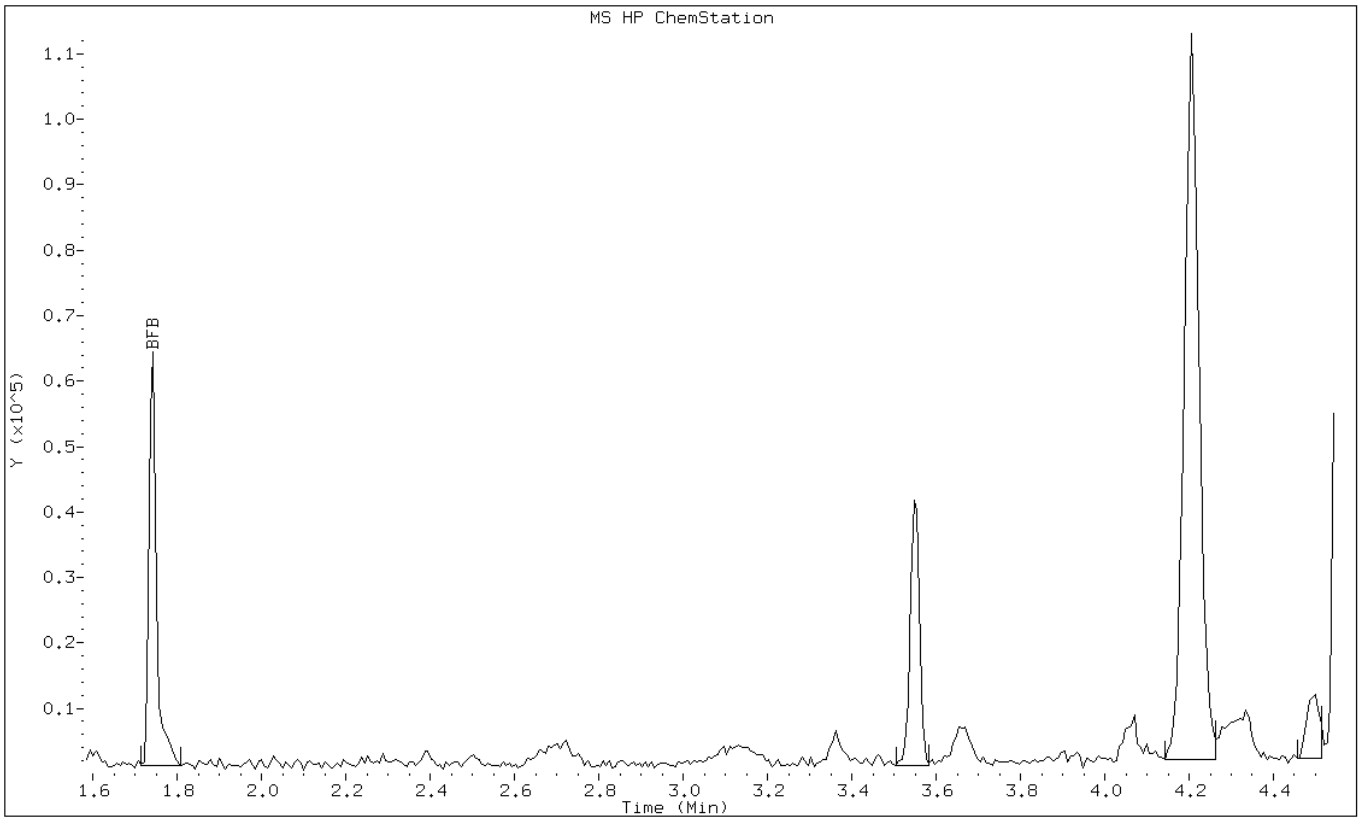
Date: 31-MAR-2011 11:28

Client ID:

Instrument: VOAMS13.i

Sample Info: BFB

Operator: VOAMS 1



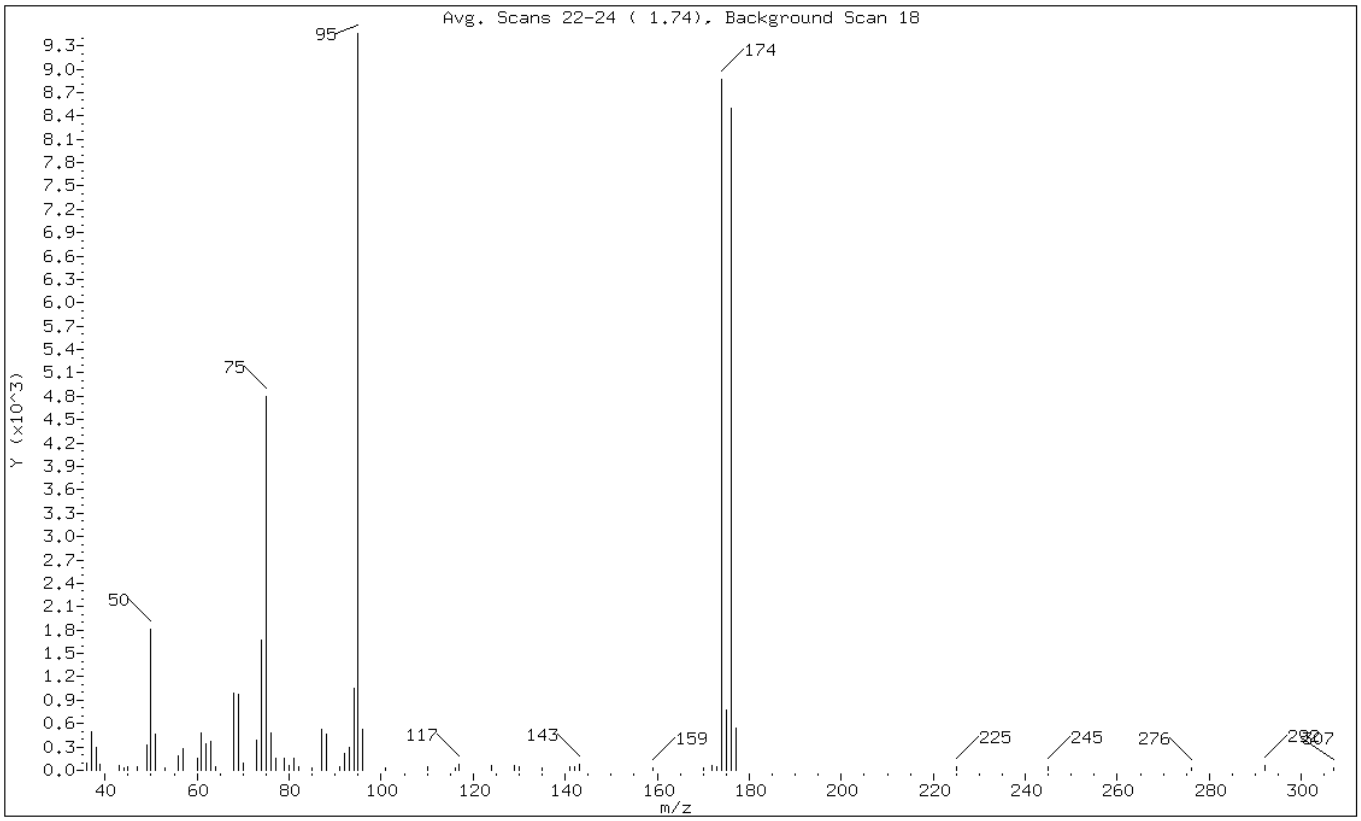
Data File: p45625.d

Date: 31-MAR-2011 11:28

Client ID: Instrument: VOAMS13.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	19.19
75	30.00 - 60.00% of mass 95	50.71
96	5.00 - 9.00% of mass 95	5.57
173	Less than 2.00% of mass 174	0.53 (0.56)
174	50.00 - 100.00% of mass 95	93.71
175	5.00 - 9.00% of mass 174	8.23 (8.78)
176	95.00 - 101.00% of mass 174	89.85 (95.88)
177	5.00 - 9.00% of mass 176	5.79 (6.45)

Data File: p45625.d

Date: 31-MAR-2011 11:28

Client ID: Instrument: VOAMS13.i

Sample Info: BFB Operator: VOAMS 1

Data File: /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45625.d
Spectrum: Avg. Scans 22-24 (1.74), Background Scan 18
Location of Maximum: 95.00
Number of points: 64

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	90	63.00	369	91.00	40	159.00	36
37.00	488	64.00	42	92.00	210	170.00	34
38.00	288	68.00	984	93.00	298	172.00	60
39.00	85	69.00	980	94.00	1059	173.00	50
43.00	68	70.00	95	95.00	9457	174.00	8862
44.00	25	73.00	380	96.00	527	175.00	778
45.00	52	74.00	1669	101.00	37	176.00	8497
47.00	40	75.00	4796	110.00	41	177.00	548
49.00	331	76.00	484	116.00	33	225.00	43
50.00	1815	77.00	150	117.00	74	245.00	41
51.00	469	79.00	154	124.00	55	276.00	36
53.00	36	80.00	57	129.00	61	292.00	56
56.00	190	81.00	155	130.00	51	307.00	35
57.00	282	82.00	52	135.00	35		
60.00	151	85.00	38	141.00	47		
61.00	477	87.00	525	142.00	50		
62.00	338	88.00	469	143.00	77		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68728/5

Matrix: Solid Lab File ID: o46702.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/28/2011 20:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68728 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.63
74-83-9	Bromomethane	1.0	U	1.0	0.41
75-01-4	Vinyl chloride	1.0	U	1.0	0.23
75-00-3	Chloroethane	1.0	U	1.0	0.40
75-09-2	Methylene Chloride	1.0	U	1.0	0.47
67-64-1	Acetone	5.63	J	10	3.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.46
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.37
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.28
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.24
67-66-3	Chloroform	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.57
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.39
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.19
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.74
75-25-2	Bromoform	1.0	U	1.0	0.70
100-42-5	Styrene	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	1.0	U	1.0	0.19
108-90-7	Chlorobenzene	1.0	U	1.0	0.48
110-82-7	Cyclohexane	1.0	U	1.0	0.22
98-82-8	Isopropylbenzene	1.0	U	1.0	0.26
591-78-6	2-Hexanone	10	U	10	1.7
1634-04-4	MTBE	1.0	U	1.0	0.34
76-13-1	Freon TF	1.0	U	1.0	0.48
79-20-9	Methyl acetate	1.0	U	1.0	0.90
123-91-1	1,4-Dioxane	50	U	50	4.2
79-01-6	Trichloroethene	1.0	U	1.0	0.36
108-88-3	Toluene	1.0	U	1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
108-10-1	4-Methyl-2-pentanone	10	U	10	0.72
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.20
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.64
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68728/5

Matrix: Solid Lab File ID: o46702.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/28/2011 20:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68728 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.65
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.32
108-87-2	Methylcyclohexane	1.0	U	1.0	0.27
127-18-4	Tetrachloroethene	1.0	U	1.0	0.33
1330-20-7	Xylenes, Total	3.0	U	3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.76
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.59
124-48-1	Dibromochloromethane	1.0	U	1.0	0.56
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.52
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.41
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
75-27-4	Bromodichloromethane	1.0	U	1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	92		70-138
2037-26-5	Toluene-d8 (Surr)	88		66-126
460-00-4	Bromofluorobenzene	93		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68728/5

Matrix: Solid Lab File ID: o46702.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/28/2011 20:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 68728 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_10/02-14-11A/28mar11a.b/o46702.d
Report Date: 30-Mar-2011 11:45

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46702.d
Lab Smp Id: MB
Inj Date : 28-MAR-2011 20:07
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 7 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

Concentration Formula: Amt * DF * ((Vt/Ws)/((100-M)/100)) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 Acetone	43	1.813	1.813	(0.449)	4356	5.63041	5.6(a)
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.715	3.715	(0.920)	152544	45.9310	46
*	69 Fluorobenzene	96	4.038	4.038	(1.000)	903242	50.0000	
$	37 Toluene-d8 (SUR)	98	5.812	5.812	(0.749)	649266	44.1891	44
*	32 Chlorobenzene-d5	117	7.763	7.763	(1.000)	637949	50.0000	
$	41 Bromofluorobenzene (SUR)	174	9.610	9.610	(0.838)	247367	46.5922	46
*	91 1,4-Dichlorobenzene-d4	152	11.470	11.476	(1.000)	356600	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46702.d
Report Date: 30-Mar-2011 11:45

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46702.d
Lab Smp Id: MB
Inj Date : 28-MAR-2011 20:07
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 7 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

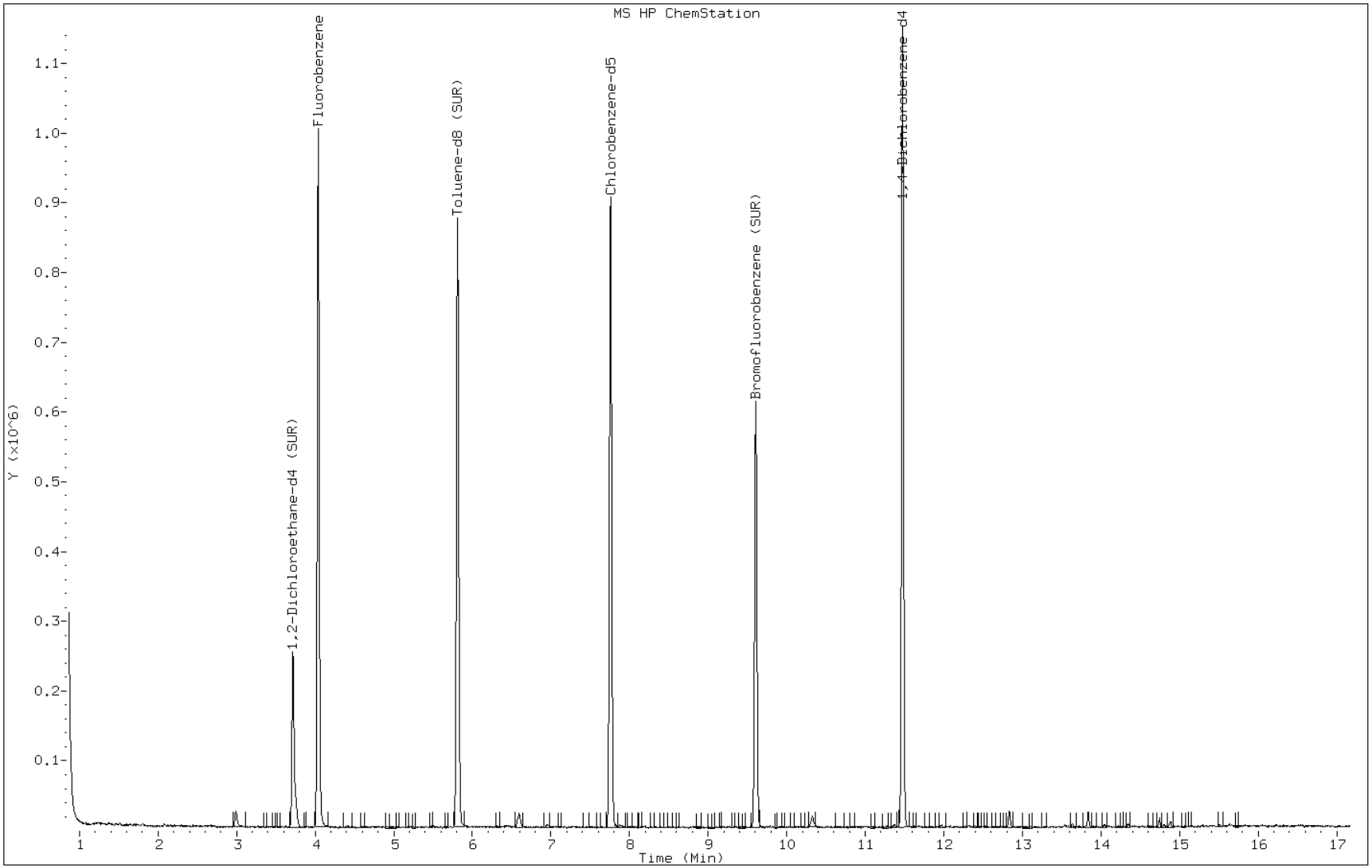
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: o46702.d

Date: 28-MAR-2011 20:07

Client ID: Instrument: VOAMS12.i

Sample Info: MB Operator: VOAMS 9



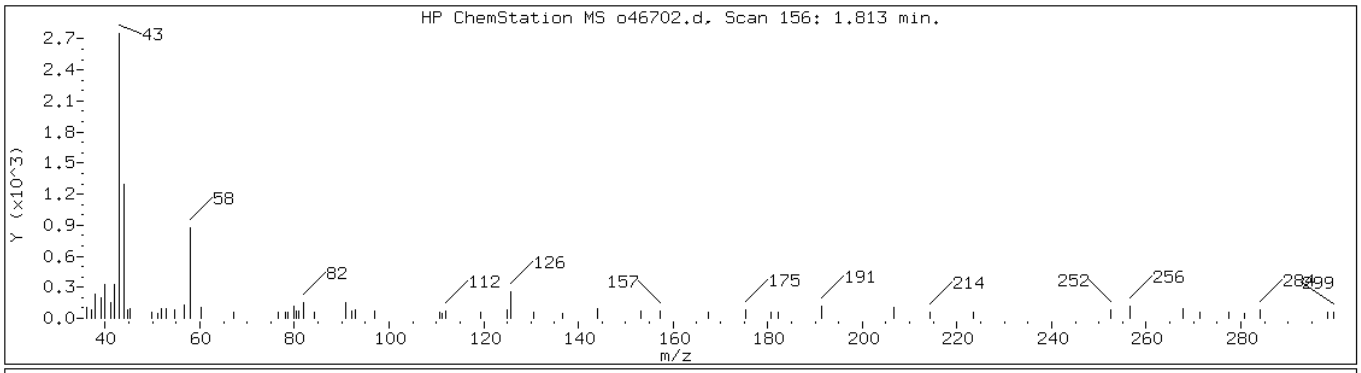
Data File: o46702.d

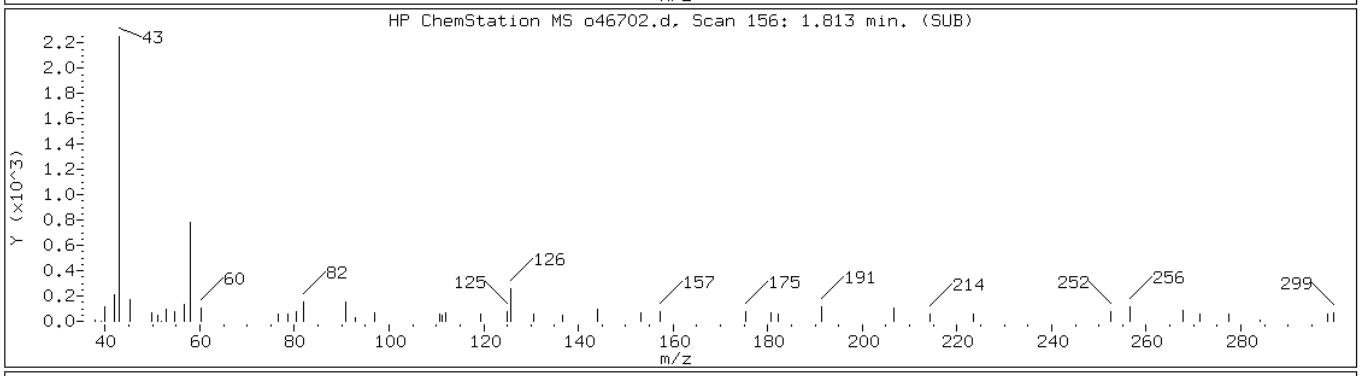
Date: 28-MAR-2011 20:07

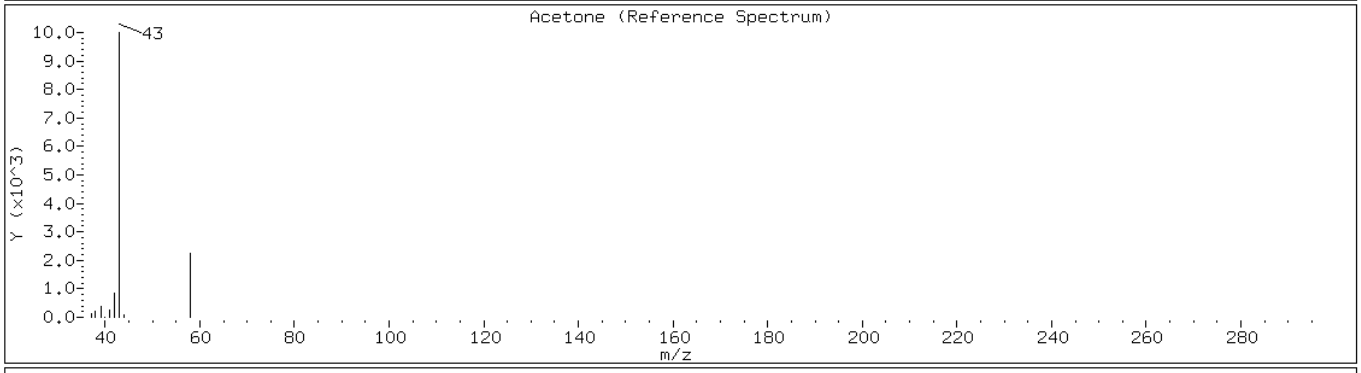
Client ID: Instrument: VOAMS12.i

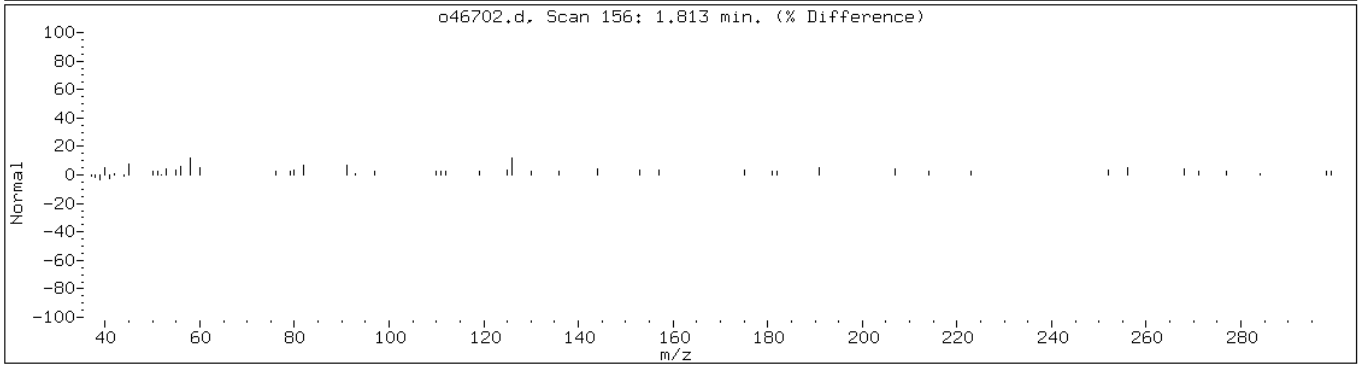
Sample Info: MB Operator: VOAMS 9

7 Acetone









FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-68934/4

Matrix: Solid | Lab File ID: p45578.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/30/2011 12:07

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 68934 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	100	U	100	21
74-83-9	Bromomethane	100	U	100	31
75-01-4	Vinyl chloride	100	U	100	12
75-00-3	Chloroethane	100	U	100	45
75-09-2	Methylene Chloride	100	U	100	19
67-64-1	Acetone	1000	U	1000	250
75-15-0	Carbon disulfide	100	U	100	15
75-69-4	Trichlorofluoromethane	100	U	100	16
75-35-4	1,1-Dichloroethene	100	U	100	14
75-34-3	1,1-Dichloroethane	100	U	100	10
156-60-5	trans-1,2-Dichloroethene	100	U	100	14
156-59-2	cis-1,2-Dichloroethene	100	U	100	19
67-66-3	Chloroform	100	U	100	16
78-93-3	2-Butanone	1000	U	1000	82
107-06-2	1,2-Dichloroethane	100	U	100	25
71-55-6	1,1,1-Trichloroethane	100	U	100	25
56-23-5	Carbon tetrachloride	100	U	100	18
71-43-2	Benzene	100	U	100	12
75-25-2	Bromoform	100	U	100	9.9
100-42-5	Styrene	100	U	100	14
100-41-4	Ethylbenzene	100	U	100	25
108-90-7	Chlorobenzene	100	U	100	17
110-82-7	Cyclohexane	100	U	100	12
98-82-8	Isopropylbenzene	100	U	100	21
591-78-6	2-Hexanone	1000	U	1000	55
1634-04-4	MTBE	100	U	100	19
76-13-1	Freon TF	100	U	100	29
79-20-9	Methyl acetate	200	U	200	33
123-91-1	1,4-Dioxane	5000	U	5000	850
79-01-6	Trichloroethene	100	U	100	18
108-88-3	Toluene	100	U	100	9.5
10061-02-6	trans-1,3-Dichloropropene	100	U	100	12
108-10-1	4-Methyl-2-pentanone	1000	U	1000	68
10061-01-5	cis-1,3-Dichloropropene	100	U	100	10
95-50-1	1,2-Dichlorobenzene	100	U	100	16
541-73-1	1,3-Dichlorobenzene	100	U	100	23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68934/4

Matrix: Solid Lab File ID: p45578.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/30/2011 12:07

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 68934 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	100	U	100	15
120-82-1	1,2,4-Trichlorobenzene	100	U	100	44
87-61-6	1,2,3-Trichlorobenzene	100	U	100	83
78-87-5	1,2-Dichloropropane	100	U	100	8.7
108-87-2	Methylcyclohexane	100	U	100	8.0
127-18-4	Tetrachloroethene	100	U	100	20
1330-20-7	Xylenes, Total	300	U	300	43
96-12-8	1,2-Dibromo-3-Chloropropane	100	U	100	15
79-34-5	1,1,2,2-Tetrachloroethane	100	U	100	8.6
79-00-5	1,1,2-Trichloroethane	100	U	100	9.7
124-48-1	Dibromochloromethane	100	U	100	10
106-93-4	1,2-Dibromoethane	100	U	100	9.1
75-71-8	Dichlorodifluoromethane	100	U	100	28
74-97-5	Bromochloromethane	100	U	100	17
75-27-4	Bromodichloromethane	100	U	100	9.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	71		57-135
2037-26-5	Toluene-d8 (Surr)	81		46-130
460-00-4	Bromofluorobenzene	110		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68934/4

Matrix: Solid Lab File ID: p45578.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/30/2011 12:07

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 68934 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/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45578.d
Report Date: 30-Mar-2011 12:44

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45578.d
Lab Smp Id: MB
Inj Date : 30-MAR-2011 12:07
Operator : Inst ID: VOAMS13.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/8260_09.m
Meth Date : 30-Mar-2011 10:34 desais Quant Type: ISTD
Cal Date : 03-MAR-2011 04:37 Cal File: p44665.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)	FINAL (ug/Kg)
$ 47 1,2-Dichloroethane-d4 (SUR)	65	2.769	2.769	(0.932)	98784	35.6928	3600
* 52 Fluorobenzene	96	2.970	2.970	(1.000)	524505	50.0000	
$ 65 Toluene-d8 (SUR)	98	4.374	4.374	(0.714)	376078	40.6354	4100
* 78 Chlorobenzene-d5	117	6.129	6.129	(1.000)	408513	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	7.390	7.389	(0.890)	189666	55.2124	5500
* 108 1,4-Dichlorobenzene-d4	152	8.299	8.299	(1.000)	243602	50.0000	

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45578.d
Report Date: 30-Mar-2011 12:44

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45578.d
Lab Smp Id: MB
Inj Date : 30-MAR-2011 12:07
Operator : Inst ID: VOAMS13.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/8260_09.m
Meth Date : 30-Mar-2011 10:34 desais Quant Type: ISTD
Cal Date : 03-MAR-2011 04:37 Cal File: p44665.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

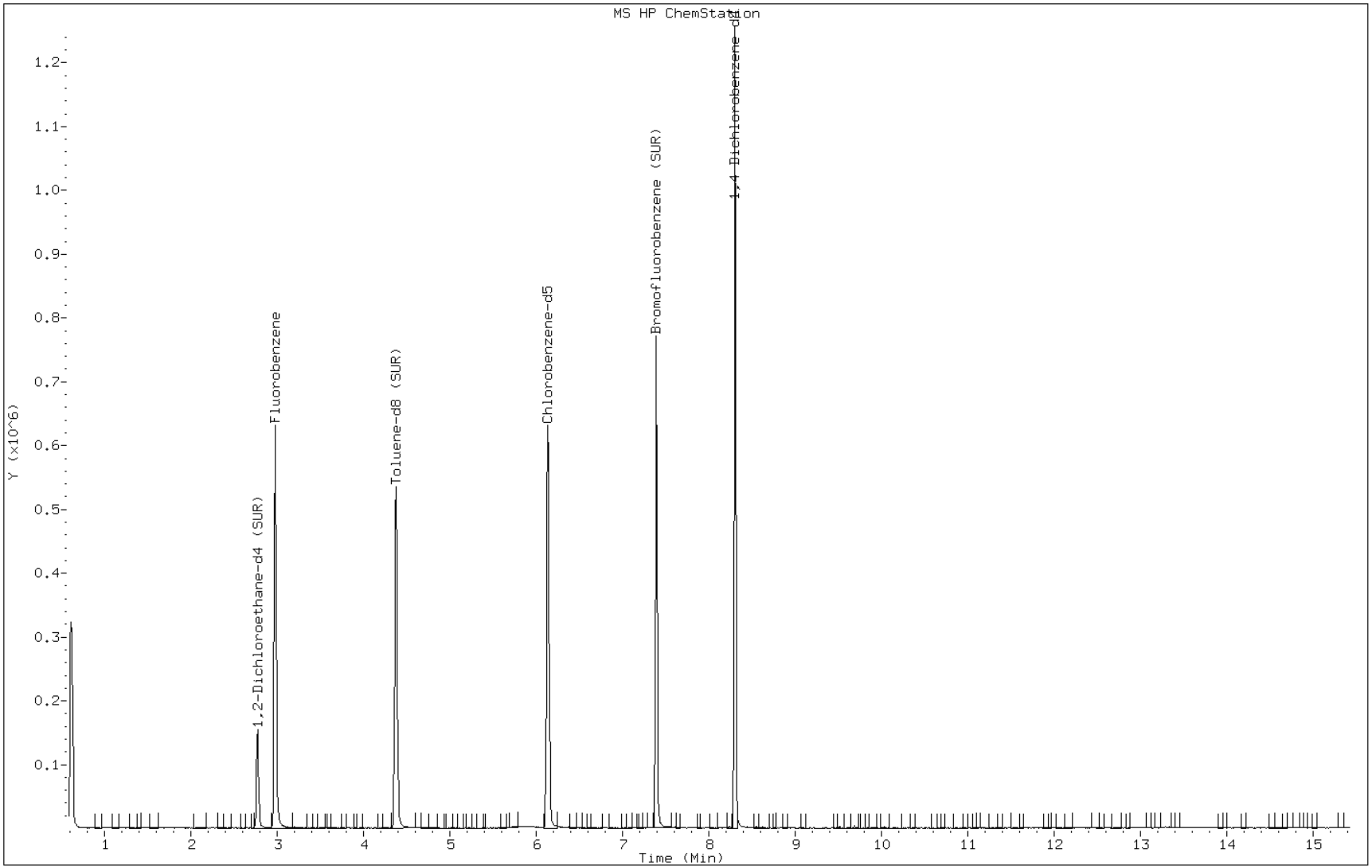
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: p45578.d

Date: 30-MAR-2011 12:07

Client ID: Instrument: VOAMS13.i

Sample Info: MB Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-69040/5

Matrix: Solid Lab File ID: o46796.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/31/2011 07:30

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.: 69040 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1.0	U	1.0	0.63
74-83-9	Bromomethane	1.0	U	1.0	0.41
75-01-4	Vinyl chloride	1.0	U	1.0	0.23
75-00-3	Chloroethane	1.0	U	1.0	0.40
75-09-2	Methylene Chloride	1.0	U	1.0	0.47
67-64-1	Acetone	10	U	10	3.7
75-15-0	Carbon disulfide	1.0	U	1.0	0.46
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.26
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.37
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.25
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.28
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.24
67-66-3	Chloroform	1.0	U	1.0	0.24
78-93-3	2-Butanone	10	U	10	0.57
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.39
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.19
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.10
71-43-2	Benzene	1.0	U	1.0	0.74
75-25-2	Bromoform	1.0	U	1.0	0.70
100-42-5	Styrene	1.0	U	1.0	0.35
100-41-4	Ethylbenzene	1.0	U	1.0	0.19
108-90-7	Chlorobenzene	1.0	U	1.0	0.48
110-82-7	Cyclohexane	1.0	U	1.0	0.22
98-82-8	Isopropylbenzene	1.0	U	1.0	0.26
591-78-6	2-Hexanone	10	U	10	1.7
1634-04-4	MTBE	1.0	U	1.0	0.34
76-13-1	Freon TF	1.0	U	1.0	0.48
79-20-9	Methyl acetate	1.0	U	1.0	0.90
123-91-1	1,4-Dioxane	50	U	50	4.2
79-01-6	Trichloroethene	1.0	U	1.0	0.36
108-88-3	Toluene	1.0	U	1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.22
108-10-1	4-Methyl-2-pentanone	10	U	10	0.72
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.20
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.64
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-69040/5

Matrix: Solid Lab File ID: o46796.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/31/2011 07:30

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.: 69040 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.65
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.32
108-87-2	Methylcyclohexane	1.0	U	1.0	0.27
127-18-4	Tetrachloroethene	1.0	U	1.0	0.33
1330-20-7	Xylenes, Total	3.0	U	3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.76
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.59
124-48-1	Dibromochloromethane	1.0	U	1.0	0.56
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.52
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.41
74-97-5	Bromochloromethane	1.0	U	1.0	0.27
75-27-4	Bromodichloromethane	1.0	U	1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-138
2037-26-5	Toluene-d8 (Surr)	108		66-126
460-00-4	Bromofluorobenzene	106		72-132

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-69040/5

Matrix: Solid Lab File ID: o46796.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/31/2011 07:30

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.: 69040 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_10/03-30-11/31mar11.b/o46796.d
Report Date: 31-Mar-2011 09:34

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/03-30-11/31mar11.b/o46796.d
Lab Smp Id: MB
Inj Date : 31-MAR-2011 07:30
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/03-30-11/31mar11.b/8260L_10.m
Meth Date : 31-Mar-2011 05:35 audberto Quant Type: ISTD
Cal Date : 30-MAR-2011 21:06 Cal File: o46772.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)
$ 16 1,2-Dichloroethane-d4 (SUR)	65	3.721	3.715	(0.920)	184880	50.0130	50
* 69 Fluorobenzene	96	4.044	4.038	(1.000)	1099253	50.0000	
$ 37 Toluene-d8 (SUR)	98	5.812	5.812	(0.749)	825919	54.0070	54
* 32 Chlorobenzene-d5	117	7.763	7.763	(1.000)	761889	50.0000	
$ 41 Bromofluorobenzene (SUR)	174	9.610	9.610	(0.837)	285032	52.9158	53
* 91 1,4-Dichlorobenzene-d4	152	11.475	11.476	(1.000)	403791	50.0000	

Data File: /chem/VOAMS12.i/8260L_10/03-30-11/31mar11.b/o46796.d
Report Date: 31-Mar-2011 09:34

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/03-30-11/31mar11.b/o46796.d
Lab Smp Id: MB
Inj Date : 31-MAR-2011 07:30
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/03-30-11/31mar11.b/8260L_10.m
Meth Date : 31-Mar-2011 05:35 audberto Quant Type: ISTD
Cal Date : 30-MAR-2011 21:06 Cal File: o46772.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

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: o46796.d

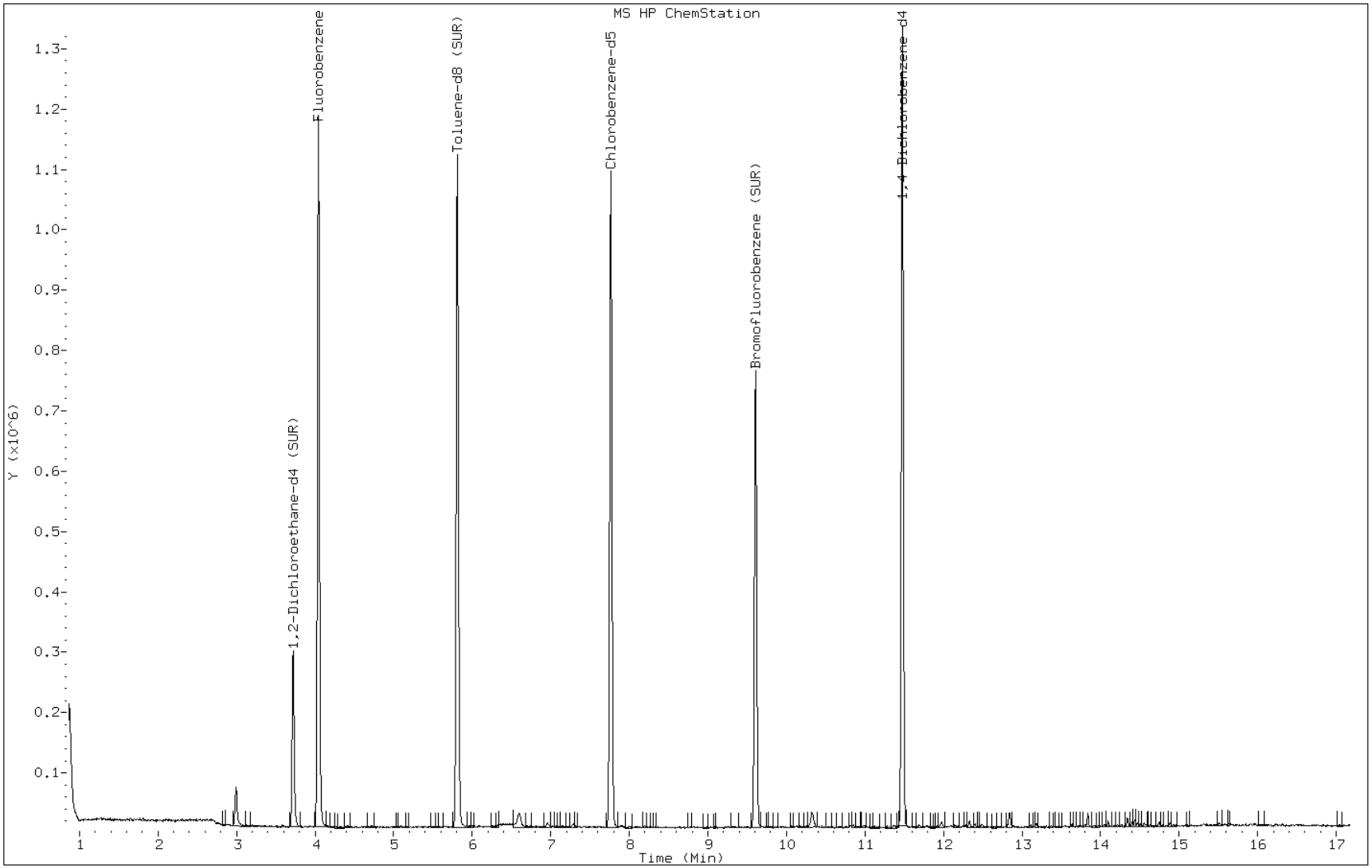
Date: 31-MAR-2011 07:30

Client ID:

Instrument: VOAMS12.i

Sample Info: MB

Operator: VOAMS 9



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-69082/4

Matrix: Solid Lab File ID: p45630.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/31/2011 13:33

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 69082 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	100	U	100	21
74-83-9	Bromomethane	100	U	100	31
75-01-4	Vinyl chloride	100	U	100	12
75-00-3	Chloroethane	100	U	100	45
75-09-2	Methylene Chloride	100	U	100	19
67-64-1	Acetone	1000	U	1000	250
75-15-0	Carbon disulfide	100	U	100	15
75-69-4	Trichlorofluoromethane	100	U	100	16
75-35-4	1,1-Dichloroethene	100	U	100	14
75-34-3	1,1-Dichloroethane	100	U	100	10
156-60-5	trans-1,2-Dichloroethene	100	U	100	14
156-59-2	cis-1,2-Dichloroethene	100	U	100	19
67-66-3	Chloroform	100	U	100	16
78-93-3	2-Butanone	1000	U	1000	82
107-06-2	1,2-Dichloroethane	100	U	100	25
71-55-6	1,1,1-Trichloroethane	100	U	100	25
56-23-5	Carbon tetrachloride	100	U	100	18
71-43-2	Benzene	100	U	100	12
75-25-2	Bromoform	100	U	100	9.9
100-42-5	Styrene	100	U	100	14
100-41-4	Ethylbenzene	100	U	100	25
108-90-7	Chlorobenzene	100	U	100	17
110-82-7	Cyclohexane	100	U	100	12
98-82-8	Isopropylbenzene	100	U	100	21
591-78-6	2-Hexanone	1000	U	1000	55
1634-04-4	MTBE	100	U	100	19
76-13-1	Freon TF	100	U	100	29
79-20-9	Methyl acetate	200	U	200	33
123-91-1	1,4-Dioxane	5000	U	5000	850
79-01-6	Trichloroethene	100	U	100	18
108-88-3	Toluene	100	U	100	9.5
10061-02-6	trans-1,3-Dichloropropene	100	U	100	12
108-10-1	4-Methyl-2-pentanone	1000	U	1000	68
10061-01-5	cis-1,3-Dichloropropene	100	U	100	10
95-50-1	1,2-Dichlorobenzene	100	U	100	16
541-73-1	1,3-Dichlorobenzene	100	U	100	23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-69082/4

Matrix: Solid | Lab File ID: p45630.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/31/2011 13:33

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 69082 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	100	U	100	15
120-82-1	1,2,4-Trichlorobenzene	100	U	100	44
87-61-6	1,2,3-Trichlorobenzene	100	U	100	83
78-87-5	1,2-Dichloropropane	100	U	100	8.7
108-87-2	Methylcyclohexane	100	U	100	8.0
127-18-4	Tetrachloroethene	100	U	100	20
1330-20-7	Xylenes, Total	300	U	300	43
96-12-8	1,2-Dibromo-3-Chloropropane	100	U	100	15
79-34-5	1,1,2,2-Tetrachloroethane	100	U	100	8.6
79-00-5	1,1,2-Trichloroethane	100	U	100	9.7
124-48-1	Dibromochloromethane	100	U	100	10
106-93-4	1,2-Dibromoethane	100	U	100	9.1
75-71-8	Dichlorodifluoromethane	100	U	100	28
74-97-5	Bromochloromethane	100	U	100	17
75-27-4	Bromodichloromethane	100	U	100	9.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		57-135
2037-26-5	Toluene-d8 (Surr)	93		46-130
460-00-4	Bromofluorobenzene	96		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-69082/4

Matrix: Solid | Lab File ID: p45630.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/31/2011 13:33

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 69082 | 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/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45630.d
Report Date: 31-Mar-2011 13:52

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45630.d
Lab Smp Id: MB
Inj Date : 31-MAR-2011 13:33
Operator : Inst ID: VOAMS13.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/8260_09.m
Meth Date : 31-Mar-2011 12:56 desais Quant Type: ISTD
Cal Date : 03-MAR-2011 04:37 Cal File: p44665.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	2.769	2.769	(0.930)	152972	42.8700	4300
* 52 Fluorobenzene	96	2.977	2.970	(1.000)	676242	50.0000	
$ 65 Toluene-d8 (SUR)	98	4.374	4.374	(0.714)	550938	46.6726	4700
* 78 Chlorobenzene-d5	117	6.129	6.129	(1.000)	521042	50.0000	
$ 89 Bromofluorobenzene (SUR)	174	7.390	7.390	(0.890)	207491	48.1948	4800
* 108 1,4-Dichlorobenzene-d4	152	8.299	8.299	(1.000)	305300	50.0000	

Data File: /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45630.d
Report Date: 31-Mar-2011 13:52

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45630.d
Lab Smp Id: MB
Inj Date : 31-MAR-2011 13:33
Operator : Inst ID: VOAMS13.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/8260_09.m
Meth Date : 31-Mar-2011 12:56 desais Quant Type: ISTD
Cal Date : 03-MAR-2011 04:37 Cal File: p44665.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

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: p45630.d

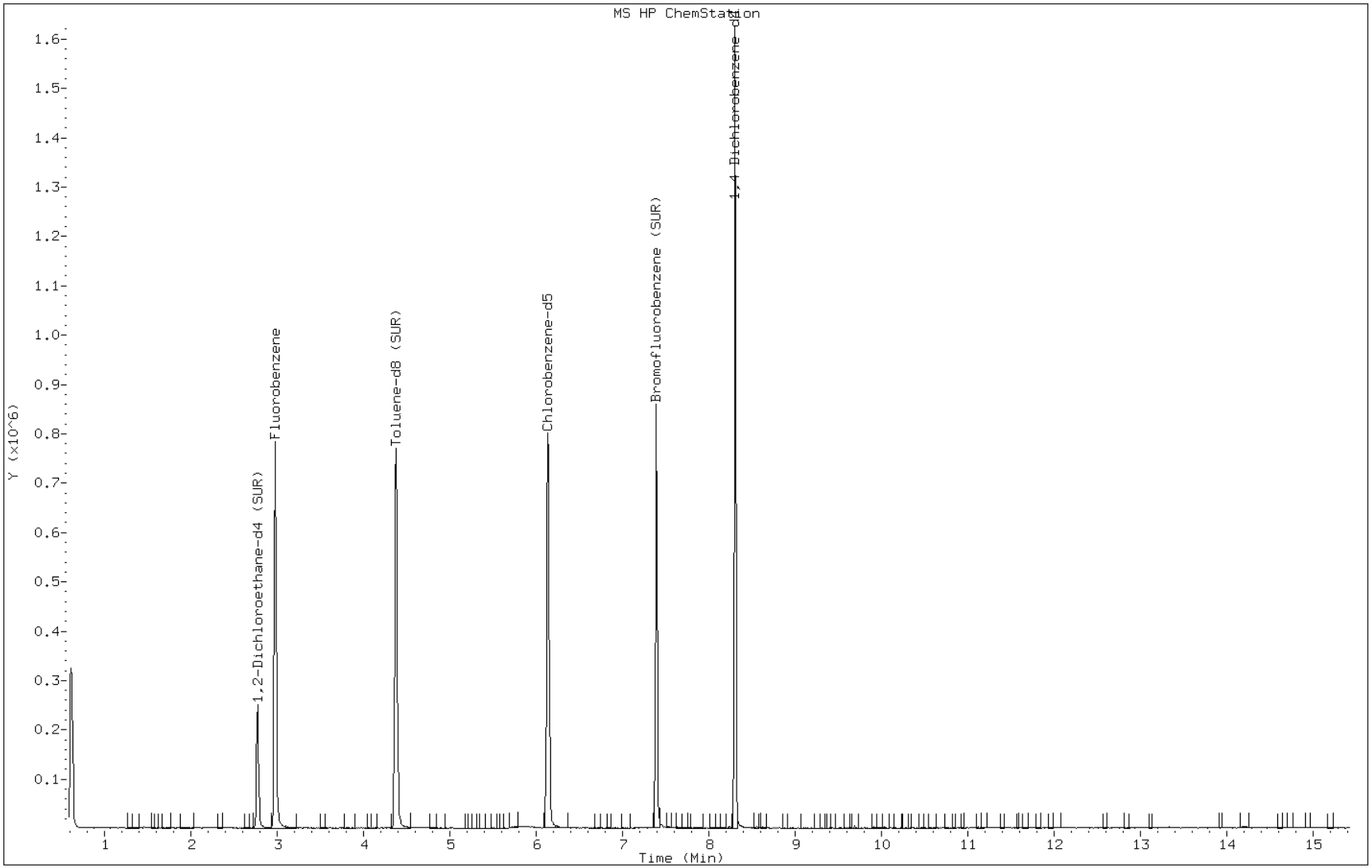
Date: 31-MAR-2011 13:33

Client ID:

Instrument: VOAMS13.i

Sample Info: MB

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-68728/3

Matrix: Solid | Lab File ID: o46699.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/28/2011 18:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	17.5		1.0	0.63
74-83-9	Bromomethane	23.4		1.0	0.41
75-01-4	Vinyl chloride	18.0		1.0	0.23
75-00-3	Chloroethane	21.7		1.0	0.40
75-09-2	Methylene Chloride	19.6		1.0	0.47
67-64-1	Acetone	26.8		10	3.7
75-15-0	Carbon disulfide	17.4		1.0	0.46
75-69-4	Trichlorofluoromethane	17.3		1.0	0.26
75-35-4	1,1-Dichloroethene	18.9		1.0	0.37
75-34-3	1,1-Dichloroethane	18.7		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	18.9		1.0	0.28
156-59-2	cis-1,2-Dichloroethene	19.1		1.0	0.24
67-66-3	Chloroform	19.2		1.0	0.24
78-93-3	2-Butanone	22.1		10	0.57
107-06-2	1,2-Dichloroethane	19.2		1.0	0.39
71-55-6	1,1,1-Trichloroethane	18.2		1.0	0.19
56-23-5	Carbon tetrachloride	18.4		1.0	0.10
71-43-2	Benzene	18.9		1.0	0.74
75-25-2	Bromoform	17.1		1.0	0.70
100-42-5	Styrene	18.9		1.0	0.35
100-41-4	Ethylbenzene	18.9		1.0	0.19
108-90-7	Chlorobenzene	19.2		1.0	0.48
110-82-7	Cyclohexane	16.1		1.0	0.22
98-82-8	Isopropylbenzene	20.6		1.0	0.26
591-78-6	2-Hexanone	21.3		10	1.7
1634-04-4	MTBE	20.4		1.0	0.34
76-13-1	Freon TF	19.7		1.0	0.48
79-20-9	Methyl acetate	20.9		1.0	0.90
123-91-1	1,4-Dioxane	170		50	4.2
79-01-6	Trichloroethene	18.6		1.0	0.36
108-88-3	Toluene	18.3		1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	18.6		1.0	0.22
108-10-1	4-Methyl-2-pentanone	21.9		10	0.72
10061-01-5	cis-1,3-Dichloropropene	18.9		1.0	0.20
95-50-1	1,2-Dichlorobenzene	19.2		1.0	0.64
541-73-1	1,3-Dichlorobenzene	18.9		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-68728/3

Matrix: Solid | Lab File ID: o46699.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/28/2011 18:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 68728 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	19.3		1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	20.4		1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	19.9		1.0	0.65
78-87-5	1,2-Dichloropropane	19.4		1.0	0.32
108-87-2	Methylcyclohexane	16.2		1.0	0.27
127-18-4	Tetrachloroethene	19.6		1.0	0.33
1330-20-7	Xylenes, Total	56.5		3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	18.5		1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	17.7		1.0	0.76
79-00-5	1,1,2-Trichloroethane	19.6		1.0	0.59
124-48-1	Dibromochloromethane	19.9		1.0	0.56
106-93-4	1,2-Dibromoethane	19.9		1.0	0.52
75-71-8	Dichlorodifluoromethane	16.5		1.0	0.41
74-97-5	Bromochloromethane	20.0		1.0	0.27
75-27-4	Bromodichloromethane	19.6		1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		70-138
2037-26-5	Toluene-d8 (Surr)	90		66-126
460-00-4	Bromofluorobenzene	96		72-132

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46699.d
Report Date: 28-Mar-2011 19:18

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46699.d
Lab Smp Id: LCS
Inj Date : 28-MAR-2011 18:34
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 4 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				224779	37.9918	38
90 Dichlorodifluoromethane	85	0.929	0.929	(0.230)	96704	16.4696	16
1 Chloromethane	50	1.069	1.063	(0.265)	110383	17.5144	18
4 Vinyl Chloride	62	1.087	1.087	(0.269)	108554	18.0155	18
3 Bromomethane	94	1.264	1.270	(0.313)	78872	23.3754	23
5 Chloroethane	64	1.325	1.325	(0.328)	90133	21.6530	22
9 Trichlorofluoromethane	101	1.465	1.465	(0.363)	162961	17.2901	17
121 n-Pentane	72	1.514	1.514	(0.375)	19446	19.5870	20
127 Ethanol	46	1.593	1.593	(0.395)	61129	3116.46	3100
46 Ethyl Ether	59	1.642	1.642	(0.407)	71142	20.8960	21
119 Isoprene	67	1.648	1.648	(0.408)	138086	19.7051	20
47 Acrolein	56	1.715	1.715	(0.425)	31958	109.357	110
10 1,1-Dichloroethene	96	1.770	1.776	(0.438)	86793	18.8848	19
48 Freon TF	101	1.776	1.776	(0.440)	100336	19.7068	20

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46699.d
Report Date: 28-Mar-2011 19:18

		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
	7 Acetone	43	1.813	1.813	(0.449)	21750	26.7966	27
	142 Iodomethane	142	1.868	1.868	(0.463)	119520	19.6590	20
	8 Carbon Disulfide	76	1.904	1.904	(0.472)	249071	17.4086	17
	50 Acetonitrile	41	1.990	1.996	(0.493)	174185	529.215	530
	125 Methyl acetate	74	2.020	2.020	(0.500)	20418	20.9239	21
	6 Methylene Chloride	84	2.081	2.081	(0.515)	104920	19.5796	20
	51 TBA	59	2.173	2.173	(0.538)	164775	462.160	460
	52 Acrylonitrile	53	2.246	2.252	(0.556)	194676	160.893	160
	12 trans-1,2-Dichloroethene	96	2.264	2.264	(0.561)	104950	18.9004	19
	53 MTBE	73	2.270	2.270	(0.562)	249604	20.3946	20
	49 Isopropanol	45	1.910	1.910	(0.473)	724420	3376.48	3400
	54 Hexane	56	2.453	2.459	(0.607)	65767	15.0477	15
	11 1,1-Dichloroethane	63	2.563	2.563	(0.635)	162920	18.6732	19
	57 Vinyl Acetate	43	2.618	2.624	(0.648)	203572	21.0735	21
	55 DIPE	45	2.624	2.624	(0.650)	277232	21.2604	21
	149 tert-Butyl ethyl ether	59	2.904	2.904	(0.719)	273124	19.9278	20
	104 2,2-Dichloropropane	77	3.008	3.008	(0.745)	154270	18.0083	18
	13 cis-1,2-Dichloroethene	96	3.008	3.008	(0.745)	119829	19.0914	19
	18 2-Butanone	72	3.032	3.032	(0.751)	10796	22.0796	22
	56 Ethyl Acetate	70	3.093	3.093	(0.766)	15219	40.0798	40
	108 Bromochloromethane	128	3.203	3.209	(0.793)	56577	20.0429	20
	15 Chloroform	83	3.282	3.282	(0.813)	181174	19.1786	19
	20 1,1,1-Trichloroethane	97	3.428	3.428	(0.849)	159670	18.2061	18
	59 Cyclohexane	56	3.471	3.477	(0.860)	148654	16.0766	16
	21 Carbon Tetrachloride	117	3.575	3.575	(0.885)	133678	18.4409	18
	92 1,1-Dichloropropene	75	3.581	3.581	(0.887)	140424	18.0037	18
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.715	3.715	(0.920)	162535	46.6461	47
	28 Benzene	78	3.764	3.770	(0.932)	417266	18.9085	19
	17 1,2-Dichloroethane	62	3.788	3.788	(0.938)	116093	19.2421	19
	61 Isopropyl Acetate	43	3.880	3.880	(0.961)	307348	41.7457	42
	140 tert-Amylmethyl Ether	73	3.898	3.898	(0.965)	256630	20.9205	21
*	69 Fluorobenzene	96	4.038	4.038	(1.000)	947648	50.0000	
	156 2,4,4-Trimethyl-1-pentene	112	4.373	4.373	(1.083)	42500	16.9824	17
	25 Trichloroethene	95	4.410	4.410	(1.092)	111706	18.6460	19
	63 n-Butanol	43	4.404	4.410	(1.091)	75577	1645.71	1600
	96 Ethyl Acrylate	55	4.574	4.575	(1.133)	80709	16.8804	17
	126 Methyl cyclohexane	83	4.605	4.605	(1.140)	187461	16.1648	16
	23 1,2-Dichloropropane	63	4.642	4.648	(1.149)	94440	19.4025	19
	109 Dibromomethane	93	4.770	4.770	(1.181)	55027	20.2338	20
	95 1,4-Dioxane	88	4.824	4.812	(1.195)	8953	170.391	170
	146 Methyl methacrylate	69	4.818	4.818	(1.193)	53621	21.8732	22
	64 Propyl Acetate	43	4.904	4.904	(1.214)	180578	45.3302	45
	22 Bromodichloromethane	83	4.959	4.965	(1.228)	124666	19.5672	20
	30 2-Chloroethyl Vinyl Ether	63	5.355	5.349	(1.326)	5531	7.65193	7.6(R)
	118 Epichlorohydrin	57	5.397	5.398	(1.337)	133503	437.278	440
	24 cis-1,3-Dichloropropene	75	5.495	5.495	(1.361)	144972	18.8909	19
	33 4-Methyl-2-Pentanone	43	5.715	5.715	(1.415)	56741	21.8699	22

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46699.d
Report Date: 28-Mar-2011 19:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
$	37 Toluene-d8 (SUR)	98	5.812	5.812	(0.749)	700804	45.0717	45
	38 Toluene	91	5.891	5.891	(0.759)	483900	18.3438	18
	29 trans-1,3-Dichloropropene	75	6.208	6.208	(0.800)	124856	18.5842	18
	27 1,1,2-Trichloroethane	83	6.440	6.440	(0.830)	63522	19.6164	20
	35 Tetrachloroethene	166	6.592	6.599	(0.849)	141020	19.5773	20
	103 1,3-Dichloropropane	76	6.653	6.653	(0.857)	128851	18.5423	18
	34 2-Hexanone	43	6.830	6.830	(0.880)	38333	21.3331	21
	26 Dibromochloromethane	129	6.952	6.952	(0.896)	92087	19.8886	20
	65 Butyl Acetate	43	7.050	7.056	(0.908)	189328	43.7234	44
	66 1,2-Dibromoethane	107	7.074	7.074	(0.911)	80037	19.8598	20
*	32 Chlorobenzene-d5	117	7.763	7.763	(1.000)	675105	50.0000	
	39 Chlorobenzene	112	7.799	7.800	(1.005)	318203	19.1618	19
	97 1,1,1,2-Tetrachloroethane	131	7.946	7.952	(1.024)	102219	19.0591	19
	40 Ethylbenzene	106	8.007	8.007	(1.031)	168733	18.8614	19
	43 m+p-Xylene	106	8.190	8.196	(1.055)	424881	37.8395	38
	44 o-Xylene	106	8.787	8.787	(1.132)	202585	18.6650	19
	42 Styrene	104	8.818	8.818	(1.136)	331308	18.8859	19
	147 Butyl Acrylate	55	8.872	8.872	(0.773)	130416	15.5912	16
	31 Bromoform	173	9.055	9.055	(1.166)	56364	17.0838	17
	110 Isopropylbenzene	105	9.403	9.403	(1.211)	544225	20.5794	20
$	41 Bromofluorobenzene (SUR)	174	9.610	9.610	(0.837)	269026	48.1565	48
	150 Camphene	41	9.756	9.756	(0.850)	44436	17.6501	18
	107 Bromobenzene	156	9.799	9.799	(0.854)	139366	18.5726	18
	36 1,1,2,2-Tetrachloroethane	83	9.927	9.927	(0.865)	92693	17.6858	18
	99 1,2,3-Trichloropropane	110	9.945	9.945	(0.867)	30886	19.6021	20
	143 trans-1,4-Dichloro-2-butene	53	10.019	10.025	(2.481)	22514	18.5433	18
	112 n-Propylbenzene	91	10.073	10.073	(0.878)	623791	17.8272	18
	105 2-Chlorotoluene	91	10.153	10.153	(0.885)	361982	17.4683	17
	106 4-Chlorotoluene	91	10.342	10.342	(0.901)	377820	17.2407	17
	102 1,3,5-Trimethylbenzene	105	10.390	10.390	(0.905)	455287	17.7180	18
	148 Butyl methacrylate	69	10.677	10.677	(0.930)	121634	14.2567	14(R)
	115 tert-Butylbenzene	119	10.915	10.915	(0.951)	421371	18.1552	18
	100 1,2,4-Trimethylbenzene	105	11.000	11.000	(0.959)	468038	17.8649	18
	114 sec-Butylbenzene	105	11.274	11.274	(0.982)	608547	17.9359	18
	67 1,3-Dichlorobenzene	146	11.366	11.366	(0.990)	289032	18.8886	19
*	91 1,4-Dichlorobenzene-d4	152	11.476	11.476	(1.000)	375226	50.0000	
	68 1,4-Dichlorobenzene	146	11.506	11.506	(1.003)	287447	19.2969	19
	113 p-Isopropyltoluene	119	11.518	11.518	(1.004)	537148	18.3586	18
	69 1,2-Dichlorobenzene	146	11.982	11.982	(1.044)	263642	19.2373	19
	117 Benzyl chloride	91	11.719	11.720	(1.021)	174140	14.7204	15
	111 n-Butylbenzene	91	12.049	12.049	(1.050)	470118	18.0657	18
	101 1,2-Dibromo-3-chloropropane	75	12.866	12.866	(1.121)	16644	18.4776	18
	152 Camphor	95	13.548	13.548	(1.181)	55487	113.208	110
	93 1,2,4-Trichlorobenzene	180	13.640	13.640	(1.189)	228569	20.4438	20
	94 Hexachlorobutadiene	225	13.810	13.811	(1.203)	119582	19.4717	19
	70 Naphthalene	128	13.841	13.841	(1.206)	431463	21.7055	22
	98 1,2,3-Trichlorobenzene	180	14.042	14.048	(1.224)	200193	19.9371	20

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46699.d
Report Date: 28-Mar-2011 19:18

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M 45 Xylene (Total)	100				627466	56.5102	56

QC Flag Legend

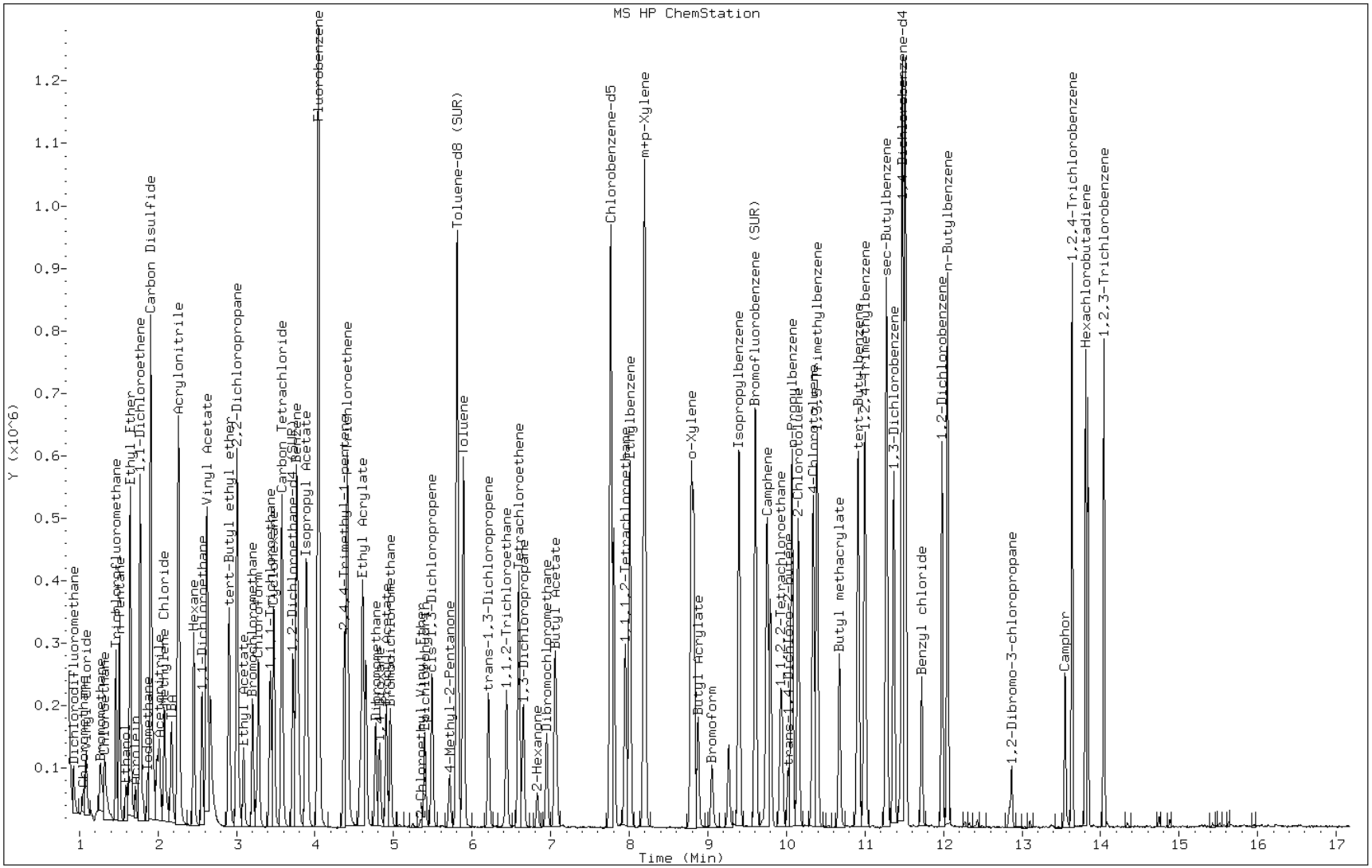
R - Spike/Surrogate failed recovery limits.

Data File: o46699.d

Date: 28-MAR-2011 18:34

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.: 460-24280-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-68934/3

Matrix: Solid Lab File ID: p45575.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/30/2011 10:38

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 68934 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1720		100	21
74-83-9	Bromomethane	1840		100	31
75-01-4	Vinyl chloride	1690		100	12
75-00-3	Chloroethane	1900		100	45
75-09-2	Methylene Chloride	2060		100	19
67-64-1	Acetone	2410		1000	250
75-15-0	Carbon disulfide	1670		100	15
75-69-4	Trichlorofluoromethane	1120		100	16
75-35-4	1,1-Dichloroethene	2130		100	14
75-34-3	1,1-Dichloroethane	2020		100	10
156-60-5	trans-1,2-Dichloroethene	2180		100	14
156-59-2	cis-1,2-Dichloroethene	2090		100	19
67-66-3	Chloroform	2100		100	16
78-93-3	2-Butanone	1540		1000	82
107-06-2	1,2-Dichloroethane	1940		100	25
71-55-6	1,1,1-Trichloroethane	2130		100	25
56-23-5	Carbon tetrachloride	2220		100	18
71-43-2	Benzene	2040		100	12
75-25-2	Bromoform	2120		100	9.9
100-42-5	Styrene	1870		100	14
100-41-4	Ethylbenzene	2080		100	25
108-90-7	Chlorobenzene	2080		100	17
110-82-7	Cyclohexane	1840		100	12
98-82-8	Isopropylbenzene	2300		100	21
591-78-6	2-Hexanone	1970		1000	55
1634-04-4	MTBE	2030		100	19
76-13-1	Freon TF	2020		100	29
79-20-9	Methyl acetate	1660		200	33
123-91-1	1,4-Dioxane	13400		5000	850
79-01-6	Trichloroethene	2020		100	18
108-88-3	Toluene	2020		100	9.5
10061-02-6	trans-1,3-Dichloropropene	1950		100	12
108-10-1	4-Methyl-2-pentanone	1530		1000	68
10061-01-5	cis-1,3-Dichloropropene	1830		100	10
95-50-1	1,2-Dichlorobenzene	2120		100	16
541-73-1	1,3-Dichlorobenzene	2080		100	23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-68934/3

Matrix: Solid Lab File ID: p45575.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/30/2011 10:38

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 68934 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	2070		100	15
120-82-1	1,2,4-Trichlorobenzene	2130		100	44
87-61-6	1,2,3-Trichlorobenzene	2300		100	83
78-87-5	1,2-Dichloropropane	1950		100	8.7
108-87-2	Methylcyclohexane	2030		100	8.0
127-18-4	Tetrachloroethene	2230		100	20
1330-20-7	Xylenes, Total	6040		300	43
96-12-8	1,2-Dibromo-3-Chloropropane	1850		100	15
79-34-5	1,1,2,2-Tetrachloroethane	1820		100	8.6
79-00-5	1,1,2-Trichloroethane	1960		100	9.7
124-48-1	Dibromochloromethane	2030		100	10
106-93-4	1,2-Dibromoethane	2020		100	9.1
75-71-8	Dichlorodifluoromethane	1110		100	28
74-97-5	Bromochloromethane	2270		100	17
75-27-4	Bromodichloromethane	2040		100	9.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	79		57-135
2037-26-5	Toluene-d8 (Surr)	91		46-130
460-00-4	Bromofluorobenzene	120		50-124

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45575.d
Report Date: 30-Mar-2011 16:38

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45575.d
Lab Smp Id: LCS
Inj Date : 30-MAR-2011 10:38
Operator : Inst ID: VOAMS13.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/8260_09.m
Meth Date : 30-Mar-2011 10:34 desais Quant Type: ISTD
Cal Date : 03-MAR-2011 04:37 Cal File: p44665.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	0.678	0.671	(0.228)	23559	11.0521	1100
3 Chloromethane	50	0.756	0.756	(0.255)	54365	17.2193	1700
4 Vinyl Chloride	62	0.778	0.778	(0.262)	48265	16.9384	1700
6 Bromomethane	94	0.892	0.893	(0.301)	33754	18.3771	1800
5 Chloroethane	64	0.935	0.936	(0.315)	39126	18.9618	1900
7 Trichlorofluoromethane	101	0.986	0.979	(0.332)	52934	11.2356	1100(R)
8 n-Pentane	72	0.986	0.971	(0.332)	7179	15.5325	1600
9 Ethanol	46	1.193	1.201	(0.402)	32301	2403.93	240000
10 Isoprene	67	1.107	1.100	(0.373)	60634	18.9757	1900
11 Ethyl Ether	59	1.115	1.115	(0.375)	39895	20.0161	2000
13 Acrolein	56	1.344	1.344	(0.452)	5978	19.7708	2000
15 1,1-Dichloroethene	96	1.193	1.186	(0.402)	34744	21.2515	2100
14 Freon TF	101	1.215	1.208	(0.409)	40387	20.2146	2000
16 Acetone	58	1.487	1.480	(0.501)	4607	24.1190	2400

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45575.d
Report Date: 30-Mar-2011 16:38

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	18 Carbon Disulfide	76	1.208	1.201	(0.407)	112580	16.7007	1700
	19 Isopropanol	45	1.437	1.437	(0.484)	391281	2506.22	250000
	21 Acetonitrile	39	1.716	1.716	(0.578)	17180	325.299	32000
	27 Methyl Acetate	74	1.537	1.537	(0.518)	8766	16.6149	1700
	22 Methylene Chloride	84	1.458	1.451	(0.491)	49128	20.5504	2000
	24 TBA	59	1.652	1.652	(0.556)	78204	347.542	35000
	25 trans-1,2-Dichloroethene	96	1.523	1.523	(0.513)	44570	21.8155	2200
	26 Acrylonitrile	53	1.867	1.874	(0.629)	21811	26.5477	2600
	28 MTBE	73	1.580	1.580	(0.532)	133075	20.2634	2000
	29 Hexane	56	1.559	1.552	(0.525)	30434	17.2603	1700
	30 1,1-Dichloroethane	63	1.831	1.831	(0.616)	85528	20.2330	2000
	31 Vinyl Acetate	43	1.981	1.981	(0.667)	65244	17.9271	1800
	32 DIPE	45	1.774	1.774	(0.597)	149987	17.9208	1800
	35 t-Butyl-ethyl-ether	59	1.974	1.974	(0.665)	144030	19.4196	1900
	37 2,2-Dichloropropane	77	2.189	2.189	(0.737)	66907	19.3212	1900
	36 cis-1,2-Dichloroethene	96	2.132	2.132	(0.718)	52505	20.9056	2100
	38 2-Butanone	43	2.511	2.519	(0.846)	16674	15.3546	1500
	39 Ethyl Acetate	70	2.404	2.404	(0.809)	8668	37.2731	3700
	40 Bromochloromethane	128	2.246	2.246	(0.756)	25783	22.6962	2300
	41 Tetrahydrofuran	42	2.404	2.404	(0.809)	16763	17.5044	1800
	42 Chloroform	83	2.304	2.304	(0.776)	85098	20.9593	2100
	43 1,1,1-Trichloroethane	97	2.418	2.411	(0.814)	75315	21.2698	2100
	44 Cyclohexane	56	2.232	2.232	(0.752)	72767	18.3665	1800
	45 Carbon Tetrachloride	117	2.368	2.368	(0.797)	63402	22.1757	2200
	46 1,1-Dichloropropene	75	2.497	2.497	(0.841)	62088	19.3873	1900
$	47 1,2-Dichloroethane-d4 (SUR)	65	2.769	2.769	(0.932)	106187	39.4807	3900
	48 Benzene	78	2.662	2.662	(0.434)	188331	20.3843	2000
	49 1,2-Dichloroethane	62	2.812	2.812	(0.947)	60752	19.4381	1900
	51 n-Heptane	57	2.655	2.655	(0.894)	22550	19.0015	1900
	72 t-Amyl-methyl-ether	73	2.776	2.776	(0.935)	120746	19.6790	2000
	61 Isopropyl Acetate	43	3.056	3.056	(1.029)	139783	34.2029	3400
*	52 Fluorobenzene	96	2.970	2.970	(1.000)	509717	50.0000	
	54 Trichloroethene	95	3.099	3.099	(1.043)	46718	20.1717	2000
	53 n-Butanol	56	3.485	3.493	(1.174)	75982	1235.68	120000
	56 Methyl cyclohexane	83	3.077	3.077	(1.036)	66146	20.3390	2000
	55 Ethyl Acrylate	55	3.614	3.615	(1.217)	47959	17.6748	1800
	57 1,2-Dichloropropane	63	3.521	3.521	(1.186)	49742	19.5197	2000
	58 Dibromomethane	93	3.435	3.435	(1.157)	27138	20.2177	2000
	60 1,4-Dioxane	88	3.815	3.815	(1.285)	3544	133.930	13000
	59 Methyl Methacrylate	100	3.793	3.794	(1.277)	9882	20.1030	2000
	75 Propyl Acetate	43	3.951	3.951	(1.330)	101149	33.8775	3400
	68 Bromodichloromethane	83	3.600	3.600	(1.212)	62398	20.4138	2000
	62 2-Chloroethyl Vinyl Ether	63	4.180	4.180	(1.408)	23996	17.3877	1700
	63 Epichlorohydrin	57	4.467	4.474	(0.729)	71981	326.001	33000
	67 cis-1,3-Dichloropropene	75	4.195	4.195	(0.684)	71195	18.2668	1800
	70 4-Methyl-2-Pentanone	43	4.897	4.897	(0.799)	31721	15.3347	1500
$	65 Toluene-d8 (SUR)	98	4.374	4.374	(0.714)	394255	45.3250	4500

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45575.d
Report Date: 30-Mar-2011 16:38

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	66 Toluene	91	4.424	4.424	(0.722)	214995	20.1519	2000
	64 trans-1,3-Dichloropropene	75	4.904	4.904	(0.800)	69073	19.4941	1900
	69 1,1,2-Trichloroethane	83	5.069	5.069	(0.827)	33206	19.6017	2000
	71 Tetrachloroethene	166	4.811	4.811	(0.785)	54239	22.3063	2200
	72 1,3-Dichloropropane	76	5.362	5.362	(0.875)	68008	18.3815	1800
	73 2-Hexanone	100	5.907	5.907	(0.964)	2770	19.6901	2000
	74 Dibromochloromethane	129	5.248	5.241	(0.856)	46551	20.3018	2000
	76 Butyl Acetate	73	5.856	5.857	(0.956)	19891	35.7409	3600
	77 1,2-Dibromoethane	107	5.470	5.463	(0.892)	39200	20.1558	2000
*	78 Chlorobenzene-d5	117	6.129	6.129	(1.000)	383947	50.0000	
	79 Chlorobenzene	112	6.150	6.150	(1.004)	138875	20.7755	2100
	80 1,1,1,2-Tetrachloroethane	131	6.258	6.251	(1.021)	46805	20.1102	2000
	81 Ethylbenzene	106	6.236	6.236	(1.018)	73301	20.8078	2100
	82 m+p-Xylene	106	6.415	6.415	(1.047)	180048	39.9346	4000
	84 o-Xylene	106	6.845	6.845	(1.117)	86527	20.5010	2000
	85 Styrene	104	6.909	6.910	(1.127)	151253	18.6793	1900
	83 Butyl Acrylate	73	7.139	7.139	(1.165)	29521	16.2782	1600
	86 Bromoform	173	6.888	6.888	(1.124)	32712	21.1510	2100
	88 Isopropylbenzene	105	7.167	7.167	(1.169)	230987	23.0351	2300
$	89 Bromofluorobenzene (SUR)	174	7.389	7.389	(0.890)	199690	60.1517	6000
	90 Camphene (total)	93	7.225	7.225	(1.179)	65975	26.3625	2600
	91 Bromobenzene	156	7.447	7.447	(0.897)	66811	21.1530	2100
	92 1,1,2,2-Tetrachloroethane	83	7.626	7.626	(0.919)	52388	18.2354	1800
	93 1,2,3-Trichloropropane	110	7.697	7.697	(0.927)	14702	18.2949	1800
	94 trans-1,4-Dichloro-2-butene	53	7.762	7.762	(0.935)	15692	16.0126	1600
	95 n-Propylbenzene	91	7.533	7.533	(0.908)	268541	19.3252	1900
	96 2-Chlorotoluene	91	7.626	7.626	(0.919)	166618	19.2317	1900
	97 1,3,5-Trimethylbenzene	105	7.726	7.726	(0.931)	192044	19.8650	2000
	98 4-Chlorotoluene	91	7.776	7.776	(0.937)	177575	19.5889	2000
	99 Butyl Methacrylate	87	8.027	8.027	(0.967)	59520	14.2863	1400
	100 tert-Butylbenzene	119	7.962	7.962	(0.959)	164154	21.1154	2100
	101 1,2,4-Trimethylbenzene	105	8.027	8.027	(0.967)	202063	19.5705	2000
	102 2-Octanone	43	8.464	8.471	(1.020)	65596	17.1615	1700
	103 sec-Butylbenzene	105	8.106	8.106	(0.977)	233267	20.5542	2000
	104 2-Octanol	45	8.378	8.371	(1.009)	10894	12.2480	1200(R)
	105 1,3-Dichlorobenzene	146	8.235	8.235	(0.992)	127007	20.7913	2100
	107 p-Isopropyltoluene	119	8.235	8.235	(0.992)	206149	17.6089	1800
*	108 1,4-Dichlorobenzene-d4	152	8.299	8.299	(1.000)	235416	50.0000	
	109 1,4-Dichlorobenzene	146	8.313	8.306	(1.002)	130164	20.6540	2100
	110 Benzyl Chloride	91	8.514	8.514	(1.026)	99384	18.1747	1800
	106 n-Butylbenzene	91	8.550	8.550	(1.030)	183957	19.9782	2000
	111 1,2-Dichlorobenzene	146	8.614	8.614	(1.038)	122227	21.1686	2100
	112 1,2-Dibromo-3-chloropropane	75	9.209	9.209	(1.110)	10111	18.5202	1800
	113 Camphor	95	9.882	9.882	(1.191)	21440	79.1271	7900
	114 1,2,4-Trichlorobenzene	180	9.689	9.689	(1.167)	82747	21.3375	2100
	115 Hexachlorobutadiene	225	9.689	9.689	(1.167)	31861	20.8526	2100
	116 Naphthalene	128	9.904	9.904	(1.193)	179305	21.5905	2200

Data File: /chem/VOAMS13.i/8260_09/03-03-11/30mar11.b/p45575.d
Report Date: 30-Mar-2011 16:38

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
117 1,2,3-Trichlorobenzene	180	10.033	10.033	(1.209)	75131	22.9887	2300
M 120 1,2-Dichloroethene (Total)	100				97075	42.6275	4300
M 121 Xylene (Total)	100				266575	60.4356	6000

QC Flag Legend

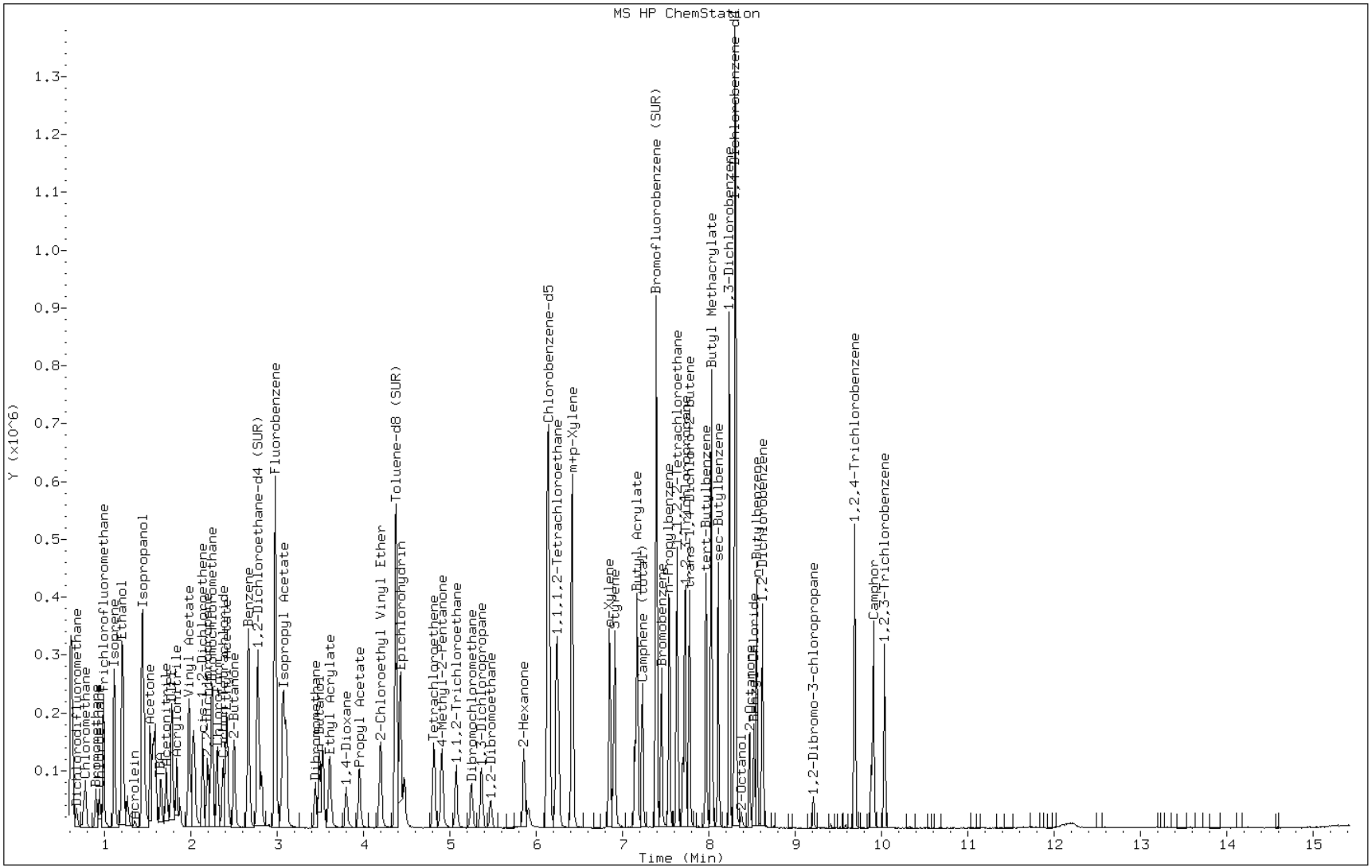
R - Spike/Surrogate failed recovery limits.

Data File: p45575.d

Date: 30-MAR-2011 10:38

Client ID: Instrument: VOAMS13.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-69040/3

Matrix: Solid | Lab File ID: o46792.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/31/2011 05:41

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.: 69040 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	17.1		1.0	0.63
74-83-9	Bromomethane	16.2		1.0	0.41
75-01-4	Vinyl chloride	17.2		1.0	0.23
75-00-3	Chloroethane	14.2		1.0	0.40
75-09-2	Methylene Chloride	20.5		1.0	0.47
67-64-1	Acetone	24.3		10	3.7
75-15-0	Carbon disulfide	17.5		1.0	0.46
75-69-4	Trichlorofluoromethane	16.4		1.0	0.26
75-35-4	1,1-Dichloroethene	19.3		1.0	0.37
75-34-3	1,1-Dichloroethane	18.7		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	18.8		1.0	0.28
156-59-2	cis-1,2-Dichloroethene	19.0		1.0	0.24
67-66-3	Chloroform	18.9		1.0	0.24
78-93-3	2-Butanone	20.3		10	0.57
107-06-2	1,2-Dichloroethane	19.0		1.0	0.39
71-55-6	1,1,1-Trichloroethane	18.3		1.0	0.19
56-23-5	Carbon tetrachloride	18.1		1.0	0.10
71-43-2	Benzene	18.5		1.0	0.74
75-25-2	Bromoform	19.7		1.0	0.70
100-42-5	Styrene	20.1		1.0	0.35
100-41-4	Ethylbenzene	19.0		1.0	0.19
108-90-7	Chlorobenzene	20.0		1.0	0.48
110-82-7	Cyclohexane	17.1		1.0	0.22
98-82-8	Isopropylbenzene	19.4		1.0	0.26
591-78-6	2-Hexanone	16.8		10	1.7
1634-04-4	MTBE	19.0		1.0	0.34
76-13-1	Freon TF	18.2		1.0	0.48
79-20-9	Methyl acetate	18.5		1.0	0.90
123-91-1	1,4-Dioxane	139		50	4.2
79-01-6	Trichloroethene	18.0		1.0	0.36
108-88-3	Toluene	18.7		1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	20.6		1.0	0.22
108-10-1	4-Methyl-2-pentanone	16.9		10	0.72
10061-01-5	cis-1,3-Dichloropropene	19.3		1.0	0.20
95-50-1	1,2-Dichlorobenzene	20.9		1.0	0.64
541-73-1	1,3-Dichlorobenzene	20.6		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-69040/3

Matrix: Solid Lab File ID: o46792.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/31/2011 05:41

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.: 69040 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	21.0		1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	21.6		1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	21.6		1.0	0.65
78-87-5	1,2-Dichloropropane	18.7		1.0	0.32
108-87-2	Methylcyclohexane	17.8		1.0	0.27
127-18-4	Tetrachloroethene	19.1		1.0	0.33
1330-20-7	Xylenes, Total	58.9		3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	18.0		1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	20.1		1.0	0.76
79-00-5	1,1,2-Trichloroethane	19.5		1.0	0.59
124-48-1	Dibromochloromethane	19.6		1.0	0.56
106-93-4	1,2-Dibromoethane	19.6		1.0	0.52
75-71-8	Dichlorodifluoromethane	17.5		1.0	0.41
74-97-5	Bromochloromethane	18.7		1.0	0.27
75-27-4	Bromodichloromethane	18.8		1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		70-138
2037-26-5	Toluene-d8 (Surr)	107		66-126
460-00-4	Bromofluorobenzene	108		72-132

Data File: /chem/VOAMS12.i/8260L_10/03-30-11/31mar11.b/o46792.d
Report Date: 31-Mar-2011 06:02

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/03-30-11/31mar11.b/o46792.d
Lab Smp Id: LCS
Inj Date : 31-MAR-2011 05:41
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/03-30-11/31mar11.b/8260L_10.m
Meth Date : 31-Mar-2011 05:35 audberto Quant Type: ISTD
Cal Date : 30-MAR-2011 21:06 Cal File: o46772.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				298806	37.7972	38
90 Dichlorodifluoromethane	85	0.929	0.929	(0.230)	160392	17.5456	18
1 Chloromethane	50	1.063	1.057	(0.263)	151818	17.1109	17
4 Vinyl Chloride	62	1.087	1.087	(0.269)	160062	17.2154	17
3 Bromomethane	94	1.264	1.264	(0.313)	53334	16.1795	16
5 Chloroethane	64	1.325	1.319	(0.328)	61880	14.2164	14
9 Trichlorofluoromethane	101	1.465	1.465	(0.363)	195750	16.4420	16
121 n-Pentane	72	1.514	1.514	(0.375)	22250	16.5447	16
127 Ethanol	46	1.599	1.599	(0.396)	71442	2471.65	2500
46 Ethyl Ether	59	1.642	1.642	(0.407)	85981	18.4444	18
119 Isoprene	67	1.648	1.648	(0.408)	189524	17.4801	17
47 Acrolein	56	1.715	1.715	(0.425)	182828	260.958	260
10 1,1-Dichloroethene	96	1.770	1.770	(0.438)	112125	19.3230	19
48 Freon TF	101	1.776	1.776	(0.440)	136472	18.1538	18

Data File: /chem/VOAMS12.i/8260L_10/03-30-11/31mar11.b/o46792.d
Report Date: 31-Mar-2011 06:02

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
	7 Acetone	43	1.813	1.813	(0.449)	28320	24.2589	24
	142 Iodomethane	142	1.868	1.868	(0.463)	138234	16.2918	16
	8 Carbon Disulfide	76	1.904	1.904	(0.472)	421996	17.5045	18
	50 Acetonitrile	41	2.002	1.990	(0.496)	210339	336.344	340
	125 Methyl acetate	74	2.020	2.020	(0.500)	23322	18.5247	18
	6 Methylene Chloride	84	2.081	2.081	(0.515)	126087	20.5147	20
	51 TBA	59	2.179	2.179	(0.540)	212404	327.368	330
	52 Acrylonitrile	53	2.252	2.252	(0.558)	247537	135.296	140
	12 trans-1,2-Dichloroethene	96	2.264	2.264	(0.561)	138048	18.7576	19
	53 MTBE	73	2.270	2.270	(0.562)	335446	19.0221	19
	49 Isopropanol	45	1.916	1.910	(0.475)	896656	2680.56	2700
	54 Hexane	56	2.453	2.453	(0.607)	117364	16.8718	17
	11 1,1-Dichloroethane	63	2.563	2.563	(0.635)	223415	18.6968	19
	57 Vinyl Acetate	43	2.618	2.618	(0.648)	281320	19.6484	20
	55 DIPE	45	2.624	2.624	(0.650)	390815	18.7649	19
	149 tert-Butyl ethyl ether	59	2.904	2.904	(0.719)	406099	18.5696	18
	104 2,2-Dichloropropane	77	3.008	3.008	(0.745)	231670	18.4540	18
	13 cis-1,2-Dichloroethene	96	3.008	3.008	(0.745)	160757	19.0396	19
	18 2-Butanone	72	3.038	3.038	(0.752)	15268	20.3044	20
	56 Ethyl Acetate	70	3.093	3.093	(0.766)	22534	35.3671	35
	108 Bromochloromethane	128	3.209	3.203	(0.795)	67717	18.7478	19
	15 Chloroform	83	3.282	3.282	(0.813)	241226	18.8600	19
	20 1,1,1-Trichloroethane	97	3.428	3.428	(0.849)	235269	18.3115	18
	59 Cyclohexane	56	3.477	3.477	(0.861)	262551	17.1477	17
	21 Carbon Tetrachloride	117	3.575	3.575	(0.885)	200325	18.1005	18
	92 1,1-Dichloropropene	75	3.581	3.581	(0.887)	207927	18.4074	18
$	16 1,2-Dichloroethane-d4 (SUR)	65	3.715	3.715	(0.920)	209831	50.7236	51
	28 Benzene	78	3.770	3.764	(0.934)	580761	18.5163	18
	17 1,2-Dichloroethane	62	3.788	3.788	(0.938)	148217	19.0288	19
	61 Isopropyl Acetate	43	3.879	3.879	(0.961)	447671	35.2614	35
	140 tert-Amylmethyl Ether	73	3.898	3.898	(0.965)	372354	18.7258	19
*	69 Fluorobenzene	96	4.038	4.038	(1.000)	1230129	50.0000	
	156 2,4,4-Trimethyl-1-pentene	112	4.373	4.373	(1.083)	68149	16.9592	17
	25 Trichloroethene	95	4.410	4.410	(1.092)	152290	18.0191	18
	96 Ethyl Acrylate	55	4.574	4.574	(1.133)	118446	16.7133	17
	126 Methyl cyclohexane	83	4.605	4.605	(1.140)	314363	17.8131	18
	23 1,2-Dichloropropane	63	4.648	4.648	(1.151)	131041	18.7207	19
	109 Dibromomethane	93	4.770	4.770	(1.181)	70431	18.7533	19
	95 1,4-Dioxane	88	4.824	4.818	(1.195)	12228	138.565	140
	146 Methyl methacrylate	69	4.824	4.824	(1.195)	72832	16.8296	17
	64 Propyl Acetate	43	4.904	4.904	(1.214)	253862	34.0336	34
	22 Bromodichloromethane	83	4.965	4.965	(1.229)	171908	18.7883	19
	30 2-Chloroethyl Vinyl Ether	63	5.349	5.349	(1.325)	33639	19.7085	20
	118 Epichlorohydrin	57	5.404	5.397	(1.338)	198565	331.269	330
	24 cis-1,3-Dichloropropene	75	5.495	5.495	(1.361)	220007	19.2870	19
	33 4-Methyl-2-Pentanone	43	5.721	5.714	(1.417)	80340	16.8664	17
$	37 Toluene-d8 (SUR)	98	5.812	5.812	(0.749)	926002	53.6739	54

Data File: /chem/VOAMS12.i/8260L_10/03-30-11/31mar11.b/o46792.d
Report Date: 31-Mar-2011 06:02

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	38 Toluene	91	5.891	5.891	(0.759)	669250	18.7489	19
	29 trans-1,3-Dichloropropene	75	6.208	6.208	(0.800)	190736	20.5744	20
	27 1,1,2-Trichloroethane	83	6.440	6.440	(0.830)	86774	19.5115	20
	35 Tetrachloroethene	166	6.592	6.592	(0.849)	182025	19.1068	19
	103 1,3-Dichloropropane	76	6.653	6.653	(0.857)	185691	19.6275	20
	34 2-Hexanone	43	6.836	6.830	(0.881)	56301	16.8260	17
	26 Dibromochloromethane	129	6.952	6.952	(0.896)	130554	19.5716	20
	65 Butyl Acetate	43	7.056	7.056	(0.909)	275677	34.1730	34
	66 1,2-Dibromoethane	107	7.080	7.080	(0.912)	107058	19.5883	20
*	32 Chlorobenzene-d5	117	7.763	7.763	(1.000)	859514	50.0000	
	39 Chlorobenzene	112	7.806	7.806	(1.005)	433576	20.0474	20
	97 1,1,1,2-Tetrachloroethane	131	7.952	7.952	(1.024)	147881	19.8574	20
	40 Ethylbenzene	106	8.007	8.007	(1.031)	241699	19.0298	19
	43 m+p-Xylene	106	8.196	8.196	(1.056)	612312	39.1784	39
	44 o-Xylene	106	8.787	8.787	(1.132)	297290	19.6788	20
	42 Styrene	104	8.818	8.818	(1.136)	496328	20.1081	20
	147 Butyl Acrylate	55	8.872	8.872	(0.773)	197497	20.1579	20
	31 Bromoform	173	9.055	9.055	(1.166)	82003	19.7138	20
	110 Isopropylbenzene	105	9.403	9.403	(1.211)	730160	19.3734	19
$	41 Bromofluorobenzene (SUR)	174	9.610	9.610	(0.837)	317436	53.8229	54
	150 Camphene	41	9.756	9.756	(0.850)	57277	16.5901	16
	107 Bromobenzene	156	9.799	9.805	(0.854)	183534	20.6398	21
	36 1,1,2,2-Tetrachloroethane	83	9.927	9.927	(0.865)	132512	20.0698	20
	99 1,2,3-Trichloropropane	110	9.951	9.951	(0.867)	41751	19.5099	20
	143 trans-1,4-Dichloro-2-butene	53	10.025	10.025	(2.483)	34948	17.2991	17
	112 n-Propylbenzene	91	10.073	10.073	(0.878)	929360	19.2630	19
	105 2-Chlorotoluene	91	10.153	10.153	(0.885)	527909	19.4154	19
	106 4-Chlorotoluene	91	10.342	10.342	(0.901)	555208	19.7292	20
	102 1,3,5-Trimethylbenzene	105	10.396	10.396	(0.906)	673862	19.4801	19
	148 Butyl methacrylate	69	10.677	10.677	(0.930)	199766	18.0327	18
	115 tert-Butylbenzene	119	10.915	10.915	(0.951)	618482	19.8470	20
	100 1,2,4-Trimethylbenzene	105	11.000	11.000	(0.959)	687558	19.6976	20
	114 sec-Butylbenzene	105	11.274	11.274	(0.982)	912180	19.6799	20
	67 1,3-Dichlorobenzene	146	11.372	11.372	(0.991)	374868	20.5979	20
*	91 1,4-Dichlorobenzene-d4	152	11.476	11.476	(1.000)	442117	50.0000	
	68 1,4-Dichlorobenzene	146	11.506	11.506	(1.003)	369402	20.9705	21
	113 p-Isopropyltoluene	119	11.518	11.518	(1.004)	777854	19.6515	20
	69 1,2-Dichlorobenzene	146	11.982	11.982	(1.044)	348809	20.9266	21
	117 Benzyl chloride	91	11.726	11.725	(1.022)	286234	18.3585	18
	111 n-Butylbenzene	91	12.049	12.055	(1.050)	709354	19.5137	20
	101 1,2-Dibromo-3-chloropropane	75	12.866	12.866	(1.121)	25781	18.0231	18
	152 Camphor	95	13.548	13.548	(1.181)	78391	100.384	100
	93 1,2,4-Trichlorobenzene	180	13.640	13.640	(1.189)	284849	21.6302	22
	94 Hexachlorobutadiene	225	13.810	13.817	(1.203)	166701	20.8858	21
	70 Naphthalene	128	13.841	13.841	(1.206)	570862	24.0140	24(R)
	98 1,2,3-Trichlorobenzene	180	14.048	14.048	(1.224)	257672	21.5664	22
M	45 Xylene (Total)	100				909602	58.8552	59

Data File: /chem/VOAMS12.i/8260L_10/03-30-11/31mar11.b/o46792.d
Report Date: 31-Mar-2011 06:02

QC Flag Legend

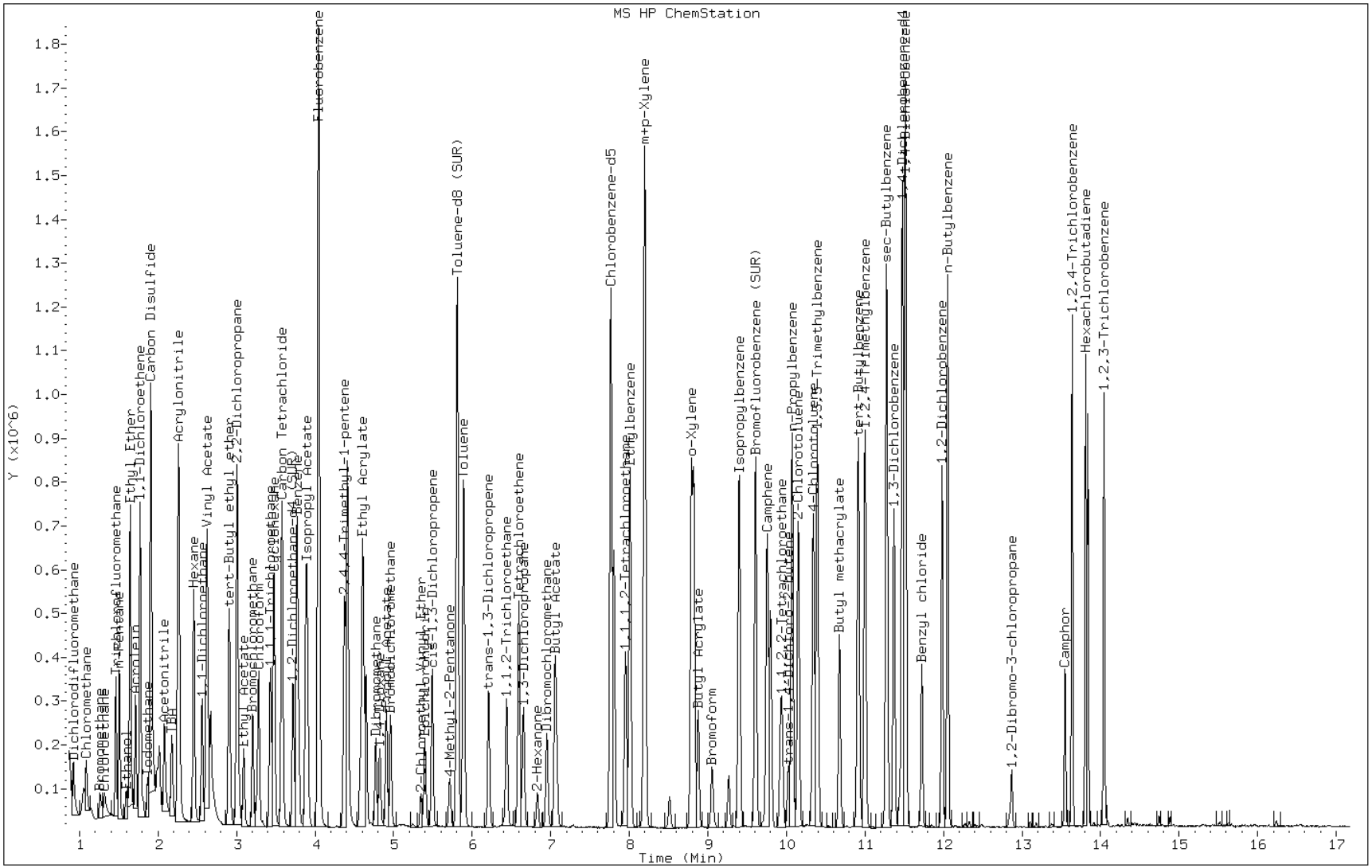
R - Spike/Surrogate failed recovery limits.

Data File: o46792.d

Date: 31-MAR-2011 05:41

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.: 460-24280-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-69082/3

Matrix: Solid Lab File ID: p45628.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 2.5(mL) Date Analyzed: 03/31/2011 12:40

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Medium

Analysis Batch No.: 69082 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1810		100	21
74-83-9	Bromomethane	2280		100	31
75-01-4	Vinyl chloride	2020		100	12
75-00-3	Chloroethane	2050		100	45
75-09-2	Methylene Chloride	2320		100	19
67-64-1	Acetone	2280		1000	250
75-15-0	Carbon disulfide	1890		100	15
75-69-4	Trichlorofluoromethane	1780		100	16
75-35-4	1,1-Dichloroethene	2260		100	14
75-34-3	1,1-Dichloroethane	2330		100	10
156-60-5	trans-1,2-Dichloroethene	2360		100	14
156-59-2	cis-1,2-Dichloroethene	2300		100	19
67-66-3	Chloroform	2410		100	16
78-93-3	2-Butanone	1490		1000	82
107-06-2	1,2-Dichloroethane	2070		100	25
71-55-6	1,1,1-Trichloroethane	2250		100	25
56-23-5	Carbon tetrachloride	2170		100	18
71-43-2	Benzene	2200		100	12
75-25-2	Bromoform	2130		100	9.9
100-42-5	Styrene	2040		100	14
100-41-4	Ethylbenzene	2130		100	25
108-90-7	Chlorobenzene	2250		100	17
110-82-7	Cyclohexane	1670		100	12
98-82-8	Isopropylbenzene	2130		100	21
591-78-6	2-Hexanone	1580		1000	55
1634-04-4	MTBE	1970		100	19
76-13-1	Freon TF	1700		100	29
79-20-9	Methyl acetate	1910		200	33
123-91-1	1,4-Dioxane	14400		5000	850
79-01-6	Trichloroethene	2250		100	18
108-88-3	Toluene	2120		100	9.5
10061-02-6	trans-1,3-Dichloropropene	2080		100	12
108-10-1	4-Methyl-2-pentanone	1420		1000	68
10061-01-5	cis-1,3-Dichloropropene	2130		100	10
95-50-1	1,2-Dichlorobenzene	2230		100	16
541-73-1	1,3-Dichlorobenzene	2220		100	23

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-69082/3

Matrix: Solid | Lab File ID: p45628.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 2.5(mL) | Date Analyzed: 03/31/2011 12:40

Soil Aliquot Vol: 2.5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 69082 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	2200		100	15
120-82-1	1,2,4-Trichlorobenzene	2180		100	44
87-61-6	1,2,3-Trichlorobenzene	2280		100	83
78-87-5	1,2-Dichloropropane	2190		100	8.7
108-87-2	Methylcyclohexane	1700		100	8.0
127-18-4	Tetrachloroethene	2050		100	20
1330-20-7	Xylenes, Total	6500		300	43
96-12-8	1,2-Dibromo-3-Chloropropane	1830		100	15
79-34-5	1,1,2,2-Tetrachloroethane	1870		100	8.6
79-00-5	1,1,2-Trichloroethane	2090		100	9.7
124-48-1	Dibromochloromethane	2190		100	10
106-93-4	1,2-Dibromoethane	2110		100	9.1
75-71-8	Dichlorodifluoromethane	2050		100	28
74-97-5	Bromochloromethane	2600		100	17
75-27-4	Bromodichloromethane	2270		100	9.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		57-135
2037-26-5	Toluene-d8 (Surr)	101		46-130
460-00-4	Bromofluorobenzene	105		50-124

Data File: /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45628.d
Report Date: 31-Mar-2011 13:06

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45628.d
Lab Smp Id: LCS
Inj Date : 31-MAR-2011 12:40
Operator : Inst ID: VOAMS13.i
Smp Info : LCS
Misc Info :
Comment :
Method : /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/8260_09.m
Meth Date : 31-Mar-2011 12:56 desais Quant Type: ISTD
Cal Date : 03-MAR-2011 04:37 Cal File: p44665.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	0.671	0.671	(0.226)	54521	20.5015	2000
3 Chloromethane	50	0.756	0.757	(0.255)	71392	18.1256	1800
4 Vinyl Chloride	62	0.778	0.771	(0.262)	71946	20.2389	2000
6 Bromomethane	94	0.893	0.893	(0.301)	52232	22.7946	2300
5 Chloroethane	64	0.936	0.936	(0.315)	52682	20.4654	2000
7 Trichlorofluoromethane	101	0.979	0.979	(0.329)	104425	17.7670	1800
8 n-Pentane	72	0.971	0.979	(0.327)	8045	13.9521	1400
9 Ethanol	46	1.201	1.201	(0.404)	37042	2209.72	220000
10 Isoprene	67	1.100	1.100	(0.370)	64617	16.2097	1600
11 Ethyl Ether	59	1.115	1.115	(0.375)	44959	18.0812	1800
13 Acrolein	56	1.344	1.344	(0.452)	4459	11.8199	1200
15 1,1-Dichloroethene	96	1.193	1.193	(0.402)	46011	22.5589	2200
14 Freon TF	101	1.208	1.208	(0.407)	42294	16.9685	1700
16 Acetone	58	1.487	1.480	(0.501)	5437	22.8176	2300

Data File: /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45628.d
Report Date: 31-Mar-2011 13:06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
	18 Carbon Disulfide	76	1.201	1.201	(0.404)	159040	18.9116	1900
	19 Isopropanol	45	1.437	1.437	(0.484)	445047	2284.98	230000
	21 Acetonitrile	39	1.709	1.709	(0.576)	21701	329.357	33000
	27 Methyl Acetate	74	1.537	1.537	(0.518)	12569	19.0951	1900
	22 Methylene Chloride	84	1.451	1.451	(0.489)	69229	23.2129	2300
	24 TBA	59	1.652	1.652	(0.556)	96817	344.887	34000
	25 trans-1,2-Dichloroethene	96	1.523	1.523	(0.513)	60059	23.5642	2400
	26 Acrylonitrile	53	1.867	1.874	(0.629)	21424	20.9022	2100
	28 MTBE	73	1.580	1.580	(0.532)	161219	19.6779	2000
	29 Hexane	56	1.552	1.559	(0.522)	36368	16.5333	1600
	30 1,1-Dichloroethane	63	1.831	1.831	(0.616)	122989	23.3220	2300
	31 Vinyl Acetate	43	1.981	1.981	(0.667)	57393	12.6407	1300(R)
	32 DIPE	45	1.774	1.774	(0.597)	190662	18.2605	1800
	35 t-Butyl-ethyl-ether	59	1.974	1.974	(0.665)	177848	19.2213	1900
	37 2,2-Dichloropropane	77	2.189	2.189	(0.737)	82250	19.0388	1900
	36 cis-1,2-Dichloroethene	96	2.132	2.132	(0.718)	72106	23.0135	2300
	38 2-Butanone	43	2.519	2.519	(0.848)	20244	14.9431	1500
	39 Ethyl Acetate	70	2.404	2.397	(0.809)	9179	31.6384	3200
	40 Bromochloromethane	128	2.246	2.246	(0.756)	36871	26.0163	2600(R)
	41 Tetrahydrofuran	42	2.404	2.404	(0.809)	18786	15.7250	1600
	42 Chloroform	83	2.304	2.304	(0.776)	121911	24.0685	2400
	43 1,1,1-Trichloroethane	97	2.418	2.411	(0.814)	99350	22.4903	2200
	44 Cyclohexane	56	2.232	2.232	(0.752)	82521	16.6956	1700
	45 Carbon Tetrachloride	117	2.368	2.368	(0.797)	77417	21.7049	2200
	46 1,1-Dichloropropene	75	2.497	2.497	(0.841)	84699	21.1998	2100
$	47 1,2-Dichloroethane-d4 (SUR)	65	2.762	2.769	(0.930)	162125	48.3184	4800
	48 Benzene	78	2.662	2.662	(0.434)	257873	22.0292	2200
	49 1,2-Dichloroethane	62	2.812	2.812	(0.947)	80885	20.7447	2100
	51 n-Heptane	57	2.655	2.655	(0.894)	25214	17.0309	1700
	72 t-Amyl-methyl-ether	73	2.776	2.777	(0.935)	143335	18.7253	1900
	61 Isopropyl Acetate	43	3.056	3.056	(1.029)	159021	31.1898	3100
*	52 Fluorobenzene	96	2.970	2.970	(1.000)	635891	50.0000	
	54 Trichloroethene	95	3.099	3.099	(1.043)	64921	22.4695	2200
	53 n-Butanol	56	3.486	3.493	(1.174)	83456	1087.93	110000
	56 Methyl cyclohexane	83	3.077	3.070	(1.036)	69095	17.0302	1700
	55 Ethyl Acrylate	55	3.615	3.615	(1.217)	55369	16.3569	1600
	57 1,2-Dichloropropane	63	3.521	3.521	(1.186)	69497	21.8608	2200
	58 Dibromomethane	93	3.435	3.436	(1.157)	36250	21.6475	2200
	60 1,4-Dioxane	88	3.822	3.815	(1.287)	4763	144.256	14000
	59 Methyl Methacrylate	100	3.801	3.794	(1.280)	12106	19.7403	2000
	75 Propyl Acetate	43	3.944	3.944	(1.328)	114157	30.6478	3100
	68 Bromodichloromethane	83	3.600	3.600	(1.212)	86407	22.6596	2300
	62 2-Chloroethyl Vinyl Ether	63	4.180	4.180	(1.408)	30475	17.7006	1800
	63 Epichlorohydrin	57	4.467	4.467	(0.729)	86364	308.713	31000
	67 cis-1,3-Dichloropropene	75	4.195	4.195	(0.684)	105402	21.3441	2100
	70 4-Methyl-2-Pentanone	43	4.897	4.890	(0.799)	37199	14.1930	1400
$	65 Toluene-d8 (SUR)	98	4.374	4.374	(0.714)	557732	50.6063	5100

Data File: /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45628.d
Report Date: 31-Mar-2011 13:06

			QUANT SIG					CONCENTRATIONS	
								ON-COLUMN	FINAL
	Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
	66	Toluene	91	4.424	4.424	(0.722)	286348	21.1836	2100
	64	trans-1,3-Dichloropropene	75	4.904	4.904	(0.800)	93171	20.7533	2100
	69	1,1,2-Trichloroethane	83	5.069	5.069	(0.827)	44949	20.9421	2100
	71	Tetrachloroethene	166	4.811	4.811	(0.785)	63250	20.5305	2000
	72	1,3-Dichloropropane	76	5.362	5.362	(0.875)	96548	20.5958	2000
	73	2-Hexanone	100	5.914	5.907	(0.965)	2809	15.7587	1600
	74	Dibromochloromethane	129	5.248	5.248	(0.856)	63497	21.8564	2200
	76	Butyl Acetate	73	5.857	5.857	(0.956)	23725	33.6466	3400
	77	1,2-Dibromoethane	107	5.470	5.470	(0.892)	52076	21.1333	2100
*	78	Chlorobenzene-d5	117	6.129	6.129	(1.000)	486467	50.0000	
	79	Chlorobenzene	112	6.150	6.150	(1.004)	190437	22.4852	2200
	80	1,1,1,2-Tetrachloroethane	131	6.258	6.258	(1.021)	62536	21.2066	2100
	81	Ethylbenzene	106	6.236	6.236	(1.018)	95213	21.3318	2100
	82	m+p-Xylene	106	6.415	6.415	(1.047)	245618	42.9971	4300
	84	o-Xylene	106	6.845	6.845	(1.117)	117408	21.9553	2200
	85	Styrene	104	6.910	6.910	(1.127)	209328	20.4034	2000
	83	Butyl Acrylate	73	7.139	7.139	(1.165)	37121	16.1549	1600
	86	Bromoform	173	6.888	6.888	(1.124)	41682	21.2714	2100
	88	Isopropylbenzene	105	7.167	7.167	(1.169)	270102	21.2592	2100
$	89	Bromofluorobenzene (SUR)	174	7.389	7.390	(0.890)	212741	52.4191	5200
	90	Camphene (total)	93	7.225	7.225	(1.179)	57083	18.0024	1800
	91	Bromobenzene	156	7.447	7.447	(0.897)	90064	23.3252	2300
	92	1,1,2,2-Tetrachloroethane	83	7.626	7.626	(0.919)	65592	18.6757	1900
	93	1,2,3-Trichloropropane	110	7.697	7.698	(0.927)	19655	20.0058	2000
	94	trans-1,4-Dichloro-2-butene	53	7.762	7.762	(0.935)	17123	14.2924	1400
	95	n-Propylbenzene	91	7.533	7.533	(0.908)	346699	20.4086	2000
	96	2-Chlorotoluene	91	7.626	7.633	(0.919)	220752	20.8424	2100
	97	1,3,5-Trimethylbenzene	105	7.726	7.726	(0.931)	246562	20.8623	2100
	98	4-Chlorotoluene	91	7.776	7.776	(0.937)	236317	21.3241	2100
	99	Butyl Methacrylate	87	8.027	8.027	(0.967)	74523	14.6317	1500
	100	tert-Butylbenzene	119	7.963	7.963	(0.959)	204429	21.5098	2200
	101	1,2,4-Trimethylbenzene	105	8.027	8.027	(0.967)	262357	20.7852	2100
	102	2-Octanone	43	8.471	8.471	(1.021)	64551	13.8142	1400
	103	sec-Butylbenzene	105	8.106	8.106	(0.977)	289389	20.8582	2100
	104	2-Octanol	45	8.371	8.378	(1.009)	10905	10.0289	1000(R)
	105	1,3-Dichlorobenzene	146	8.235	8.235	(0.992)	165493	22.1605	2200
	107	p-Isopropyltoluene	119	8.235	8.235	(0.992)	250466	17.5003	1800
*	108	1,4-Dichlorobenzene-d4	152	8.299	8.299	(1.000)	287799	50.0000	
	109	1,4-Dichlorobenzene	146	8.313	8.314	(1.002)	169624	22.0166	2200
	110	Benzyl Chloride	91	8.514	8.521	(1.026)	102747	15.3697	1500
	106	n-Butylbenzene	91	8.550	8.550	(1.030)	222725	19.7858	2000
	111	1,2-Dichlorobenzene	146	8.614	8.614	(1.038)	157282	22.2820	2200
	112	1,2-Dibromo-3-chloropropane	75	9.209	9.209	(1.110)	12197	18.2742	1800
	113	Camphor	95	9.882	9.882	(1.191)	26267	79.2942	7900
	114	1,2,4-Trichlorobenzene	180	9.689	9.689	(1.167)	103252	21.7790	2200
	115	Hexachlorobutadiene	225	9.689	9.689	(1.167)	38129	20.4127	2000
	116	Naphthalene	128	9.904	9.904	(1.193)	227781	22.4354	2200

Data File: /chem/VOAMS13.i/8260_09/03-03-11/31mar11.b/p45628.d
Report Date: 31-Mar-2011 13:06

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
117 1,2,3-Trichlorobenzene	180	10.033	10.033	(1.209)	91099	22.8009	2300
M 120 1,2-Dichloroethene (Total)	100				132166	46.5211	4600
M 121 Xylene (Total)	100				363026	64.9525	6500

QC Flag Legend

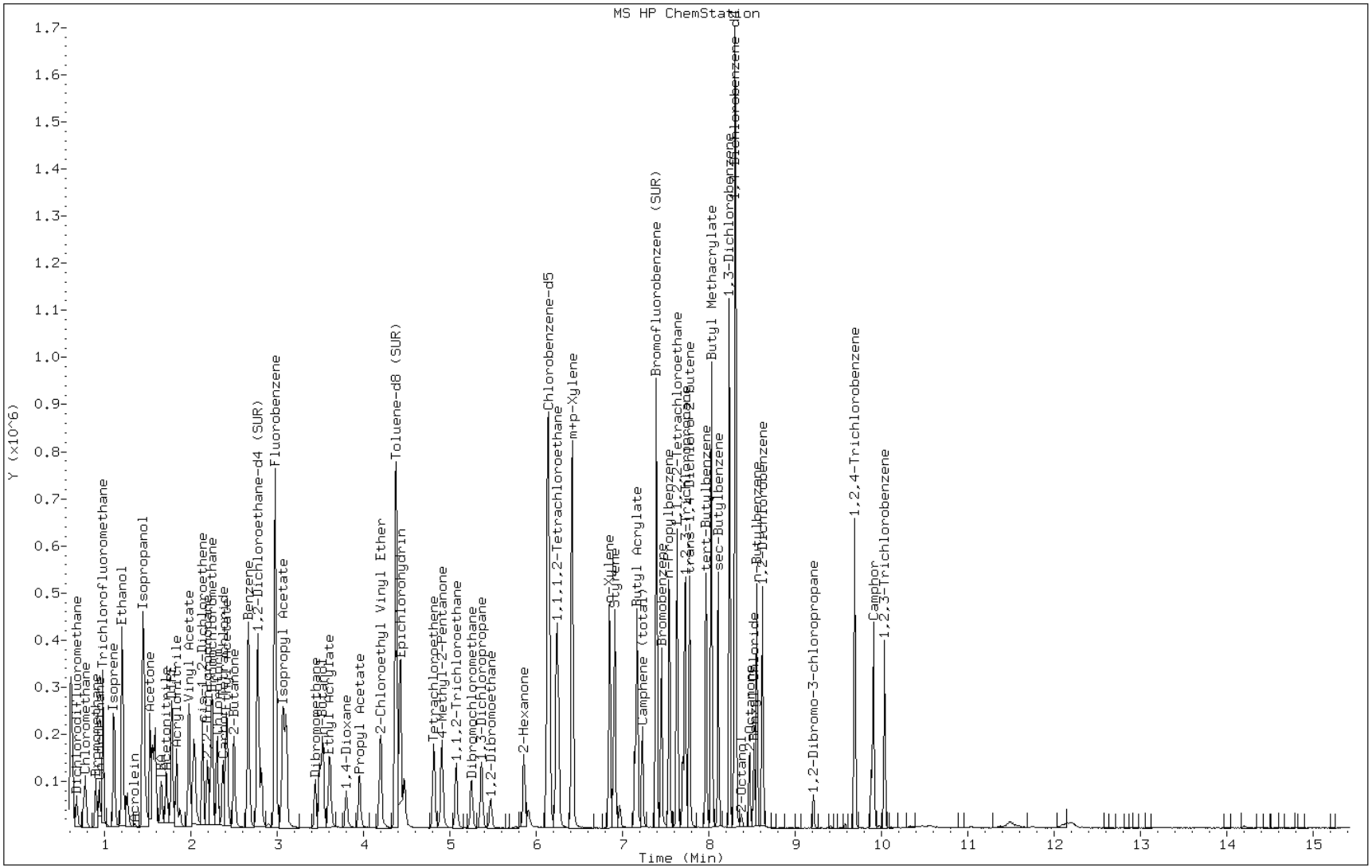
R - Spike/Surrogate failed recovery limits.

Data File: p45628.d

Date: 31-MAR-2011 12:40

Client ID: Instrument: VOAMS13.i

Sample Info: LCS Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-68728/4

Matrix: Solid Lab File ID: o46700.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/28/2011 18:59

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.: 68728 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	17.8		1.0	0.63
74-83-9	Bromomethane	22.8		1.0	0.41
75-01-4	Vinyl chloride	18.7		1.0	0.23
75-00-3	Chloroethane	21.8		1.0	0.40
75-09-2	Methylene Chloride	20.1		1.0	0.47
67-64-1	Acetone	32.2		10	3.7
75-15-0	Carbon disulfide	17.7		1.0	0.46
75-69-4	Trichlorofluoromethane	18.1		1.0	0.26
75-35-4	1,1-Dichloroethene	18.8		1.0	0.37
75-34-3	1,1-Dichloroethane	19.0		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	19.2		1.0	0.28
156-59-2	cis-1,2-Dichloroethene	19.8		1.0	0.24
67-66-3	Chloroform	19.7		1.0	0.24
78-93-3	2-Butanone	23.1		10	0.57
107-06-2	1,2-Dichloroethane	19.4		1.0	0.39
71-55-6	1,1,1-Trichloroethane	18.5		1.0	0.19
56-23-5	Carbon tetrachloride	19.2		1.0	0.10
71-43-2	Benzene	19.1		1.0	0.74
75-25-2	Bromoform	17.8		1.0	0.70
100-42-5	Styrene	19.1		1.0	0.35
100-41-4	Ethylbenzene	19.3		1.0	0.19
108-90-7	Chlorobenzene	19.7		1.0	0.48
110-82-7	Cyclohexane	16.4		1.0	0.22
98-82-8	Isopropylbenzene	21.0		1.0	0.26
591-78-6	2-Hexanone	22.3		10	1.7
1634-04-4	MTBE	20.3		1.0	0.34
76-13-1	Freon TF	20.1		1.0	0.48
79-20-9	Methyl acetate	19.8		1.0	0.90
123-91-1	1,4-Dioxane	191		50	4.2
79-01-6	Trichloroethene	19.2		1.0	0.36
108-88-3	Toluene	18.8		1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	18.5		1.0	0.22
108-10-1	4-Methyl-2-pentanone	22.3		10	0.72
10061-01-5	cis-1,3-Dichloropropene	18.8		1.0	0.20
95-50-1	1,2-Dichlorobenzene	19.8		1.0	0.64
541-73-1	1,3-Dichlorobenzene	18.9		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-68728/4

Matrix: Solid Lab File ID: o46700.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/28/2011 18:59

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.: 68728 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	19.8		1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	20.3		1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	20.4		1.0	0.65
78-87-5	1,2-Dichloropropane	18.9		1.0	0.32
108-87-2	Methylcyclohexane	16.3		1.0	0.27
127-18-4	Tetrachloroethene	19.5		1.0	0.33
1330-20-7	Xylenes, Total	57.5		3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	18.5		1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	18.1		1.0	0.76
79-00-5	1,1,2-Trichloroethane	19.5		1.0	0.59
124-48-1	Dibromochloromethane	19.8		1.0	0.56
106-93-4	1,2-Dibromoethane	20.5		1.0	0.52
75-71-8	Dichlorodifluoromethane	17.5		1.0	0.41
74-97-5	Bromochloromethane	20.0		1.0	0.27
75-27-4	Bromodichloromethane	19.9		1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	74		70-138
2037-26-5	Toluene-d8 (Surr)	72		66-126
460-00-4	Bromofluorobenzene	77		72-132

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46700.d
Report Date: 28-Mar-2011 19:19

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46700.d
Lab Smp Id: LCSD
Inj Date : 28-MAR-2011 18:59
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/8260L_10.m
Meth Date : 28-Mar-2011 17:51 eddie Quant Type: ISTD
Cal Date : 15-FEB-2011 03:30 Cal File: o45228.d
Als bottle: 5 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				223442	38.9613	39
	90 Dichlorodifluoromethane	85	0.929	0.929	(0.230)	99483	17.4903	17
	1 Chloromethane	50	1.063	1.063	(0.263)	108771	17.8163	18
	4 Vinyl Chloride	62	1.087	1.087	(0.269)	109033	18.6799	19
	3 Bromomethane	94	1.270	1.270	(0.315)	74536	22.8044	23
	5 Chloroethane	64	1.325	1.325	(0.328)	87772	21.7673	22
	9 Trichlorofluoromethane	101	1.465	1.465	(0.363)	165266	18.1013	18
	121 n-Pentane	72	1.514	1.514	(0.375)	19092	19.8526	20
	127 Ethanol	46	1.593	1.593	(0.395)	63645	3349.61	3300
	46 Ethyl Ether	59	1.642	1.642	(0.407)	67538	20.4786	20
	119 Isoprene	67	1.648	1.648	(0.408)	139822	20.5978	20
	47 Acrolein	56	1.715	1.715	(0.425)	32014	113.087	110
	10 1,1-Dichloroethene	96	1.776	1.776	(0.440)	83905	18.8465	19
	48 Freon TF	101	1.776	1.776	(0.440)	99100	20.0931	20

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46700.d
Report Date: 28-Mar-2011 19:19

			QUANT SIG					CONCENTRATIONS	
								ON-COLUMN	FINAL
	Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
	7	Acetone	43	1.813	1.813	(0.449)	25330	32.2153	32
	142	Iodomethane	142	1.874	1.868	(0.464)	119663	20.3186	20
	8	Carbon Disulfide	76	1.904	1.904	(0.472)	245906	17.7429	18
	50	Acetonitrile	41	1.996	1.996	(0.494)	174259	546.549	550
	125	Methyl acetate	74	2.020	2.020	(0.500)	18693	19.7755	20
	6	Methylene Chloride	84	2.081	2.081	(0.515)	104521	20.1355	20
	51	TBA	59	2.173	2.173	(0.538)	159442	461.655	460
	52	Acrylonitrile	53	2.252	2.252	(0.558)	195110	166.464	170
	12	trans-1,2-Dichloroethene	96	2.264	2.264	(0.561)	103156	19.1778	19
	53	MTBE	73	2.270	2.270	(0.562)	240228	20.2629	20
	49	Isopropanol	45	1.910	1.910	(0.473)	719825	3463.50	3500
	54	Hexane	56	2.459	2.459	(0.609)	65633	15.5024	16
	11	1,1-Dichloroethane	63	2.563	2.563	(0.635)	160639	19.0069	19
	57	Vinyl Acetate	43	2.624	2.624	(0.650)	193921	20.7232	21
	55	DIPE	45	2.624	2.624	(0.650)	264842	20.9667	21
	149	tert-Butyl ethyl ether	59	2.904	2.904	(0.719)	261072	19.6642	20
	104	2,2-Dichloropropane	77	3.008	3.008	(0.745)	148135	17.8510	18
	13	cis-1,2-Dichloroethene	96	3.008	3.008	(0.745)	120286	19.7835	20
	18	2-Butanone	72	3.038	3.032	(0.752)	10951	23.1205	23
	56	Ethyl Acetate	70	3.087	3.093	(0.764)	15249	41.4571	41
	108	Bromochloromethane	128	3.203	3.209	(0.793)	54803	20.0418	20
	15	Chloroform	83	3.282	3.282	(0.813)	180077	19.6785	20
	20	1,1,1-Trichloroethane	97	3.428	3.428	(0.849)	157052	18.4863	18
	59	Cyclohexane	56	3.471	3.477	(0.860)	146473	16.3528	16
	21	Carbon Tetrachloride	117	3.575	3.575	(0.885)	134545	19.1604	19
	92	1,1-Dichloropropene	75	3.581	3.581	(0.887)	133352	17.6496	18
$	16	1,2-Dichloroethane-d4 (SUR)	65	3.715	3.715	(0.920)	125251	37.1078	37
	28	Benzene	78	3.764	3.770	(0.932)	407368	19.0566	19
	17	1,2-Dichloroethane	62	3.788	3.788	(0.938)	113329	19.3912	19
	61	Isopropyl Acetate	43	3.880	3.880	(0.961)	303071	42.4952	42
	140	tert-Amylmethyl Ether	73	3.898	3.898	(0.965)	246939	20.7811	21
*	69	Fluorobenzene	96	4.038	4.038	(1.000)	917979	50.0000	
	156	2,4,4-Trimethyl-1-pentene	112	4.379	4.373	(1.085)	42806	17.6575	18
	25	Trichloroethene	95	4.410	4.410	(1.092)	111631	19.2357	19
	63	n-Butanol	43	4.410	4.410	(1.092)	77229	1718.38	1700
	96	Ethyl Acrylate	55	4.574	4.575	(1.133)	80739	17.4324	17
	126	Methyl cyclohexane	83	4.605	4.605	(1.140)	183204	16.3083	16
	23	1,2-Dichloropropane	63	4.648	4.648	(1.151)	89012	18.8783	19
	109	Dibromomethane	93	4.763	4.770	(1.180)	55448	21.0475	21
	95	1,4-Dioxane	88	4.824	4.812	(1.195)	9741	191.380	190
	146	Methyl methacrylate	69	4.818	4.818	(1.193)	49247	20.7385	21
	64	Propyl Acetate	43	4.904	4.904	(1.214)	172968	44.8234	45
	22	Bromodichloromethane	83	4.959	4.965	(1.228)	122663	19.8749	20
	30	2-Chloroethyl Vinyl Ether	63	5.343	5.349	(1.323)	5501	7.85463	7.8(R)
	118	Epichlorohydrin	57	5.398	5.398	(1.337)	137598	465.259	460
	24	cis-1,3-Dichloropropene	75	5.489	5.495	(1.359)	139832	18.8101	19
	33	4-Methyl-2-Pentanone	43	5.715	5.715	(1.415)	55955	22.2642	22

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46700.d
Report Date: 28-Mar-2011 19:19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
$	37 Toluene-d8 (SUR)	98	5.812	5.812	(0.749)	541630	36.2475	36
	38 Toluene	91	5.891	5.891	(0.759)	476765	18.8064	19
	29 trans-1,3-Dichloropropene	75	6.208	6.208	(0.800)	119632	18.5289	18
	27 1,1,2-Trichloroethane	83	6.440	6.440	(0.830)	60562	19.4610	19
	35 Tetrachloroethene	166	6.592	6.599	(0.849)	135051	19.5091	20
	103 1,3-Dichloropropane	76	6.653	6.653	(0.857)	130143	19.4878	19
	34 2-Hexanone	43	6.830	6.830	(0.880)	38544	22.3206	22
	26 Dibromochloromethane	129	6.946	6.952	(0.895)	88252	19.8336	20
	65 Butyl Acetate	43	7.056	7.056	(0.909)	189506	45.5397	46
	66 1,2-Dibromoethane	107	7.074	7.074	(0.911)	79484	20.5227	20
*	32 Chlorobenzene-d5	117	7.763	7.763	(1.000)	648790	50.0000	
	39 Chlorobenzene	112	7.799	7.800	(1.005)	314182	19.6871	20
	97 1,1,1,2-Tetrachloroethane	131	7.946	7.952	(1.024)	100520	19.5025	20
	40 Ethylbenzene	106	8.007	8.007	(1.031)	165693	19.2729	19
	43 m+p-Xylene	106	8.190	8.196	(1.055)	416279	38.5772	38
	44 o-Xylene	106	8.787	8.787	(1.132)	197242	18.9098	19
	42 Styrene	104	8.818	8.818	(1.136)	322529	19.1312	19
	147 Butyl Acrylate	55	8.872	8.872	(0.773)	124623	15.5143	16
	31 Bromoform	173	9.055	9.055	(1.166)	56354	17.7737	18
	110 Isopropylbenzene	105	9.397	9.403	(1.210)	532596	20.9565	21
$	41 Bromofluorobenzene (SUR)	174	9.610	9.610	(0.837)	205643	38.3320	38
	150 Camphene	41	9.750	9.756	(0.850)	43293	17.9066	18
	107 Bromobenzene	156	9.799	9.799	(0.854)	134949	18.7271	19
	36 1,1,2,2-Tetrachloroethane	83	9.927	9.927	(0.865)	90989	18.0780	18
	99 1,2,3-Trichloropropane	110	9.945	9.945	(0.867)	31360	20.7250	21
	143 trans-1,4-Dichloro-2-butene	53	10.025	10.025	(2.483)	25045	21.2952	21
	112 n-Propylbenzene	91	10.073	10.073	(0.878)	602665	17.9352	18
	105 2-Chlorotoluene	91	10.153	10.153	(0.885)	350025	17.5893	18
	106 4-Chlorotoluene	91	10.342	10.342	(0.901)	366045	17.3937	17
	102 1,3,5-Trimethylbenzene	105	10.390	10.390	(0.905)	437102	17.7133	18
	148 Butyl methacrylate	69	10.677	10.677	(0.930)	115322	14.0755	14(R)
	115 tert-Butylbenzene	119	10.909	10.915	(0.951)	408556	18.3306	18
	100 1,2,4-Trimethylbenzene	105	11.000	11.000	(0.959)	448878	17.8416	18
	114 sec-Butylbenzene	105	11.274	11.274	(0.982)	596226	18.2989	18
	67 1,3-Dichlorobenzene	146	11.366	11.366	(0.990)	278218	18.9333	19
*	91 1,4-Dichlorobenzene-d4	152	11.476	11.476	(1.000)	360335	50.0000	
	68 1,4-Dichlorobenzene	146	11.506	11.506	(1.003)	283380	19.8100	20
	113 p-Isopropyltoluene	119	11.518	11.518	(1.004)	519314	18.4825	18
	69 1,2-Dichlorobenzene	146	11.982	11.982	(1.044)	259957	19.7523	20
	117 Benzyl chloride	91	11.719	11.720	(1.021)	162941	14.3430	14
	111 n-Butylbenzene	91	12.049	12.049	(1.050)	466387	18.6630	19
	101 1,2-Dibromo-3-chloropropane	75	12.866	12.866	(1.121)	16025	18.5259	18
	152 Camphor	95	13.548	13.548	(1.181)	50787	107.902	110
	93 1,2,4-Trichlorobenzene	180	13.640	13.640	(1.189)	217733	20.2794	20
	94 Hexachlorobutadiene	225	13.810	13.811	(1.203)	115606	19.6023	20
	70 Naphthalene	128	13.841	13.841	(1.206)	424041	22.2137	22
	98 1,2,3-Trichlorobenzene	180	14.042	14.048	(1.224)	196364	20.3640	20

Data File: /chem/VOAMS12.i/8260L_10/02-14-11A/28mar11a.b/o46700.d
Report Date: 28-Mar-2011 19:19

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
M 45 Xylene (Total)	100				613522	57.4955	57

QC Flag Legend

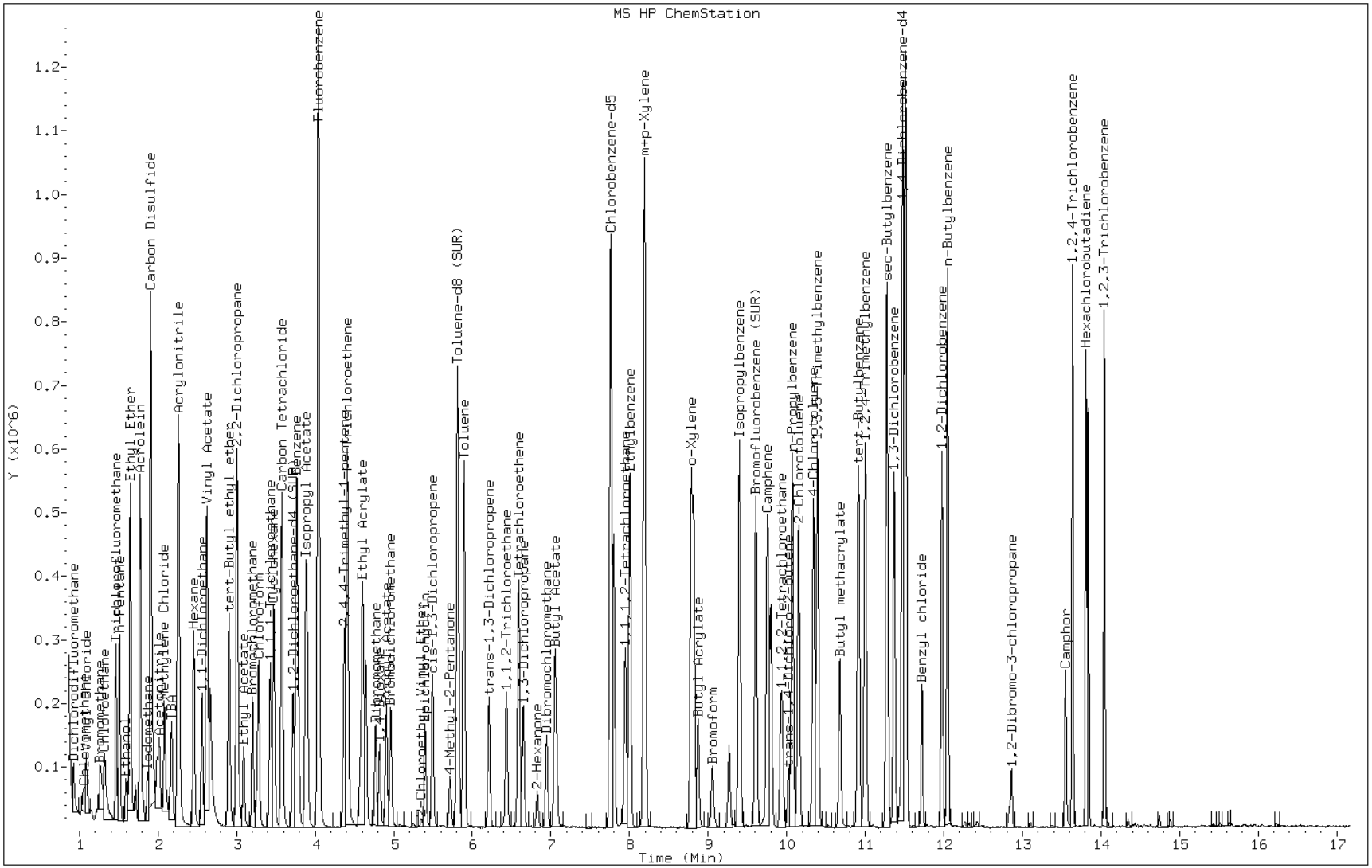
R - Spike/Surrogate failed recovery limits.

Data File: o46700.d

Date: 28-MAR-2011 18:59

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.: 460-24280-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-69040/4

Matrix: Solid Lab File ID: o46793.d

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 03/31/2011 06:06

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.: 69040 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	18.4		1.0	0.63
74-83-9	Bromomethane	16.8		1.0	0.41
75-01-4	Vinyl chloride	19.5		1.0	0.23
75-00-3	Chloroethane	16.8		1.0	0.40
75-09-2	Methylene Chloride	20.9		1.0	0.47
67-64-1	Acetone	22.2		10	3.7
75-15-0	Carbon disulfide	15.3		1.0	0.46
75-69-4	Trichlorofluoromethane	18.5		1.0	0.26
75-35-4	1,1-Dichloroethene	19.8		1.0	0.37
75-34-3	1,1-Dichloroethane	18.9		1.0	0.25
156-60-5	trans-1,2-Dichloroethene	19.2		1.0	0.28
156-59-2	cis-1,2-Dichloroethene	18.9		1.0	0.24
67-66-3	Chloroform	18.9		1.0	0.24
78-93-3	2-Butanone	19.2		10	0.57
107-06-2	1,2-Dichloroethane	19.1		1.0	0.39
71-55-6	1,1,1-Trichloroethane	18.7		1.0	0.19
56-23-5	Carbon tetrachloride	18.8		1.0	0.10
71-43-2	Benzene	18.9		1.0	0.74
75-25-2	Bromoform	17.6		1.0	0.70
100-42-5	Styrene	18.8		1.0	0.35
100-41-4	Ethylbenzene	18.9		1.0	0.19
108-90-7	Chlorobenzene	19.3		1.0	0.48
110-82-7	Cyclohexane	17.2		1.0	0.22
98-82-8	Isopropylbenzene	20.6		1.0	0.26
591-78-6	2-Hexanone	16.3		10	1.7
1634-04-4	MTBE	17.6		1.0	0.34
76-13-1	Freon TF	19.0		1.0	0.48
79-20-9	Methyl acetate	18.3		1.0	0.90
123-91-1	1,4-Dioxane	134		50	4.2
79-01-6	Trichloroethene	18.6		1.0	0.36
108-88-3	Toluene	19.0		1.0	0.30
10061-02-6	trans-1,3-Dichloropropene	19.3		1.0	0.22
108-10-1	4-Methyl-2-pentanone	16.1		10	0.72
10061-01-5	cis-1,3-Dichloropropene	17.8		1.0	0.20
95-50-1	1,2-Dichlorobenzene	19.1		1.0	0.64
541-73-1	1,3-Dichlorobenzene	19.4		1.0	0.48

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-69040/4

Matrix: Solid | Lab File ID: o46793.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 03/31/2011 06:06

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.: 69040 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	19.6		1.0	0.71
120-82-1	1,2,4-Trichlorobenzene	19.4		1.0	0.54
87-61-6	1,2,3-Trichlorobenzene	18.7		1.0	0.65
78-87-5	1,2-Dichloropropane	18.7		1.0	0.32
108-87-2	Methylcyclohexane	17.4		1.0	0.27
127-18-4	Tetrachloroethene	19.6		1.0	0.33
1330-20-7	Xylenes, Total	56.8		3.0	0.79
96-12-8	1,2-Dibromo-3-Chloropropane	15.3		1.0	0.61
79-34-5	1,1,2,2-Tetrachloroethane	17.6		1.0	0.76
79-00-5	1,1,2-Trichloroethane	18.4		1.0	0.59
124-48-1	Dibromochloromethane	18.4		1.0	0.56
106-93-4	1,2-Dibromoethane	18.7		1.0	0.52
75-71-8	Dichlorodifluoromethane	18.9		1.0	0.41
74-97-5	Bromochloromethane	19.2		1.0	0.27
75-27-4	Bromodichloromethane	18.5		1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-138
2037-26-5	Toluene-d8 (Surr)	109		66-126
460-00-4	Bromofluorobenzene	106		72-132

Data File: /chem/VOAMS12.i/8260L_10/03-30-11/31mar11.b/o46793.d
Report Date: 31-Mar-2011 06:22

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS12.i/8260L_10/03-30-11/31mar11.b/o46793.d
Lab Smp Id: LCSD
Inj Date : 31-MAR-2011 06:06
Operator : VOAMS 9 Inst ID: VOAMS12.i
Smp Info : LCSD
Misc Info :
Comment :
Method : /chem/VOAMS12.i/8260L_10/03-30-11/31mar11.b/8260L_10.m
Meth Date : 31-Mar-2011 05:35 audberto Quant Type: ISTD
Cal Date : 30-MAR-2011 21:06 Cal File: o46772.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)
M 14	1,2-Dichloroethene (total)	100				272648	38.1583	38
90	Dichlorodifluoromethane	85	0.929	0.929	(0.230)	156459	18.9165	19
1	Chloromethane	50	1.057	1.057	(0.262)	147794	18.4102	18
4	Vinyl Chloride	62	1.087	1.087	(0.269)	164231	19.5225	20
3	Bromomethane	94	1.264	1.264	(0.313)	50063	16.7852	17
5	Chloroethane	64	1.325	1.319	(0.328)	66130	16.7916	17
9	Trichlorofluoromethane	101	1.465	1.465	(0.363)	199336	18.5051	18
121	n-Pentane	72	1.514	1.514	(0.375)	24276	19.9501	20
127	Ethanol	46	1.600	1.599	(0.396)	65869	2518.66	2500
46	Ethyl Ether	59	1.642	1.642	(0.407)	77964	18.4846	18
119	Isoprene	67	1.648	1.648	(0.408)	192055	19.5776	20
47	Acrolein	56	1.715	1.715	(0.425)	178013	280.823	280
10	1,1-Dichloroethene	96	1.770	1.770	(0.438)	104128	19.8333	20
48	Freon TF	101	1.776	1.776	(0.440)	129475	19.0354	19

Data File: /chem/VOAMS12.i/8260L_10/03-30-11/31mar11.b/o46793.d
Report Date: 31-Mar-2011 06:22

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/Kg)
	==========	====	==	======	======	========	=======	=======
7	Acetone	43	1.813	1.813	(0.449)	23459	22.2100	22
142	Iodomethane	142	1.874	1.868	(0.464)	125869	16.3956	16
8	Carbon Disulfide	76	1.904	1.904	(0.472)	333173	15.2745	15
50	Acetonitrile	41	1.996	1.990	(0.494)	191142	337.811	340
125	Methyl acetate	74	2.020	2.020	(0.500)	20848	18.3022	18
6	Methylene Chloride	84	2.081	2.081	(0.515)	116480	20.9460	21
51	TBA	59	2.179	2.179	(0.540)	187648	319.648	320
52	Acrylonitrile	53	2.252	2.252	(0.558)	220855	133.416	130
12	trans-1,2-Dichloroethene	96	2.264	2.264	(0.561)	128066	19.2325	19
53	MTBE	73	2.270	2.270	(0.562)	280941	17.6078	18
49	Isopropanol	45	1.910	1.910	(0.473)	805416	2661.17	2700
54	Hexane	56	2.459	2.453	(0.609)	100384	15.9493	16
11	1,1-Dichloroethane	63	2.563	2.563	(0.635)	204658	18.9295	19
57	Vinyl Acetate	43	2.618	2.618	(0.648)	248536	19.1854	19
55	DIPE	45	2.624	2.624	(0.650)	333961	17.7225	18
149	tert-Butyl ethyl ether	59	2.904	2.904	(0.719)	342735	17.3214	17
104	2,2-Dichloropropane	77	3.008	3.008	(0.745)	216207	19.0346	19
13	cis-1,2-Dichloroethene	96	3.008	3.008	(0.745)	144582	18.9258	19
18	2-Butanone	72	3.038	3.038	(0.752)	13083	19.2292	19
56	Ethyl Acetate	70	3.093	3.093	(0.766)	19749	34.2585	34
108	Bromochloromethane	128	3.203	3.203	(0.793)	62717	19.1908	19
15	Chloroform	83	3.282	3.282	(0.813)	219189	18.9404	19
20	1,1,1-Trichloroethane	97	3.428	3.428	(0.849)	217055	18.6716	19
59	Cyclohexane	56	3.477	3.477	(0.861)	237909	17.1735	17
21	Carbon Tetrachloride	117	3.575	3.575	(0.885)	187802	18.7547	19
92	1,1-Dichloropropene	75	3.581	3.581	(0.887)	188606	18.4540	18
$ 16	1,2-Dichloroethane-d4 (SUR)	65	3.721	3.715	(0.921)	187385	50.0644	50
28	Benzene	78	3.770	3.764	(0.934)	535700	18.8770	19
17	1,2-Dichloroethane	62	3.788	3.788	(0.938)	134701	19.1134	19
61	Isopropyl Acetate	43	3.880	3.879	(0.961)	379807	33.0641	33
140	tert-Amylmethyl Ether	73	3.898	3.898	(0.965)	317080	17.6241	18
* 69	Fluorobenzene	96	4.038	4.038	(1.000)	1113004	50.0000	
156	2,4,4-Trimethyl-1-pentene	112	4.373	4.373	(1.083)	65635	18.0526	18
25	Trichloroethene	95	4.410	4.410	(1.092)	142456	18.6294	19
96	Ethyl Acrylate	55	4.569	4.574	(1.131)	103509	16.1426	16
126	Methyl cyclohexane	83	4.605	4.605	(1.140)	277655	17.3887	17
23	1,2-Dichloropropane	63	4.648	4.648	(1.151)	118743	18.7489	19
109	Dibromomethane	93	4.770	4.770	(1.181)	60102	17.6870	18
95	1,4-Dioxane	88	4.825	4.818	(1.195)	10722	134.285	130
146	Methyl methacrylate	69	4.825	4.824	(1.195)	61387	15.6777	16
64	Propyl Acetate	43	4.904	4.904	(1.214)	213906	31.6948	32
22	Bromodichloromethane	83	4.965	4.965	(1.229)	152796	18.4567	18
30	2-Chloroethyl Vinyl Ether	63	5.349	5.349	(1.325)	20179	13.0669	13(R)
118	Epichlorohydrin	57	5.404	5.397	(1.338)	166860	307.671	310
24	cis-1,3-Dichloropropene	75	5.495	5.495	(1.361)	183528	17.7821	18
33	4-Methyl-2-Pentanone	43	5.715	5.714	(1.415)	69378	16.0978	16
$ 37	Toluene-d8 (SUR)	98	5.812	5.812	(0.749)	839653	54.5316	54

Data File: /chem/VOAMS12.i/8260L_10/03-30-11/31mar11.b/o46793.d
Report Date: 31-Mar-2011 06:22

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
	38	Toluene	91	5.891	5.891	(0.759)	605494	19.0061	19
	29	trans-1,3-Dichloropropene	75	6.208	6.208	(0.800)	159360	19.2606	19
	27	1,1,2-Trichloroethane	83	6.440	6.440	(0.830)	73067	18.4084	18
	35	Tetrachloroethene	166	6.592	6.592	(0.849)	166442	19.5758	20
	103	1,3-Dichloropropane	76	6.653	6.653	(0.857)	159892	18.9363	19
	34	2-Hexanone	43	6.830	6.830	(0.880)	48619	16.2804	16
	26	Dibromochloromethane	129	6.952	6.952	(0.896)	109743	18.4335	18
	65	Butyl Acetate	43	7.056	7.056	(0.909)	242816	33.7254	34
	66	1,2-Dibromoethane	107	7.074	7.080	(0.911)	91131	18.6827	19
*	32	Chlorobenzene-d5	117	7.763	7.763	(1.000)	767107	50.0000	
	39	Chlorobenzene	112	7.806	7.806	(1.005)	372408	19.2934	19
	97	1,1,1,2-Tetrachloroethane	131	7.952	7.952	(1.024)	124819	18.7797	19
	40	Ethylbenzene	106	8.007	8.007	(1.031)	213755	18.8569	19
	43	m+p-Xylene	106	8.196	8.196	(1.056)	530724	38.0487	38
	44	o-Xylene	106	8.793	8.787	(1.133)	253273	18.7847	19
	42	Styrene	104	8.818	8.818	(1.136)	413756	18.7821	19
	147	Butyl Acrylate	55	8.873	8.872	(0.773)	171913	19.4560	19
	31	Bromoform	173	9.055	9.055	(1.166)	65286	17.5856	18
	110	Isopropylbenzene	105	9.403	9.403	(1.211)	694195	20.6380	21
$	41	Bromofluorobenzene (SUR)	174	9.610	9.610	(0.837)	280647	52.7632	53
	150	Camphene	41	9.757	9.756	(0.850)	60632	19.4727	19
	107	Bromobenzene	156	9.805	9.805	(0.854)	150802	18.8043	19
	36	1,1,2,2-Tetrachloroethane	83	9.927	9.927	(0.865)	105079	17.6467	18
	99	1,2,3-Trichloropropane	110	9.952	9.951	(0.867)	33088	17.1443	17
	143	trans-1,4-Dichloro-2-butene	53	10.025	10.025	(2.483)	28371	15.5213	16
	112	n-Propylbenzene	91	10.074	10.073	(0.878)	776776	17.8524	18
	105	2-Chlorotoluene	91	10.153	10.153	(0.885)	445112	18.1517	18
	106	4-Chlorotoluene	91	10.342	10.342	(0.901)	469393	18.4948	18
	102	1,3,5-Trimethylbenzene	105	10.397	10.396	(0.906)	581730	18.6467	19
	148	Butyl methacrylate	69	10.677	10.677	(0.930)	171617	17.1775	17
	115	tert-Butylbenzene	119	10.915	10.915	(0.951)	526780	18.7438	19
	100	1,2,4-Trimethylbenzene	105	11.000	11.000	(0.959)	573109	18.2054	18
	114	sec-Butylbenzene	105	11.274	11.274	(0.982)	784898	18.7765	19
	67	1,3-Dichlorobenzene	146	11.372	11.372	(0.991)	317685	19.3553	19
*	91	1,4-Dichlorobenzene-d4	152	11.476	11.476	(1.000)	398729	50.0000	
	68	1,4-Dichlorobenzene	146	11.506	11.506	(1.003)	310612	19.5519	20
	113	p-Isopropyltoluene	119	11.518	11.518	(1.004)	680293	19.0569	19
	69	1,2-Dichlorobenzene	146	11.982	11.982	(1.044)	287322	19.1135	19
	117	Benzyl chloride	91	11.726	11.725	(1.022)	239792	17.0534	17
	111	n-Butylbenzene	91	12.055	12.055	(1.050)	613968	18.7276	19
	101	1,2-Dibromo-3-chloropropane	75	12.866	12.866	(1.121)	19743	15.3044	15
	152	Camphor	95	13.548	13.548	(1.181)	66900	94.9915	95
	93	1,2,4-Trichlorobenzene	180	13.640	13.640	(1.189)	230840	19.4364	19
	94	Hexachlorobutadiene	225	13.817	13.817	(1.204)	134208	18.6445	19
	70	Naphthalene	128	13.841	13.841	(1.206)	452209	21.0927	21
	98	1,2,3-Trichlorobenzene	180	14.048	14.048	(1.224)	201614	18.7108	19
M	45	Xylene (Total)	100				783997	56.8388	57

Data File: /chem/VOAMS12.i/8260L_10/03-30-11/31mar11.b/o46793.d
Report Date: 31-Mar-2011 06:22

QC Flag Legend

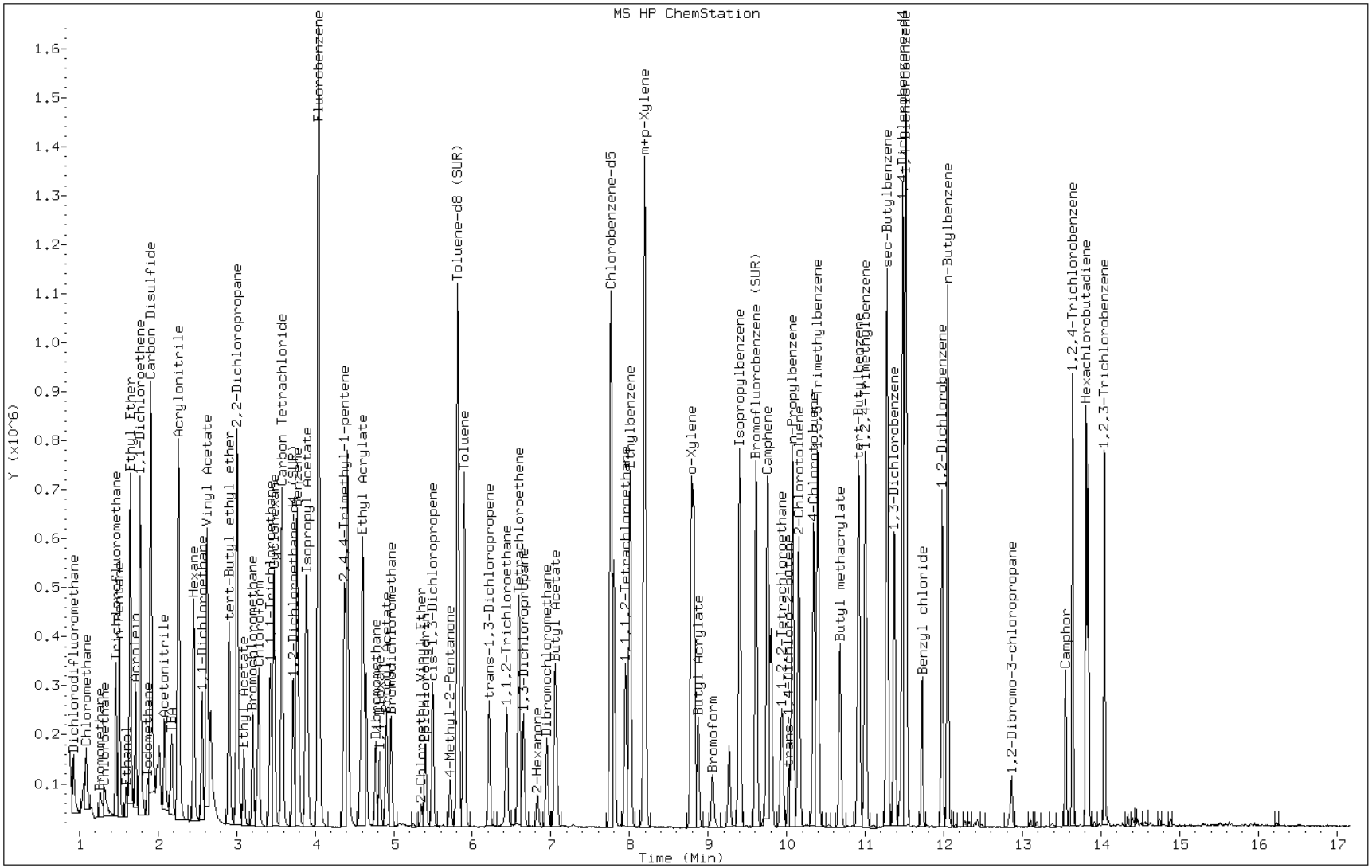
R - Spike/Surrogate failed recovery limits.

Data File: o46793.d

Date: 31-MAR-2011 06:06

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.: 460-24280-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-24265-D-6-A MS

Matrix: Solid | Lab File ID: p45584.d

Analysis Method: 8260B | Date Collected: 03/17/2011 10:30

Sample wt/vol: 4.68(g) | Date Analyzed: 03/30/2011 14:41

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Medium

Analysis Batch No.: 68934 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	998		62	13
74-83-9	Bromomethane	904		62	20
75-01-4	Vinyl chloride	1220		62	7.5
75-00-3	Chloroethane	1180		62	28
75-09-2	Methylene Chloride	1160		62	12
67-64-1	Acetone	2040		620	160
75-15-0	Carbon disulfide	1040		62	9.1
75-69-4	Trichlorofluoromethane	1290		62	9.8
75-35-4	1,1-Dichloroethene	1310		62	8.8
75-34-3	1,1-Dichloroethane	1110		62	6.2
156-60-5	trans-1,2-Dichloroethene	1220		62	8.6
156-59-2	cis-1,2-Dichloroethene	1160		62	12
67-66-3	Chloroform	1150		62	9.7
78-93-3	2-Butanone	827		620	51
107-06-2	1,2-Dichloroethane	1050		62	15
71-55-6	1,1,1-Trichloroethane	1150		62	15
56-23-5	Carbon tetrachloride	1240		62	11
71-43-2	Benzene	1140		62	7.4
75-25-2	Bromoform	983		62	6.2
100-42-5	Styrene	934		62	8.7
100-41-4	Ethylbenzene	1090		62	15
108-90-7	Chlorobenzene	1060		62	10
110-82-7	Cyclohexane	1120		62	7.7
98-82-8	Isopropylbenzene	1220		62	13
591-78-6	2-Hexanone	734		620	34
1634-04-4	MTBE	986		62	12
76-13-1	Freon TF	1230		62	18
79-20-9	Methyl acetate	944		120	21
123-91-1	1,4-Dioxane	3100	U	3100	530
79-01-6	Trichloroethene	1160		62	11
108-88-3	Toluene	1020		62	5.9
10061-02-6	trans-1,3-Dichloropropene	914		62	7.6
108-10-1	4-Methyl-2-pentanone	717		620	43
10061-01-5	cis-1,3-Dichloropropene	944		62	6.4
95-50-1	1,2-Dichlorobenzene	1100		62	10
541-73-1	1,3-Dichlorobenzene	1080		62	14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-24265-D-6-A MS

Matrix: Solid | Lab File ID: p45584.d

Analysis Method: 8260B | Date Collected: 03/17/2011 10:30

Sample wt/vol: 4.68(g) | Date Analyzed: 03/30/2011 14:41

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Medium

Analysis Batch No.: 68934 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1110		62	9.4
120-82-1	1,2,4-Trichlorobenzene	1120		62	27
87-61-6	1,2,3-Trichlorobenzene	1060		62	52
78-87-5	1,2-Dichloropropane	1030		62	5.5
108-87-2	Methylcyclohexane	1180		62	5.0
127-18-4	Tetrachloroethene	1150		62	12
1330-20-7	Xylenes, Total	3100		190	27
96-12-8	1,2-Dibromo-3-Chloropropane	769		62	9.6
79-34-5	1,1,2,2-Tetrachloroethane	860		62	5.4
79-00-5	1,1,2-Trichloroethane	954		62	6.1
124-48-1	Dibromochloromethane	971		62	6.3
106-93-4	1,2-Dibromoethane	919		62	5.7
75-71-8	Dichlorodifluoromethane	1390		62	18
74-97-5	Bromochloromethane	1200		62	11
75-27-4	Bromodichloromethane	1080		62	5.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	70		57-135
2037-26-5	Toluene-d8 (Surr)	80		46-130
460-00-4	Bromofluorobenzene	106		50-124

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-24265-D-6-A MSD

Matrix: Solid | Lab File ID: p45585.d

Analysis Method: 8260B | Date Collected: 03/17/2011 10:30

Sample wt/vol: 4.68(g) | Date Analyzed: 03/30/2011 15:06

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Medium

Analysis Batch No.: 68934 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
74-87-3	Chloromethane	1160		62	13
74-83-9	Bromomethane	1080		62	20
75-01-4	Vinyl chloride	1380		62	7.5
75-00-3	Chloroethane	1370		62	28
75-09-2	Methylene Chloride	1330		62	12
67-64-1	Acetone	1830		620	160
75-15-0	Carbon disulfide	1200		62	9.1
75-69-4	Trichlorofluoromethane	1390		62	9.8
75-35-4	1,1-Dichloroethene	1510		62	8.8
75-34-3	1,1-Dichloroethane	1260		62	6.2
156-60-5	trans-1,2-Dichloroethene	1400		62	8.6
156-59-2	cis-1,2-Dichloroethene	1270		62	12
67-66-3	Chloroform	1250		62	9.7
78-93-3	2-Butanone	823		620	51
107-06-2	1,2-Dichloroethane	1180		62	15
71-55-6	1,1,1-Trichloroethane	1340		62	15
56-23-5	Carbon tetrachloride	1350		62	11
71-43-2	Benzene	1310		62	7.4
75-25-2	Bromoform	1150		62	6.2
100-42-5	Styrene	1060		62	8.7
100-41-4	Ethylbenzene	1220		62	15
108-90-7	Chlorobenzene	1220		62	10
110-82-7	Cyclohexane	1260		62	7.7
98-82-8	Isopropylbenzene	1400		62	13
591-78-6	2-Hexanone	572	J	620	34
1634-04-4	MTBE	1060		62	12
76-13-1	Freon TF	1420		62	18
79-20-9	Methyl acetate	1080		120	21
123-91-1	1,4-Dioxane	3100	U	3100	530
79-01-6	Trichloroethene	1310		62	11
108-88-3	Toluene	1170		62	5.9
10061-02-6	trans-1,3-Dichloropropene	1050		62	7.6
108-10-1	4-Methyl-2-pentanone	783		620	43
10061-01-5	cis-1,3-Dichloropropene	1090		62	6.4
95-50-1	1,2-Dichlorobenzene	1250		62	10
541-73-1	1,3-Dichlorobenzene	1260		62	14

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: | Lab Sample ID: 460-24265-D-6-A MSD

Matrix: Solid | Lab File ID: p45585.d

Analysis Method: 8260B | Date Collected: 03/17/2011 10:30

Sample wt/vol: 4.68(g) | Date Analyzed: 03/30/2011 15:06

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 14.5 | Level: (low/med) Medium

Analysis Batch No.: 68934 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
106-46-7	1,4-Dichlorobenzene	1250		62	9.4
120-82-1	1,2,4-Trichlorobenzene	1280		62	27
87-61-6	1,2,3-Trichlorobenzene	1250		62	52
78-87-5	1,2-Dichloropropane	1150		62	5.5
108-87-2	Methylcyclohexane	1280		62	5.0
127-18-4	Tetrachloroethene	1270		62	12
1330-20-7	Xylenes, Total	3690		190	27
96-12-8	1,2-Dibromo-3-Chloropropane	934		62	9.6
79-34-5	1,1,2,2-Tetrachloroethane	968		62	5.4
79-00-5	1,1,2-Trichloroethane	1050		62	6.1
124-48-1	Dibromochloromethane	1130		62	6.3
106-93-4	1,2-Dibromoethane	1060		62	5.7
75-71-8	Dichlorodifluoromethane	1570		62	18
74-97-5	Bromochloromethane	1360		62	11
75-27-4	Bromodichloromethane	1230		62	5.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	70		57-135
2037-26-5	Toluene-d8 (Surr)	84		46-130
460-00-4	Bromofluorobenzene	111		50-124

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: VOAMS12 Start Date: 02/14/2011 17:09

Analysis Batch Number: 64630 End Date: 02/15/2011 03:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-64630/1		02/14/2011 17:09	1	o45212.d	DB-624 0.18(mm)
ICIS 460-64630/2		02/14/2011 18:17	1	o45214.d	DB-624 0.18(mm)
IC 460-64630/3		02/14/2011 23:21	1	o45218.d	DB-624 0.18(mm)
IC 460-64630/4		02/14/2011 23:46	1	o45219.d	DB-624 0.18(mm)
IC 460-64630/5		02/15/2011 00:11	1	o45220.d	DB-624 0.18(mm)
IC 460-64630/6		02/15/2011 02:40	1	o45226.d	DB-624 0.18(mm)
IC 460-64630/7		02/15/2011 03:30	1	o45228.d	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: VOAMS12 Start Date: 03/28/2011 16:44

Analysis Batch Number: 68728 End Date: 03/29/2011 03:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-68728/1		03/28/2011 16:44	1	o46695.d	DB-624 0.18(mm)
CCVIS 460-68728/2		03/28/2011 17:31	1	o46697.d	DB-624 0.18(mm)
LCS 460-68728/3		03/28/2011 18:34	1	o46699.d	DB-624 0.18(mm)
LCSD 460-68728/4		03/28/2011 18:59	1	o46700.d	DB-624 0.18(mm)
MB 460-68728/5		03/28/2011 20:07	1	o46702.d	DB-624 0.18(mm)
ZZZZZ		03/28/2011 20:44	1		DB-624 0.18(mm)
460-24280-8	PMP-1-WT-E (8-8.5)	03/28/2011 21:34	1	o46705.d	DB-624 0.18(mm)
460-24280-17	PMP-5-VD-E (3.5-4)	03/28/2011 21:59	1	o46706.d	DB-624 0.18(mm)
460-24280-1	PMP-25-VS-E (1-3)	03/28/2011 22:24	1	o46707.d	DB-624 0.18(mm)
460-24280-2	PMP-25-VD-E (3-5)	03/28/2011 22:49	1	o46708.d	DB-624 0.18(mm)
460-24280-3	PMP-25-WT-E (7.5-9.5)	03/28/2011 23:14	1	o46709.d	DB-624 0.18(mm)
460-24280-4	PMP-21-VD-E (3.5-4)	03/28/2011 23:38	1	o46710.d	DB-624 0.18(mm)
460-24280-5	PMP-21-WT-E (8-8.5)	03/29/2011 00:03	1	o46711.d	DB-624 0.18(mm)
460-24280-6	PMP-21-SI-E (10.5-11)	03/29/2011 00:28	1	o46712.d	DB-624 0.18(mm)
460-24280-7	PMP-1-VD-E (3.5-4.0)	03/29/2011 00:53	1	o46713.d	DB-624 0.18(mm)
ZZZZZ		03/29/2011 01:18	1		DB-624 0.18(mm)
ZZZZZ		03/29/2011 01:43	1		DB-624 0.18(mm)
ZZZZZ		03/29/2011 02:33	1		DB-624 0.18(mm)
ZZZZZ		03/29/2011 02:57	1		DB-624 0.18(mm)
ZZZZZ		03/29/2011 03:22	1		DB-624 0.18(mm)
ZZZZZ		03/29/2011 03:47	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: VOAMS12 Start Date: 03/30/2011 17:11

Analysis Batch Number: 69010 End Date: 03/31/2011 03:29

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-69010/1		03/30/2011 17:11	1	o46763.d	DB-624 0.18(mm)
IC 460-69010/2		03/30/2011 18:37	1	o46766.d	DB-624 0.18(mm)
IC 460-69010/3		03/30/2011 19:27	1	o46768.d	DB-624 0.18(mm)
ICIS 460-69010/4		03/30/2011 19:51	1	o46769.d	DB-624 0.18(mm)
IC 460-69010/5		03/30/2011 20:16	1	o46770.d	DB-624 0.18(mm)
IC 460-69010/6		03/30/2011 20:41	1	o46771.d	DB-624 0.18(mm)
IC 460-69010/7		03/30/2011 21:06	1	o46772.d	DB-624 0.18(mm)
ZZZZZ		03/30/2011 22:31	1		DB-624 0.18(mm)
ZZZZZ		03/30/2011 22:56	1		DB-624 0.18(mm)
ZZZZZ		03/30/2011 23:20	1		DB-624 0.18(mm)
ZZZZZ		03/31/2011 00:10	1		DB-624 0.18(mm)
ZZZZZ		03/31/2011 00:35	1		DB-624 0.18(mm)
ZZZZZ		03/31/2011 01:00	1		DB-624 0.18(mm)
ZZZZZ		03/31/2011 01:25	1		DB-624 0.18(mm)
ZZZZZ		03/31/2011 01:50	1		DB-624 0.18(mm)
ZZZZZ		03/31/2011 02:39	1		DB-624 0.18(mm)
ZZZZZ		03/31/2011 03:29	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: VOAMS12 Start Date: 03/31/2011 04:44

Analysis Batch Number: 69040 End Date: 03/31/2011 14:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-69040/1		03/31/2011 04:44	1	o46790.d	DB-624 0.18(mm)
CCVIS 460-69040/2		03/31/2011 05:16	1	o46791.d	DB-624 0.18(mm)
LCS 460-69040/3		03/31/2011 05:41	1	o46792.d	DB-624 0.18(mm)
LCSD 460-69040/4		03/31/2011 06:06	1	o46793.d	DB-624 0.18(mm)
MB 460-69040/5		03/31/2011 07:30	1	o46796.d	DB-624 0.18(mm)
460-24280-9	PMP-1-SI-E (10.5-11.0)	03/31/2011 07:55	1	o46797.d	DB-624 0.18(mm)
ZZZZZ		03/31/2011 08:20	1		DB-624 0.18(mm)
ZZZZZ		03/31/2011 08:45	1		DB-624 0.18(mm)
ZZZZZ		03/31/2011 09:34	1		DB-624 0.18(mm)
ZZZZZ		03/31/2011 09:59	1		DB-624 0.18(mm)
ZZZZZ		03/31/2011 10:24	1		DB-624 0.18(mm)
ZZZZZ		03/31/2011 10:49	1		DB-624 0.18(mm)
ZZZZZ		03/31/2011 11:14	1		DB-624 0.18(mm)
ZZZZZ		03/31/2011 11:39	1		DB-624 0.18(mm)
ZZZZZ		03/31/2011 12:29	1		DB-624 0.18(mm)
ZZZZZ		03/31/2011 12:53	1		DB-624 0.18(mm)
ZZZZZ		03/31/2011 13:18	1		DB-624 0.18(mm)
ZZZZZ		03/31/2011 13:43	1		DB-624 0.18(mm)
ZZZZZ		03/31/2011 14:08	1		DB-624 0.18(mm)
ZZZZZ		03/31/2011 14:33	1		DB-624 0.18(mm)
ZZZZZ		03/31/2011 14:58	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: VOAMS13 Start Date: 03/03/2011 00:44

Analysis Batch Number: 66327 End Date: 03/03/2011 04:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-66327/1		03/03/2011 00:44	1	p44656.d	DB-624 0.18(mm)
IC 460-66327/2		03/03/2011 02:00	1	p44659.d	DB-624 0.18(mm)
IC 460-66327/3		03/03/2011 02:53	1	p44661.d	DB-624 0.18(mm)
ICIS 460-66327/4		03/03/2011 03:19	1	p44662.d	DB-624 0.18(mm)
IC 460-66327/5		03/03/2011 03:45	1	p44663.d	DB-624 0.18(mm)
IC 460-66327/6		03/03/2011 04:11	1	p44664.d	DB-624 0.18(mm)
IC 460-66327/7		03/03/2011 04:37	1	p44665.d	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: VOAMS13 Start Date: 03/30/2011 09:28

Analysis Batch Number: 68934 End Date: 03/30/2011 20:32

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-68934/1		03/30/2011 09:28	1	p45572.d	DB-624 0.18(mm)
CCVIS 460-68934/2		03/30/2011 10:13	1	p45574.d	DB-624 0.18(mm)
LCS 460-68934/3		03/30/2011 10:38	50	p45575.d	DB-624 0.18(mm)
MB 460-68934/4		03/30/2011 12:07	50	p45578.d	DB-624 0.18(mm)
ZZZZZ		03/30/2011 12:35	50		DB-624 0.18(mm)
ZZZZZ		03/30/2011 13:00	50		DB-624 0.18(mm)
ZZZZZ		03/30/2011 13:25	50		DB-624 0.18(mm)
ZZZZZ		03/30/2011 13:50	50		DB-624 0.18(mm)
460-24265-D-6-A MS		03/30/2011 14:41	50	p45584.d	DB-624 0.18(mm)
460-24265-D-6-A MSD		03/30/2011 15:06	50	p45585.d	DB-624 0.18(mm)
ZZZZZ		03/30/2011 15:56	50		DB-624 0.18(mm)
460-24280-14	PMP-2-VD-E (3.5-4.0)	03/30/2011 17:11	50	p45590.d	DB-624 0.18(mm)
460-24280-15	PMP-2WT-E (8.0-8.5)	03/30/2011 17:36	50	p45591.d	DB-624 0.18(mm)
460-24280-19	PMP-5SI-E (10.5-11)	03/30/2011 18:02	100	p45592.d	DB-624 0.18(mm)
460-24280-10	PMP-24-VS-E (1-3)	03/30/2011 20:32	50	p45598.d	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: VOAMS13 Start Date: 03/31/2011 11:28

Analysis Batch Number: 69082 End Date: 03/31/2011 22:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-69082/1		03/31/2011 11:28	1	p45625.d	DB-624 0.18(mm)
CCVIS 460-69082/2		03/31/2011 11:47	1	p45626.d	DB-624 0.18(mm)
LCS 460-69082/3		03/31/2011 12:40	50	p45628.d	DB-624 0.18(mm)
MB 460-69082/4		03/31/2011 13:33	50	p45630.d	DB-624 0.18(mm)
460-24280-12	PMP-24-WT-E (6.5-8.5)	03/31/2011 13:58	1000	p45631.d	DB-624 0.18(mm)
460-24280-13	PMP-24-SI-E (10.5-12.5)	03/31/2011 14:23	200	p45632.d	DB-624 0.18(mm)
460-24280-18	PMP-5-WT-E (8-8.5)	03/31/2011 14:48	100	p45633.d	DB-624 0.18(mm)
460-24280-16	PMP-2-SI-E (10.5-11.0)	03/31/2011 15:13	200	p45634.d	DB-624 0.18(mm)
460-24280-11	PMP-24-VD-E (4.5-6.5)	03/31/2011 15:39	200	p45635.d	DB-624 0.18(mm)
ZZZZZ		03/31/2011 18:10	50		DB-624 0.18(mm)
ZZZZZ		03/31/2011 18:35	50		DB-624 0.18(mm)
ZZZZZ		03/31/2011 19:25	50		DB-624 0.18(mm)
ZZZZZ		03/31/2011 20:41	2000		DB-624 0.18(mm)
ZZZZZ		03/31/2011 21:06	1000		DB-624 0.18(mm)
ZZZZZ		03/31/2011 21:32	1000		DB-624 0.18(mm)
ZZZZZ		03/31/2011 22:22	100		DB-624 0.18(mm)
ZZZZZ		03/31/2011 22:47	100		DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Batch Number: 67884 Batch Start Date: 03/19/11 00:06 Batch Analyst: Jin, Fangzhou

Batch Method: 5035 Batch End Date: 03/19/11 00:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	VM8PrepSU 00021	
460-24280-D-10	PMP-24-VS-E (1-3)	5035, 8260B	T	32.73 g	39.47 g	6.74 g	5 mL	5 mL	
460-24280-D-11	PMP-24-VD-E (4.5-6.5)	5035, 8260B	T	33.16 g	39.52 g	6.36 g	5 mL	5 mL	
460-24280-D-12	PMP-24-WT-E (6.5-8.5)	5035, 8260B	T	32.45 g	39.95 g	7.5 g	5 mL	5 mL	
460-24280-D-13	PMP-24-SI-E (10.5-12.5)	5035, 8260B	T	33.03 g	45.57 g	12.54 g	5 mL	5 mL	
460-24280-D-14	PMP-2-VD-E (3.5-4.0)	5035, 8260B	T	34.04 g	41.40 g	7.36 g	5 mL	5 mL	
460-24280-D-15	PMP-2WT-E (8.0-8.5)	5035, 8260B	T	33.27 g	39.12 g	5.85 g	5 mL	5 mL	
460-24280-D-16	PMP-2-SI-E (10.5-11.0)	5035, 8260B	T	33.47 g	52.40 g	18.93 g	5 mL	5 mL	
460-24280-D-18	PMP-5-WT-E (8-8.5)	5035, 8260B	T	32.76 g	38.19 g	5.43 g	5 mL	5 mL	
460-24280-D-19	PMP-5SI-E (10.5-11)	5035, 8260B	T	33.26 g	39.12 g	5.86 g	5 mL	5 mL	

Batch Notes	

Basis	Basis Description
T	Total/NA

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Batch Number: 67886 Batch Start Date: 03/19/11 00:49 Batch Analyst: Jin, Fangzhou

Batch Method: 5035 Batch End Date: 03/19/11 19:06

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount		
460-24280-B-1	PMP-25-VS-E (1-3)	5035, 8260B	T	34.67 g	40.37 g	5.7 g	5 mL		
460-24280-B-2	PMP-25-VD-E (3-5)	5035, 8260B	T	34.76 g	39.44 g	4.68 g	5 mL		
460-24280-B-3	PMP-25-WT-E (7.5-9.5)	5035, 8260B	T	35.58 g	47.61 g	12.03 g	5 mL		
460-24280-B-4	PMP-21-VD-E (3.5-4)	5035, 8260B	T	35.57 g	40.79 g	5.22 g	5 mL		
460-24280-B-5	PMP-21-WT-E (8-8.5)	5035, 8260B	T	34.17 g	40.22 g	6.05 g	5 mL		
460-24280-B-6	PMP-21-SI-E (10.5-11)	5035, 8260B	T	34.86 g	51.33 g	16.47 g	5 mL		
460-24280-B-7	PMP-1-VD-E (3.5-4.0)	5035, 8260B	T	35.29 g	39.96 g	4.67 g	5 mL		
460-24280-B-8	PMP-1-WT-E (8-8.5)	5035, 8260B	T	34.58 g	40.43 g	5.85 g	5 mL		
460-24280-C-9	PMP-1-SI-E (10.5-11.0)	5035, 8260B	T	35.22 g	41.36 g	6.14 g	5 mL		
460-24280-B-17	PMP-5-VD-E (3.5-4)	5035, 8260B	T	34.60 g	39.34 g	4.74 g	5 mL		

Batch Notes	

Basis	Basis Description
T	Total/NA

Method 8270C

Semivolatile Organic Compounds (GC/MS) by Method 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
PMP-25-VS-E (1-3)	460-24280-1	78	75	85	85	79	90
PMP-25-VD-E (3-5)	460-24280-2	78	77	82	82	73	80
PMP-25-WT-E (7.5-9.5)	460-24280-3	74	69	78	77	67	78
PMP-21-VD-E (3.5-4)	460-24280-4	71	69	73	75	65	76
PMP-21-WT-E (8-8.5)	460-24280-5	75	72	79	79	60	81
PMP-21-SI-E (10.5-11)	460-24280-6	74	68	79	78	66	86
PMP-1-VD-E (3.5-4.0)	460-24280-7	75	70	75	78	62	78
PMP-1-WT-E (8-8.5)	460-24280-8	77	72	79	82	60	76
PMP-1-SI-E (10.5-11.0)	460-24280-9	79	76	78	77	68	81
PMP-24-VS-E (1-3)	460-24280-10	85	89	82	86	78	79
PMP-24-VD-E (4.5-6.5)	460-24280-11	90	91	88	99	108	93
PMP-24-WT-E (6.5-8.5)	460-24280-12	95	93	109 X	104	86	94
PMP-24-SI-E (10.5-12.5)	460-24280-13	70	75	110 X	97	77	85
PMP-2-VD-E (3.5-4.0)	460-24280-14	77	72	81	84	78	81
PMP-2WT-E (8.0-8.5) DL	460-24280-15 DL	0 D	0 D	0 D	0 D	0 D	0 D
PMP-2-SI-E (10.5-11.0)	460-24280-16	77	80	127 X	96	75	66
PMP-5-VD-E (3.5-4)	460-24280-17	62	73	76	72	63	70
PMP-5-WT-E (8-8.5)	460-24280-18	87	94	123 X	101	78	79
PMP-5SI-E (10.5-11)	460-24280-19	84	87	125 X	96	77	82
	MB 460-68998/1-A	83	82	86	85	75	77
	LCS 460-68998/2-A	79	78	85	86	83	78
PMP-21-VD-E (3.5-4) MS	460-24280-4 MS	79	78	85	86	80	80
PMP-21-VD-E (3.5-4) MSD	460-24280-4 MSD	77	75	83	83	79	80

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

Column to be used to flag recovery values

FORM II 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p10192.d

Lab ID: LCS 460-68998/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Phenol	6670	5090	76	54-115	
2-Chlorophenol	6670	5420	81	56-110	
2-Methylphenol	6670	5280	79	54-117	
4-Methylphenol	6670	4690	70	47-103	
Benzaldehyde	3330	5250	157	10-160	
Acetophenone	3330	2760	83	40-95	
Bis(2-chloroethyl)ether	3330	2840	85	44-101	
2,2'-oxybis[1-chloropropane]	3330	2880	86	45-102	
N-Nitrosodi-n-propylamine	3330	2990	90	42-107	
Nitrobenzene	3330	2920	88	42-106	
Hexachloroethane	3330	2870	86	45-90	
Isophorone	3330	2860	86	48-97	
2-Nitrophenol	6670	6170	93	55-101	
2,4-Dimethylphenol	6670	5500	83	56-112	
2,4-Dichlorophenol	6670	5570	84	58-115	
Bis(2-chloroethoxy)methane	3330	2980	89	51-100	
Naphthalene	3330	2920	88	53-94	
4-Chloroaniline	3330	1620	49	10-96	
Hexachlorobutadiene	3330	3100	93	45-98	
Caprolactam	3330	3180	95	10-127	
4-Chloro-3-methylphenol	6670	5380	81	55-117	
2-Methylnaphthalene	3330	2880	86	51-98	
Hexachlorobenzene	3330	3050	91	43-104	
Hexachlorocyclopentadiene	3330	3260	98	24-98	
2,4,6-Trichlorophenol	6670	5870	88	53-118	
2,4,5-Trichlorophenol	6670	5880	88	50-115	
Diphenyl	3330	3080	92	50-105	
2-Chloronaphthalene	3330	3060	92	51-102	
2-Nitroaniline	3330	3140	94	51-109	
2,6-Dinitrotoluene	3330	3040	91	51-115	
Dimethyl phthalate	3330	3020	91	52-112	
Acenaphthylene	3330	2900	87	51-103	
3-Nitroaniline	3330	2040	61	32-104	
Acenaphthene	3330	2950	89	46-100	
4-Nitrophenol	6670	5120	77	45-114	
2,4-Dinitrophenol	6670	5420	81	10-129	
Dibenzofuran	3330	2920	87	52-106	
Diethyl phthalate	3330	2970	89	52-114	
Fluorene	3330	2970	89	51-108	
Fluoranthene	3330	3090	93	49-108	
Di-n-butyl phthalate	3330	3130	94	50-108	
2,4-Dinitrotoluene	3330	2950	89	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p10192.d

Lab ID: LCS 460-68998/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3330	2940	88	50-106	
4-Nitroaniline	3330	2830	85	45-106	
4,6-Dinitro-2-methylphenol	6670	5630	84	10-110	
4-Bromophenyl phenyl ether	3330	3160	95	44-102	
Atrazine	3330	2490	75	30-100	
Anthracene	3330	3000	90	50-107	
Carbazole	3330	3040	91	49-104	
Phenanthrene	3330	3010	90	48-108	
Pentachlorophenol	6670	5470	82	19-113	
Pyrene	3330	2800	84	49-116	
Chrysene	3330	3060	92	45-114	
Benzo[k]fluoranthene	3330	2850	86	35-115	
Benzo[g,h,i]perylene	3330	3100	93	43-106	
Benzo[b]fluoranthene	3330	3110	93	33-96	
Benzo[a]pyrene	3330	2910	87	36-89	
Benzo[a]anthracene	3330	3140	94	46-112	
N-Nitrosodiphenylamine	3330	3100	93	49-106	
Butyl benzyl phthalate	3330	3100	93	49-117	
Bis(2-ethylhexyl) phthalate	3330	3050	92	49-119	
Di-n-octyl phthalate	3330	3110	93	40-106	
Indeno[1,2,3-cd]pyrene	3330	3120	94	43-109	
Dibenz(a,h)anthracene	3330	3210	96	43-107	
3,3'-Dichlorobenzidine	3330	2290	69	24-105	
1,2,4,5-Tetrachlorobenzene	3330	3140	94	70-130	
2,3,4,6-Tetrachlorophenol	3330	2930	88	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p10197.d

Lab ID: 460-24280-4 MS Client ID: PMP-21-VD-E (3.5-4) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Phenol	7080	350 U	5280	75	54-115	
2-Chlorophenol	7080	350 U	5640	80	56-110	
2-Methylphenol	7080	350 U	5510	78	54-117	
4-Methylphenol	7080	350 U	4980	70	47-103	
Benzaldehyde	3540	350 U	5500	156	10-160	
Acetophenone	3540	350 U	2860	81	40-95	
Bis(2-chloroethyl)ether	3540	35 U	3060	87	44-101	
2,2'-oxybis[1-chloropropane]	3540	350 U	2910	82	45-102	
N-Nitrosodi-n-propylamine	3540	35 U	3100	88	42-107	
Nitrobenzene	3540	35 U	3060	86	42-106	
Hexachloroethane	3540	35 U	2980	84	45-90	
Isophorone	3540	350 U	3070	87	48-97	
2-Nitrophenol	7080	350 U	6460	91	55-101	
2,4-Dimethylphenol	7080	350 U	5840	83	56-112	
2,4-Dichlorophenol	7080	350 U	5910	84	58-115	
Bis(2-chloroethoxy)methane	3540	350 U	3160	89	51-100	
Naphthalene	3540	350 U	3030	85	53-94	
4-Chloroaniline	3540	350 U	2330	66	10-96	
Hexachlorobutadiene	3540	71 U	3220	91	45-98	
Caprolactam	3540	350 U	3220	91	10-127	
4-Chloro-3-methylphenol	7080	350 U	5770	81	55-117	
2-Methylnaphthalene	3540	350 U	3060	87	51-98	
Hexachlorobenzene	3540	35 U	3330	94	43-104	
Hexachlorocyclopentadiene	3540	350 U	3310	94	24-98	
2,4,6-Trichlorophenol	7080	350 U	6090	86	53-118	
2,4,5-Trichlorophenol	7080	350 U	6100	86	50-115	
Diphenyl	3540	350 U	3180	90	50-105	
2-Chloronaphthalene	3540	350 U	3130	89	51-102	
2-Nitroaniline	3540	710 U	3020	85	51-109	
2,6-Dinitrotoluene	3540	71 U	3140	89	51-115	
Dimethyl phthalate	3540	350 U	3090	87	52-112	
Acenaphthylene	3540	350 U	3050	86	51-103	
3-Nitroaniline	3540	710 U	2320	65	32-104	
Acenaphthene	3540	350 U	3110	88	46-100	
4-Nitrophenol	7080	1100 U	3770	53	45-114	
2,4-Dinitrophenol	7080	1100 U	5520	78	10-129	
Dibenzofuran	3540	350 U	2980	84	52-106	
Diethyl phthalate	3540	350 U	2980	84	52-114	
Fluorene	3540	350 U	3000	85	51-108	
Fluoranthene	3540	350 U	3250	92	49-108	
Di-n-butyl phthalate	3540	350 U	3350	95	50-108	
2,4-Dinitrotoluene	3540	71 U	2890	82	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p10197.d

Lab ID: 460-24280-4 MS Client ID: PMP-21-VD-E (3.5-4) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3540	350 U	3020	85	50-106	
4-Nitroaniline	3540	710 U	2720	77	45-106	
4,6-Dinitro-2-methylphenol	7080	1100 U	6060	86	10-110	
4-Bromophenyl phenyl ether	3540	350 U	3480	98	44-102	
Atrazine	3540	350 U	2680	76	30-100	
Anthracene	3540	350 U	3180	90	50-107	
Carbazole	3540	350 U	3230	91	49-104	
Phenanthrene	3540	350 U	3180	90	48-108	
Pentachlorophenol	7080	1100 U	5660	80	19-113	
Pyrene	3540	350 U	2900	82	49-116	
Chrysene	3540	350 U	3240	92	45-114	
Benzo[k]fluoranthene	3540	35 U	3150	89	35-115	
Benzo[g,h,i]perylene	3540	350 U	3180	90	43-106	
Benzo[b]fluoranthene	3540	35 U	3010	85	33-96	
Benzo[a]pyrene	3540	35 U	3120	88	36-89	
Benzo[a]anthracene	3540	35 U	3280	93	46-112	
N-Nitrosodiphenylamine	3540	350 U	3390	96	49-106	
Butyl benzyl phthalate	3540	350 U	3270	92	49-117	
Bis(2-ethylhexyl) phthalate	3540	350 U	3270	92	49-119	
Di-n-octyl phthalate	3540	350 U	3220	91	40-106	
Indeno[1,2,3-cd]pyrene	3540	35 U	3200	91	43-109	
Dibenz(a,h)anthracene	3540	35 U	3310	94	43-107	
3,3'-Dichlorobenzidine	3540	710 U	2660	75	24-105	
1,2,4,5-Tetrachlorobenzene	3540	350 U	3210	91	70-130	
2,3,4,6-Tetrachlorophenol	3540	350 U	3030	86	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p10198.d

Lab ID: 460-24280-4 MSD Client ID: PMP-21-VD-E (3.5-4) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Phenol	7110	5340	75	1	30	54-115	
2-Chlorophenol	7110	5720	80	1	30	56-110	
2-Methylphenol	7110	5670	80	3	30	54-117	
4-Methylphenol	7110	5060	71	2	30	47-103	
Benzaldehyde	3550	5570	157	1	30	10-160	
Acetophenone	3550	2930	82	2	30	40-95	
Bis(2-chloroethyl)ether	3550	3010	85	2	30	44-101	
2,2'-oxybis[1-chloropropane]	3550	2980	84	3	30	45-102	
N-Nitrosodi-n-propylamine	3550	3180	89	2	30	42-107	
Nitrobenzene	3550	3040	85	1	30	42-106	
Hexachloroethane	3550	2970	83	1	30	45-90	
Isophorone	3550	3120	88	2	30	48-97	
2-Nitrophenol	7110	6490	91	1	30	55-101	
2,4-Dimethylphenol	7110	6010	85	3	30	56-112	
2,4-Dichlorophenol	7110	6010	84	2	30	58-115	
Bis(2-chloroethoxy)methane	3550	3170	89	0	30	51-100	
Naphthalene	3550	3040	86	1	30	53-94	
4-Chloroaniline	3550	2430	68	4	30	10-96	
Hexachlorobutadiene	3550	3190	90	1	30	45-98	
Caprolactam	3550	3480	98	8	30	10-127	
4-Chloro-3-methylphenol	7110	5990	84	4	30	55-117	
2-Methylnaphthalene	3550	3050	86	0	30	51-98	
Hexachlorobenzene	3550	3450	97	4	30	43-104	
Hexachlorocyclopentadiene	3550	3370	95	2	30	24-98	
2,4,6-Trichlorophenol	7110	6180	87	1	30	53-118	
2,4,5-Trichlorophenol	7110	6260	88	3	30	50-115	
Diphenyl	3550	3260	92	2	30	50-105	
2-Chloronaphthalene	3550	3190	90	2	30	51-102	
2-Nitroaniline	3550	3380	95	11	30	51-109	
2,6-Dinitrotoluene	3550	3360	94	7	30	51-115	
Dimethyl phthalate	3550	3290	92	6	30	52-112	
Acenaphthylene	3550	3150	89	3	30	51-103	
3-Nitroaniline	3550	2570	72	10	30	32-104	
Acenaphthene	3550	3220	91	3	30	46-100	
4-Nitrophenol	7110	3410	48	10	30	45-114	
2,4-Dinitrophenol	7110	5860	82	6	30	10-129	
Dibenzofuran	3550	3150	89	6	30	52-106	
Diethyl phthalate	3550	3170	89	6	30	52-114	
Fluorene	3550	3200	90	7	30	51-108	
Fluoranthene	3550	3180	89	2	30	49-108	
Di-n-butyl phthalate	3550	3360	95	0	30	50-108	
2,4-Dinitrotoluene	3550	3130	88	8	30	53-110	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: p10198.d

Lab ID: 460-24280-4 MSD Client ID: PMP-21-VD-E (3.5-4) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4-Chlorophenyl phenyl ether	3550	3240	91	7	30	50-106	
4-Nitroaniline	3550	2950	83	8	30	45-106	
4,6-Dinitro-2-methylphenol	7110	6180	87	2	30	10-110	
4-Bromophenyl phenyl ether	3550	3560	100	2	30	44-102	
Atrazine	3550	2660	75	1	30	30-100	
Anthracene	3550	3270	92	3	30	50-107	
Carbazole	3550	3180	90	1	30	49-104	
Phenanthrene	3550	3250	92	2	30	48-108	
Pentachlorophenol	7110	5470	77	3	30	19-113	
Pyrene	3550	3110	88	7	30	49-116	
Chrysene	3550	3270	92	1	30	45-114	
Benzo[k]fluoranthene	3550	3310	93	5	30	35-115	
Benzo[g,h,i]perylene	3550	3250	91	2	30	43-106	
Benzo[b]fluoranthene	3550	3130	88	4	30	33-96	
Benzo[a]pyrene	3550	3120	88	0	30	36-89	
Benzo[a]anthracene	3550	3350	94	2	30	46-112	
N-Nitrosodiphenylamine	3550	3480	98	3	30	49-106	
Butyl benzyl phthalate	3550	3370	95	3	30	49-117	
Bis(2-ethylhexyl) phthalate	3550	3350	94	2	30	49-119	
Di-n-octyl phthalate	3550	3400	96	5	30	40-106	
Indeno[1,2,3-cd]pyrene	3550	3240	91	1	30	43-109	
Dibenz(a,h)anthracene	3550	3320	93	0	30	43-107	
3,3'-Dichlorobenzidine	3550	2570	72	3	30	24-105	
1,2,4,5-Tetrachlorobenzene	3550	3270	92	2	30	70-130	
2,3,4,6-Tetrachlorophenol	3550	3200	90	5	30	70-130	

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.: 460-24280-1

SDG No.:

Lab File ID: p10191.d Lab Sample ID: MB 460-68998/1-A

Matrix: Solid Date Extracted: 03/30/2011 20:24

Instrument ID: BNAMS10 Date Analyzed: 04/02/2011 05:39

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-68998/2-A	p10192.d	04/02/2011 06:05
PMP-25-VS-E (1-3)	460-24280-1	p10193.d	04/02/2011 06:32
PMP-25-VD-E (3-5)	460-24280-2	p10194.d	04/02/2011 06:59
PMP-25-WT-E (7.5-9.5)	460-24280-3	p10195.d	04/02/2011 07:27
PMP-21-VD-E (3.5-4)	460-24280-4	p10196.d	04/02/2011 07:54
PMP-21-VD-E (3.5-4) MS	460-24280-4 MS	p10197.d	04/02/2011 08:21
PMP-21-VD-E (3.5-4) MSD	460-24280-4 MSD	p10198.d	04/02/2011 08:48
PMP-21-WT-E (8-8.5)	460-24280-5	p10199.d	04/02/2011 09:15
PMP-21-SI-E (10.5-11)	460-24280-6	p10200.d	04/02/2011 09:42
PMP-1-VD-E (3.5-4.0)	460-24280-7	p10201.d	04/02/2011 10:09
PMP-1-WT-E (8-8.5)	460-24280-8	p10202.d	04/02/2011 10:36
PMP-1-SI-E (10.5-11.0)	460-24280-9	p10203.d	04/02/2011 11:03
PMP-2-VD-E (3.5-4.0)	460-24280-14	p10205.d	04/02/2011 11:57
PMP-24-VS-E (1-3)	460-24280-10	p10211.d	04/02/2011 14:40
PMP-24-VD-E (4.5-6.5)	460-24280-11	p10212.d	04/02/2011 15:07
PMP-24-WT-E (6.5-8.5)	460-24280-12	p10213.d	04/02/2011 15:34
PMP-5-VD-E (3.5-4)	460-24280-17	u66426.d	04/02/2011 20:41
PMP-24-SI-E (10.5-12.5)	460-24280-13	u66429.d	04/02/2011 21:45
PMP-2-SI-E (10.5-11.0)	460-24280-16	u66450.d	04/03/2011 23:00
PMP-5-WT-E (8-8.5)	460-24280-18	u66484.d	04/05/2011 13:21
PMP-5SI-E (10.5-11)	460-24280-19	u66485.d	04/05/2011 13:43
PMP-2WT-E (8.0-8.5) DL	460-24280-15 DL	u66518.d	04/06/2011 17:15

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab File ID: p10126.d DFTPP Injection Date: 03/31/2011

Instrument ID: BNAMS10 DFTPP Injection Time: 00:40

Analysis Batch No.: 69223

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	42.2	
68	Less than 2.0 % of mass 69	0.3	(0.7)1
69	Mass 69 relative abundance	47.3	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	57.4	
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	23.2	
365	Greater than 1.0 % of mass 198	3.2	
441	Present but less than mass 443	10.4	
442	Greater than 40.0 % of mass 198	71.9	
443	17.0 - 23.0 % of mass 442	13.6	(18.9)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-69223/2	p10127.d	03/31/2011	01:00
	IC 460-69223/3	p10128.d	03/31/2011	02:09
	IC 460-69223/4	p10129.d	03/31/2011	02:35
	IC 460-69223/5	p10130.d	03/31/2011	03:02
	IC 460-69223/6	p10131.d	03/31/2011	03:29
	IC 460-69223/7	p10132.d	03/31/2011	03:56

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab File ID: p10189.d DFTPP Injection Date: 04/02/2011

Instrument ID: BNAMS10 DFTPP Injection Time: 04:21

Analysis Batch No.: 69508

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	42.7	
68	Less than 2.0 % of mass 69	0.3	(0.5)1
69	Mass 69 relative abundance	47.2	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	58.8	
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	7.1	
275	10.0 - 30.0 % of mass 198	24.2	
365	Greater than 1.0 % of mass 198	3.3	
441	Present but less than mass 443	10.5	
442	Greater than 40.0 % of mass 198	74.0	
443	17.0 - 23.0 % of mass 442	13.9	(18.8)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-69508/2	p10190.d	04/02/2011	05:00
	MB 460-68998/1-A	p10191.d	04/02/2011	05:39
	LCS 460-68998/2-A	p10192.d	04/02/2011	06:05
PMP-25-VS-E (1-3)	460-24280-1	p10193.d	04/02/2011	06:32
PMP-25-VD-E (3-5)	460-24280-2	p10194.d	04/02/2011	06:59
PMP-25-WT-E (7.5-9.5)	460-24280-3	p10195.d	04/02/2011	07:27
PMP-21-VD-E (3.5-4)	460-24280-4	p10196.d	04/02/2011	07:54
PMP-21-VD-E (3.5-4) MS	460-24280-4 MS	p10197.d	04/02/2011	08:21
PMP-21-VD-E (3.5-4) MSD	460-24280-4 MSD	p10198.d	04/02/2011	08:48
PMP-21-WT-E (8-8.5)	460-24280-5	p10199.d	04/02/2011	09:15
PMP-21-SI-E (10.5-11)	460-24280-6	p10200.d	04/02/2011	09:42
PMP-1-VD-E (3.5-4.0)	460-24280-7	p10201.d	04/02/2011	10:09
PMP-1-WT-E (8-8.5)	460-24280-8	p10202.d	04/02/2011	10:36
PMP-1-SI-E (10.5-11.0)	460-24280-9	p10203.d	04/02/2011	11:03
PMP-2-VD-E (3.5-4.0)	460-24280-14	p10205.d	04/02/2011	11:57
PMP-24-VS-E (1-3)	460-24280-10	p10211.d	04/02/2011	14:40
PMP-24-VD-E (4.5-6.5)	460-24280-11	p10212.d	04/02/2011	15:07
PMP-24-WT-E (6.5-8.5)	460-24280-12	p10213.d	04/02/2011	15:34

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab File ID: u66406.d DFTPP Injection Date: 04/02/2011

Instrument ID: BNAMS4 DFTPP Injection Time: 11:05

Analysis Batch No.: 69345

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	53.7	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	68.0	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	48.6	
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	6.1	
275	10.0 - 30.0 % of mass 198	17.7	
365	Greater than 1.0 % of mass 198	1.8	
441	Present but less than mass 443	11.9	
442	Greater than 40.0 % of mass 198	79.7	
443	17.0 - 23.0 % of mass 442	15.3	(19.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 460-69345/2	u66407.d	04/02/2011	11:25
	IC 460-69345/3	u66408.d	04/02/2011	11:46
	IC 460-69345/4	u66409.d	04/02/2011	12:07
	IC 460-69345/5	u66410.d	04/02/2011	12:29
	IC 460-69345/6	u66411.d	04/02/2011	12:50
	IC 460-69345/7	u66412.d	04/02/2011	13:11

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab File ID: u66414.d DFTPP Injection Date: 04/02/2011

Instrument ID: BNAMS4 DFTPP Injection Time: 16:14

Analysis Batch No.: 69439

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	48.9	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	65.5	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	47.4	
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	6.1	
275	10.0 - 30.0 % of mass 198	18.0	
365	Greater than 1.0 % of mass 198	2.0	
441	Present but less than mass 443	13.1	
442	Greater than 40.0 % of mass 198	86.8	
443	17.0 - 23.0 % of mass 442	16.4	(18.9)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-69439/2	u66415.d	04/02/2011	16:36
PMP-5-VD-E (3.5-4)	460-24280-17	u66426.d	04/02/2011	20:41
PMP-24-SI-E (10.5-12.5)	460-24280-13	u66429.d	04/02/2011	21:45

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab File ID: u66440.d DFTPP Injection Date: 04/03/2011

Instrument ID: BNAMS4 DFTPP Injection Time: 19:02

Analysis Batch No.: 69541

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	52.2	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	68.0	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	48.9	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.6	
275	10.0 - 30.0 % of mass 198	18.7	
365	Greater than 1.0 % of mass 198	1.7	
441	Present but less than mass 443	13.0	
442	Greater than 40.0 % of mass 198	85.6	
443	17.0 - 23.0 % of mass 442	16.4	(19.1)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-69541/2	u66441.d	04/03/2011	19:45
PMP-2-SI-E (10.5-11.0)	460-24280-16	u66450.d	04/03/2011	23:00

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab File ID: u66476.d DFTPP Injection Date: 04/05/2011

Instrument ID: BNAMS4 DFTPP Injection Time: 10:05

Analysis Batch No.: 69824

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	51.9	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	66.6	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	45.8	
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	18.8	
365	Greater than 1.0 % of mass 198	1.9	
441	Present but less than mass 443	13.1	
442	Greater than 40.0 % of mass 198	86.9	
443	17.0 - 23.0 % of mass 442	16.9	(19.4)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-69824/2	u66477.d	04/05/2011	10:23
PMP-5-WT-E (8-8.5)	460-24280-18	u66484.d	04/05/2011	13:21
PMP-5SI-E (10.5-11)	460-24280-19	u66485.d	04/05/2011	13:43

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab File ID: u66504.d DFTPP Injection Date: 04/06/2011

Instrument ID: BNAMS4 DFTPP Injection Time: 10:37

Analysis Batch No.: 69678

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	51.0	
68	Less than 2.0 % of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	65.3	
70	Less than 2.0 % of mass 69	0.0	(0.0)1
127	40.0 - 60.0 % of mass 198	46.2	
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	6.4	
275	10.0 - 30.0 % of mass 198	17.3	
365	Greater than 1.0 % of mass 198	1.5	
441	Present but less than mass 443	11.7	
442	Greater than 40.0 % of mass 198	79.3	
443	17.0 - 23.0 % of mass 442	15.1	(19.1)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-69678/2	u66506.d	04/06/2011	12:13
PMP-2WT-E (8.0-8.5) DL	460-24280-15 DL	u66518.d	04/06/2011	17:15

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Sample No.: CCVIS 460-69508/2 Date Analyzed: 04/02/2011 05:00

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): p10190.d Heated Purge: (Y/N) N

Calibration ID: 10352

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		238727	4.15	805295	5.52	425971	7.32
UPPER LIMIT		477454	4.65	1610590	6.02	851942	7.82
LOWER LIMIT		119364	3.65	402648	5.02	212986	6.82
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-68998/1-A		253799	4.14	902931	5.52	477956	7.32
LCS 460-68998/2-A		247999	4.14	837316	5.52	419630	7.32
460-24280-1	PMP-25-VS-E (1-3)	296741	4.14	997398	5.52	512409	7.31
460-24280-2	PMP-25-VD-E (3-5)	228744	4.14	811178	5.52	431183	7.31
460-24280-3	PMP-25-WT-E (7.5-9.5)	270586	4.14	926722	5.52	490296	7.31
460-24280-4	PMP-21-VD-E (3.5-4)	266346	4.14	933893	5.52	487438	7.31
460-24280-4 MS	PMP-21-VD-E (3.5-4) MS	302982	4.15	1021504	5.52	533677	7.32
460-24280-4 MSD	PMP-21-VD-E (3.5-4) MSD	293055	4.14	998191	5.52	518014	7.32
460-24280-5	PMP-21-WT-E (8-8.5)	295431	4.14	1031748	5.52	544967	7.31
460-24280-6	PMP-21-SI-E (10.5-11)	335899	4.14	1121677	5.52	594898	7.31
460-24280-7	PMP-1-VD-E (3.5-4.0)	241440	4.14	860802	5.52	444870	7.31
460-24280-8	PMP-1-WT-E (8-8.5)	274344	4.14	957765	5.52	504496	7.31
460-24280-9	PMP-1-SI-E (10.5-11.0)	210029	4.14	771550	5.52	439909	7.31
460-24280-14	PMP-2-VD-E (3.5-4.0)	252035	4.14	846354	5.52	425711	7.32
460-24280-10	PMP-24-VS-E (1-3)	176136	4.14	671960	5.52	380574	7.31
460-24280-11	PMP-24-VD-E (4.5-6.5)	155915	4.14	551848	5.52	306837	7.32
460-24280-12	PMP-24-WT-E (6.5-8.5)	245662	4.14	806416	5.52	386510	7.32

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.: 460-24280-1

SDG No.:

Sample No.: CCVIS 460-69508/2 Date Analyzed: 04/02/2011 05:00

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): p10190.d Heated Purge: (Y/N) N

Calibration ID: 10352

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		584478	8.79	450810	11.45	400849	13.24
UPPER LIMIT		1168956	9.29	901620	11.95	801698	13.74
LOWER LIMIT		292239	8.29	225405	10.95	200425	12.74
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-68998/1-A		622676	8.78	511746	11.44	474229	13.23
LCS 460-68998/2-A		562497	8.78	503922	11.44	461430	13.23
460-24280-1	PMP-25-VS-E (1-3)	714244	8.78	459718	11.44	437530	13.22
460-24280-2	PMP-25-VD-E (3-5)	565959	8.78	520312	11.44	433109	13.22
460-24280-3	PMP-25-WT-E (7.5-9.5)	621842	8.78	476628	11.44	443722	13.22
460-24280-4	PMP-21-VD-E (3.5-4)	618958	8.78	523628	11.44	469117	13.22
460-24280-4 MS	PMP-21-VD-E (3.5-4) MS	652829	8.78	582464	11.44	534614	13.23
460-24280-4 MSD	PMP-21-VD-E (3.5-4) MSD	664182	8.78	542702	11.44	478095	13.23
460-24280-5	PMP-21-WT-E (8-8.5)	680932	8.78	479605	11.44	458730	13.22
460-24280-6	PMP-21-SI-E (10.5-11)	768029	8.78	509120	11.44	475358	13.22
460-24280-7	PMP-1-VD-E (3.5-4.0)	603244	8.78	534839	11.44	462445	13.22
460-24280-8	PMP-1-WT-E (8-8.5)	637800	8.78	540673	11.44	499012	13.23
460-24280-9	PMP-1-SI-E (10.5-11.0)	657008	8.78	511625	11.44	495707	13.23
460-24280-14	PMP-2-VD-E (3.5-4.0)	654579	8.79	563276	11.44	494147	13.23
460-24280-10	PMP-24-VS-E (1-3)	614700	8.79	522825	11.44	522916	13.23
460-24280-11	PMP-24-VD-E (4.5-6.5)	508931	8.79	481307	11.44	498710	13.23
460-24280-12	PMP-24-WT-E (6.5-8.5)	521426	8.79	447593	11.44	455405	13.23

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.: 460-24280-1

SDG No.:

Sample No.: CCVIS 460-69439/2 Date Analyzed: 04/02/2011 16:36

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): u66415.d Heated Purge: (Y/N) N

Calibration ID: 10376

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		174806	4.40	670089	5.69	395593	7.44
UPPER LIMIT		349612	4.90	1340178	6.19	791186	7.94
LOWER LIMIT		87403	3.90	335045	5.19	197797	6.94
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-24280-17	PMP-5-VD-E (3.5-4)	191873	4.39	760543	5.67	472583	7.43
460-24280-13	PMP-24-SI-E (10.5-12.5)	204070	4.39	577025	5.68	289145	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.: 460-24280-1

SDG No.:

Sample No.: CCVIS 460-69439/2 Date Analyzed: 04/02/2011 16:36

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): u66415.d Heated Purge: (Y/N) N

Calibration ID: 10376

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		527568	8.90	422373	11.67	307506	13.57
UPPER LIMIT		1055136	9.40	844746	12.17	615012	14.07
LOWER LIMIT		263784	8.40	211187	11.17	153753	13.07
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-24280-17	PMP-5-VD-E (3.5-4)	628993	8.89	596814	11.65	377479	13.56
460-24280-13	PMP-24-SI-E (10.5-12.5)	418406	8.92	404420	11.65	304270	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.: 460-24280-1

SDG No.:

Sample No.: CCVIS 460-69541/2 Date Analyzed: 04/03/2011 19:45

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): u66441.d Heated Purge: (Y/N) N

Calibration ID: 10376

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		194421	4.38	694566	5.67	405662	7.42
UPPER LIMIT		388842	4.88	1389132	6.17	811324	7.92
LOWER LIMIT		97211	3.88	347283	5.17	202831	6.92
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-24280-16	PMP-2-SI-E (10.5-11.0)	204577	4.37	547353	5.67	255036	7.43

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.: 460-24280-1

SDG No.:

Sample No.: CCVIS 460-69541/2 Date Analyzed: 04/03/2011 19:45

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): u66441.d Heated Purge: (Y/N) N

Calibration ID: 10376

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		492796	8.88	291352	11.64	256229	13.53
UPPER LIMIT		985592	9.38	582704	12.14	512458	14.03
LOWER LIMIT		246398	8.38	145676	11.14	128115	13.03
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-24280-16	PMP-2-SI-E (10.5-11.0)	329629	8.89	396393	11.61	305376	13.52

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.: 460-24280-1

SDG No.:

Sample No.: CCVIS 460-69824/2 Date Analyzed: 04/05/2011 10:23

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): u66477.d Heated Purge: (Y/N) N

Calibration ID: 10376

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		187760	4.34	699606	5.63	426493	7.39
UPPER LIMIT		375520	4.84	1399212	6.13	852986	7.89
LOWER LIMIT		93880	3.84	349803	5.13	213247	6.89
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-24280-18	PMP-5-WT-E (8-8.5)	195892	4.33	585107	5.62	287684	7.39
460-24280-19	PMP-5SI-E (10.5-11)	199448	4.33	564556	5.62	294745	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.: 460-24280-1

SDG No.:

Sample No.: CCVIS 460-69824/2 Date Analyzed: 04/05/2011 10:23

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): u66477.d Heated Purge: (Y/N) N

Calibration ID: 10376

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		566034	8.85	319270	11.59	245265	13.48
UPPER LIMIT		1132068	9.35	638540	12.09	490530	13.98
LOWER LIMIT		283017	8.35	159635	11.09	122633	12.98
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-24280-18	PMP-5-WT-E (8-8.5)	342176	8.84	391554	11.57	293155	13.46
460-24280-19	PMP-5SI-E (10.5-11)	366500	8.84	393524	11.56	311359	13.46

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.: 460-24280-1

SDG No.:

Sample No.: CCVIS 460-69678/2 Date Analyzed: 04/06/2011 12:13

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): u66506.d Heated Purge: (Y/N) N

Calibration ID: 10376

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		198621	4.24	677929	5.53	338250	7.28
UPPER LIMIT		397242	4.74	1355858	6.03	676500	7.78
LOWER LIMIT		99311	3.74	338965	5.03	169125	6.78
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-24280-15 DL	PMP-2WT-E (8.0-8.5) DL	225437	4.24	566592	5.53	225940	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.: 460-24280-1

SDG No.:

Sample No.: CCVIS 460-69678/2 Date Analyzed: 04/06/2011 12:13

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): u66506.d Heated Purge: (Y/N) N

Calibration ID: 10376

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		358083	8.74	219656	11.47	140475	13.33
UPPER LIMIT		716166	9.24	439312	11.97	280950	13.83
LOWER LIMIT		179042	8.24	109828	10.97	70238	12.83
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-24280-15 DL	PMP-2WT-E (8.0-8.5) DL	273030	8.75	305602	11.45	194961	13.32

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.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-VS-E (1-3) | Lab Sample ID: 460-24280-1

Matrix: Solid | Lab File ID: p10193.d

Analysis Method: 8270C | Date Collected: 03/17/2011 09:04

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.03(g) | Date Analyzed: 04/02/2011 06:32

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	350	U	350	43
95-57-8	2-Chlorophenol	350	U	350	47
95-48-7	2-Methylphenol	350	U	350	51
106-44-5	4-Methylphenol	350	U	350	58
100-52-7	Benzaldehyde	350	U	350	22
98-86-2	Acetophenone	350	U	350	53
111-44-4	Bis(2-chloroethyl)ether	35	U	35	7.4
108-60-1	2,2'-oxybis[1-chloropropane]	350	U	350	47
621-64-7	N-Nitrosodi-n-propylamine	35	U	35	4.7
98-95-3	Nitrobenzene	35	U	35	7.9
67-72-1	Hexachloroethane	35	U	35	6.0
78-59-1	Isophorone	350	U	350	41
88-75-5	2-Nitrophenol	350	U	350	58
105-67-9	2,4-Dimethylphenol	350	U	350	57
120-83-2	2,4-Dichlorophenol	350	U	350	57
111-91-1	Bis(2-chloroethoxy)methane	350	U	350	51
91-20-3	Naphthalene	350	U	350	52
106-47-8	4-Chloroaniline	350	U	350	45
87-68-3	Hexachlorobutadiene	72	U	72	14
105-60-2	Caprolactam	350	U	350	49
59-50-7	4-Chloro-3-methylphenol	350	U	350	59
91-57-6	2-Methylnaphthalene	350	U	350	52
118-74-1	Hexachlorobenzene	35	U	35	4.9
77-47-4	Hexachlorocyclopentadiene	350	U	350	100
88-06-2	2,4,6-Trichlorophenol	350	U	350	63
95-95-4	2,4,5-Trichlorophenol	350	U	350	68
92-52-4	Diphenyl	350	U	350	58
91-58-7	2-Chloronaphthalene	350	U	350	50
88-74-4	2-Nitroaniline	720	U	720	97
606-20-2	2,6-Dinitrotoluene	72	U	72	9.0
131-11-3	Dimethyl phthalate	350	U	350	48
208-96-8	Acenaphthylene	350	U	350	51
99-09-2	3-Nitroaniline	720	U	720	80
83-32-9	Acenaphthene	350	U	350	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-VS-E (1-3) | Lab Sample ID: 460-24280-1

Matrix: Solid | Lab File ID: p10193.d

Analysis Method: 8270C | Date Collected: 03/17/2011 09:04

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.03(g) | Date Analyzed: 04/02/2011 06:32

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 6.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	91
51-28-5	2,4-Dinitrophenol	1100	U	1100	75
132-64-9	Dibenzofuran	350	U	350	53
84-66-2	Diethyl phthalate	350	U	350	48
86-73-7	Fluorene	350	U	350	60
206-44-0	Fluoranthene	350	U	350	59
84-74-2	Di-n-butyl phthalate	350	U	350	54
121-14-2	2,4-Dinitrotoluene	72	U	72	10
7005-72-3	4-Chlorophenyl phenyl ether	350	U	350	61
100-01-6	4-Nitroaniline	720	U	720	73
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	170
101-55-3	4-Bromophenyl phenyl ether	350	U	350	63
1912-24-9	Atrazine	350	U	350	66
120-12-7	Anthracene	350	U	350	63
86-74-8	Carbazole	350	U	350	56
85-01-8	Phenanthrene	350	U	350	62
87-86-5	Pentachlorophenol	1100	U	1100	170
129-00-0	Pyrene	350	U	350	61
218-01-9	Chrysene	350	U	350	52
207-08-9	Benzo[k]fluoranthene	35	U	35	5.0
191-24-2	Benzo[g,h,i]perylene	350	U	350	37
205-99-2	Benzo[b]fluoranthene	35	U	35	5.3
50-32-8	Benzo[a]pyrene	35	U	35	4.4
56-55-3	Benzo[a]anthracene	35	U	35	6.6
86-30-6	N-Nitrosodiphenylamine	350	U	350	58
85-68-7	Butyl benzyl phthalate	350	U	350	41
117-81-7	Bis(2-ethylhexyl) phthalate	350	U	350	47
117-84-0	Di-n-octyl phthalate	350	U	350	42
193-39-5	Indeno[1,2,3-cd]pyrene	35	U	35	5.7
53-70-3	Dibenz(a,h)anthracene	35	U	35	4.3
91-94-1	3,3'-Dichlorobenzidine	720	U	720	78
95-94-3	1,2,4,5-Tetrachlorobenzene	350	U	350	48
58-90-2	2,3,4,6-Tetrachlorophenol	350	U	350	71

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-VS-E (1-3) Lab Sample ID: 460-24280-1

Matrix: Solid Lab File ID: p10193.d

Analysis Method: 8270C Date Collected: 03/17/2011 09:04

Extract. Method: 3541 Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.03(g) Date Analyzed: 04/02/2011 06:32

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 6.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	85		38-105
4165-62-2	Phenol-d5	75		41-118
1718-51-0	Terphenyl-d14	90		16-151
118-79-6	2,4,6-Tribromophenol	79		10-120
367-12-4	2-Fluorophenol	78		37-125
321-60-8	2-Fluorobiphenyl	85		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-VS-E (1-3) Lab Sample ID: 460-24280-1

Matrix: Solid Lab File ID: p10193.d

Analysis Method: 8270C Date Collected: 03/17/2011 09:04

Extract. Method: 3541 Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.03(g) Date Analyzed: 04/02/2011 06:32

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 6.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 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/8270/03-31-11/02apr11.b/p10193.d
Report Date: 02-Apr-2011 16:06

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10193.d
Lab Smp Id: 460-24280-F-1-E Client Smp ID: PMP-25-VS-E (1-3)
Inj Date : 02-APR-2011 06:32
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24280-F-1-E
Misc Info : 460-24280-F-1-E
Comment   :
Method   : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/8270C_08SP.m
Meth Date : 02-Apr-2011 06:27 asfawa Quant Type: ISTD
Cal Date : 31-MAR-2011 01:00 Cal File: p10127.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	15.03000	Weight of sample extracted (g)
M	6.89076	% 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	2.766	2.748	(0.668)	763263	78.4771	5600
$ 17 Phenol-d5 (SUR)	99	3.771	3.776	(0.911)	865385	74.7845	5300
* 79 1,4-Dichlorobenzene-d4	152	4.141	4.146	(1.000)	296741	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.752	4.758	(0.862)	422077	42.3288	3000
* 80 Naphthalene-d8	136	5.516	5.521	(1.000)	997398	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.650	6.655	(0.909)	707877	42.3736	3000
* 82 Acenaphthene-d10	164	7.314	7.319	(1.000)	512409	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.101	8.107	(1.108)	142267	79.4881	5700
* 83 Phenanthrene-d10	188	8.782	8.788	(1.000)	714244	40.0000	
$ 78 Terphenyl-d14	244	10.363	10.369	(0.906)	454257	44.9370	3200
* 81 Chrysene-d12	240	11.438	11.450	(1.000)	459718	40.0000	
* 84 Perylene-d12	264	13.224	13.236	(1.000)	437530	40.0000	

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10193.d
Report Date: 02-Apr-2011 16:06

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10193.d
Lab Smp Id: 460-24280-F-1-E Client Smp ID: PMP-25-VS-E (1-3)
Inj Date : 02-APR-2011 06:32
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24280-F-1-E
Misc Info : 460-24280-F-1-E
Comment   :
Method   : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/8270C_08SP.m
Meth Date : 02-Apr-2011 06:27 asfawa Quant Type: ISTD
Cal Date : 31-MAR-2011 01:00 Cal File: p10127.d
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

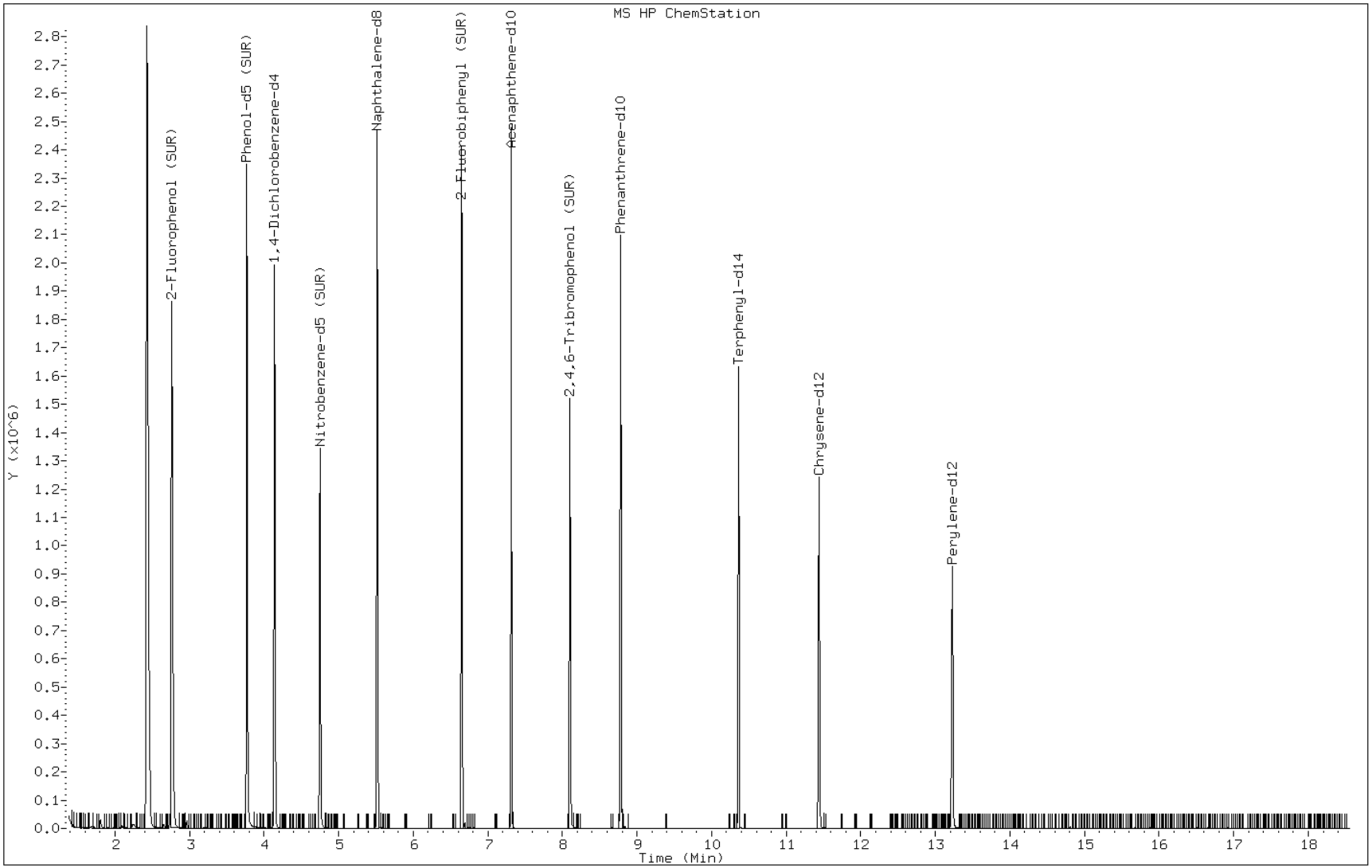
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: p10193.d

Date: 02-APR-2011 06:32

Client ID: PMP-25-VS-E (1-3) Instrument: BNAMS10.i

Sample Info: 460-24280-F-1-E Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-VD-E (3-5) | Lab Sample ID: 460-24280-2

Matrix: Solid | Lab File ID: p10194.d

Analysis Method: 8270C | Date Collected: 03/17/2011 09:09

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 14.96(g) | Date Analyzed: 04/02/2011 06:59

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.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	350	U	350	43
95-57-8	2-Chlorophenol	350	U	350	47
95-48-7	2-Methylphenol	350	U	350	50
106-44-5	4-Methylphenol	350	U	350	57
100-52-7	Benzaldehyde	350	U	350	22
98-86-2	Acetophenone	350	U	350	52
111-44-4	Bis(2-chloroethyl)ether	35	U	35	7.3
108-60-1	2,2'-oxybis[1-chloropropane]	350	U	350	46
621-64-7	N-Nitrosodi-n-propylamine	35	U	35	4.6
98-95-3	Nitrobenzene	35	U	35	7.8
67-72-1	Hexachloroethane	35	U	35	5.9
78-59-1	Isophorone	350	U	350	40
88-75-5	2-Nitrophenol	350	U	350	57
105-67-9	2,4-Dimethylphenol	350	U	350	56
120-83-2	2,4-Dichlorophenol	350	U	350	56
111-91-1	Bis(2-chloroethoxy)methane	350	U	350	50
91-20-3	Naphthalene	350	U	350	51
106-47-8	4-Chloroaniline	350	U	350	44
87-68-3	Hexachlorobutadiene	71	U	71	14
105-60-2	Caprolactam	350	U	350	48
59-50-7	4-Chloro-3-methylphenol	350	U	350	58
91-57-6	2-Methylnaphthalene	350	U	350	51
118-74-1	Hexachlorobenzene	35	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	350	U	350	100
88-06-2	2,4,6-Trichlorophenol	350	U	350	62
95-95-4	2,4,5-Trichlorophenol	350	U	350	67
92-52-4	Diphenyl	350	U	350	57
91-58-7	2-Chloronaphthalene	350	U	350	49
88-74-4	2-Nitroaniline	710	U	710	95
606-20-2	2,6-Dinitrotoluene	71	U	71	8.9
131-11-3	Dimethyl phthalate	350	U	350	47
208-96-8	Acenaphthylene	350	U	350	50
99-09-2	3-Nitroaniline	710	U	710	79
83-32-9	Acenaphthene	350	U	350	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-VD-E (3-5) | Lab Sample ID: 460-24280-2

Matrix: Solid | Lab File ID: p10194.d

Analysis Method: 8270C | Date Collected: 03/17/2011 09:09

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 14.96(g) | Date Analyzed: 04/02/2011 06:59

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.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	90
51-28-5	2,4-Dinitrophenol	1100	U	1100	74
132-64-9	Dibenzofuran	350	U	350	52
84-66-2	Diethyl phthalate	350	U	350	47
86-73-7	Fluorene	350	U	350	59
206-44-0	Fluoranthene	350	U	350	58
84-74-2	Di-n-butyl phthalate	350	U	350	53
121-14-2	2,4-Dinitrotoluene	71	U	71	10
7005-72-3	4-Chlorophenyl phenyl ether	350	U	350	60
100-01-6	4-Nitroaniline	710	U	710	72
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	170
101-55-3	4-Bromophenyl phenyl ether	350	U	350	62
1912-24-9	Atrazine	350	U	350	65
120-12-7	Anthracene	350	U	350	62
86-74-8	Carbazole	350	U	350	55
85-01-8	Phenanthrene	350	U	350	61
87-86-5	Pentachlorophenol	1100	U	1100	170
129-00-0	Pyrene	350	U	350	60
218-01-9	Chrysene	350	U	350	51
207-08-9	Benzo[k]fluoranthene	35	U	35	4.9
191-24-2	Benzo[g,h,i]perylene	350	U	350	37
205-99-2	Benzo[b]fluoranthene	35	U	35	5.2
50-32-8	Benzo[a]pyrene	35	U	35	4.3
56-55-3	Benzo[a]anthracene	35	U	35	6.4
86-30-6	N-Nitrosodiphenylamine	350	U	350	57
85-68-7	Butyl benzyl phthalate	350	U	350	41
117-81-7	Bis(2-ethylhexyl) phthalate	350	U	350	46
117-84-0	Di-n-octyl phthalate	350	U	350	41
193-39-5	Indeno[1,2,3-cd]pyrene	35	U	35	5.6
53-70-3	Dibenz(a,h)anthracene	35	U	35	4.2
91-94-1	3,3'-Dichlorobenzidine	710	U	710	77
95-94-3	1,2,4,5-Tetrachlorobenzene	350	U	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	350	U	350	70

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-VD-E (3-5) | Lab Sample ID: 460-24280-2

Matrix: Solid | Lab File ID: p10194.d

Analysis Method: 8270C | Date Collected: 03/17/2011 09:09

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 14.96(g) | Date Analyzed: 04/02/2011 06:59

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.: 69508 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	82		38-105
4165-62-2	Phenol-d5	77		41-118
1718-51-0	Terphenyl-d14	80		16-151
118-79-6	2,4,6-Tribromophenol	73		10-120
367-12-4	2-Fluorophenol	78		37-125
321-60-8	2-Fluorobiphenyl	82		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-VD-E (3-5) | Lab Sample ID: 460-24280-2

Matrix: Solid | Lab File ID: p10194.d

Analysis Method: 8270C | Date Collected: 03/17/2011 09:09

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 14.96(g) | Date Analyzed: 04/02/2011 06:59

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.: 69508 | 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/8270/03-31-11/02apr11.b/p10194.d
Report Date: 02-Apr-2011 16:06

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10194.d
Lab Smp Id: 460-24280-F-2-C Client Smp ID: PMP-25-VD-E (3-5)
Inj Date : 02-APR-2011 06:59
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24280-F-2-C
Misc Info : 460-24280-F-2-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/8270C_08SP.m
Meth Date : 02-Apr-2011 06:27 asfawa Quant Type: ISTD
Cal Date : 31-MAR-2011 01:00 Cal File: p10127.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	14.96000	Weight of sample extracted (g)
M	4.78723	% 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	2.754	2.748	(0.665)	588519	78.4977	5500
$ 17 Phenol-d5 (SUR)	99	3.771	3.776	(0.911)	687546	77.0783	5400
* 79 1,4-Dichlorobenzene-d4	152	4.141	4.146	(1.000)	228744	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.752	4.758	(0.862)	331215	40.8420	2900
* 80 Naphthalene-d8	136	5.516	5.521	(1.000)	811178	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.650	6.655	(0.909)	578494	41.1521	2900
* 82 Acenaphthene-d10	164	7.314	7.319	(1.000)	431183	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.101	8.107	(1.108)	109373	72.6211	5100
* 83 Phenanthrene-d10	188	8.782	8.788	(1.000)	565959	40.0000	
$ 78 Terphenyl-d14	244	10.363	10.369	(0.906)	454973	39.7664	2800
* 81 Chrysene-d12	240	11.438	11.450	(1.000)	520312	40.0000	
* 84 Perylene-d12	264	13.224	13.236	(1.000)	433109	40.0000	

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10194.d
Report Date: 02-Apr-2011 16:06

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10194.d
Lab Smp Id: 460-24280-F-2-C Client Smp ID: PMP-25-VD-E (3-5)
Inj Date : 02-APR-2011 06:59
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24280-F-2-C
Misc Info : 460-24280-F-2-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/8270C_08SP.m
Meth Date : 02-Apr-2011 06:27 asfawa Quant Type: ISTD
Cal Date : 31-MAR-2011 01:00 Cal File: p10127.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

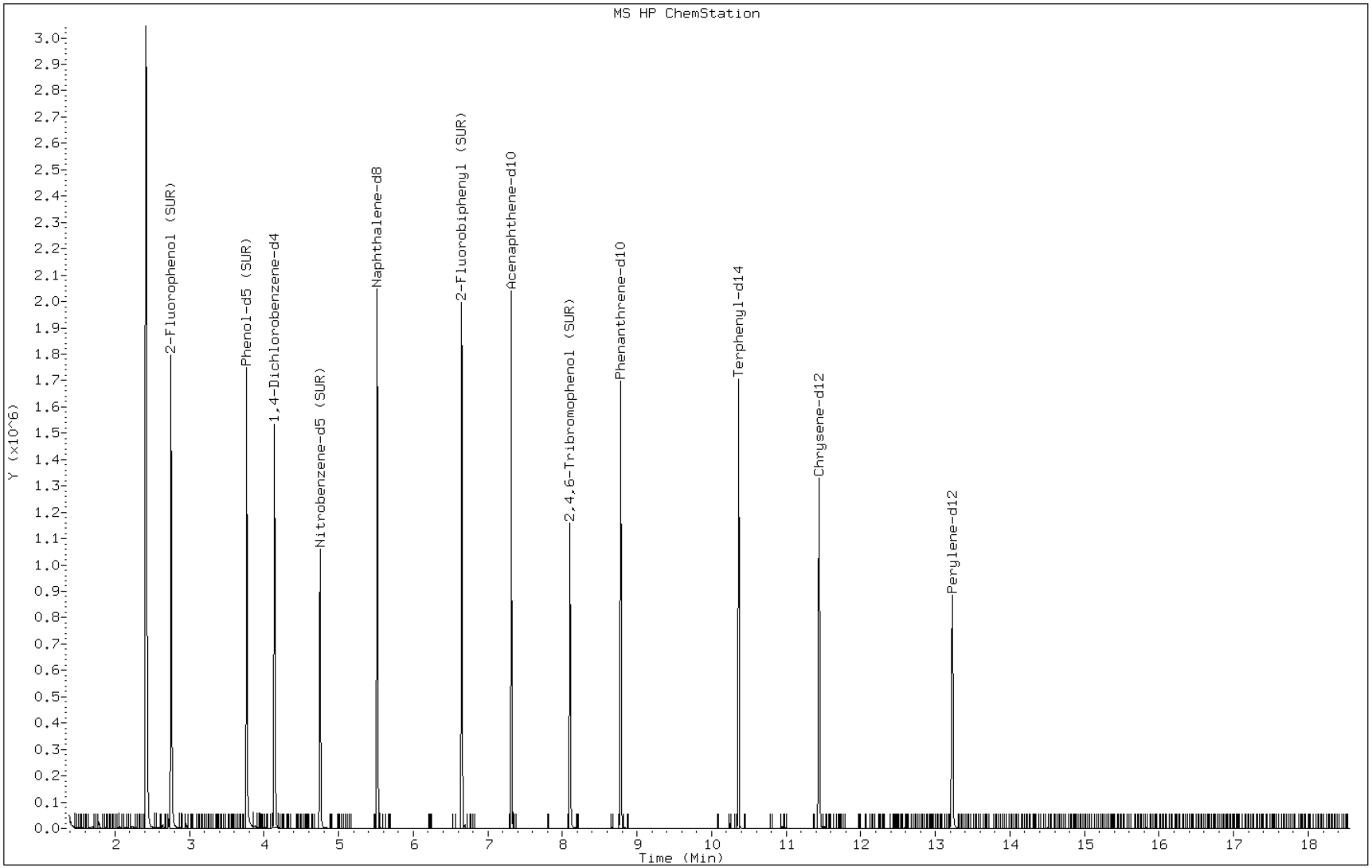
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: p10194.d

Date: 02-APR-2011 06:59

Client ID: PMP-25-VD-E (3-5) Instrument: BNAMS10.i

Sample Info: 460-24280-F-2-C Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-WT-E (7.5-9.5) | Lab Sample ID: 460-24280-3

Matrix: Solid | Lab File ID: p10195.d

Analysis Method: 8270C | Date Collected: 03/17/2011 09:15

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 14.97(g) | Date Analyzed: 04/02/2011 07:27

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	390	U	390	48
95-57-8	2-Chlorophenol	390	U	390	52
95-48-7	2-Methylphenol	390	U	390	56
106-44-5	4-Methylphenol	390	U	390	64
100-52-7	Benzaldehyde	390	U	390	25
98-86-2	Acetophenone	390	U	390	58
111-44-4	Bis(2-chloroethyl)ether	39	U	39	8.2
108-60-1	2,2'-oxybis[1-chloropropane]	390	U	390	51
621-64-7	N-Nitrosodi-n-propylamine	39	U	39	5.2
98-95-3	Nitrobenzene	39	U	39	8.8
67-72-1	Hexachloroethane	39	U	39	6.6
78-59-1	Isophorone	390	U	390	45
88-75-5	2-Nitrophenol	390	U	390	64
105-67-9	2,4-Dimethylphenol	390	U	390	63
120-83-2	2,4-Dichlorophenol	390	U	390	63
111-91-1	Bis(2-chloroethoxy)methane	390	U	390	56
91-20-3	Naphthalene	390	U	390	57
106-47-8	4-Chloroaniline	390	U	390	49
87-68-3	Hexachlorobutadiene	79	U	79	16
105-60-2	Caprolactam	390	U	390	54
59-50-7	4-Chloro-3-methylphenol	390	U	390	66
91-57-6	2-Methylnaphthalene	390	U	390	57
118-74-1	Hexachlorobenzene	39	U	39	5.4
77-47-4	Hexachlorocyclopentadiene	390	U	390	110
88-06-2	2,4,6-Trichlorophenol	390	U	390	70
95-95-4	2,4,5-Trichlorophenol	390	U	390	75
92-52-4	Diphenyl	390	U	390	65
91-58-7	2-Chloronaphthalene	390	U	390	55
88-74-4	2-Nitroaniline	790	U	790	110
606-20-2	2,6-Dinitrotoluene	79	U	79	10
131-11-3	Dimethyl phthalate	390	U	390	53
208-96-8	Acenaphthylene	390	U	390	56
99-09-2	3-Nitroaniline	790	U	790	89
83-32-9	Acenaphthene	390	U	390	56

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-WT-E (7.5-9.5) | Lab Sample ID: 460-24280-3

Matrix: Solid | Lab File ID: p10195.d

Analysis Method: 8270C | Date Collected: 03/17/2011 09:15

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 14.97(g) | Date Analyzed: 04/02/2011 07:27

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	1200	100
51-28-5	2,4-Dinitrophenol	1200	U	1200	83
132-64-9	Dibenzofuran	390	U	390	59
84-66-2	Diethyl phthalate	390	U	390	53
86-73-7	Fluorene	390	U	390	66
206-44-0	Fluoranthene	390	U	390	65
84-74-2	Di-n-butyl phthalate	390	U	390	60
121-14-2	2,4-Dinitrotoluene	79	U	79	11
7005-72-3	4-Chlorophenyl phenyl ether	390	U	390	67
100-01-6	4-Nitroaniline	790	U	790	81
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	190
101-55-3	4-Bromophenyl phenyl ether	390	U	390	70
1912-24-9	Atrazine	390	U	390	73
120-12-7	Anthracene	390	U	390	69
86-74-8	Carbazole	390	U	390	62
85-01-8	Phenanthrene	390	U	390	68
87-86-5	Pentachlorophenol	1200	U	1200	190
129-00-0	Pyrene	390	U	390	68
218-01-9	Chrysene	390	U	390	57
207-08-9	Benzo[k]fluoranthene	39	U	39	5.5
191-24-2	Benzo[g,h,i]perylene	390	U	390	41
205-99-2	Benzo[b]fluoranthene	39	U	39	5.8
50-32-8	Benzo[a]pyrene	39	U	39	4.8
56-55-3	Benzo[a]anthracene	39	U	39	7.2
86-30-6	N-Nitrosodiphenylamine	390	U	390	64
85-68-7	Butyl benzyl phthalate	390	U	390	46
117-81-7	Bis(2-ethylhexyl) phthalate	390	U	390	52
117-84-0	Di-n-octyl phthalate	390	U	390	47
193-39-5	Indeno[1,2,3-cd]pyrene	39	U	39	6.3
53-70-3	Dibenz(a,h)anthracene	39	U	39	4.7
91-94-1	3,3'-Dichlorobenzidine	790	U	790	87
95-94-3	1,2,4,5-Tetrachlorobenzene	390	U	390	53
58-90-2	2,3,4,6-Tetrachlorophenol	390	U	390	78

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-WT-E (7.5-9.5) Lab Sample ID: 460-24280-3

Matrix: Solid Lab File ID: p10195.d

Analysis Method: 8270C Date Collected: 03/17/2011 09:15

Extract. Method: 3541 Date Extracted: 03/30/2011 20:24

Sample wt/vol: 14.97(g) Date Analyzed: 04/02/2011 07:27

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 15.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	78		38-105
4165-62-2	Phenol-d5	69		41-118
1718-51-0	Terphenyl-d14	78		16-151
118-79-6	2,4,6-Tribromophenol	67		10-120
367-12-4	2-Fluorophenol	74		37-125
321-60-8	2-Fluorobiphenyl	77		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-WT-E (7.5-9.5) | Lab Sample ID: 460-24280-3

Matrix: Solid | Lab File ID: p10195.d

Analysis Method: 8270C | Date Collected: 03/17/2011 09:15

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 14.97(g) | Date Analyzed: 04/02/2011 07:27

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 | 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/8270/03-31-11/02apr11.b/p10195.d
Report Date: 02-Apr-2011 16:07

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10195.d
Lab Smp Id: 460-24280-F-3-C Client Smp ID: PMP-25-WT-E (7.5-9.
Inj Date : 02-APR-2011 07:27
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24280-F-3-C
Misc Info : 460-24280-F-3-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/8270C_08SP.m
Meth Date : 02-Apr-2011 06:27 asfawa Quant Type: ISTD
Cal Date : 31-MAR-2011 01:00 Cal File: p10127.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	14.97000	Weight of sample extracted (g)
M	15.39510	% 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	2.760	2.748	(0.667)	656105	73.9800	5800
$ 17 Phenol-d5 (SUR)	99	3.771	3.776	(0.911)	731130	69.2898	5500
* 79 1,4-Dichlorobenzene-d4	152	4.141	4.146	(1.000)	270586	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.752	4.758	(0.862)	362357	39.1111	3100
* 80 Naphthalene-d8	136	5.516	5.521	(1.000)	926722	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.650	6.655	(0.909)	613239	38.3642	3000
* 82 Acenaphthene-d10	164	7.314	7.319	(1.000)	490296	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.101	8.107	(1.108)	113918	66.5194	5200
* 83 Phenanthrene-d10	188	8.782	8.788	(1.000)	621842	40.0000	
$ 78 Terphenyl-d14	244	10.363	10.369	(0.906)	407847	38.9145	3100
* 81 Chrysene-d12	240	11.438	11.450	(1.000)	476628	40.0000	
* 84 Perylene-d12	264	13.224	13.236	(1.000)	443722	40.0000	

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10195.d
Report Date: 02-Apr-2011 16:07

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10195.d
Lab Smp Id: 460-24280-F-3-C Client Smp ID: PMP-25-WT-E (7.5-9.
Inj Date : 02-APR-2011 07:27
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24280-F-3-C
Misc Info : 460-24280-F-3-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/8270C_08SP.m
Meth Date : 02-Apr-2011 06:27 asfawa Quant Type: ISTD
Cal Date : 31-MAR-2011 01:00 Cal File: p10127.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

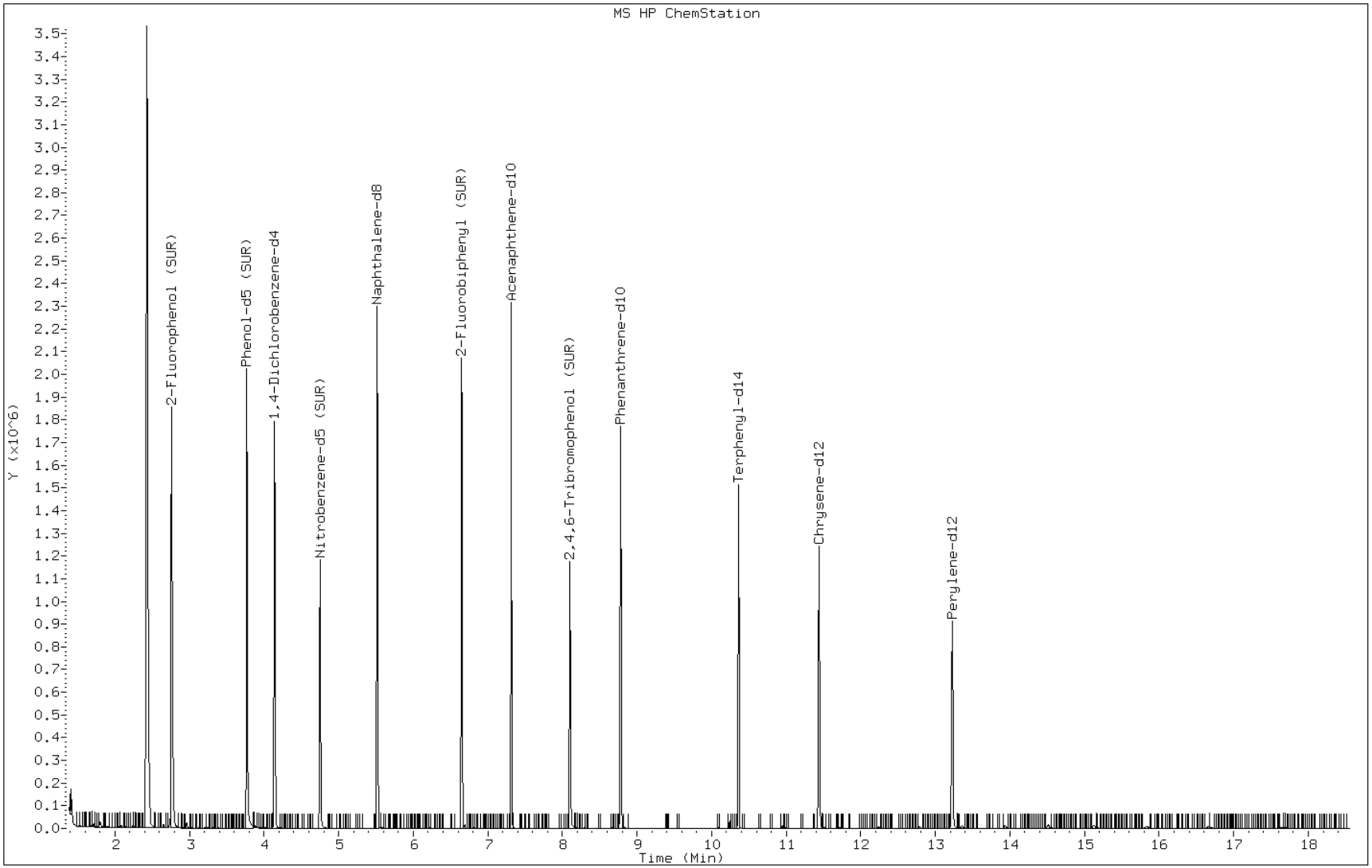
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: p10195.d

Date: 02-APR-2011 07:27

Client ID: PMP-25-WT-E (7.5-9. Instrument: BNAMS10.i

Sample Info: 460-24280-F-3-C Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-VD-E (3.5-4) | Lab Sample ID: 460-24280-4

Matrix: Solid | Lab File ID: p10196.d

Analysis Method: 8270C | Date Collected: 03/17/2011 09:20

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 14.95(g) | Date Analyzed: 04/02/2011 07:54

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.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	350	U	350	43
95-57-8	2-Chlorophenol	350	U	350	47
95-48-7	2-Methylphenol	350	U	350	51
106-44-5	4-Methylphenol	350	U	350	58
100-52-7	Benzaldehyde	350	U	350	22
98-86-2	Acetophenone	350	U	350	52
111-44-4	Bis(2-chloroethyl)ether	35	U	35	7.3
108-60-1	2,2'-oxybis[1-chloropropane]	350	U	350	46
621-64-7	N-Nitrosodi-n-propylamine	35	U	35	4.7
98-95-3	Nitrobenzene	35	U	35	7.9
67-72-1	Hexachloroethane	35	U	35	6.0
78-59-1	Isophorone	350	U	350	41
88-75-5	2-Nitrophenol	350	U	350	58
105-67-9	2,4-Dimethylphenol	350	U	350	57
120-83-2	2,4-Dichlorophenol	350	U	350	57
111-91-1	Bis(2-chloroethoxy)methane	350	U	350	50
91-20-3	Naphthalene	350	U	350	52
106-47-8	4-Chloroaniline	350	U	350	44
87-68-3	Hexachlorobutadiene	71	U	71	14
105-60-2	Caprolactam	350	U	350	48
59-50-7	4-Chloro-3-methylphenol	350	U	350	59
91-57-6	2-Methylnaphthalene	350	U	350	52
118-74-1	Hexachlorobenzene	35	U	35	4.9
77-47-4	Hexachlorocyclopentadiene	350	U	350	100
88-06-2	2,4,6-Trichlorophenol	350	U	350	63
95-95-4	2,4,5-Trichlorophenol	350	U	350	68
92-52-4	Diphenyl	350	U	350	58
91-58-7	2-Chloronaphthalene	350	U	350	50
88-74-4	2-Nitroaniline	710	U	710	97
606-20-2	2,6-Dinitrotoluene	71	U	71	9.0
131-11-3	Dimethyl phthalate	350	U	350	48
208-96-8	Acenaphthylene	350	U	350	50
99-09-2	3-Nitroaniline	710	U	710	80
83-32-9	Acenaphthene	350	U	350	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-VD-E (3.5-4) | Lab Sample ID: 460-24280-4

Matrix: Solid | Lab File ID: p10196.d

Analysis Method: 8270C | Date Collected: 03/17/2011 09:20

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 14.95(g) | Date Analyzed: 04/02/2011 07:54

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.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	91
51-28-5	2,4-Dinitrophenol	1100	U	1100	75
132-64-9	Dibenzofuran	350	U	350	53
84-66-2	Diethyl phthalate	350	U	350	47
86-73-7	Fluorene	350	U	350	60
206-44-0	Fluoranthene	350	U	350	59
84-74-2	Di-n-butyl phthalate	350	U	350	54
121-14-2	2,4-Dinitrotoluene	71	U	71	10
7005-72-3	4-Chlorophenyl phenyl ether	350	U	350	61
100-01-6	4-Nitroaniline	710	U	710	73
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	170
101-55-3	4-Bromophenyl phenyl ether	350	U	350	63
1912-24-9	Atrazine	350	U	350	66
120-12-7	Anthracene	350	U	350	62
86-74-8	Carbazole	350	U	350	56
85-01-8	Phenanthrene	350	U	350	62
87-86-5	Pentachlorophenol	1100	U	1100	170
129-00-0	Pyrene	350	U	350	61
218-01-9	Chrysene	350	U	350	51
207-08-9	Benzo[k]fluoranthene	35	U	35	4.9
191-24-2	Benzo[g,h,i]perylene	350	U	350	37
205-99-2	Benzo[b]fluoranthene	35	U	35	5.2
50-32-8	Benzo[a]pyrene	35	U	35	4.3
56-55-3	Benzo[a]anthracene	35	U	35	6.5
86-30-6	N-Nitrosodiphenylamine	350	U	350	57
85-68-7	Butyl benzyl phthalate	350	U	350	41
117-81-7	Bis(2-ethylhexyl) phthalate	350	U	350	47
117-84-0	Di-n-octyl phthalate	350	U	350	42
193-39-5	Indeno[1,2,3-cd]pyrene	35	U	35	5.6
53-70-3	Dibenz(a,h)anthracene	35	U	35	4.2
91-94-1	3,3'-Dichlorobenzidine	710	U	710	78
95-94-3	1,2,4,5-Tetrachlorobenzene	350	U	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	350	U	350	71

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-VD-E (3.5-4) Lab Sample ID: 460-24280-4

Matrix: Solid Lab File ID: p10196.d

Analysis Method: 8270C Date Collected: 03/17/2011 09:20

Extract. Method: 3541 Date Extracted: 03/30/2011 20:24

Sample wt/vol: 14.95(g) Date Analyzed: 04/02/2011 07:54

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.: 69508 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	73		38-105
4165-62-2	Phenol-d5	69		41-118
1718-51-0	Terphenyl-d14	76		16-151
118-79-6	2,4,6-Tribromophenol	65		10-120
367-12-4	2-Fluorophenol	71		37-125
321-60-8	2-Fluorobiphenyl	75		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-VD-E (3.5-4) | Lab Sample ID: 460-24280-4

Matrix: Solid | Lab File ID: p10196.d

Analysis Method: 8270C | Date Collected: 03/17/2011 09:20

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 14.95(g) | Date Analyzed: 04/02/2011 07:54

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.: 69508 | 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/8270/03-31-11/02apr11.b/p10196.d
Report Date: 02-Apr-2011 16:07

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10196.d
Lab Smp Id: 460-24280-F-4-E Client Smp ID: PMP-21-VD-E (3.5-4)
Inj Date : 02-APR-2011 07:54
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24280-F-4-E
Misc Info : 460-24280-F-4-E
Comment   :
Method   : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/8270C_08SP.m
Meth Date : 02-Apr-2011 06:27 asfawa Quant Type: ISTD
Cal Date : 31-MAR-2011 01:00 Cal File: p10127.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	14.95000	Weight of sample extracted (g)
M	5.91716	% 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	2.760	2.748	(0.667)	620216	71.0465	5000
$ 17 Phenol-d5 (SUR)	99	3.771	3.776	(0.911)	713890	68.7330	4900
* 79 1,4-Dichlorobenzene-d4	152	4.141	4.146	(1.000)	266346	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.752	4.758	(0.862)	340560	36.4762	2600
* 80 Naphthalene-d8	136	5.516	5.521	(1.000)	933893	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.650	6.655	(0.909)	597753	37.6146	2700
* 82 Acenaphthene-d10	164	7.314	7.319	(1.000)	487438	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.101	8.107	(1.108)	111153	65.2854	4600
* 83 Phenanthrene-d10	188	8.782	8.788	(1.000)	618958	40.0000	
$ 78 Terphenyl-d14	244	10.363	10.369	(0.906)	436030	37.8693	2700
* 81 Chrysene-d12	240	11.438	11.450	(1.000)	523628	40.0000	
* 84 Perylene-d12	264	13.224	13.236	(1.000)	469117	40.0000	

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10196.d
Report Date: 02-Apr-2011 16:07

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10196.d
Lab Smp Id: 460-24280-F-4-E Client Smp ID: PMP-21-VD-E (3.5-4)
Inj Date : 02-APR-2011 07:54
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24280-F-4-E
Misc Info : 460-24280-F-4-E
Comment   :
Method   : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/8270C_08SP.m
Meth Date : 02-Apr-2011 06:27 asfawa Quant Type: ISTD
Cal Date : 31-MAR-2011 01:00 Cal File: p10127.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

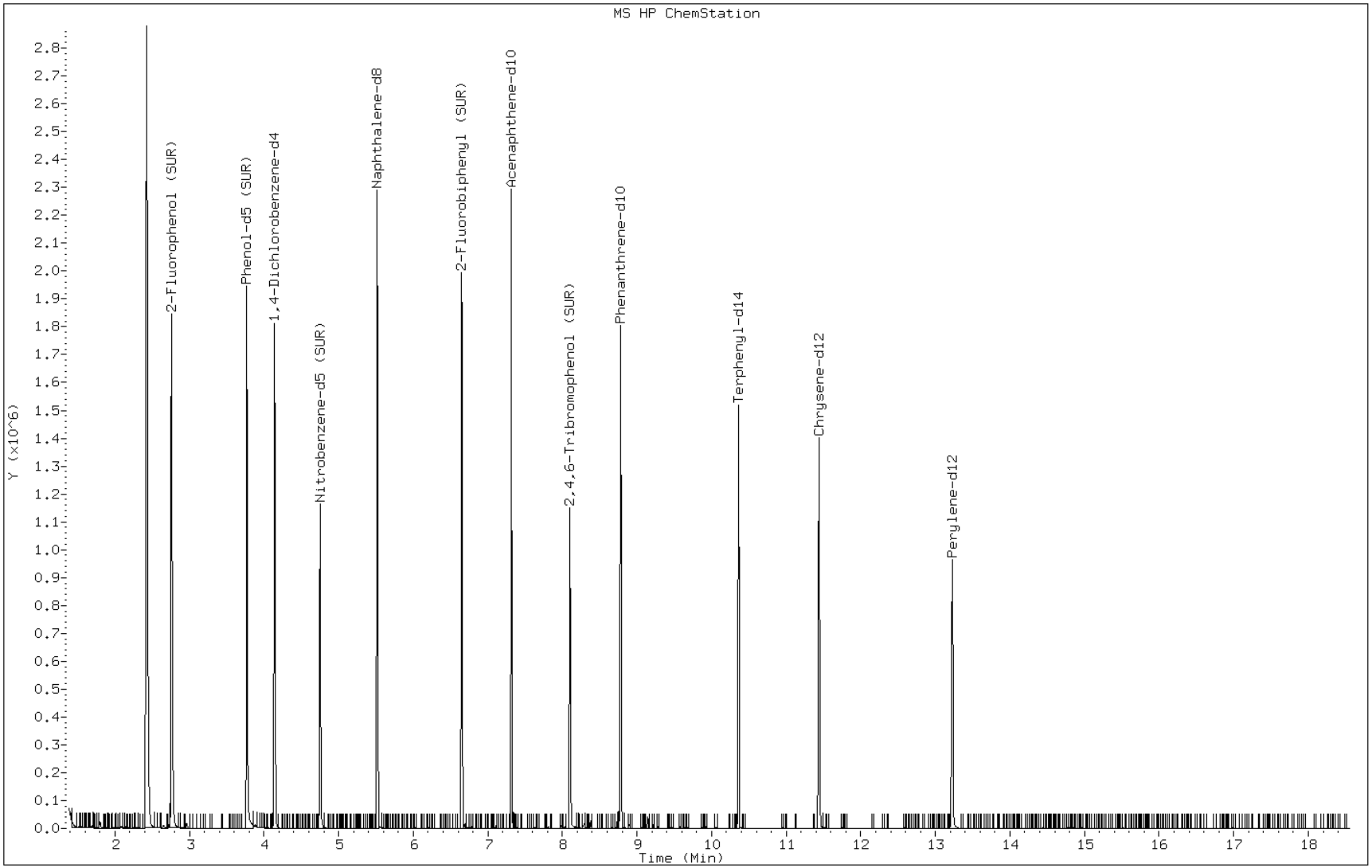
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: p10196.d

Date: 02-APR-2011 07:54

Client ID: PMP-21-VD-E (3.5-4) Instrument: BNAMS10.i

Sample Info: 460-24280-F-4-E Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-WT-E (8-8.5) | Lab Sample ID: 460-24280-5

Matrix: Solid | Lab File ID: p10199.d

Analysis Method: 8270C | Date Collected: 03/17/2011 09:25

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 14.95(g) | Date Analyzed: 04/02/2011 09:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	390	U	390	48
95-57-8	2-Chlorophenol	390	U	390	53
95-48-7	2-Methylphenol	390	U	390	57
106-44-5	4-Methylphenol	390	U	390	64
100-52-7	Benzaldehyde	390	U	390	25
98-86-2	Acetophenone	390	U	390	58
111-44-4	Bis(2-chloroethyl)ether	39	U	39	8.2
108-60-1	2,2'-oxybis[1-chloropropane]	390	U	390	52
621-64-7	N-Nitrosodi-n-propylamine	39	U	39	5.2
98-95-3	Nitrobenzene	39	U	39	8.8
67-72-1	Hexachloroethane	39	U	39	6.6
78-59-1	Isophorone	390	U	390	45
88-75-5	2-Nitrophenol	390	U	390	65
105-67-9	2,4-Dimethylphenol	390	U	390	63
120-83-2	2,4-Dichlorophenol	390	U	390	63
111-91-1	Bis(2-chloroethoxy)methane	390	U	390	56
91-20-3	Naphthalene	390	U	390	58
106-47-8	4-Chloroaniline	390	U	390	49
87-68-3	Hexachlorobutadiene	80	U	80	16
105-60-2	Caprolactam	390	U	390	54
59-50-7	4-Chloro-3-methylphenol	390	U	390	66
91-57-6	2-Methylnaphthalene	390	U	390	57
118-74-1	Hexachlorobenzene	39	U	39	5.5
77-47-4	Hexachlorocyclopentadiene	390	U	390	110
88-06-2	2,4,6-Trichlorophenol	390	U	390	70
95-95-4	2,4,5-Trichlorophenol	390	U	390	76
92-52-4	Diphenyl	390	U	390	65
91-58-7	2-Chloronaphthalene	390	U	390	56
88-74-4	2-Nitroaniline	800	U	800	110
606-20-2	2,6-Dinitrotoluene	80	U	80	10
131-11-3	Dimethyl phthalate	390	U	390	53
208-96-8	Acenaphthylene	390	U	390	56
99-09-2	3-Nitroaniline	800	U	800	89
83-32-9	Acenaphthene	390	U	390	56

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-WT-E (8-8.5) | Lab Sample ID: 460-24280-5

Matrix: Solid | Lab File ID: p10199.d

Analysis Method: 8270C | Date Collected: 03/17/2011 09:25

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 14.95(g) | Date Analyzed: 04/02/2011 09:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 15.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	1200	100
51-28-5	2,4-Dinitrophenol	1200	U	1200	83
132-64-9	Dibenzofuran	390	U	390	59
84-66-2	Diethyl phthalate	390	U	390	53
86-73-7	Fluorene	390	U	390	67
206-44-0	Fluoranthene	390	U	390	65
84-74-2	Di-n-butyl phthalate	390	U	390	60
121-14-2	2,4-Dinitrotoluene	80	U	80	11
7005-72-3	4-Chlorophenyl phenyl ether	390	U	390	68
100-01-6	4-Nitroaniline	800	U	800	81
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	190
101-55-3	4-Bromophenyl phenyl ether	390	U	390	70
1912-24-9	Atrazine	390	U	390	73
120-12-7	Anthracene	390	U	390	69
86-74-8	Carbazole	390	U	390	63
85-01-8	Phenanthrene	390	U	390	69
87-86-5	Pentachlorophenol	1200	U	1200	190
129-00-0	Pyrene	390	U	390	68
218-01-9	Chrysene	390	U	390	57
207-08-9	Benzo[k]fluoranthene	39	U	39	5.5
191-24-2	Benzo[g,h,i]perylene	390	U	390	41
205-99-2	Benzo[b]fluoranthene	39	U	39	5.8
50-32-8	Benzo[a]pyrene	39	U	39	4.8
56-55-3	Benzo[a]anthracene	39	U	39	7.3
86-30-6	N-Nitrosodiphenylamine	390	U	390	64
85-68-7	Butyl benzyl phthalate	390	U	390	46
117-81-7	Bis(2-ethylhexyl) phthalate	390	U	390	52
117-84-0	Di-n-octyl phthalate	390	U	390	47
193-39-5	Indeno[1,2,3-cd]pyrene	39	U	39	6.3
53-70-3	Dibenz(a,h)anthracene	39	U	39	4.7
91-94-1	3,3'-Dichlorobenzidine	800	U	800	87
95-94-3	1,2,4,5-Tetrachlorobenzene	390	U	390	53
58-90-2	2,3,4,6-Tetrachlorophenol	390	U	390	79

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-WT-E (8-8.5) Lab Sample ID: 460-24280-5

Matrix: Solid Lab File ID: p10199.d

Analysis Method: 8270C Date Collected: 03/17/2011 09:25

Extract. Method: 3541 Date Extracted: 03/30/2011 20:24

Sample wt/vol: 14.95(g) Date Analyzed: 04/02/2011 09:15

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 15.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	79		38-105
4165-62-2	Phenol-d5	72		41-118
1718-51-0	Terphenyl-d14	81		16-151
118-79-6	2,4,6-Tribromophenol	60		10-120
367-12-4	2-Fluorophenol	75		37-125
321-60-8	2-Fluorobiphenyl	79		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-WT-E (8-8.5) Lab Sample ID: 460-24280-5

Matrix: Solid Lab File ID: p10199.d

Analysis Method: 8270C Date Collected: 03/17/2011 09:25

Extract. Method: 3541 Date Extracted: 03/30/2011 20:24

Sample wt/vol: 14.95(g) Date Analyzed: 04/02/2011 09:15

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 15.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 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/8270/03-31-11/02apr11.b/p10199.d
Report Date: 02-Apr-2011 16:10

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10199.d
Lab Smp Id: 460-24280-F-5-C Client Smp ID: PMP-21-WT-E (8-8.5)
Inj Date : 02-APR-2011 09:15
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24280-F-5-C
Misc Info : 460-24280-F-5-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/8270C_08SP.m
Meth Date : 02-Apr-2011 06:27 asfawa Quant Type: ISTD
Cal Date : 31-MAR-2011 01:00 Cal File: p10127.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	14.95000	Weight of sample extracted (g)
M	15.58245	% 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	2.760	2.748	(0.667)	727163	75.0969	6000
$ 17 Phenol-d5 (SUR)	99	3.770	3.776	(0.911)	826127	71.7085	5700
* 79 1,4-Dichlorobenzene-d4	152	4.141	4.146	(1.000)	295431	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.752	4.758	(0.862)	409352	39.6859	3100
* 80 Naphthalene-d8	136	5.516	5.521	(1.000)	1031748	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.649	6.655	(0.909)	699595	39.3759	3100
* 82 Acenaphthene-d10	164	7.313	7.319	(1.000)	544967	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.101	8.107	(1.108)	113652	59.7065	4700
* 83 Phenanthrene-d10	188	8.782	8.788	(1.000)	680932	40.0000	
$ 78 Terphenyl-d14	244	10.363	10.369	(0.906)	427022	40.4912	3200
* 81 Chrysene-d12	240	11.438	11.450	(1.000)	479605	40.0000	
* 84 Perylene-d12	264	13.224	13.236	(1.000)	458730	40.0000	

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10199.d
Report Date: 02-Apr-2011 16:10

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10199.d
Lab Smp Id: 460-24280-F-5-C Client Smp ID: PMP-21-WT-E (8-8.5)
Inj Date : 02-APR-2011 09:15
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24280-F-5-C
Misc Info : 460-24280-F-5-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/8270C_08SP.m
Meth Date : 02-Apr-2011 06:27 asfawa Quant Type: ISTD
Cal Date : 31-MAR-2011 01:00 Cal File: p10127.d
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

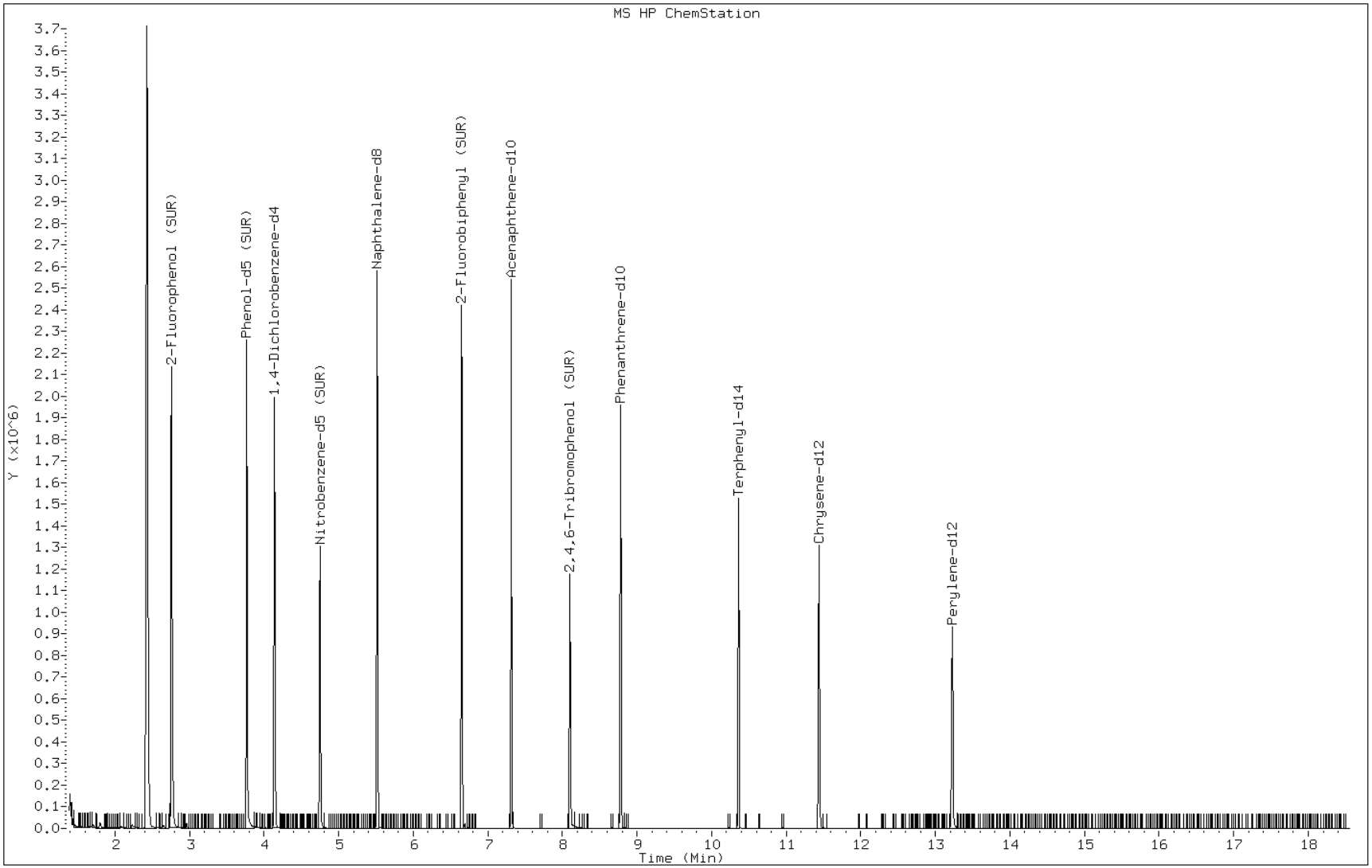
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: p10199.d

Date: 02-APR-2011 09:15

Client ID: PMP-21-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24280-F-5-C Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-SI-E (10.5-11) | Lab Sample ID: 460-24280-6

Matrix: Solid | Lab File ID: p10200.d

Analysis Method: 8270C | Date Collected: 03/17/2011 09:30

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 14.99(g) | Date Analyzed: 04/02/2011 09:42

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	390	U	390	47
95-57-8	2-Chlorophenol	390	U	390	52
95-48-7	2-Methylphenol	390	U	390	56
106-44-5	4-Methylphenol	390	U	390	63
100-52-7	Benzaldehyde	390	U	390	24
98-86-2	Acetophenone	390	U	390	57
111-44-4	Bis(2-chloroethyl)ether	39	U	39	8.0
108-60-1	2,2'-oxybis[1-chloropropane]	390	U	390	51
621-64-7	N-Nitrosodi-n-propylamine	39	U	39	5.1
98-95-3	Nitrobenzene	39	U	39	8.6
67-72-1	Hexachloroethane	39	U	39	6.5
78-59-1	Isophorone	390	U	390	44
88-75-5	2-Nitrophenol	390	U	390	63
105-67-9	2,4-Dimethylphenol	390	U	390	62
120-83-2	2,4-Dichlorophenol	390	U	390	62
111-91-1	Bis(2-chloroethoxy)methane	390	U	390	55
91-20-3	Naphthalene	390	U	390	56
106-47-8	4-Chloroaniline	390	U	390	49
87-68-3	Hexachlorobutadiene	78	U	78	16
105-60-2	Caprolactam	390	U	390	53
59-50-7	4-Chloro-3-methylphenol	390	U	390	65
91-57-6	2-Methylnaphthalene	390	U	390	56
118-74-1	Hexachlorobenzene	39	U	39	5.4
77-47-4	Hexachlorocyclopentadiene	390	U	390	110
88-06-2	2,4,6-Trichlorophenol	390	U	390	69
95-95-4	2,4,5-Trichlorophenol	390	U	390	74
92-52-4	Diphenyl	390	U	390	64
91-58-7	2-Chloronaphthalene	390	U	390	54
88-74-4	2-Nitroaniline	780	U	780	110
606-20-2	2,6-Dinitrotoluene	78	U	78	9.8
131-11-3	Dimethyl phthalate	390	U	390	52
208-96-8	Acenaphthylene	390	U	390	55
99-09-2	3-Nitroaniline	780	U	780	87
83-32-9	Acenaphthene	390	U	390	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-SI-E (10.5-11) | Lab Sample ID: 460-24280-6

Matrix: Solid | Lab File ID: p10200.d

Analysis Method: 8270C | Date Collected: 03/17/2011 09:30

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 14.99(g) | Date Analyzed: 04/02/2011 09:42

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	1200	99
51-28-5	2,4-Dinitrophenol	1200	U	1200	82
132-64-9	Dibenzofuran	390	U	390	58
84-66-2	Diethyl phthalate	390	U	390	52
86-73-7	Fluorene	390	U	390	65
206-44-0	Fluoranthene	390	U	390	64
84-74-2	Di-n-butyl phthalate	390	U	390	59
121-14-2	2,4-Dinitrotoluene	78	U	78	11
7005-72-3	4-Chlorophenyl phenyl ether	390	U	390	66
100-01-6	4-Nitroaniline	780	U	780	80
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	180
101-55-3	4-Bromophenyl phenyl ether	390	U	390	69
1912-24-9	Atrazine	390	U	390	72
120-12-7	Anthracene	390	U	390	68
86-74-8	Carbazole	390	U	390	61
85-01-8	Phenanthrene	390	U	390	67
87-86-5	Pentachlorophenol	1200	U	1200	190
129-00-0	Pyrene	390	U	390	67
218-01-9	Chrysene	390	U	390	56
207-08-9	Benzo[k]fluoranthene	39	U	39	5.4
191-24-2	Benzo[g,h,i]perylene	390	U	390	41
205-99-2	Benzo[b]fluoranthene	39	U	39	5.7
50-32-8	Benzo[a]pyrene	39	U	39	4.7
56-55-3	Benzo[a]anthracene	39	U	39	7.1
86-30-6	N-Nitrosodiphenylamine	390	U	390	63
85-68-7	Butyl benzyl phthalate	390	U	390	45
117-81-7	Bis(2-ethylhexyl) phthalate	390	U	390	51
117-84-0	Di-n-octyl phthalate	390	U	390	46
193-39-5	Indeno[1,2,3-cd]pyrene	39	U	39	6.2
53-70-3	Dibenz(a,h)anthracene	39	U	39	4.6
91-94-1	3,3'-Dichlorobenzidine	780	U	780	85
95-94-3	1,2,4,5-Tetrachlorobenzene	390	U	390	52
58-90-2	2,3,4,6-Tetrachlorophenol	390	U	390	77

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-SI-E (10.5-11) Lab Sample ID: 460-24280-6

Matrix: Solid Lab File ID: p10200.d

Analysis Method: 8270C Date Collected: 03/17/2011 09:30

Extract. Method: 3541 Date Extracted: 03/30/2011 20:24

Sample wt/vol: 14.99(g) Date Analyzed: 04/02/2011 09:42

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 14.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	79		38-105
4165-62-2	Phenol-d5	68		41-118
1718-51-0	Terphenyl-d14	86		16-151
118-79-6	2,4,6-Tribromophenol	66		10-120
367-12-4	2-Fluorophenol	74		37-125
321-60-8	2-Fluorobiphenyl	78		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-SI-E (10.5-11) Lab Sample ID: 460-24280-6

Matrix: Solid Lab File ID: p10200.d

Analysis Method: 8270C Date Collected: 03/17/2011 09:30

Extract. Method: 3541 Date Extracted: 03/30/2011 20:24

Sample wt/vol: 14.99(g) Date Analyzed: 04/02/2011 09:42

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 14.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 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/8270/03-31-11/02apr11.b/p10200.d
Report Date: 02-Apr-2011 16:10

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10200.d
Lab Smp Id: 460-24280-F-6-C Client Smp ID: PMP-21-SI-E (10.5-1
Inj Date : 02-APR-2011 09:42
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24280-F-6-C
Misc Info : 460-24280-F-6-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/8270C_08SP.m
Meth Date : 02-Apr-2011 06:27 asfawa Quant Type: ISTD
Cal Date : 31-MAR-2011 01:00 Cal File: p10127.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	14.99000	Weight of sample extracted (g)
M	14.24051	% 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	2.766	2.748	(0.668)	810767	73.6433	5700
$ 17 Phenol-d5 (SUR)	99	3.771	3.776	(0.911)	893548	68.2165	5300
* 79 1,4-Dichlorobenzene-d4	152	4.141	4.146	(1.000)	335899	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.752	4.758	(0.862)	445596	39.7362	3100
* 80 Naphthalene-d8	136	5.516	5.521	(1.000)	1121677	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.650	6.655	(0.909)	755943	38.9763	3000
* 82 Acenaphthene-d10	164	7.314	7.319	(1.000)	594898	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.101	8.107	(1.108)	136442	65.6629	5100
* 83 Phenanthrene-d10	188	8.782	8.788	(1.000)	768029	40.0000	
$ 78 Terphenyl-d14	244	10.363	10.369	(0.906)	481990	43.0539	3300
* 81 Chrysene-d12	240	11.438	11.450	(1.000)	509120	40.0000	
* 84 Perylene-d12	264	13.224	13.236	(1.000)	475358	40.0000	

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10200.d
Report Date: 02-Apr-2011 16:10

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10200.d
Lab Smp Id: 460-24280-F-6-C Client Smp ID: PMP-21-SI-E (10.5-1
Inj Date : 02-APR-2011 09:42
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24280-F-6-C
Misc Info : 460-24280-F-6-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/8270C_08SP.m
Meth Date : 02-Apr-2011 06:27 asfawa Quant Type: ISTD
Cal Date : 31-MAR-2011 01:00 Cal File: p10127.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

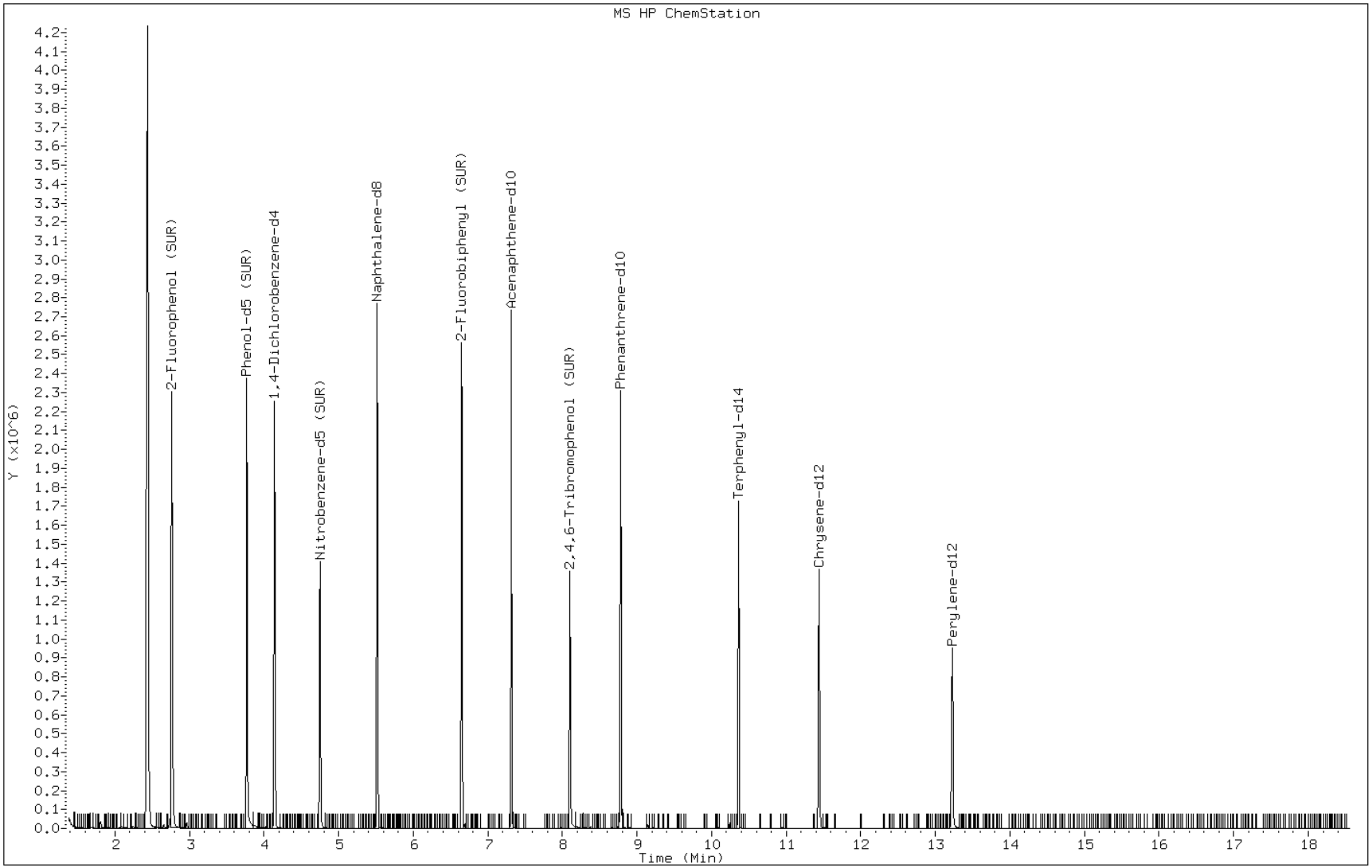
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: p10200.d

Date: 02-APR-2011 09:42

Client ID: PMP-21-SI-E (10.5-1 Instrument: BNAMS10.i

Sample Info: 460-24280-F-6-C Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-1-VD-E (3.5-4.0) | Lab Sample ID: 460-24280-7

Matrix: Solid | Lab File ID: p10201.d

Analysis Method: 8270C | Date Collected: 03/17/2011 09:40

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.04(g) | Date Analyzed: 04/02/2011 10:09

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.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	350	U	350	42
95-57-8	2-Chlorophenol	350	U	350	46
95-48-7	2-Methylphenol	350	U	350	50
106-44-5	4-Methylphenol	350	U	350	57
100-52-7	Benzaldehyde	350	U	350	22
98-86-2	Acetophenone	350	U	350	51
111-44-4	Bis(2-chloroethyl)ether	35	U	35	7.2
108-60-1	2,2'-oxybis[1-chloropropane]	350	U	350	45
621-64-7	N-Nitrosodi-n-propylamine	35	U	35	4.6
98-95-3	Nitrobenzene	35	U	35	7.7
67-72-1	Hexachloroethane	35	U	35	5.8
78-59-1	Isophorone	350	U	350	40
88-75-5	2-Nitrophenol	350	U	350	57
105-67-9	2,4-Dimethylphenol	350	U	350	55
120-83-2	2,4-Dichlorophenol	350	U	350	55
111-91-1	Bis(2-chloroethoxy)methane	350	U	350	49
91-20-3	Naphthalene	350	U	350	51
106-47-8	4-Chloroaniline	350	U	350	44
87-68-3	Hexachlorobutadiene	70	U	70	14
105-60-2	Caprolactam	350	U	350	48
59-50-7	4-Chloro-3-methylphenol	350	U	350	58
91-57-6	2-Methylnaphthalene	350	U	350	51
118-74-1	Hexachlorobenzene	35	U	35	4.8
77-47-4	Hexachlorocyclopentadiene	350	U	350	100
88-06-2	2,4,6-Trichlorophenol	350	U	350	62
95-95-4	2,4,5-Trichlorophenol	350	U	350	67
92-52-4	Diphenyl	350	U	350	57
91-58-7	2-Chloronaphthalene	350	U	350	49
88-74-4	2-Nitroaniline	700	U	700	95
606-20-2	2,6-Dinitrotoluene	70	U	70	8.8
131-11-3	Dimethyl phthalate	350	U	350	47
208-96-8	Acenaphthylene	350	U	350	50
99-09-2	3-Nitroaniline	700	U	700	78
83-32-9	Acenaphthene	350	U	350	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-1-VD-E (3.5-4.0) | Lab Sample ID: 460-24280-7

Matrix: Solid | Lab File ID: p10201.d

Analysis Method: 8270C | Date Collected: 03/17/2011 09:40

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.04(g) | Date Analyzed: 04/02/2011 10:09

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.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1000	U	1000	89
51-28-5	2,4-Dinitrophenol	1000	U	1000	74
132-64-9	Dibenzofuran	350	U	350	52
84-66-2	Diethyl phthalate	350	U	350	46
86-73-7	Fluorene	350	U	350	59
206-44-0	Fluoranthene	350	U	350	58
84-74-2	Di-n-butyl phthalate	350	U	350	53
121-14-2	2,4-Dinitrotoluene	70	U	70	10
7005-72-3	4-Chlorophenyl phenyl ether	350	U	350	60
100-01-6	4-Nitroaniline	700	U	700	72
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	1000	170
101-55-3	4-Bromophenyl phenyl ether	350	U	350	62
1912-24-9	Atrazine	350	U	350	65
120-12-7	Anthracene	350	U	350	61
86-74-8	Carbazole	350	U	350	55
85-01-8	Phenanthrene	350	U	350	60
87-86-5	Pentachlorophenol	1000	U	1000	170
129-00-0	Pyrene	350	U	350	60
218-01-9	Chrysene	350	U	350	50
207-08-9	Benzo[k]fluoranthene	35	U	35	4.8
191-24-2	Benzo[g,h,i]perylene	350	U	350	37
205-99-2	Benzo[b]fluoranthene	35	U	35	5.2
50-32-8	Benzo[a]pyrene	35	U	35	4.3
56-55-3	Benzo[a]anthracene	35	U	35	6.4
86-30-6	N-Nitrosodiphenylamine	350	U	350	56
85-68-7	Butyl benzyl phthalate	350	U	350	40
117-81-7	Bis(2-ethylhexyl) phthalate	350	U	350	46
117-84-0	Di-n-octyl phthalate	350	U	350	41
193-39-5	Indeno[1,2,3-cd]pyrene	35	U	35	5.5
53-70-3	Dibenz(a,h)anthracene	35	U	35	4.2
91-94-1	3,3'-Dichlorobenzidine	700	U	700	77
95-94-3	1,2,4,5-Tetrachlorobenzene	350	U	350	47
58-90-2	2,3,4,6-Tetrachlorophenol	350	U	350	69

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-1-VD-E (3.5-4.0) Lab Sample ID: 460-24280-7

Matrix: Solid Lab File ID: p10201.d

Analysis Method: 8270C Date Collected: 03/17/2011 09:40

Extract. Method: 3541 Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.04(g) Date Analyzed: 04/02/2011 10:09

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.: 69508 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	75		38-105
4165-62-2	Phenol-d5	70		41-118
1718-51-0	Terphenyl-d14	78		16-151
118-79-6	2,4,6-Tribromophenol	62		10-120
367-12-4	2-Fluorophenol	75		37-125
321-60-8	2-Fluorobiphenyl	78		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-1-VD-E (3.5-4.0) | Lab Sample ID: 460-24280-7

Matrix: Solid | Lab File ID: p10201.d

Analysis Method: 8270C | Date Collected: 03/17/2011 09:40

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.04(g) | Date Analyzed: 04/02/2011 10:09

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.: 69508 | 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/8270/03-31-11/02apr11.b/p10201.d
Report Date: 02-Apr-2011 16:10

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10201.d
Lab Smp Id: 460-24280-F-7-C Client Smp ID: PMP-1-VD-E (3.5-4.0
Inj Date : 02-APR-2011 10:09
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24280-F-7-C
Misc Info : 460-24280-F-7-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/8270C_08SP.m
Meth Date : 02-Apr-2011 06:27 asfawa Quant Type: ISTD
Cal Date : 31-MAR-2011 01:00 Cal File: p10127.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	15.04000	Weight of sample extracted (g)
M	4.75285	% 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	2.754	2.748	(0.665)	589765	74.5274	5200
$ 17 Phenol-d5 (SUR)	99	3.765	3.776	(0.909)	661020	70.2078	4900
* 79 1,4-Dichlorobenzene-d4	152	4.141	4.146	(1.000)	241440	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.752	4.758	(0.862)	322138	37.4328	2600
* 80 Naphthalene-d8	136	5.516	5.521	(1.000)	860802	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.650	6.655	(0.909)	564472	38.9192	2700
* 82 Acenaphthene-d10	164	7.314	7.319	(1.000)	444870	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.101	8.107	(1.108)	96822	62.3097	4300
* 83 Phenanthrene-d10	188	8.782	8.788	(1.000)	603244	40.0000	
$ 78 Terphenyl-d14	244	10.363	10.369	(0.906)	461322	39.2261	2700
* 81 Chrysene-d12	240	11.438	11.450	(1.000)	534839	40.0000	
* 84 Perylene-d12	264	13.224	13.236	(1.000)	462445	40.0000	

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10201.d
Report Date: 02-Apr-2011 16:10

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10201.d
Lab Smp Id: 460-24280-F-7-C Client Smp ID: PMP-1-VD-E (3.5-4.0
Inj Date : 02-APR-2011 10:09
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24280-F-7-C
Misc Info : 460-24280-F-7-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/8270C_08SP.m
Meth Date : 02-Apr-2011 06:27 asfawa Quant Type: ISTD
Cal Date : 31-MAR-2011 01:00 Cal File: p10127.d
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

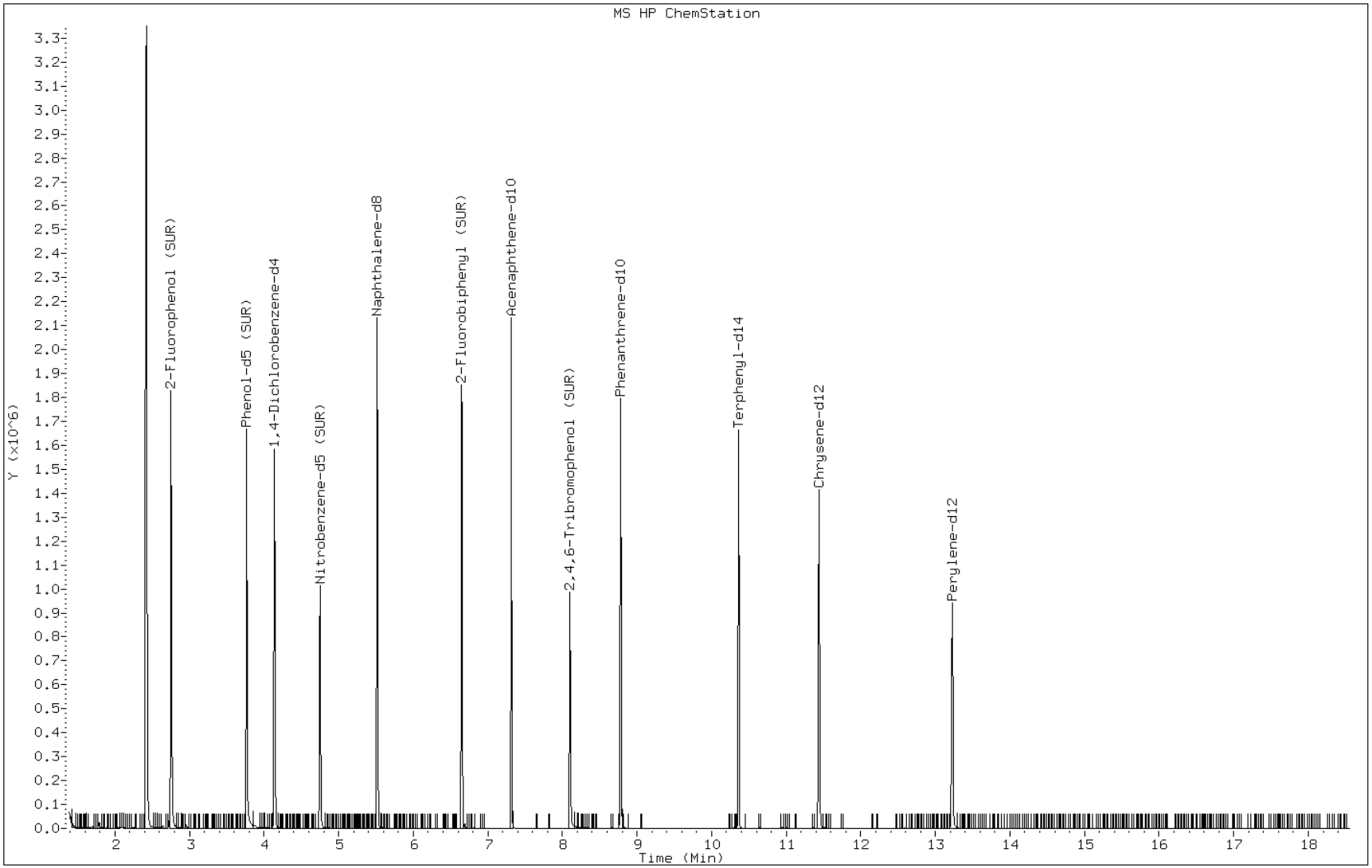
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: p10201.d

Date: 02-APR-2011 10:09

Client ID: PMP-1-VD-E (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-24280-F-7-C Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-1-WT-E (8-8.5) | Lab Sample ID: 460-24280-8

Matrix: Solid | Lab File ID: p10202.d

Analysis Method: 8270C | Date Collected: 03/17/2011 09:45

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.01(g) | Date Analyzed: 04/02/2011 10:36

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.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	370	U	370	46
95-57-8	2-Chlorophenol	370	U	370	50
95-48-7	2-Methylphenol	370	U	370	54
106-44-5	4-Methylphenol	370	U	370	61
100-52-7	Benzaldehyde	370	U	370	23
98-86-2	Acetophenone	370	U	370	55
111-44-4	Bis(2-chloroethyl)ether	37	U	37	7.8
108-60-1	2,2'-oxybis[1-chloropropane]	370	U	370	49
621-64-7	N-Nitrosodi-n-propylamine	37	U	37	4.9
98-95-3	Nitrobenzene	37	U	37	8.3
67-72-1	Hexachloroethane	37	U	37	6.3
78-59-1	Isophorone	370	U	370	43
88-75-5	2-Nitrophenol	370	U	370	61
105-67-9	2,4-Dimethylphenol	370	U	370	60
120-83-2	2,4-Dichlorophenol	370	U	370	60
111-91-1	Bis(2-chloroethoxy)methane	370	U	370	53
91-20-3	Naphthalene	370	U	370	55
106-47-8	4-Chloroaniline	370	U	370	47
87-68-3	Hexachlorobutadiene	75	U	75	15
105-60-2	Caprolactam	370	U	370	51
59-50-7	4-Chloro-3-methylphenol	370	U	370	63
91-57-6	2-Methylnaphthalene	370	U	370	54
118-74-1	Hexachlorobenzene	37	U	37	5.2
77-47-4	Hexachlorocyclopentadiene	370	U	370	110
88-06-2	2,4,6-Trichlorophenol	370	U	370	67
95-95-4	2,4,5-Trichlorophenol	370	U	370	72
92-52-4	Diphenyl	370	U	370	61
91-58-7	2-Chloronaphthalene	370	U	370	53
88-74-4	2-Nitroaniline	750	U	750	100
606-20-2	2,6-Dinitrotoluene	75	U	75	9.5
131-11-3	Dimethyl phthalate	370	U	370	50
208-96-8	Acenaphthylene	370	U	370	53
99-09-2	3-Nitroaniline	750	U	750	84
83-32-9	Acenaphthene	370	U	370	53

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-1-WT-E (8-8.5) | Lab Sample ID: 460-24280-8

Matrix: Solid | Lab File ID: p10202.d

Analysis Method: 8270C | Date Collected: 03/17/2011 09:45

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.01(g) | Date Analyzed: 04/02/2011 10:36

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.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	96
51-28-5	2,4-Dinitrophenol	1100	U	1100	79
132-64-9	Dibenzofuran	370	U	370	56
84-66-2	Diethyl phthalate	370	U	370	50
86-73-7	Fluorene	370	U	370	63
206-44-0	Fluoranthene	370	U	370	62
84-74-2	Di-n-butyl phthalate	370	U	370	57
121-14-2	2,4-Dinitrotoluene	75	U	75	11
7005-72-3	4-Chlorophenyl phenyl ether	370	U	370	64
100-01-6	4-Nitroaniline	750	U	750	77
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	180
101-55-3	4-Bromophenyl phenyl ether	370	U	370	66
1912-24-9	Atrazine	370	U	370	70
120-12-7	Anthracene	370	U	370	66
86-74-8	Carbazole	370	U	370	59
85-01-8	Phenanthrene	370	U	370	65
87-86-5	Pentachlorophenol	1100	U	1100	180
129-00-0	Pyrene	370	U	370	64
218-01-9	Chrysene	370	U	370	54
207-08-9	Benzo[k]fluoranthene	37	U	37	5.2
191-24-2	Benzo[g,h,i]perylene	370	U	370	39
205-99-2	Benzo[b]fluoranthene	37	U	37	5.5
50-32-8	Benzo[a]pyrene	37	U	37	4.6
56-55-3	Benzo[a]anthracene	37	U	37	6.9
86-30-6	N-Nitrosodiphenylamine	370	U	370	61
85-68-7	Butyl benzyl phthalate	370	U	370	43
117-81-7	Bis(2-ethylhexyl) phthalate	370	U	370	49
117-84-0	Di-n-octyl phthalate	370	U	370	44
193-39-5	Indeno[1,2,3-cd]pyrene	37	U	37	6.0
53-70-3	Dibenz(a,h)anthracene	37	U	37	4.5
91-94-1	3,3'-Dichlorobenzidine	750	U	750	82
95-94-3	1,2,4,5-Tetrachlorobenzene	370	U	370	50
58-90-2	2,3,4,6-Tetrachlorophenol	370	U	370	75

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-1-WT-E (8-8.5) Lab Sample ID: 460-24280-8

Matrix: Solid Lab File ID: p10202.d

Analysis Method: 8270C Date Collected: 03/17/2011 09:45

Extract. Method: 3541 Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.01(g) Date Analyzed: 04/02/2011 10:36

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.: 69508 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	79		38-105
4165-62-2	Phenol-d5	72		41-118
1718-51-0	Terphenyl-d14	76		16-151
118-79-6	2,4,6-Tribromophenol	60		10-120
367-12-4	2-Fluorophenol	77		37-125
321-60-8	2-Fluorobiphenyl	82		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-1-WT-E (8-8.5) Lab Sample ID: 460-24280-8

Matrix: Solid Lab File ID: p10202.d

Analysis Method: 8270C Date Collected: 03/17/2011 09:45

Extract. Method: 3541 Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.01(g) Date Analyzed: 04/02/2011 10:36

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.: 69508 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/8270/03-31-11/02apr11.b/p10202.d
Report Date: 02-Apr-2011 16:11

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10202.d
Lab Smp Id: 460-24280-F-8-C Client Smp ID: PMP-1-WT-E (8-8.5)
Inj Date : 02-APR-2011 10:36
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24280-F-8-C
Misc Info : 460-24280-F-8-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/8270C_08SP.m
Meth Date : 02-Apr-2011 06:27 asfawa Quant Type: ISTD
Cal Date : 31-MAR-2011 01:00 Cal File: p10127.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	15.01000	Weight of sample extracted (g)
M	11.28571	% 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	2.760	2.748	(0.667)	692834	77.0513	5800
$ 17 Phenol-d5 (SUR)	99	3.771	3.776	(0.911)	773285	72.2810	5400
* 79 1,4-Dichlorobenzene-d4	152	4.141	4.146	(1.000)	274344	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.752	4.758	(0.862)	380120	39.6986	3000
* 80 Naphthalene-d8	136	5.516	5.521	(1.000)	957765	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.650	6.655	(0.909)	671532	40.8285	3100
* 82 Acenaphthene-d10	164	7.314	7.319	(1.000)	504496	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.101	8.107	(1.108)	105184	59.6907	4500
* 83 Phenanthrene-d10	188	8.782	8.788	(1.000)	637800	40.0000	
$ 78 Terphenyl-d14	244	10.363	10.369	(0.906)	451554	37.9812	2800
* 81 Chrysene-d12	240	11.438	11.450	(1.000)	540673	40.0000	
* 84 Perylene-d12	264	13.230	13.236	(1.000)	499012	40.0000	

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10202.d
Report Date: 02-Apr-2011 16:11

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10202.d
Lab Smp Id: 460-24280-F-8-C Client Smp ID: PMP-1-WT-E (8-8.5)
Inj Date : 02-APR-2011 10:36
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24280-F-8-C
Misc Info : 460-24280-F-8-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/8270C_08SP.m
Meth Date : 02-Apr-2011 06:27 asfawa Quant Type: ISTD
Cal Date : 31-MAR-2011 01:00 Cal File: p10127.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

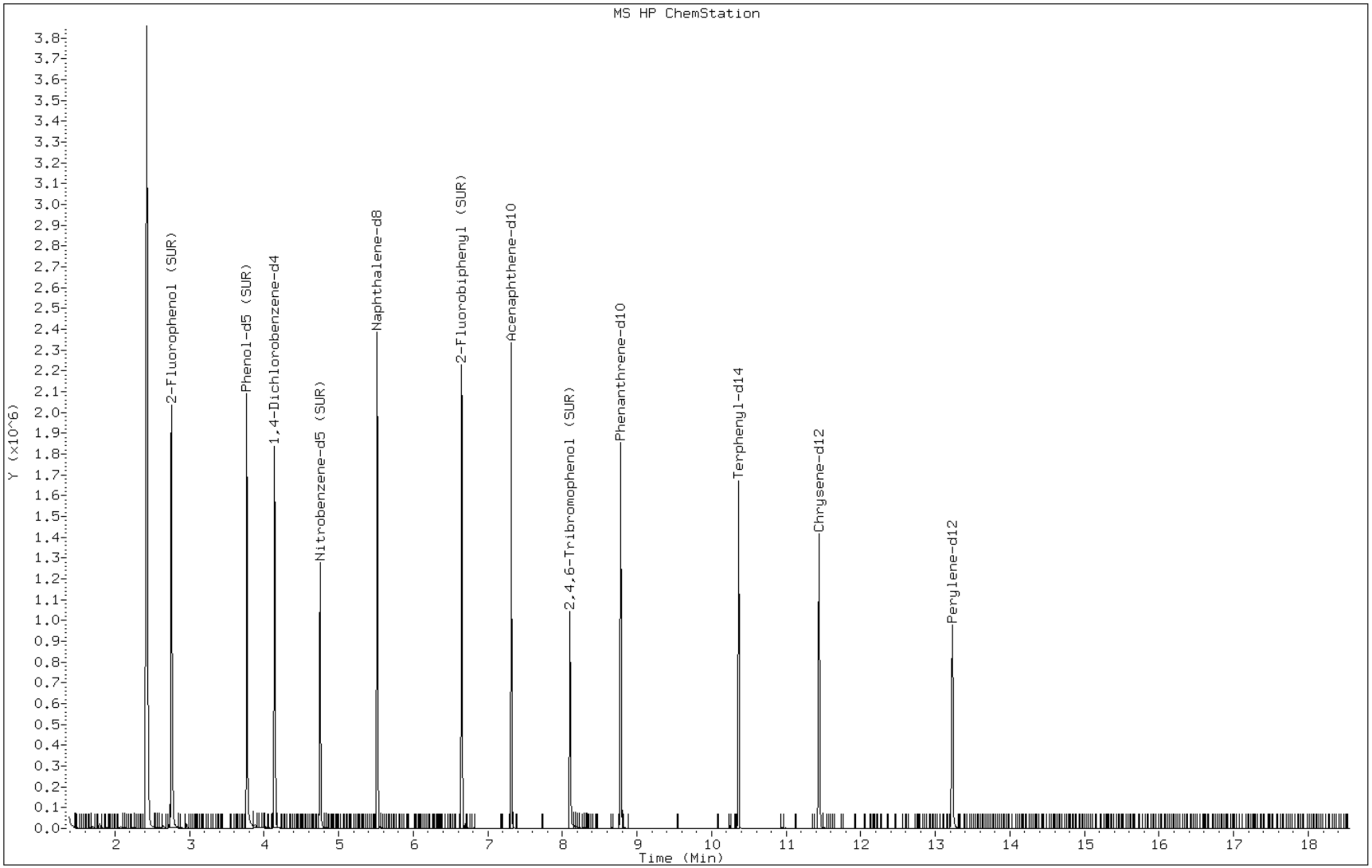
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: p10202.d

Date: 02-APR-2011 10:36

Client ID: PMP-1-WT-E (8-8.5) Instrument: BNAMS10.i

Sample Info: 460-24280-F-8-C Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-1-SI-E (10.5-11.0) | Lab Sample ID: 460-24280-9

Matrix: Solid | Lab File ID: p10203.d

Analysis Method: 8270C | Date Collected: 03/17/2011 09:50

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 14.96(g) | Date Analyzed: 04/02/2011 11:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	380	U	380	47
95-57-8	2-Chlorophenol	380	U	380	51
95-48-7	2-Methylphenol	380	U	380	55
106-44-5	4-Methylphenol	380	U	380	63
100-52-7	Benzaldehyde	380	U	380	24
98-86-2	Acetophenone	380	U	380	57
111-44-4	Bis(2-chloroethyl)ether	38	U	38	8.0
108-60-1	2,2'-oxybis[1-chloropropane]	380	U	380	50
621-64-7	N-Nitrosodi-n-propylamine	38	U	38	5.1
98-95-3	Nitrobenzene	38	U	38	8.6
67-72-1	Hexachloroethane	38	U	38	6.5
78-59-1	Isophorone	380	U	380	44
88-75-5	2-Nitrophenol	380	U	380	63
105-67-9	2,4-Dimethylphenol	380	U	380	61
120-83-2	2,4-Dichlorophenol	380	U	380	61
111-91-1	Bis(2-chloroethoxy)methane	380	U	380	55
91-20-3	Naphthalene	380	U	380	56
106-47-8	4-Chloroaniline	380	U	380	48
87-68-3	Hexachlorobutadiene	78	U	78	16
105-60-2	Caprolactam	380	U	380	53
59-50-7	4-Chloro-3-methylphenol	380	U	380	64
91-57-6	2-Methylnaphthalene	380	U	380	56
118-74-1	Hexachlorobenzene	38	U	38	5.3
77-47-4	Hexachlorocyclopentadiene	380	U	380	110
88-06-2	2,4,6-Trichlorophenol	380	U	380	69
95-95-4	2,4,5-Trichlorophenol	380	U	380	74
92-52-4	Diphenyl	380	U	380	63
91-58-7	2-Chloronaphthalene	380	U	380	54
88-74-4	2-Nitroaniline	780	U	780	100
606-20-2	2,6-Dinitrotoluene	78	U	78	9.7
131-11-3	Dimethyl phthalate	380	U	380	52
208-96-8	Acenaphthylene	380	U	380	55
99-09-2	3-Nitroaniline	780	U	780	87
83-32-9	Acenaphthene	380	U	380	55

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-1-SI-E (10.5-11.0) | Lab Sample ID: 460-24280-9

Matrix: Solid | Lab File ID: p10203.d

Analysis Method: 8270C | Date Collected: 03/17/2011 09:50

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 14.96(g) | Date Analyzed: 04/02/2011 11:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 13.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	1200	98
51-28-5	2,4-Dinitrophenol	1200	U	1200	81
132-64-9	Dibenzofuran	380	U	380	58
84-66-2	Diethyl phthalate	380	U	380	51
86-73-7	Fluorene	380	U	380	65
206-44-0	Fluoranthene	380	U	380	64
84-74-2	Di-n-butyl phthalate	380	U	380	59
121-14-2	2,4-Dinitrotoluene	78	U	78	11
7005-72-3	4-Chlorophenyl phenyl ether	380	U	380	66
100-01-6	4-Nitroaniline	780	U	780	79
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	180
101-55-3	4-Bromophenyl phenyl ether	380	U	380	68
1912-24-9	Atrazine	380	U	380	71
120-12-7	Anthracene	380	U	380	68
86-74-8	Carbazole	380	U	380	61
85-01-8	Phenanthrene	380	U	380	67
87-86-5	Pentachlorophenol	1200	U	1200	190
129-00-0	Pyrene	380	U	380	66
218-01-9	Chrysene	380	U	380	56
207-08-9	Benzo[k]fluoranthene	38	U	38	5.4
191-24-2	Benzo[g,h,i]perylene	380	U	380	40
205-99-2	Benzo[b]fluoranthene	38	U	38	5.7
50-32-8	Benzo[a]pyrene	38	U	38	4.7
56-55-3	Benzo[a]anthracene	38	U	38	7.1
86-30-6	N-Nitrosodiphenylamine	380	U	380	62
85-68-7	Butyl benzyl phthalate	380	U	380	45
117-81-7	Bis(2-ethylhexyl) phthalate	380	U	380	51
117-84-0	Di-n-octyl phthalate	380	U	380	45
193-39-5	Indeno[1,2,3-cd]pyrene	38	U	38	6.1
53-70-3	Dibenz(a,h)anthracene	38	U	38	4.6
91-94-1	3,3'-Dichlorobenzidine	780	U	780	85
95-94-3	1,2,4,5-Tetrachlorobenzene	380	U	380	52
58-90-2	2,3,4,6-Tetrachlorophenol	380	U	380	77

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-1-SI-E (10.5-11.0) Lab Sample ID: 460-24280-9

Matrix: Solid Lab File ID: p10203.d

Analysis Method: 8270C Date Collected: 03/17/2011 09:50

Extract. Method: 3541 Date Extracted: 03/30/2011 20:24

Sample wt/vol: 14.96(g) Date Analyzed: 04/02/2011 11:03

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 13.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	78		38-105
4165-62-2	Phenol-d5	76		41-118
1718-51-0	Terphenyl-d14	81		16-151
118-79-6	2,4,6-Tribromophenol	68		10-120
367-12-4	2-Fluorophenol	79		37-125
321-60-8	2-Fluorobiphenyl	77		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-1-SI-E (10.5-11.0) Lab Sample ID: 460-24280-9

Matrix: Solid Lab File ID: p10203.d

Analysis Method: 8270C Date Collected: 03/17/2011 09:50

Extract. Method: 3541 Date Extracted: 03/30/2011 20:24

Sample wt/vol: 14.96(g) Date Analyzed: 04/02/2011 11:03

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 13.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 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/8270/03-31-11/02apr11.b/p10203.d
Report Date: 02-Apr-2011 16:11

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10203.d
Lab Smp Id: 460-24280-F-9-C Client Smp ID: PMP-1-SI-E (10.5-11
Inj Date : 02-APR-2011 11:03
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24280-F-9-C
Misc Info : 460-24280-F-9-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/8270C_08SP.m
Meth Date : 02-Apr-2011 06:27 asfawa Quant Type: ISTD
Cal Date : 31-MAR-2011 01:00 Cal File: p10127.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	14.96000	Weight of sample extracted (g)
M	13.38583	% 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	2.748	2.748	(0.664)	543827	79.0001	6100
$ 17 Phenol-d5 (SUR)	99	3.771	3.776	(0.911)	622184	75.9661	5900
* 79 1,4-Dichlorobenzene-d4	152	4.141	4.146	(1.000)	210029	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.752	4.758	(0.862)	300272	38.9282	3000
* 80 Naphthalene-d8	136	5.516	5.521	(1.000)	771550	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.656	6.655	(0.910)	553301	38.5792	3000
* 82 Acenaphthene-d10	164	7.314	7.319	(1.000)	439909	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.101	8.107	(1.108)	103859	67.5921	5200
* 83 Phenanthrene-d10	188	8.783	8.788	(1.000)	657008	40.0000	
$ 78 Terphenyl-d14	244	10.363	10.369	(0.906)	455563	40.4940	3100
* 81 Chrysene-d12	240	11.438	11.450	(1.000)	511625	40.0000	
* 84 Perylene-d12	264	13.230	13.236	(1.000)	495707	40.0000	

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10203.d
Report Date: 02-Apr-2011 16:11

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10203.d
Lab Smp Id: 460-24280-F-9-C Client Smp ID: PMP-1-SI-E (10.5-11
Inj Date : 02-APR-2011 11:03
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24280-F-9-C
Misc Info : 460-24280-F-9-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/8270C_08SP.m
Meth Date : 02-Apr-2011 06:27 asfawa Quant Type: ISTD
Cal Date : 31-MAR-2011 01:00 Cal File: p10127.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

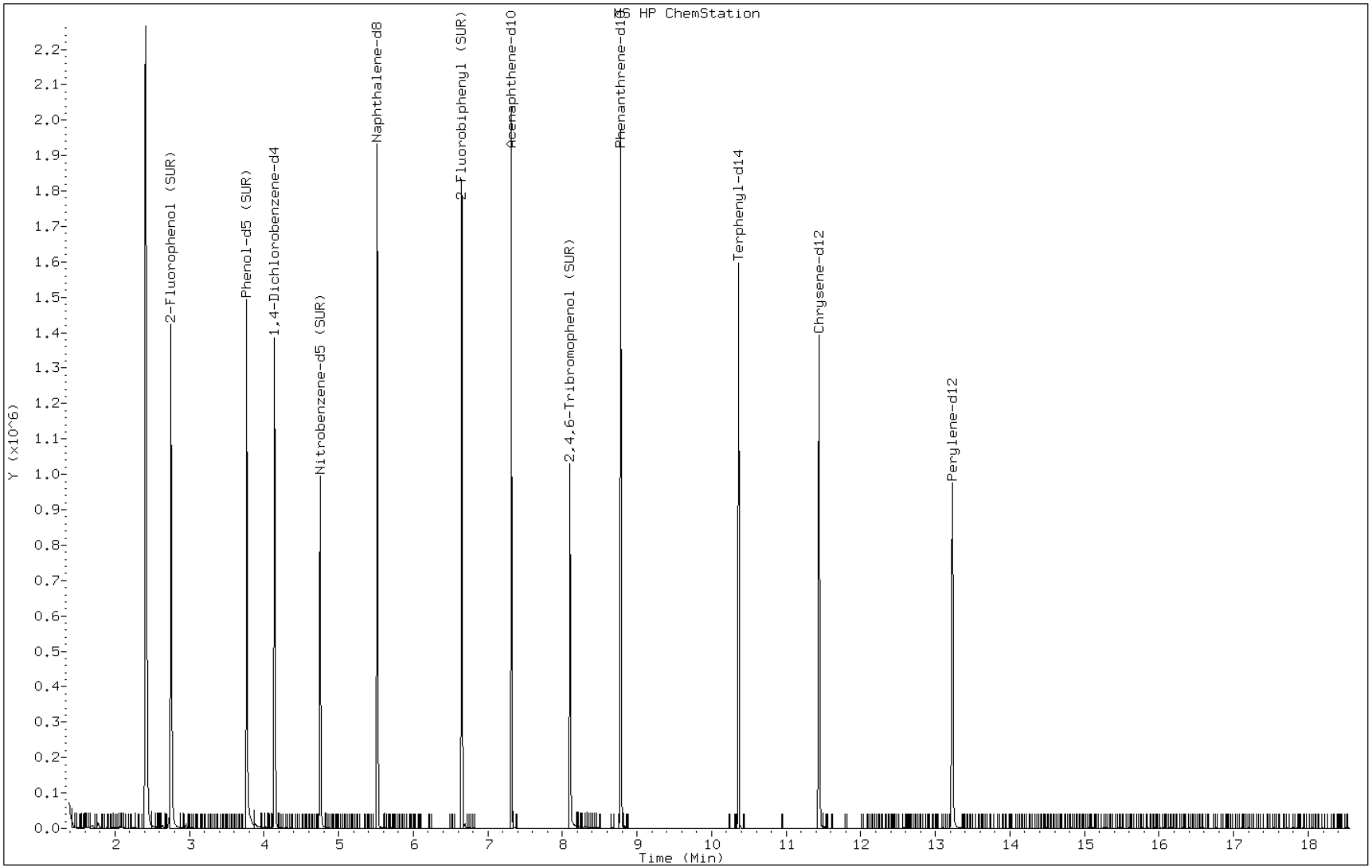
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: p10203.d

Date: 02-APR-2011 11:03

Client ID: PMP-1-SI-E (10.5-11 Instrument: BNAMS10.i

Sample Info: 460-24280-F-9-C Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-VS-E (1-3) | Lab Sample ID: 460-24280-10

Matrix: Solid | Lab File ID: p10211.d

Analysis Method: 8270C | Date Collected: 03/17/2011 10:25

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 14.98(g) | Date Analyzed: 04/02/2011 14:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	720	U	720	89
95-57-8	2-Chlorophenol	720	U	720	97
95-48-7	2-Methylphenol	720	U	720	100
106-44-5	4-Methylphenol	720	U	720	120
100-52-7	Benzaldehyde	720	U	720	45
98-86-2	Acetophenone	720	U	720	110
111-44-4	Bis(2-chloroethyl)ether	72	U	72	15
108-60-1	2,2'-oxybis[1-chloropropane]	720	U	720	95
621-64-7	N-Nitrosodi-n-propylamine	72	U	72	9.6
98-95-3	Nitrobenzene	72	U	72	16
67-72-1	Hexachloroethane	72	U	72	12
78-59-1	Isophorone	720	U	720	83
88-75-5	2-Nitrophenol	720	U	720	120
105-67-9	2,4-Dimethylphenol	720	U	720	120
120-83-2	2,4-Dichlorophenol	720	U	720	120
111-91-1	Bis(2-chloroethoxy)methane	720	U	720	100
91-20-3	Naphthalene	120	J	720	110
106-47-8	4-Chloroaniline	720	U	720	91
87-68-3	Hexachlorobutadiene	150	U	150	29
105-60-2	Caprolactam	720	U	720	99
59-50-7	4-Chloro-3-methylphenol	720	U	720	120
91-57-6	2-Methylnaphthalene	610	J	720	110
118-74-1	Hexachlorobenzene	72	U	72	10
77-47-4	Hexachlorocyclopentadiene	720	U	720	210
88-06-2	2,4,6-Trichlorophenol	720	U	720	130
95-95-4	2,4,5-Trichlorophenol	720	U	720	140
92-52-4	Diphenyl	230	J	720	120
91-58-7	2-Chloronaphthalene	720	U	720	100
88-74-4	2-Nitroaniline	1500	U	1500	200
606-20-2	2,6-Dinitrotoluene	150	U	150	18
131-11-3	Dimethyl phthalate	720	U	720	98
208-96-8	Acenaphthylene	720	U	720	100
99-09-2	3-Nitroaniline	1500	U	1500	160
83-32-9	Acenaphthene	720	U	720	100

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-VS-E (1-3) | Lab Sample ID: 460-24280-10

Matrix: Solid | Lab File ID: p10211.d

Analysis Method: 8270C | Date Collected: 03/17/2011 10:25

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 14.98(g) | Date Analyzed: 04/02/2011 14:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	2200	U	2200	190
51-28-5	2,4-Dinitrophenol	2200	U	2200	150
132-64-9	Dibenzofuran	720	U	720	110
84-66-2	Diethyl phthalate	720	U	720	97
86-73-7	Fluorene	720	U	720	120
206-44-0	Fluoranthene	720	U	720	120
84-74-2	Di-n-butyl phthalate	720	U	720	110
121-14-2	2,4-Dinitrotoluene	150	U	150	21
7005-72-3	4-Chlorophenyl phenyl ether	720	U	720	120
100-01-6	4-Nitroaniline	1500	U	1500	150
534-52-1	4,6-Dinitro-2-methylphenol	2200	U	2200	350
101-55-3	4-Bromophenyl phenyl ether	720	U	720	130
1912-24-9	Atrazine	720	U	720	140
120-12-7	Anthracene	720	U	720	130
86-74-8	Carbazole	720	U	720	120
85-01-8	Phenanthrene	720	U	720	130
87-86-5	Pentachlorophenol	2200	U	2200	350
129-00-0	Pyrene	720	U	720	130
218-01-9	Chrysene	720	U	720	110
207-08-9	Benzo[k]fluoranthene	72	U	72	10
191-24-2	Benzo[g,h,i]perylene	720	U	720	76
205-99-2	Benzo[b]fluoranthene	72	U	72	11
50-32-8	Benzo[a]pyrene	72	U	72	8.9
56-55-3	Benzo[a]anthracene	72	U	72	13
86-30-6	N-Nitrosodiphenylamine	720	U	720	120
85-68-7	Butyl benzyl phthalate	720	U	720	85
117-81-7	Bis(2-ethylhexyl) phthalate	720	U	720	96
117-84-0	Di-n-octyl phthalate	720	U	720	86
193-39-5	Indeno[1,2,3-cd]pyrene	72	U	72	12
53-70-3	Dibenz(a,h)anthracene	72	U	72	8.7
91-94-1	3,3'-Dichlorobenzidine	1500	U	1500	160
95-94-3	1,2,4,5-Tetrachlorobenzene	720	U	720	97
58-90-2	2,3,4,6-Tetrachlorophenol	720	U	720	140

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-VS-E (1-3) Lab Sample ID: 460-24280-10

Matrix: Solid Lab File ID: p10211.d

Analysis Method: 8270C Date Collected: 03/17/2011 10:25

Extract. Method: 3541 Date Extracted: 03/30/2011 20:24

Sample wt/vol: 14.98(g) Date Analyzed: 04/02/2011 14:40

Con. Extract Vol.: 1(mL) Dilution Factor: 2

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 8.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	82		38-105
4165-62-2	Phenol-d5	89		41-118
1718-51-0	Terphenyl-d14	79		16-151
118-79-6	2,4,6-Tribromophenol	78		10-120
367-12-4	2-Fluorophenol	85		37-125
321-60-8	2-Fluorobiphenyl	86		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-VS-E (1-3) | Lab Sample ID: 460-24280-10

Matrix: Solid | Lab File ID: p10211.d

Analysis Method: 8270C | Date Collected: 03/17/2011 10:25

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 14.98(g) | Date Analyzed: 04/02/2011 14:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 8.5 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 237200

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Dichloro-1,1-biphenyl isomer-1	7.98	7800	J
	Dichloro-1,1-biphenyl isomer-3	8.38	14000	J
	Trichloro-1,1-biphenyl isomer-1	8.75	25000	J
	Dichloro-1,1-biphenyl isomer-4	8.80	7400	J
	Trichloro-1,1-biphenyl isomer-2	8.91	10000	J
	Trichloro-1,1-biphenyl isomer-4	9.15	25000	J
	Trichloro-1,1-biphenyl isomer-4	9.22	12000	J
	Trichloro-1,1-biphenyl isomer-5	9.29	5900	J
	Tetrachloro-1,1-biphenyl isomer-1	9.42	15000	J
	Tetrachloro-1,1-biphenyl isomer-2	9.46	11000	J
	Tetrachloro-1,1-biphenyl isomer-3	9.48	8700	J
	Tetrachloro-1,1-biphenyl isomer-4	9.58	15000	J
	Tetrachloro-1,1-biphenyl isomer-5	9.61	5900	J
	Trichloro-1,1-biphenyl isomer-6	9.64	8200	J
	Tetrachloro-1,1-biphenyl isomer-6	9.67	5500	J
	Tetrachloro-1,1-biphenyl isomer-7	9.69	10000	J
	Tetrachloro-1,1-biphenyl isomer-8	9.88	7800	J
	Tetrachloro-1,1-biphenyl isomer-9	9.91	16000	J
	Tetrachloro-1,1-biphenyl isomer-10	9.93	15000	J
	Tetrachloro-1,1-biphenyl isomer-11	10.06	12000	J

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10211.d
Report Date: 05-Apr-2011 11:34

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10211.d
Lab Smp Id: 460-24280-F-10-C Client Smp ID: PMP-24-VS-E (1-3)
Inj Date : 02-APR-2011 14:40
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24280-F-10-C
Misc Info : 460-24280-F-10-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/8270C_08SP.m
Meth Date : 02-Apr-2011 06:27 asfawa Quant Type: ISTD
Cal Date : 31-MAR-2011 01:00 Cal File: p10127.d
Als bottle: 23
Dil Factor: 2.00000
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	2.00000	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	8.51735	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.742	2.748	(0.662)	243980	42.2622	6200
$ 17 Phenol-d5 (SUR)	99	3.765	3.776	(0.909)	304950	44.3977	6500
* 79 1,4-Dichlorobenzene-d4	152	4.141	4.146	(1.000)	176136	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.752	4.758	(0.862)	138029	20.5466	3000
30 1,2,4-Trichlorobenzene	180	5.469	5.474	(0.991)	73037	13.0530	1900(H)
* 80 Naphthalene-d8	136	5.516	5.521	(1.000)	671960	40.0000	
31 Naphthalene	128	5.539	5.545	(1.004)	14578	0.80713	120(a)
34 2-Methylnaphthalene	142	6.268	6.268	(1.136)	47855	4.18371	610(a)
120 1-Methylnaphthalene	142	6.368	6.367	(1.154)	28688	2.55611	370(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.655	6.655	(0.910)	266759	21.4998	3100
102 Diphenyl	154	6.749	6.755	(0.923)	21705	1.54546	220(a)
125 1,3-Dimethylnaphthalene	156	6.984	6.990	(0.955)	46123	5.35222	780
* 82 Acenaphthene-d10	164	7.314	7.319	(1.000)	380574	40.0000	

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10211.d
Report Date: 05-Apr-2011 11:34

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	42 Acenaphthene	154	7.349	7.354	(1.005)	4803	0.47354	69(a)
$	18 2,4,6-Tribromophenol (SUR)	330	8.101	8.107	(1.108)	51736	38.9196	5700
*	83 Phenanthrene-d10	188	8.788	8.788	(1.000)	614700	40.0000	
	115 n-Octadecane	57	8.730	8.729	(0.993)	213309	27.4195	4000
	52 Phenanthrene	178	8.812	8.812	(1.003)	9723	0.54860	80(a)
$	78 Terphenyl-d14	244	10.363	10.369	(0.906)	228333	19.8612	2900
*	81 Chrysene-d12	240	11.444	11.450	(1.000)	522825	40.0000	
*	84 Perylene-d12	264	13.230	13.236	(1.000)	522916	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: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10211.d
Report Date: 05-Apr-2011 11:34

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10211.d
Lab Smp Id: 460-24280-F-10-C Client Smp ID: PMP-24-VS-E (1-3)
Inj Date : 02-APR-2011 14:40
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24280-F-10-C
Misc Info : 460-24280-F-10-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/8270C_08SP.m
Meth Date : 02-Apr-2011 06:27 asfawa Quant Type: ISTD
Cal Date : 31-MAR-2011 01:00 Cal File: p10127.d
Als bottle: 23
Dil Factor: 2.00000
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	2.00000	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	8.51735	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 82 Acenaphthene-d10	7.314	3054932	40.000
* 81 Chrysene-d12	11.444	1473060	40.000

	CONCENTRATIONS			QUANT			
	RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-1						CAS #:		
	6.785	1293683	16.9389335	2500	0		0	82

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10211.d
Report Date: 05-Apr-2011 11:34

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-2				CAS #:			
7.813	1851969	24.2488997	3500	0		0	82
Dichloro-1,1-biphenyl isomer-1				CAS #:			
7.983	4083701	53.4702633	7800	0		0	82
Unknown Alkane-3				CAS #:			
8.283	1980490	25.9317062	3800	0		0	82
Unknown Alkane-4				CAS #:			
8.301	1503309	19.6836972	2900	0		0	82
Dichloro-1,1-biphenyl isomer-2				CAS #:			
8.318	2248266	29.4378440	4300	0		0	82
Dichloro-1,1-biphenyl isomer-3				CAS #:			
8.383	7493949	98.1226034	14000	0		0	82
Trichloro-1,1-biphenyl isomer-1				CAS #:			
8.747	13173523	172.488551	25000	0		0	82
Dichloro-1,1-biphenyl isomer-4				CAS #:			
8.800	3856788	50.4991547	7400	0		0	82
Trichloro-1,1-biphenyl isomer-2				CAS #:			
8.906	5418867	70.9523582	10000	0		0	82
Trichloro-1,1-biphenyl isomer-3				CAS #:			
9.064	2259449	29.5842726	4300	0		0	82
Trichloro-1,1-biphenyl isomer-4				CAS #:			
9.153	12921916	169.194127	25000	0		0	82
Trichloro-1,1-biphenyl isomer-4				CAS #:			
9.223	6252048	81.8616783	12000	0		0	82
Trichloro-1,1-biphenyl isomer-5				CAS #:			
9.288	3093155	40.5004658	5900	0		0	82
Tetrachloro-1,1-biphenyl isomer-1				CAS #:			
9.423	3721485	101.054505	15000	0		0	81
Tetrachloro-1,1-biphenyl isomer-2				CAS #:			
9.458	2871031	77.9609824	11000	0		0	81

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10211.d
Report Date: 05-Apr-2011 11:34

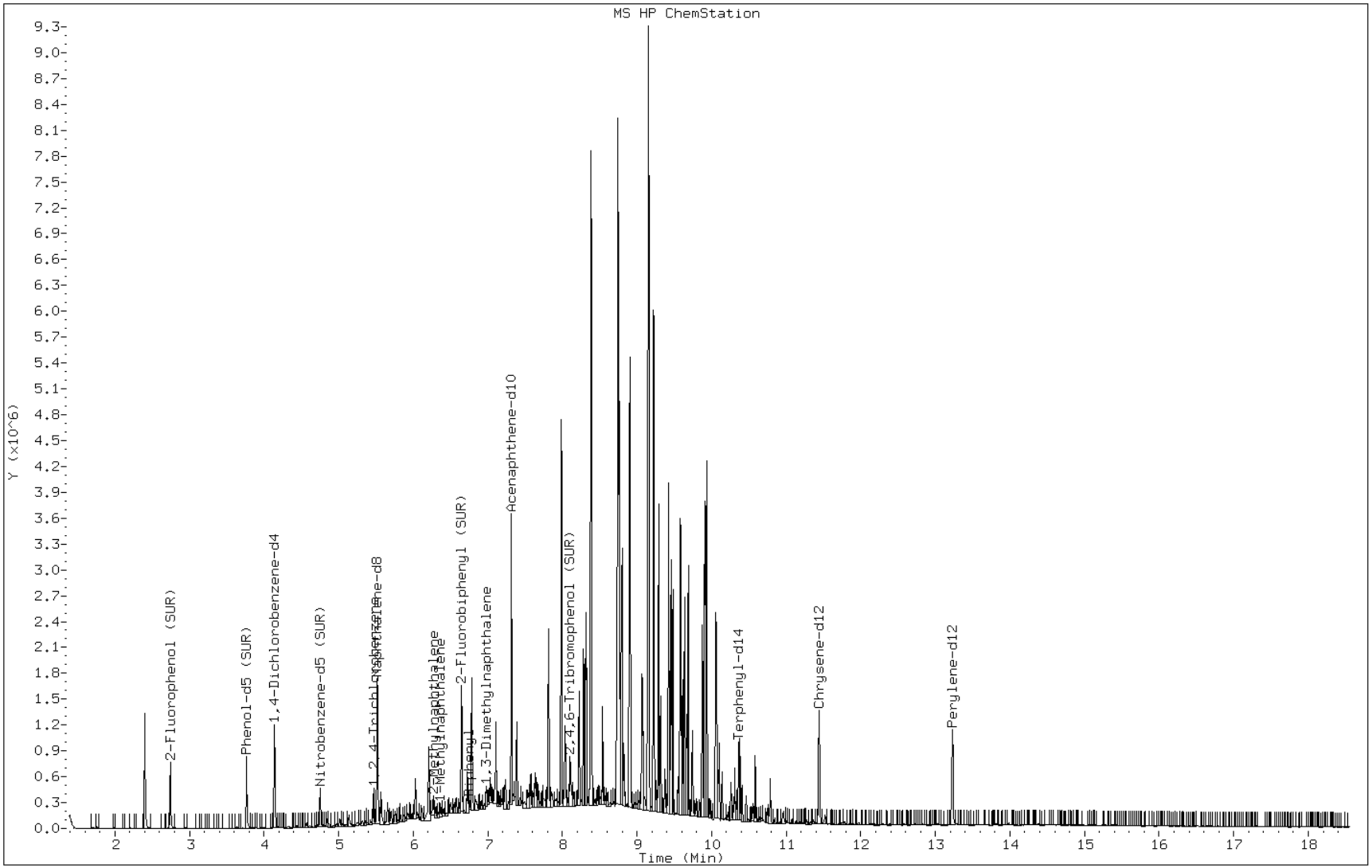
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Tetrachloro-1,1-biphenyl isomer-3				CAS #:			
9.482	2204643	59.8656470	8700	0		0	81
Tetrachloro-1,1-biphenyl isomer-4				CAS #:			
9.582	3722971	101.094845	15000	0		0	81
Tetrachloro-1,1-biphenyl isomer-5				CAS #:			
9.611	1498378	40.6874806	5900	0		0	81
Trichloro-1,1-biphenyl isomer-6				CAS #:			
9.640	2079619	56.4706991	8200	0		0	81
Tetrachloro-1,1-biphenyl isomer-6				CAS #:			
9.670	1392328	37.8077713	5500	0		0	81
Tetrachloro-1,1-biphenyl isomer-7				CAS #:			
9.687	2588096	70.2780561	10000	0		0	81
Tetrachloro-1,1-biphenyl isomer-8				CAS #:			
9.875	1957188	53.1461690	7800	0		0	81
Tetrachloro-1,1-biphenyl isomer-9				CAS #:			
9.911	4120826	111.898352	16000	0		0	81
Tetrachloro-1,1-biphenyl isomer-10				CAS #:			
9.934	3889881	105.627198	15000	0		0	81
Tetrachloro-1,1-biphenyl isomer-11				CAS #:			
10.057	3061439	83.1313798	12000	0		0	81

Data File: p10211.d

Date: 02-APR-2011 14:40

Client ID: PMP-24-VS-E (1-3) Instrument: BNAMS10.i

Sample Info: 460-24280-F-10-C Operator: BNAMS 4



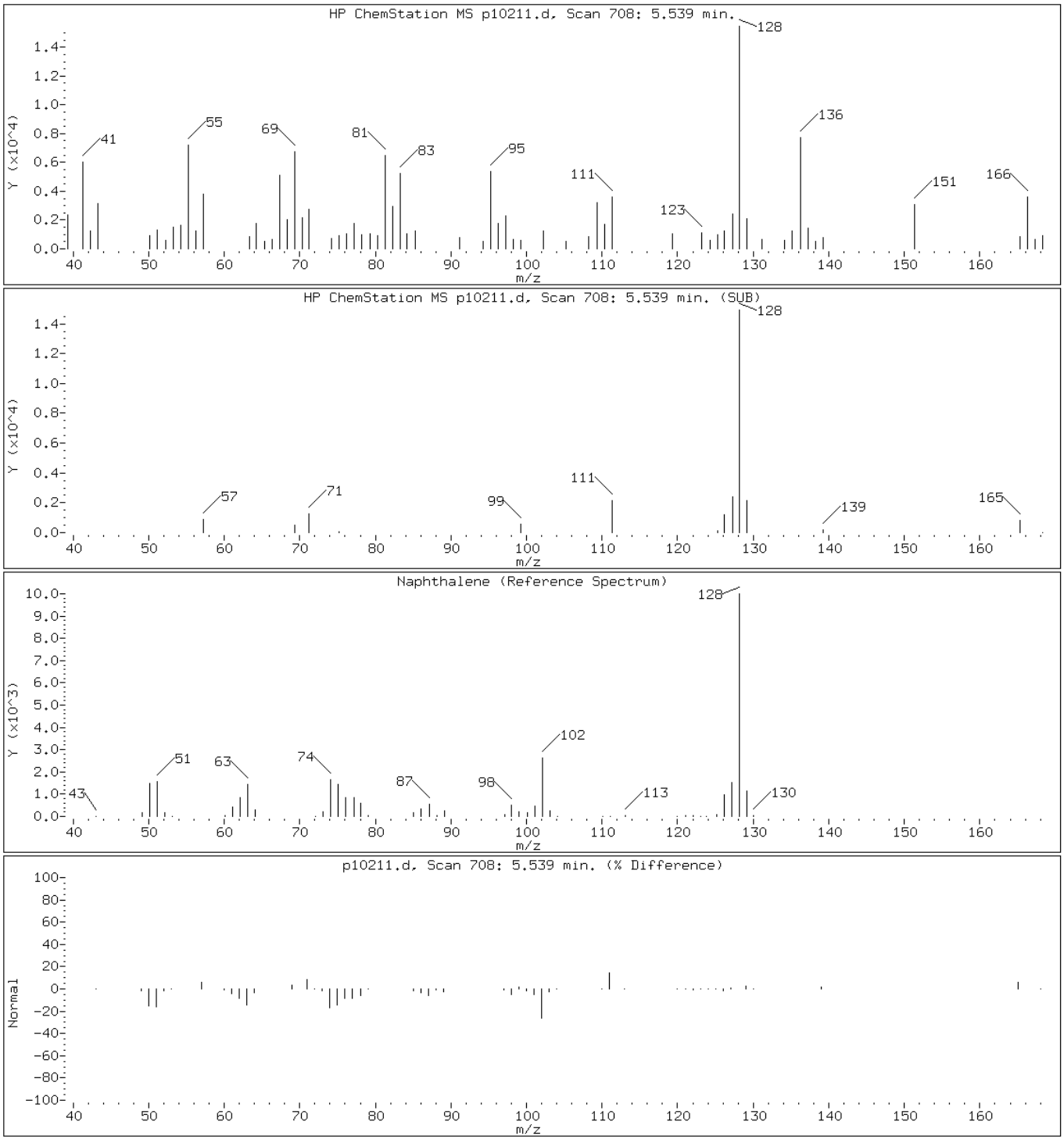
Data File: p10211.d

Date: 02-APR-2011 14:40

Client ID: PMP-24-VS-E (1-3) Instrument: BNAMS10.i

Sample Info: 460-24280-F-10-C Operator: BNAMS 4

31 Naphthalene



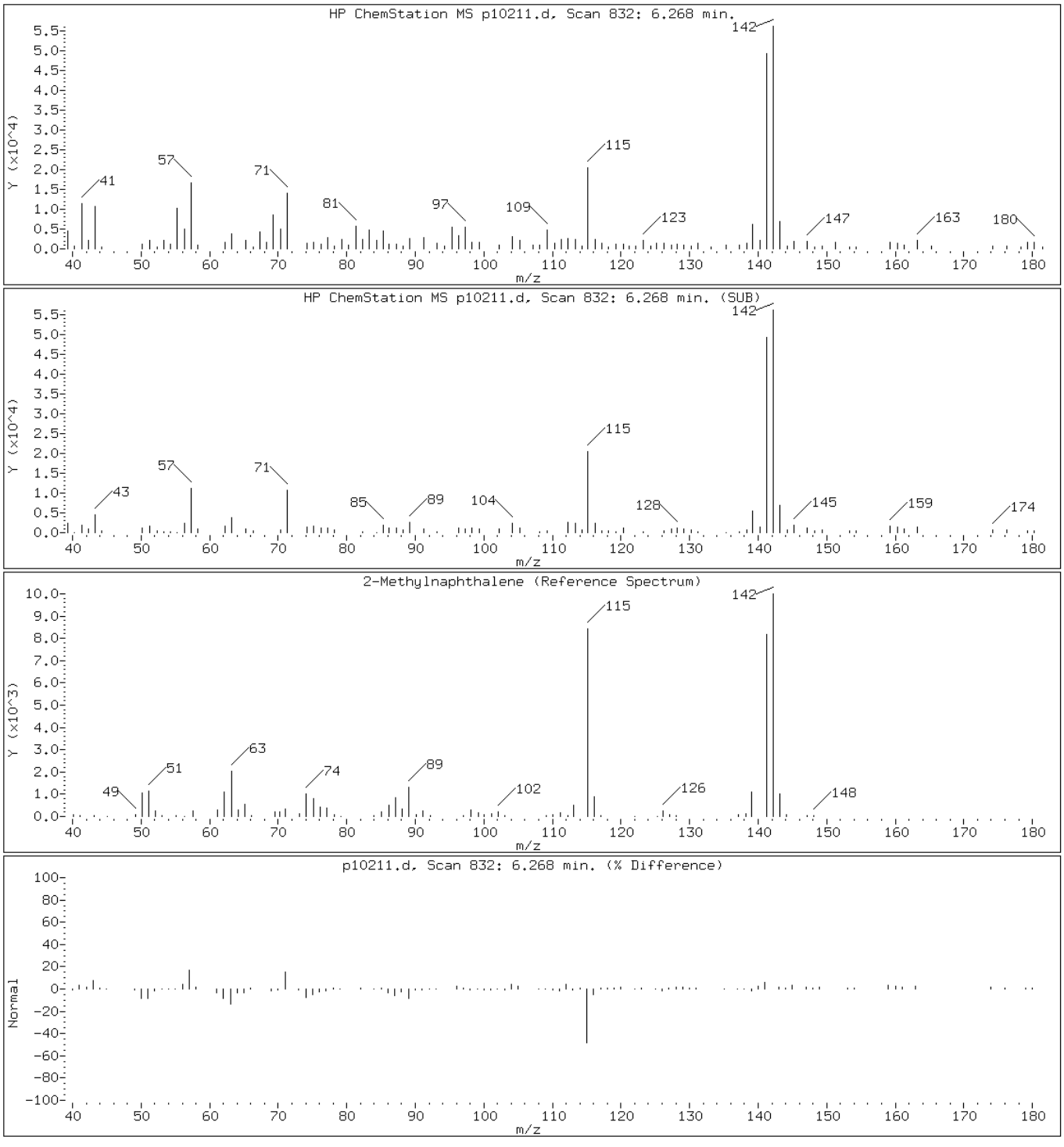
Data File: p10211.d

Date: 02-APR-2011 14:40

Client ID: PMP-24-VS-E (1-3) Instrument: BNAMS10.i

Sample Info: 460-24280-F-10-C Operator: BNAMS 4

34 2-Methylnaphthalene



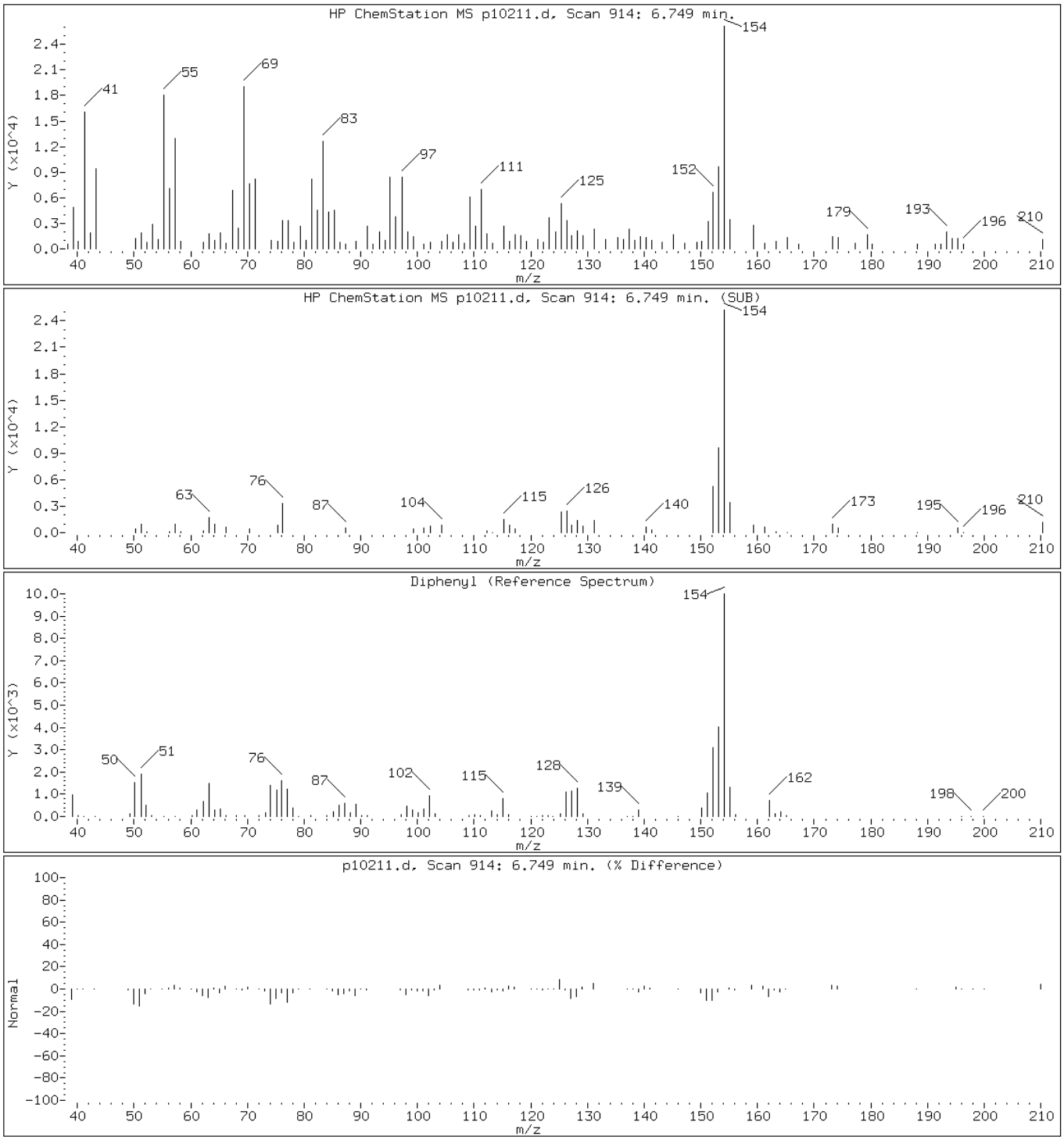
Data File: p10211.d

Date: 02-APR-2011 14:40

Client ID: PMP-24-VS-E (1-3) Instrument: BNAMS10.i

Sample Info: 460-24280-F-10-C Operator: BNAMS 4

102 Diphenyl



Data File: p10211.d

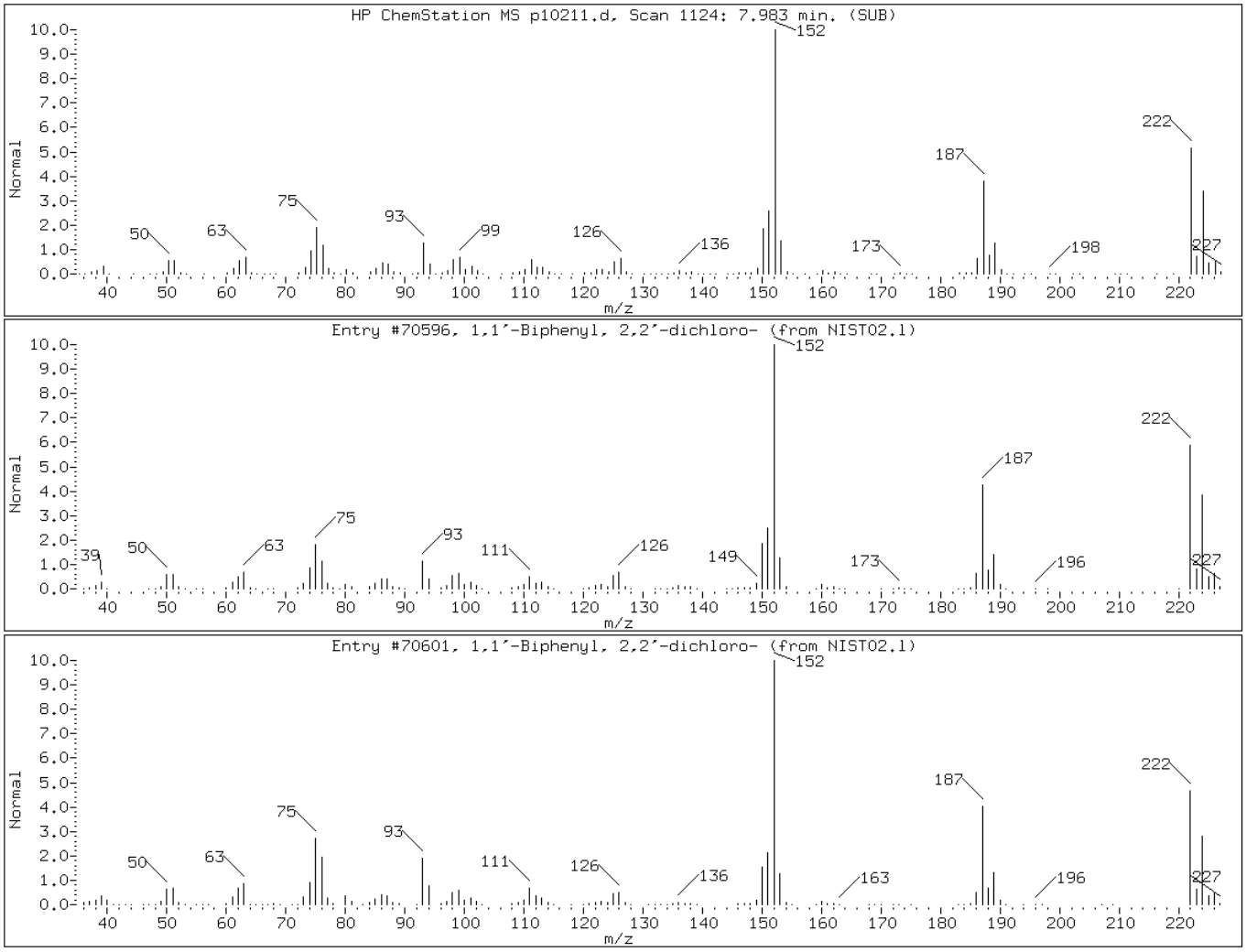
Date: 02-APR-2011 14:40

Client ID: PMP-24-VS-E (1-3) Instrument: BNAMS10.i

Sample Info: 460-24280-F-10-C Operator: BNAMS 4

Retention Time: 7.98

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dichloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,2'-dichloro-	13029-08-8	NIST02.l	70596	99	C12H8Cl2	222
1,1'-Biphenyl, 2,2'-dichloro-	13029-08-8	NIST02.l	70601	98	C12H8Cl2	222



Data File: p10211.d

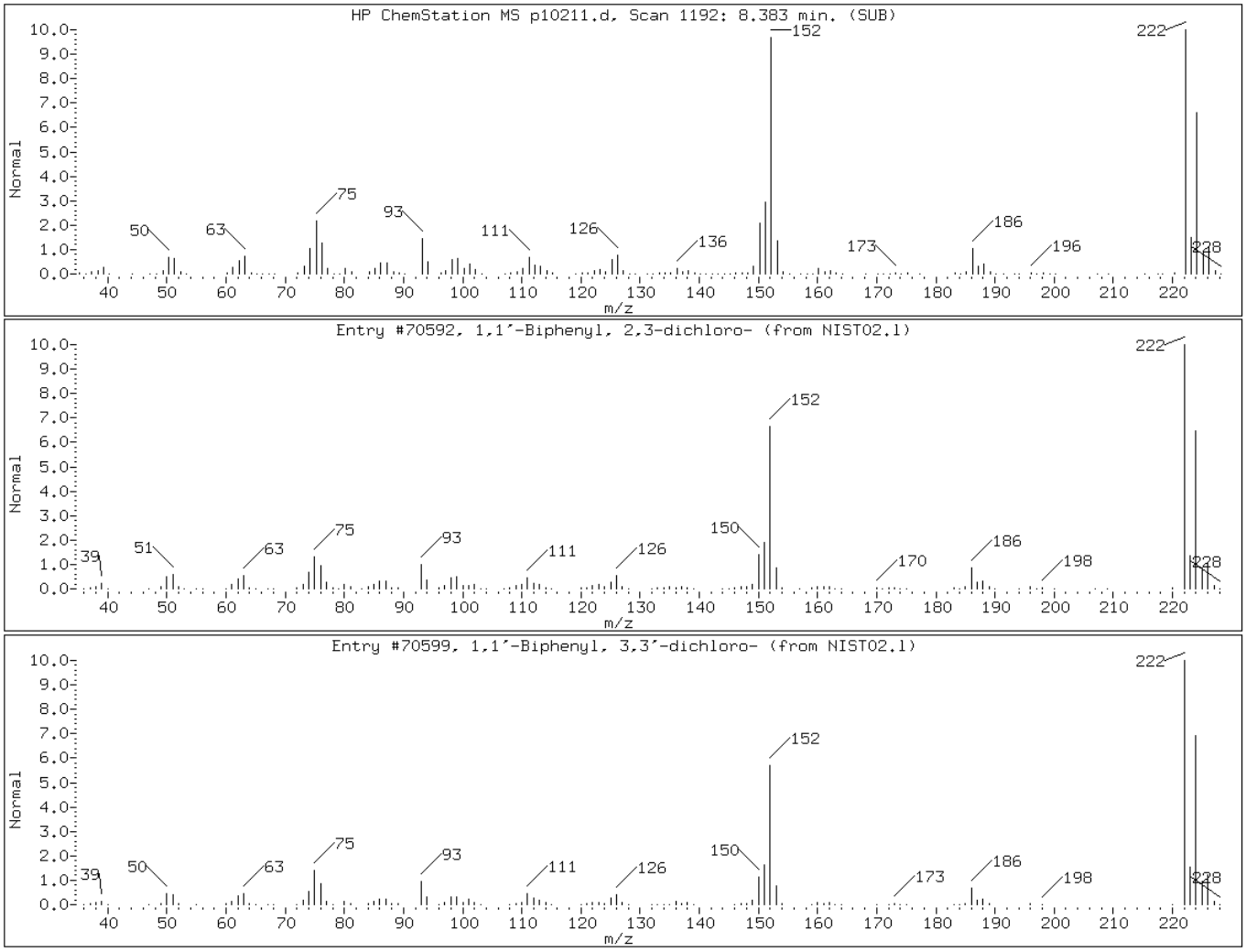
Date: 02-APR-2011 14:40

Client ID: PMP-24-VS-E (1-3) Instrument: BNAMS10.i

Sample Info: 460-24280-F-10-C Operator: BNAMS 4

Retention Time: 8.38

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dichloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 2,3-dichloro-	16605-91-7	NIST02.l	70592	99	C12H8Cl2	222
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.l	70599	99	C12H8Cl2	222



Data File: p10211.d

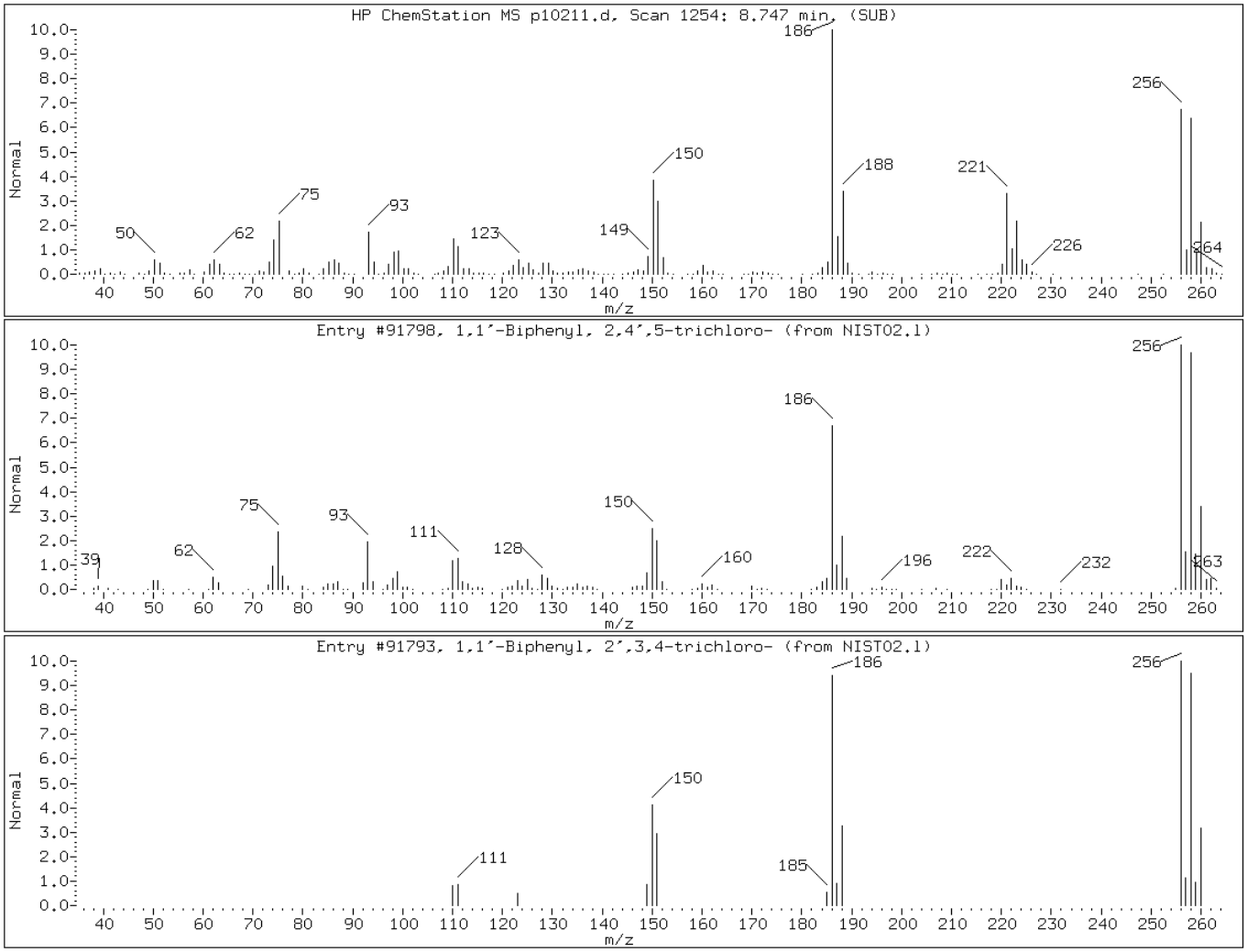
Date: 02-APR-2011 14:40

Client ID: PMP-24-VS-E (1-3) Instrument: BNAMS10.i

Sample Info: 460-24280-F-10-C Operator: BNAMS 4

Retention Time: 8.75

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91798	98	C12H7Cl3	256
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	96	C12H7Cl3	256



Data File: p10211.d

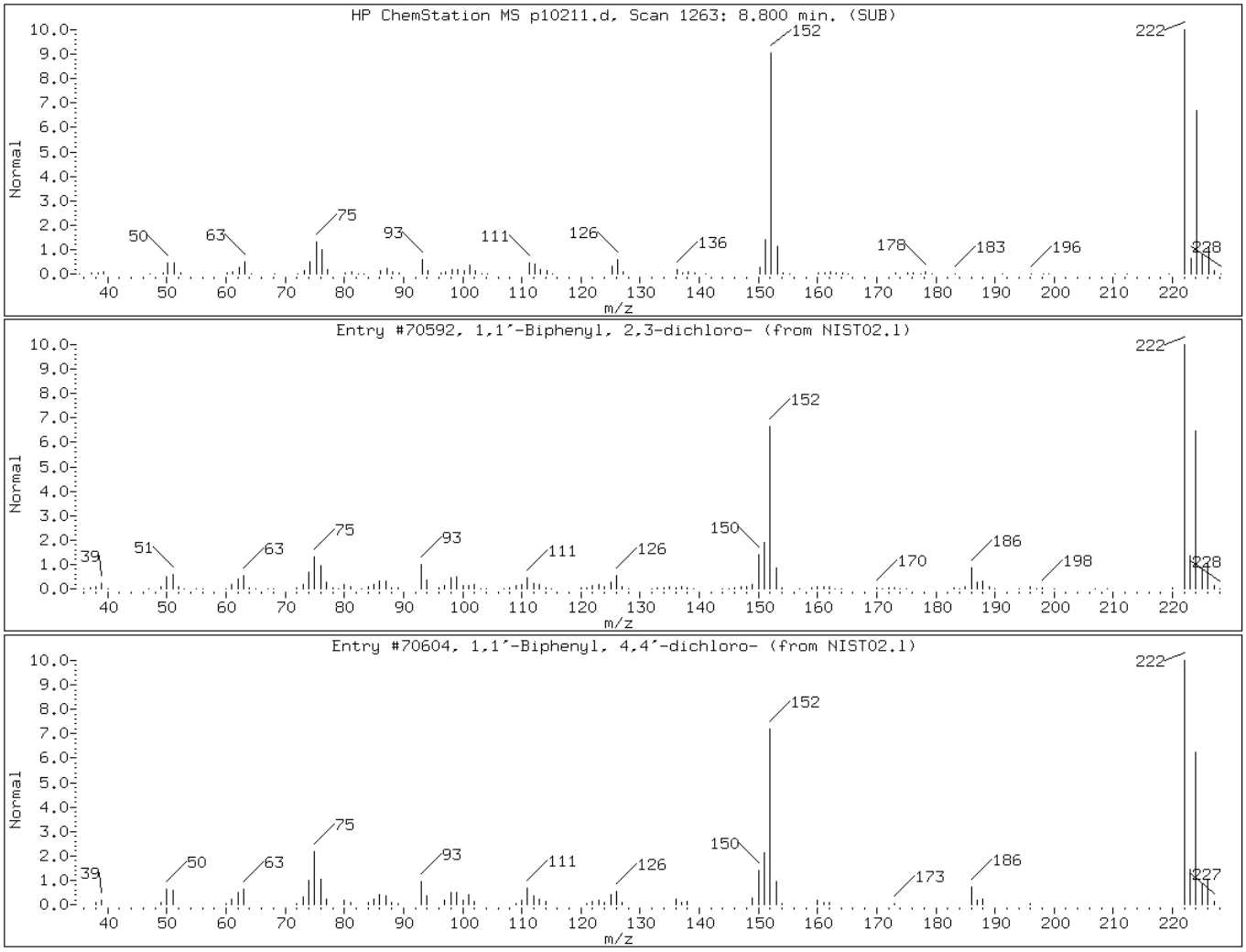
Date: 02-APR-2011 14:40

Client ID: PMP-24-VS-E (1-3) Instrument: BNAMS10.i

Sample Info: 460-24280-F-10-C Operator: BNAMS 4

Retention Time: 8.80

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dichloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 2,3-dichloro-	16605-91-7	NIST02.l	70592	94	C12H8Cl2	222
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.l	70604	94	C12H8Cl2	222



Data File: p10211.d

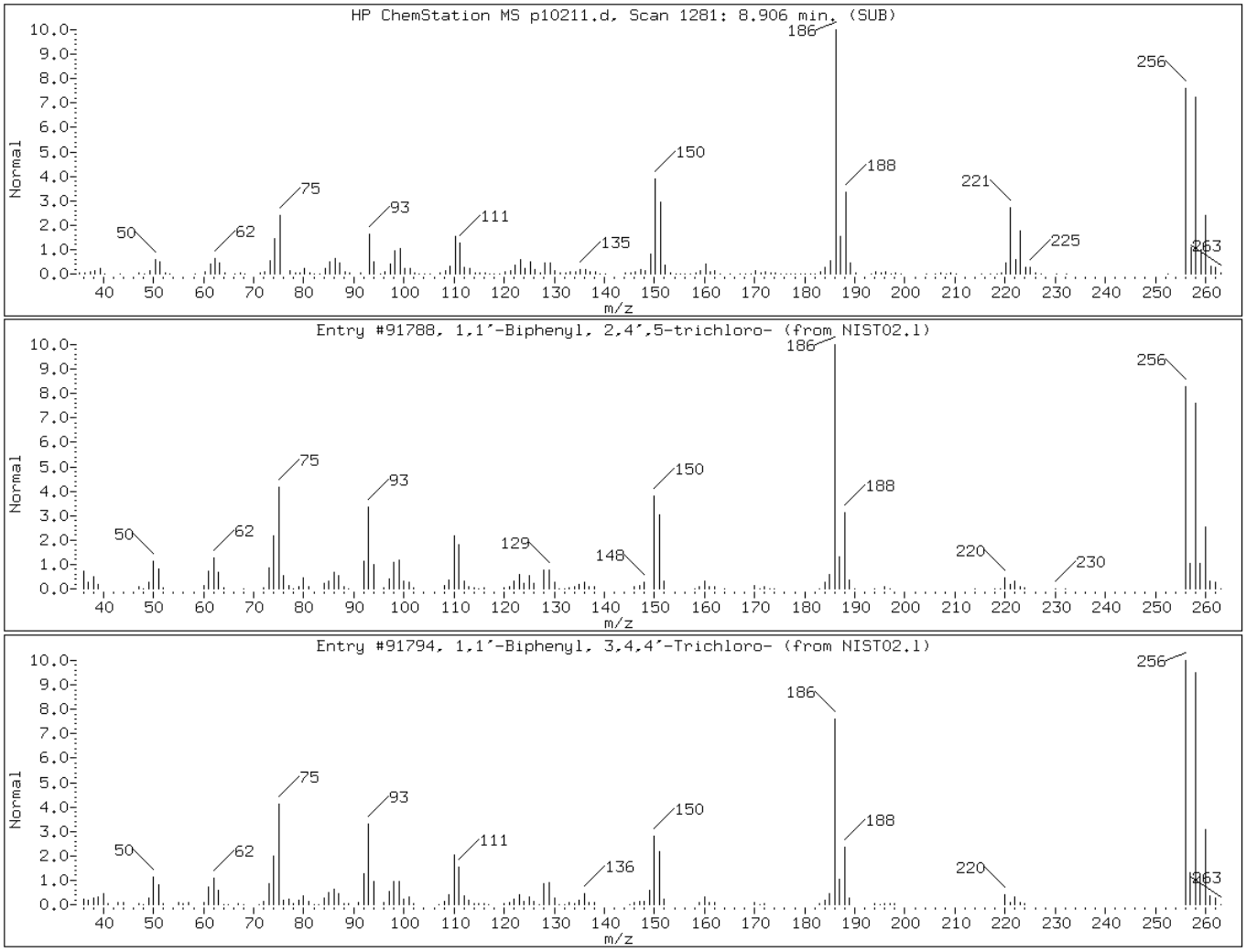
Date: 02-APR-2011 14:40

Client ID: PMP-24-VS-E (1-3) Instrument: BNAMS10.i

Sample Info: 460-24280-F-10-C Operator: BNAMS 4

Retention Time: 8.91

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, 3,4,4'-Trichloro-	38444-90-5	NIST02.l	91794	98	C12H7Cl3	256



Data File: p10211.d

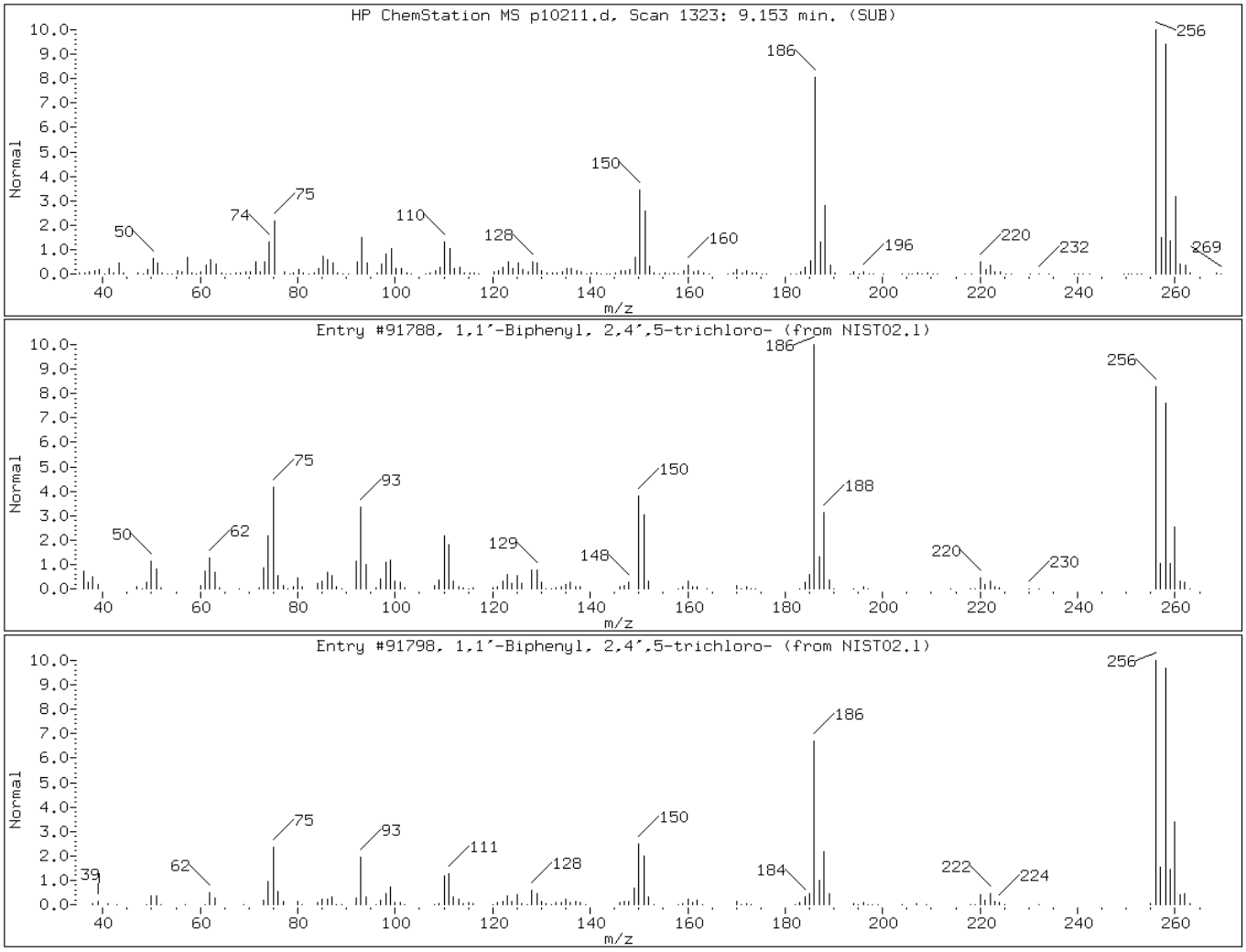
Date: 02-APR-2011 14:40

Client ID: PMP-24-VS-E (1-3) Instrument: BNAMS10.i

Sample Info: 460-24280-F-10-C Operator: BNAMS 4

Retention Time: 9.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	99	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91798	99	C12H7Cl3	256



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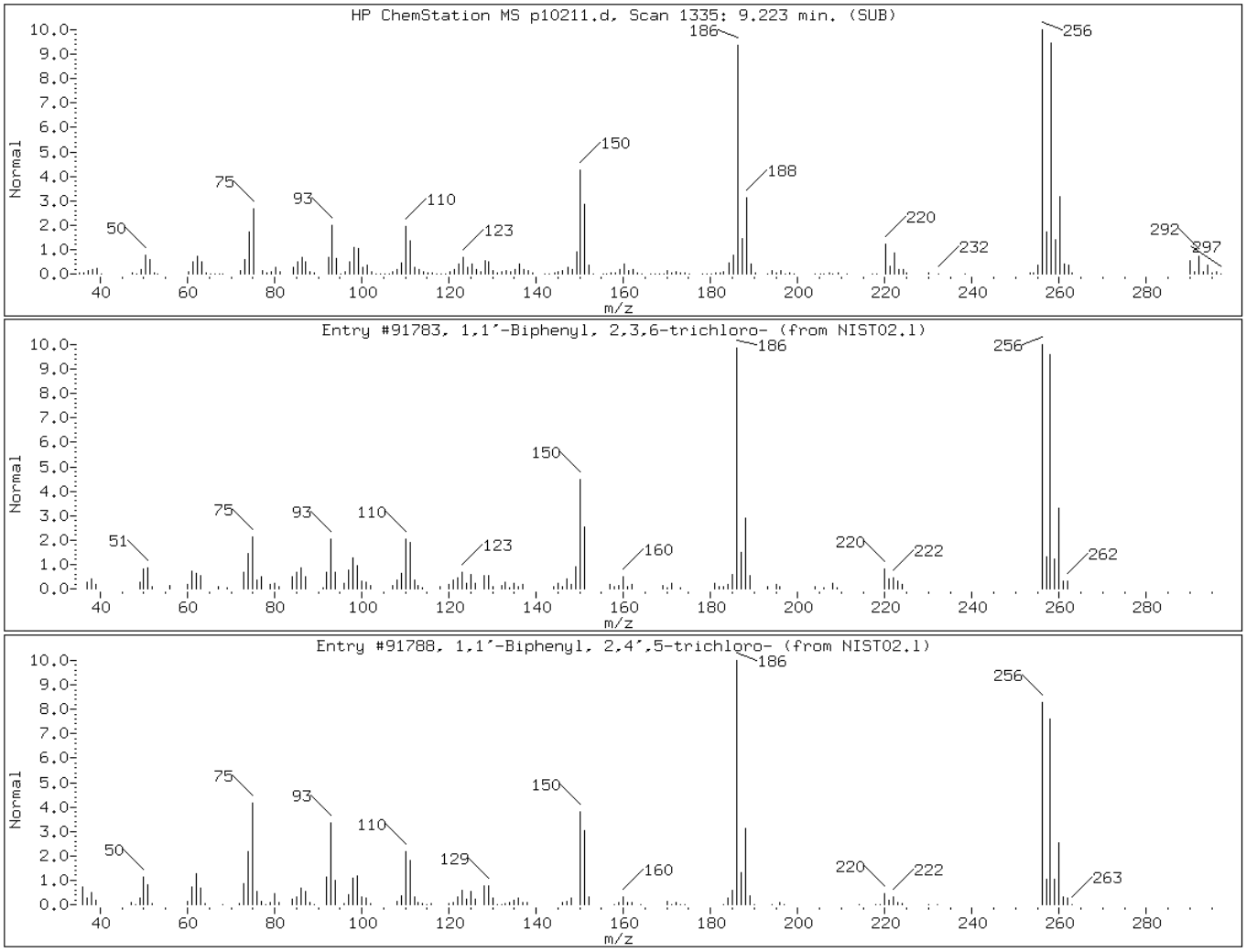
Date: 02-APR-2011 14:40

Client ID: PMP-24-VS-E (1-3) Instrument: BNAMS10.i

Sample Info: 460-24280-F-10-C Operator: BNAMS 4

Retention Time: 9.22

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.l	91783	99	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	99	C12H7Cl3	256



Data File: p10211.d

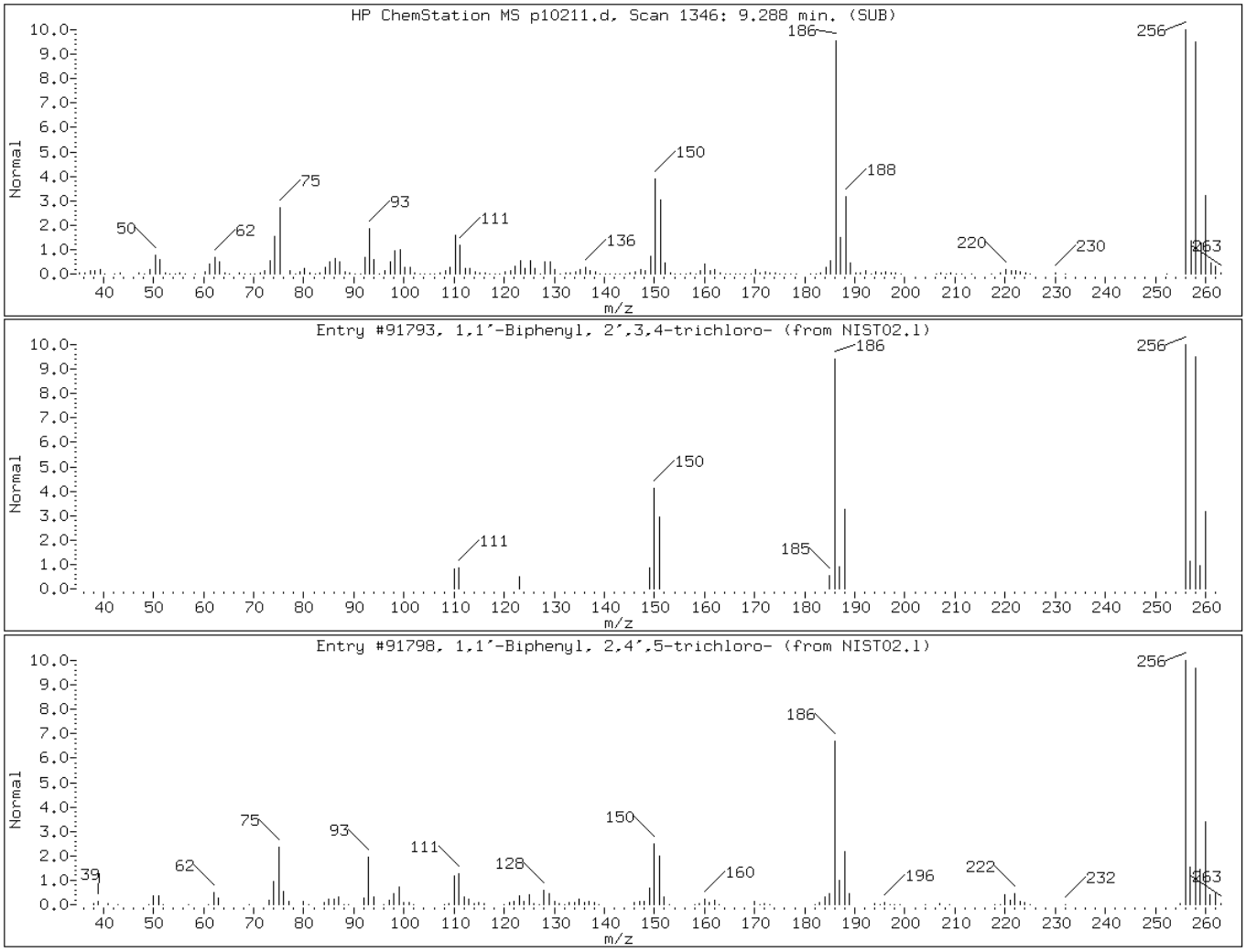
Date: 02-APR-2011 14:40

Client ID: PMP-24-VS-E (1-3) Instrument: BNAMS10.i

Sample Info: 460-24280-F-10-C Operator: BNAMS 4

Retention Time: 9.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-5						
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	91798	95	C12H7Cl3	256



Data File: p10211.d

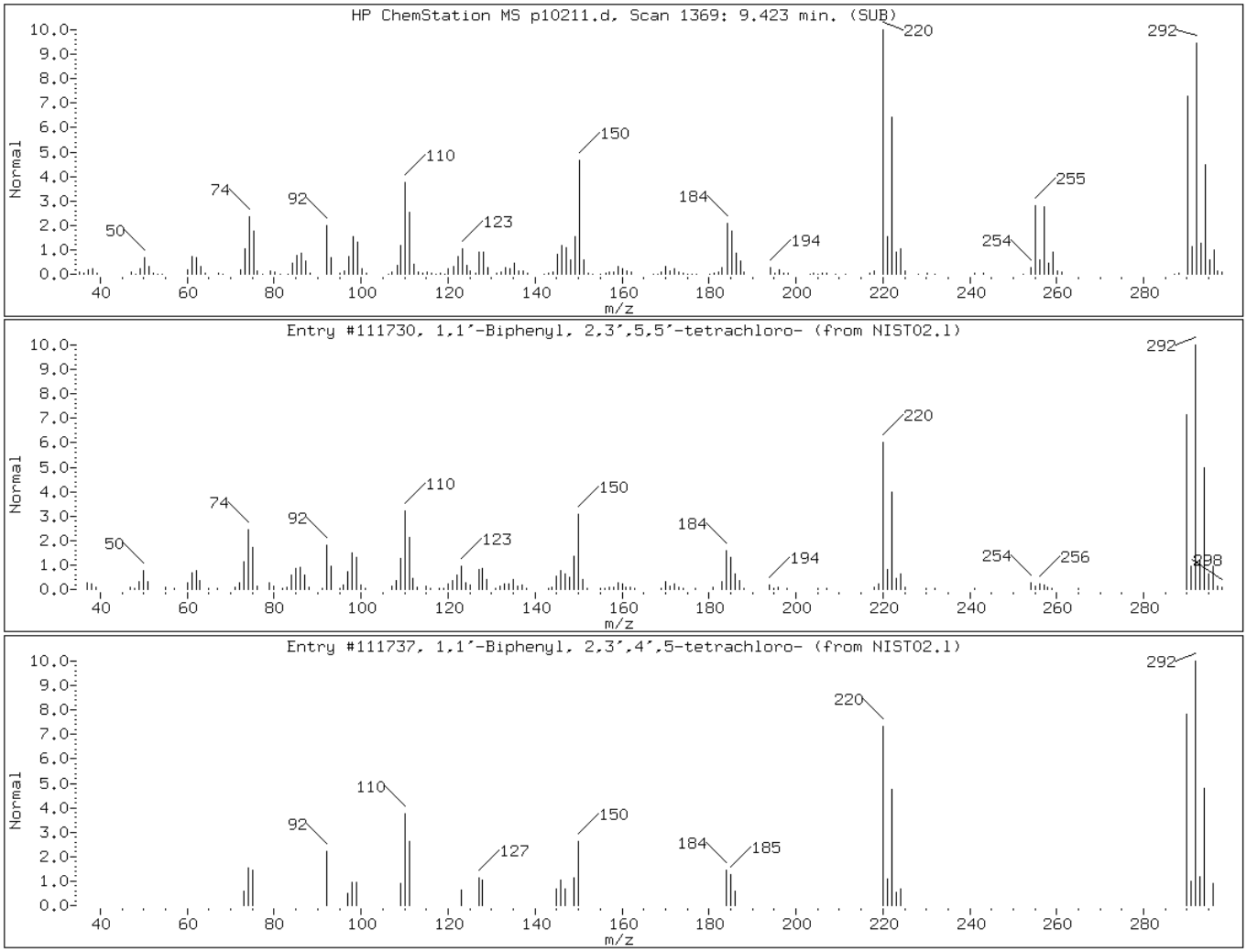
Date: 02-APR-2011 14:40

Client ID: PMP-24-VS-E (1-3) Instrument: BNAMS10.i

Sample Info: 460-24280-F-10-C Operator: BNAMS 4

Retention Time: 9.42

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	111730	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111737	99	C12H6Cl4	290



Data File: p10211.d

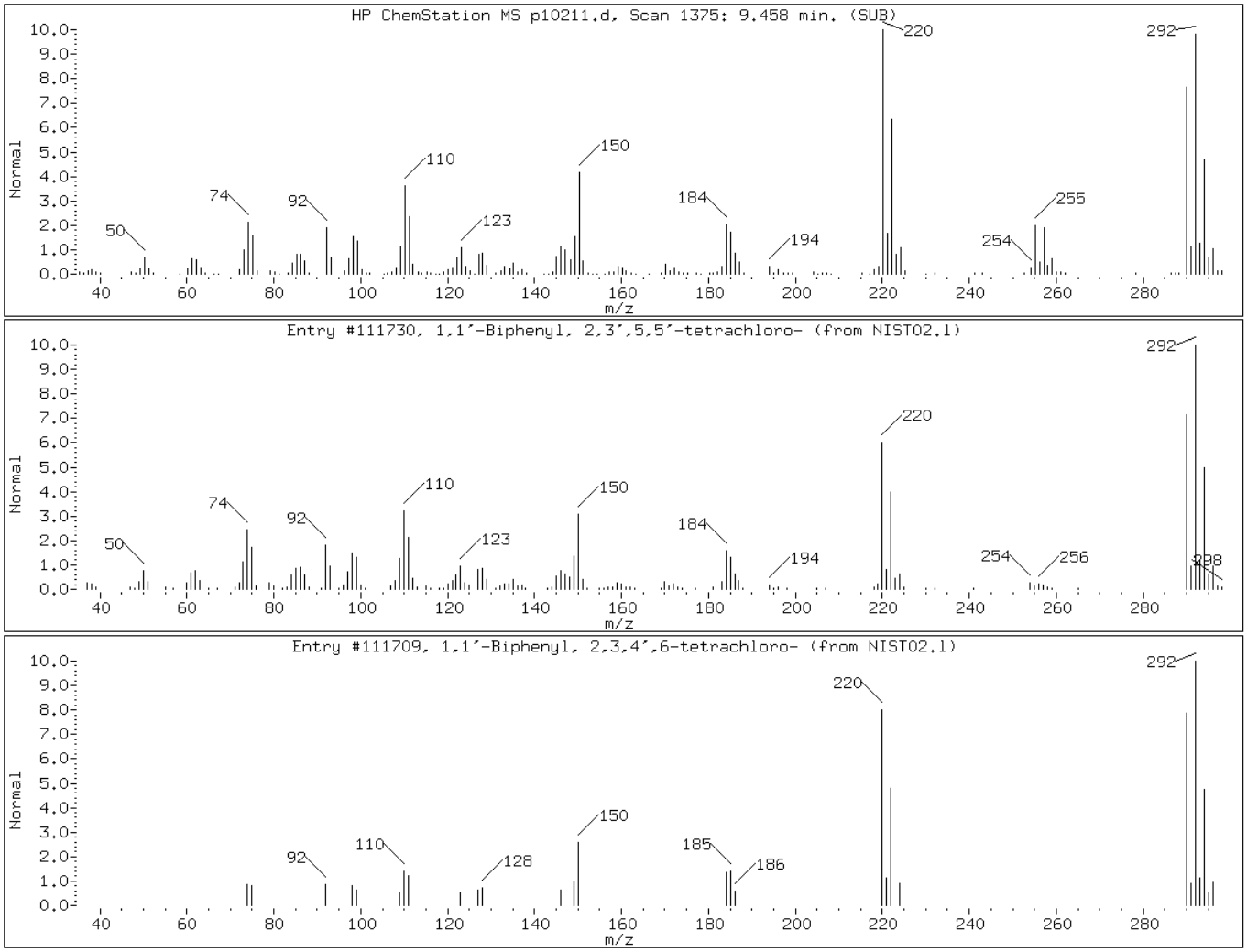
Date: 02-APR-2011 14:40

Client ID: PMP-24-VS-E (1-3) Instrument: BNAMS10.i

Sample Info: 460-24280-F-10-C Operator: BNAMS 4

Retention Time: 9.46

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	111730	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	99	C12H6Cl4	290



Data File: p10211.d

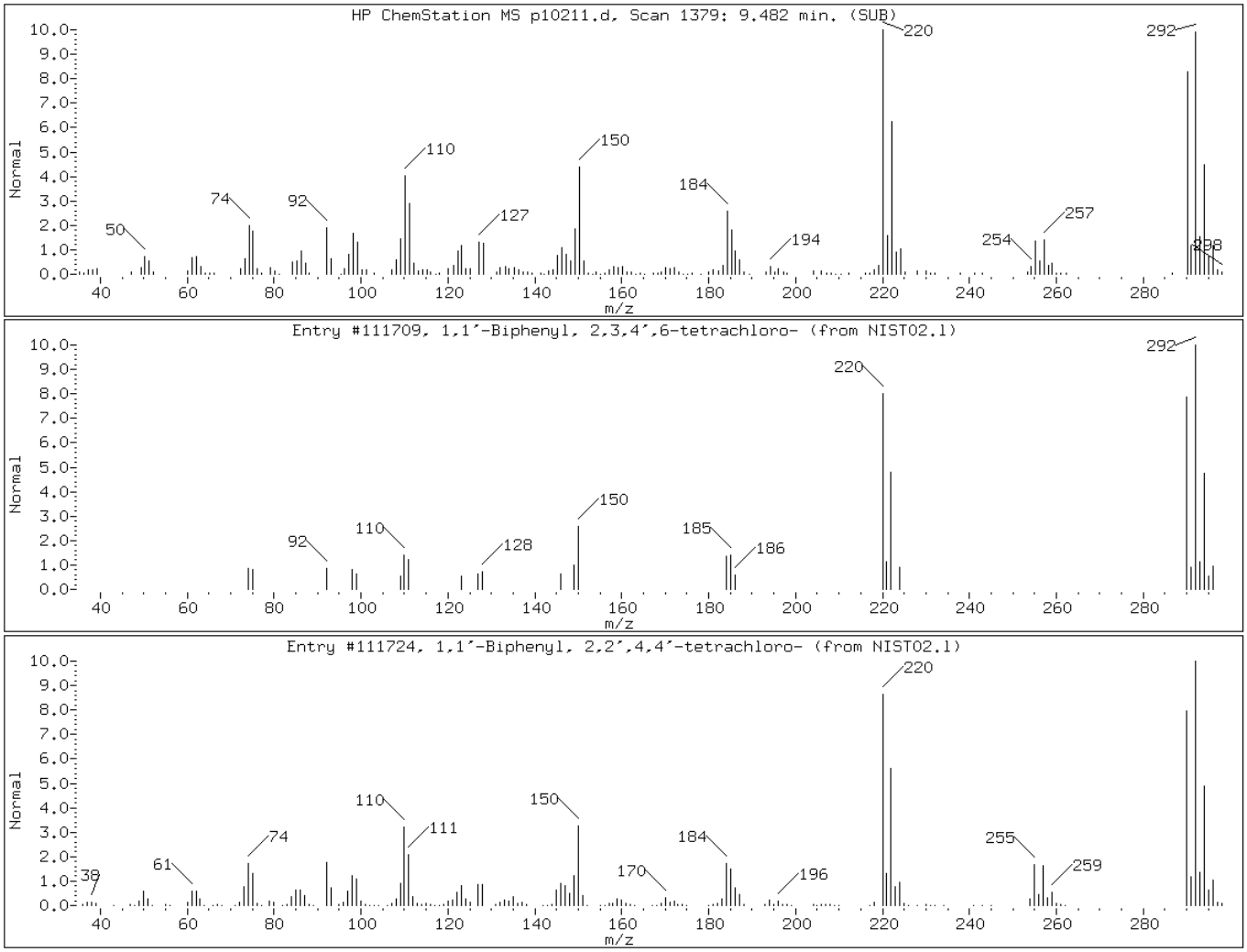
Date: 02-APR-2011 14:40

Client ID: PMP-24-VS-E (1-3) Instrument: BNAMS10.i

Sample Info: 460-24280-F-10-C Operator: BNAMS 4

Retention Time: 9.48

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',4,4'-tetrachlo	2437-79-8	NIST02.l	111724	99	C12H6Cl4	290



Data File: p10211.d

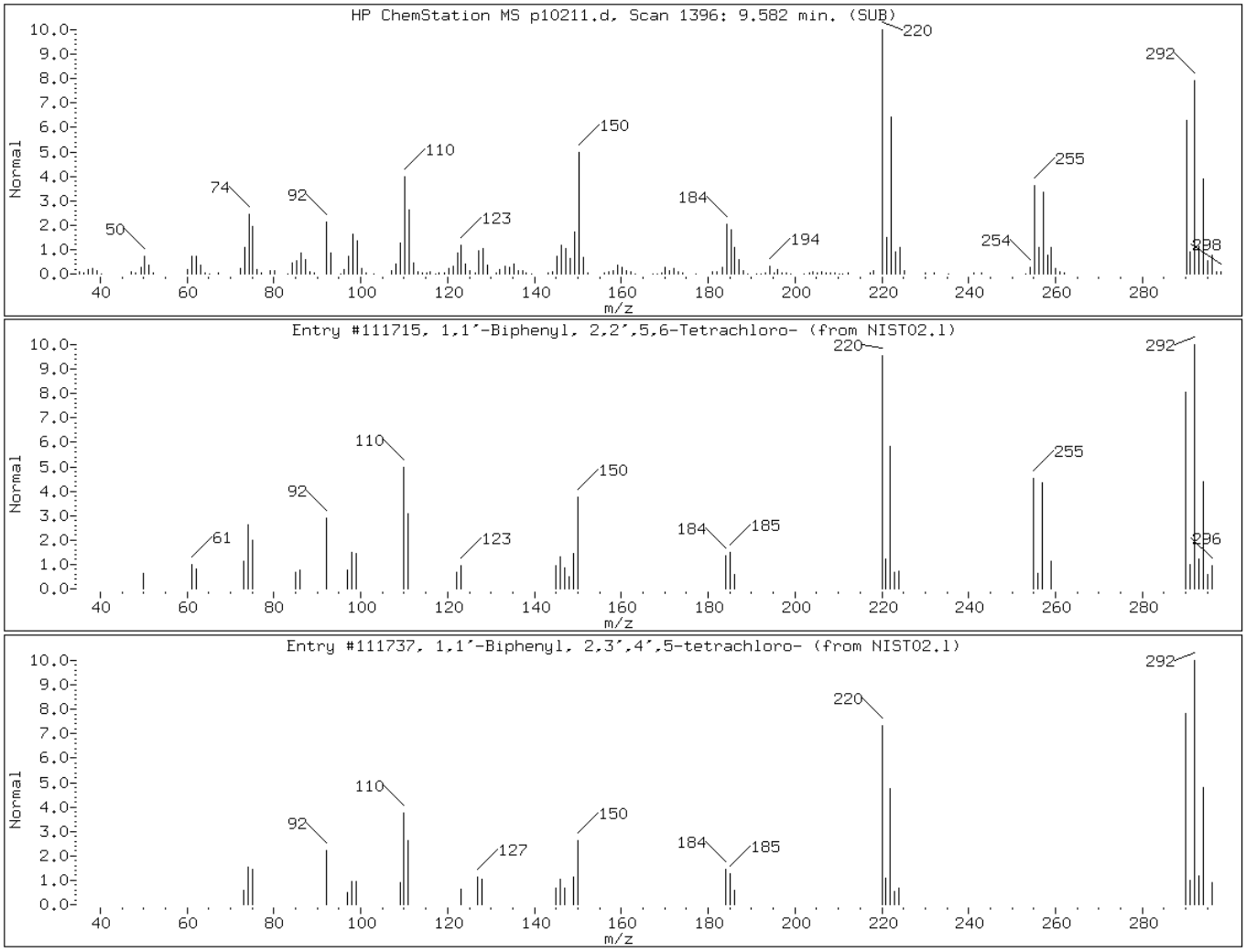
Date: 02-APR-2011 14:40

Client ID: PMP-24-VS-E (1-3) Instrument: BNAMS10.i

Sample Info: 460-24280-F-10-C Operator: BNAMS 4

Retention Time: 9.58

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 2,2',5,6-Tetrachlor	41464-41-9	NIST02.l	111715	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111737	99	C12H6Cl4	290



Data File: p10211.d

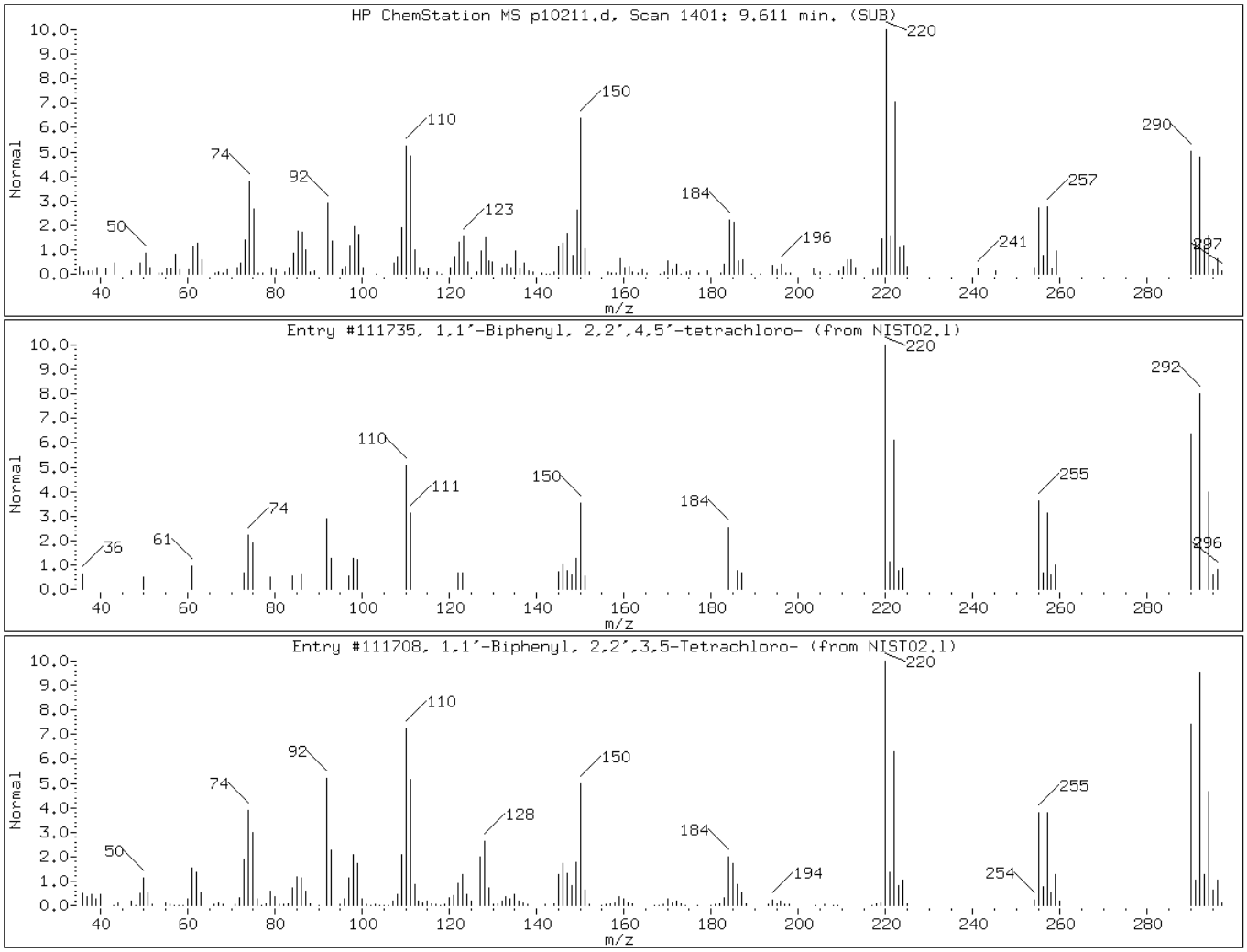
Date: 02-APR-2011 14:40

Client ID: PMP-24-VS-E (1-3) Instrument: BNAMS10.i

Sample Info: 460-24280-F-10-C Operator: BNAMS 4

Retention Time: 9.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-5						
1,1'-Biphenyl, 2,2',4,5'-tetrachlo	41464-40-8	NIST02.l	111735	89	C12H6Cl4	290
1,1'-Biphenyl, 2,2',3,5-Tetrachlor	70362-46-8	NIST02.l	111708	87	C12H6Cl4	290



Data File: p10211.d

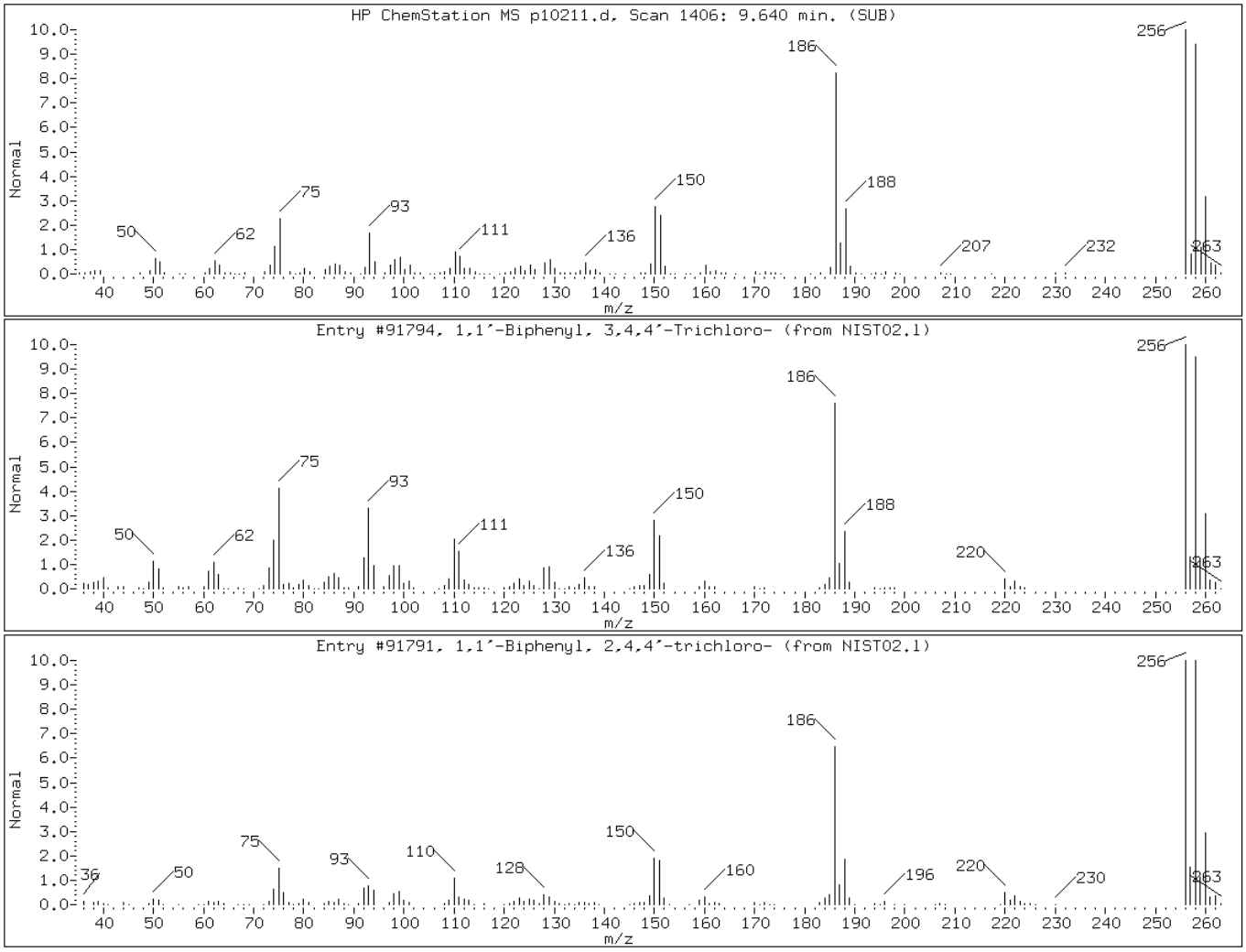
Date: 02-APR-2011 14:40

Client ID: PMP-24-VS-E (1-3) Instrument: BNAMS10.i

Sample Info: 460-24280-F-10-C Operator: BNAMS 4

Retention Time: 9.64

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-6						
1,1'-Biphenyl, 3,4,4'-Trichloro-	38444-90-5	NIST02.l	91794	94	C12H7Cl3	256
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91791	94	C12H7Cl3	256



Data File: p10211.d

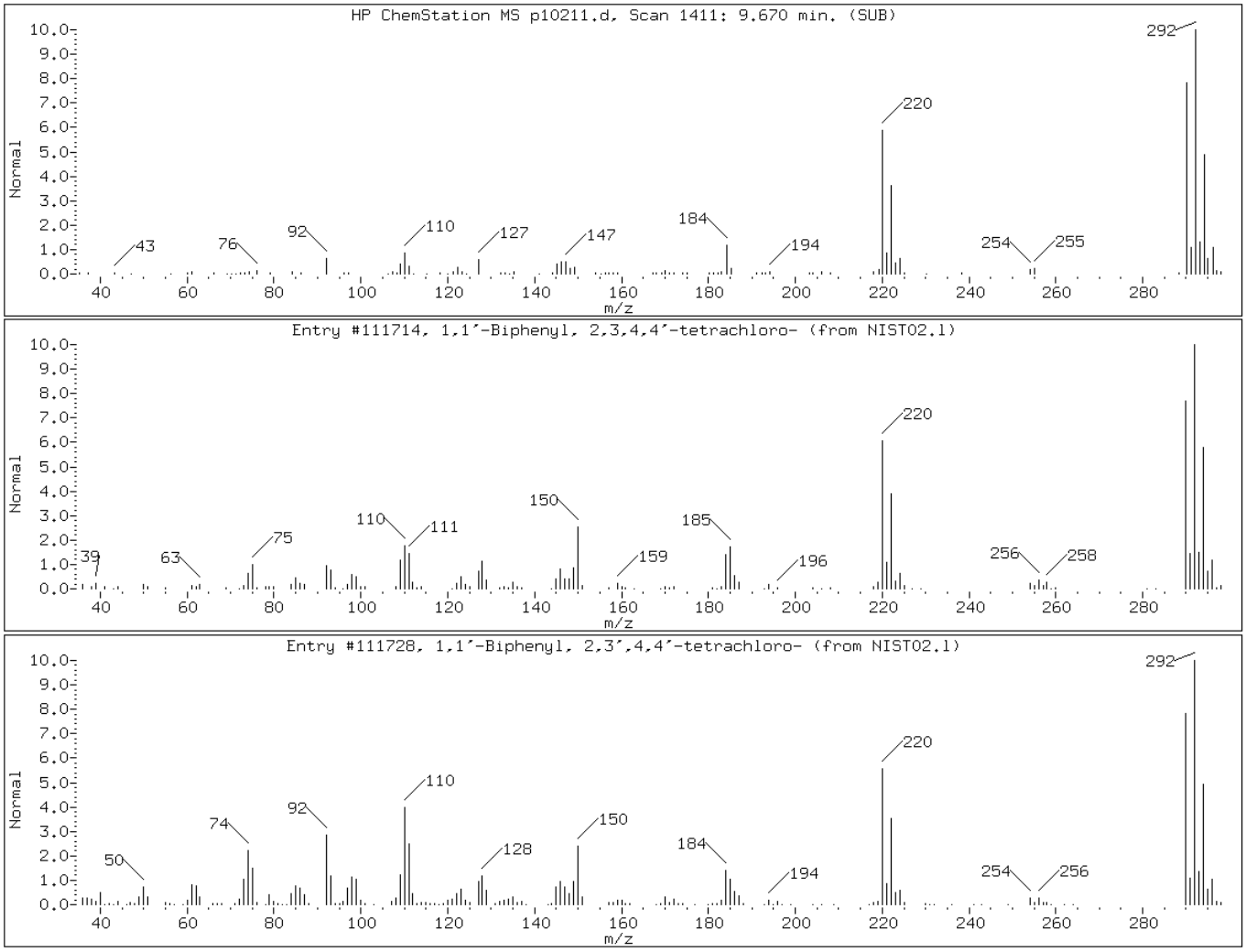
Date: 02-APR-2011 14:40

Client ID: PMP-24-VS-E (1-3) Instrument: BNAMS10.i

Sample Info: 460-24280-F-10-C Operator: BNAMS 4

Retention Time: 9.67

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-6						
1,1'-Biphenyl, 2,3,4,4'-tetrachlor	33025-41-1	NIST02.l	111714	95	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4,4'-tetrachlo	32598-10-0	NIST02.l	111728	95	C12H6Cl4	290



Data File: p10211.d

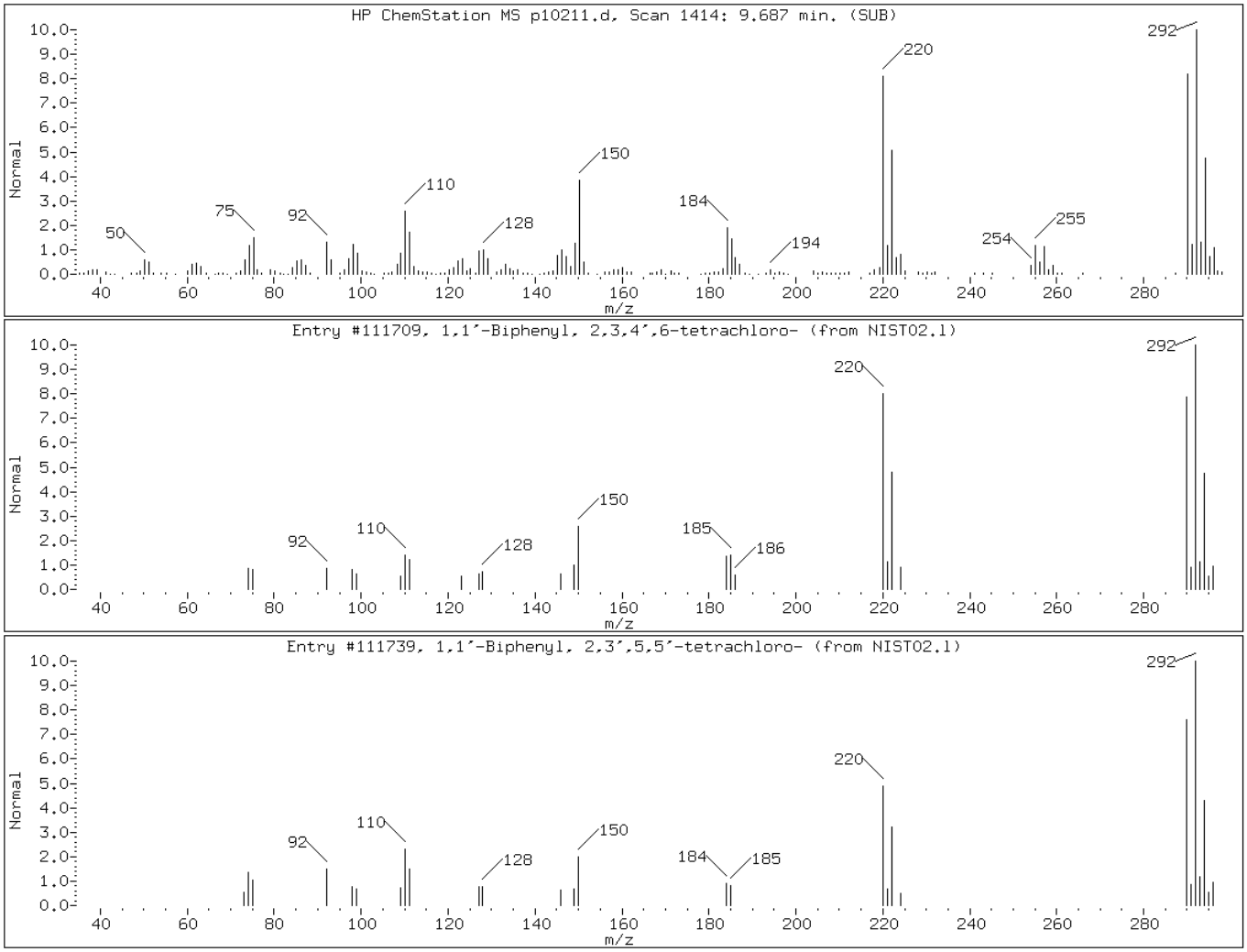
Date: 02-APR-2011 14:40

Client ID: PMP-24-VS-E (1-3) Instrument: BNAMS10.i

Sample Info: 460-24280-F-10-C Operator: BNAMS 4

Retention Time: 9.69

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',5,5'-tetrachlo	41464-42-0	NIST02.l	111739	99	C12H6Cl4	290



Data File: p10211.d

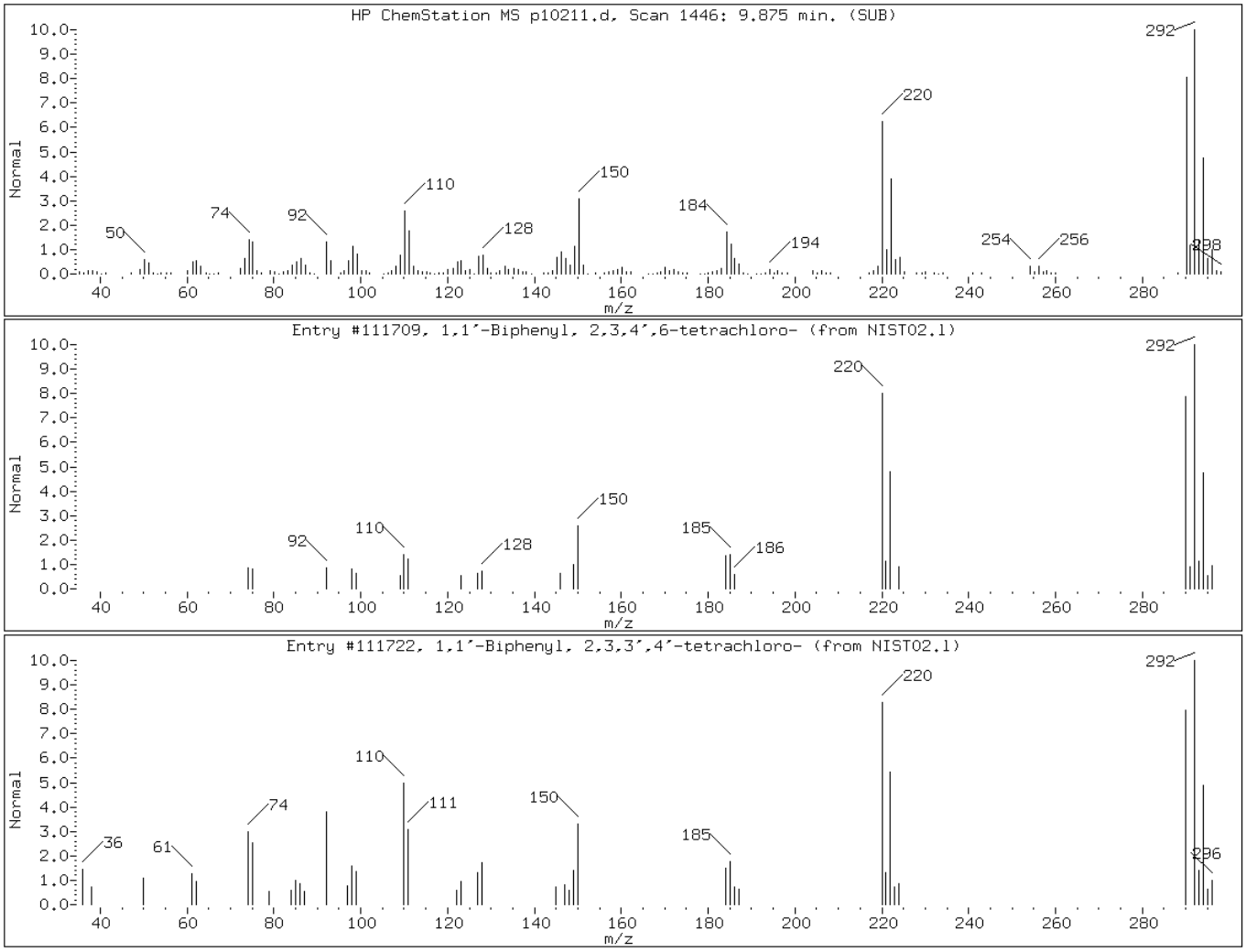
Date: 02-APR-2011 14:40

Client ID: PMP-24-VS-E (1-3) Instrument: BNAMS10.i

Sample Info: 460-24280-F-10-C Operator: BNAMS 4

Retention Time: 9.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-8						
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3,3',4'-tetrachlo	41464-43-1	NIST02.l	111722	99	C12H6Cl4	290



Data File: p10211.d

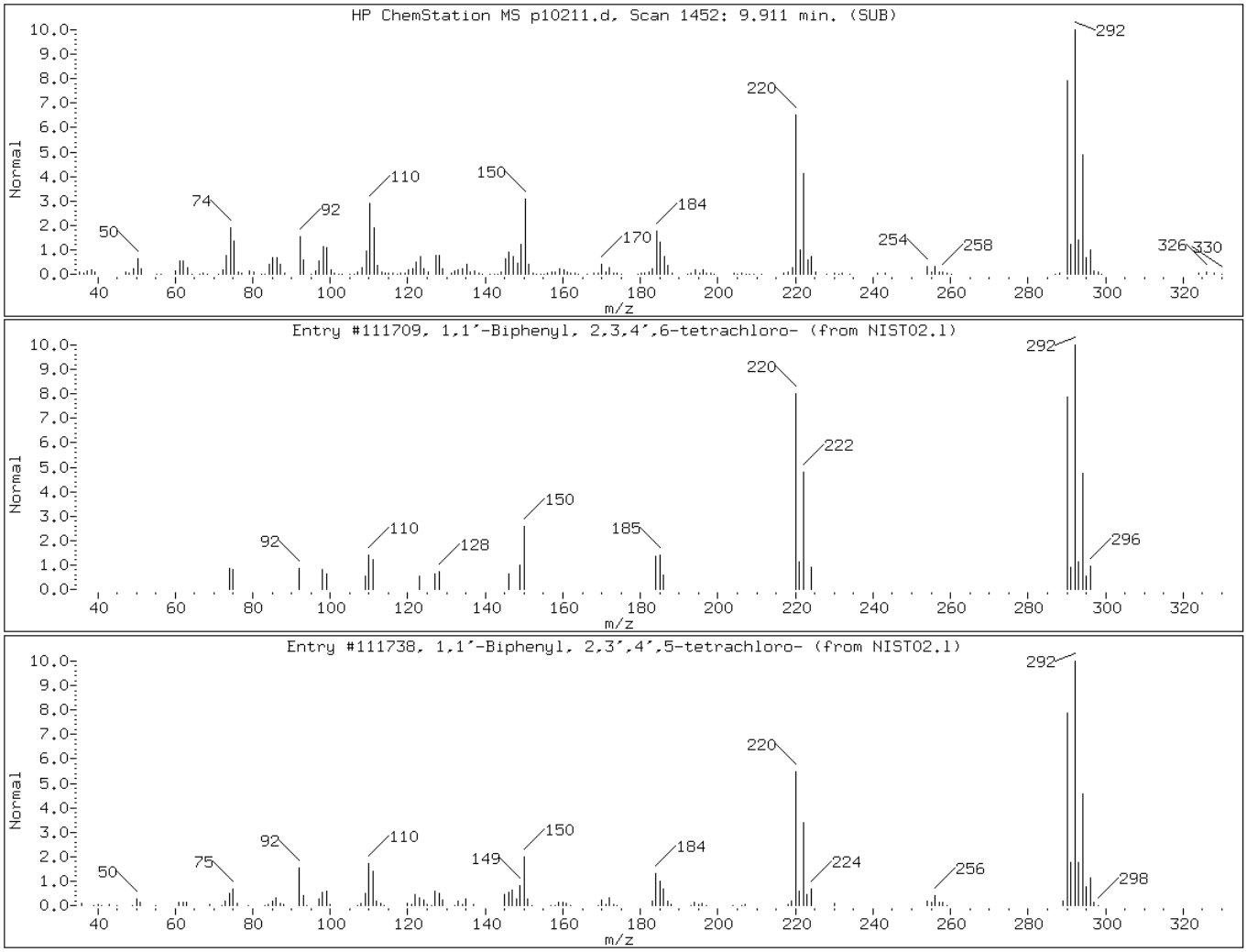
Date: 02-APR-2011 14:40

Client ID: PMP-24-VS-E (1-3) Instrument: BNAMS10.i

Sample Info: 460-24280-F-10-C Operator: BNAMS 4

Retention Time: 9.91

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	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111738	99	C12H6Cl4	290



Data File: p10211.d

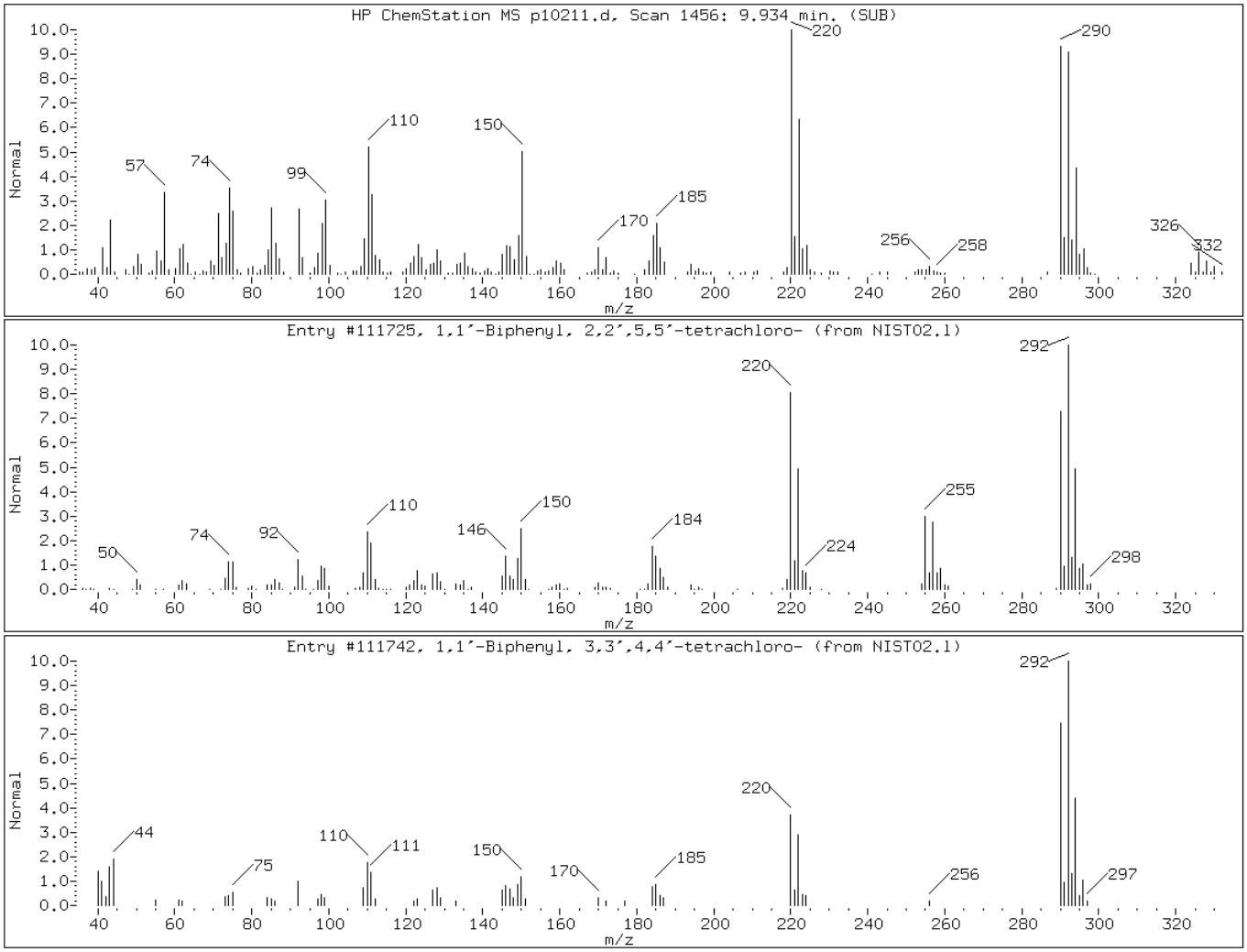
Date: 02-APR-2011 14:40

Client ID: PMP-24-VS-E (1-3) Instrument: BNAMS10.i

Sample Info: 460-24280-F-10-C Operator: BNAMS 4

Retention Time: 9.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-10						
1,1'-Biphenyl, 2,2',5,5'-tetrachlo	35693-99-3	NIST02.l	111725	98	C12H6Cl4	290
1,1'-Biphenyl, 3,3',4,4'-tetrachlo	32598-13-3	NIST02.l	111742	98	C12H6Cl4	290



Data File: p10211.d

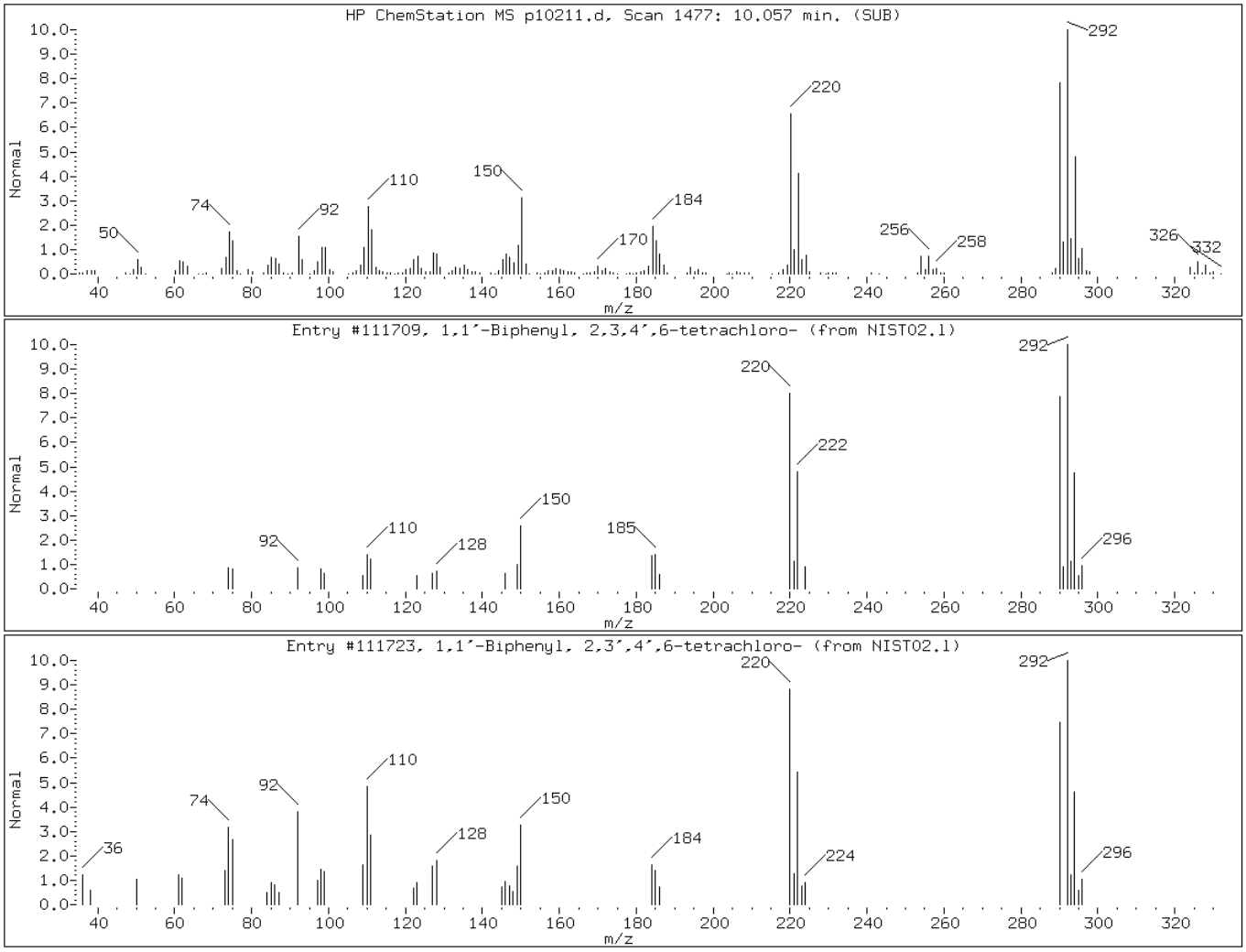
Date: 02-APR-2011 14:40

Client ID: PMP-24-VS-E (1-3) Instrument: BNAMS10.i

Sample Info: 460-24280-F-10-C Operator: BNAMS 4

Retention Time: 10.06

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-11						
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4',6-tetrachlo	41464-46-4	NIST02.l	111723	99	C12H6Cl4	290



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-VD-E (4.5-6.5) | Lab Sample ID: 460-24280-11

Matrix: Solid | Lab File ID: p10212.d

Analysis Method: 8270C | Date Collected: 03/17/2011 10:30

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.03(g) | Date Analyzed: 04/02/2011 15:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	1800	U	1800	230
95-57-8	2-Chlorophenol	1800	U	1800	250
95-48-7	2-Methylphenol	1800	U	1800	270
106-44-5	4-Methylphenol	1800	U	1800	300
100-52-7	Benzaldehyde	1800	U	1800	120
98-86-2	Acetophenone	1800	U	1800	270
111-44-4	Bis(2-chloroethyl)ether	180	U	180	38
108-60-1	2,2'-oxybis[1-chloropropane]	1800	U	1800	240
621-64-7	N-Nitrosodi-n-propylamine	180	U	180	24
98-95-3	Nitrobenzene	180	U	180	41
67-72-1	Hexachloroethane	180	U	180	31
78-59-1	Isophorone	1800	U	1800	210
88-75-5	2-Nitrophenol	1800	U	1800	300
105-67-9	2,4-Dimethylphenol	1800	U	1800	300
120-83-2	2,4-Dichlorophenol	1800	U	1800	300
111-91-1	Bis(2-chloroethoxy)methane	1800	U	1800	260
91-20-3	Naphthalene	13000		1800	270
106-47-8	4-Chloroaniline	1800	U	1800	230
87-68-3	Hexachlorobutadiene	370	U	370	75
105-60-2	Caprolactam	1800	U	1800	250
59-50-7	4-Chloro-3-methylphenol	1800	U	1800	310
91-57-6	2-Methylnaphthalene	27000		1800	270
118-74-1	Hexachlorobenzene	180	U	180	26
77-47-4	Hexachlorocyclopentadiene	1800	U	1800	540
88-06-2	2,4,6-Trichlorophenol	1800	U	1800	330
95-95-4	2,4,5-Trichlorophenol	1800	U	1800	360
92-52-4	Diphenyl	3700		1800	300
91-58-7	2-Chloronaphthalene	1800	U	1800	260
88-74-4	2-Nitroaniline	3700	U	3700	510
606-20-2	2,6-Dinitrotoluene	370	U	370	47
131-11-3	Dimethyl phthalate	1800	U	1800	250
208-96-8	Acenaphthylene	1800	U	1800	260
99-09-2	3-Nitroaniline	3700	U	3700	420
83-32-9	Acenaphthene	1100	J	1800	260

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-VD-E (4.5-6.5) | Lab Sample ID: 460-24280-11

Matrix: Solid | Lab File ID: p10212.d

Analysis Method: 8270C | Date Collected: 03/17/2011 10:30

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.03(g) | Date Analyzed: 04/02/2011 15:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5600	U	5600	470
51-28-5	2,4-Dinitrophenol	5600	U	5600	390
132-64-9	Dibenzofuran	750	J	1800	280
84-66-2	Diethyl phthalate	1800	U	1800	250
86-73-7	Fluorene	810	J	1800	310
206-44-0	Fluoranthene	1800	U	1800	310
84-74-2	Di-n-butyl phthalate	1800	U	1800	280
121-14-2	2,4-Dinitrotoluene	370	U	370	54
7005-72-3	4-Chlorophenyl phenyl ether	1800	U	1800	320
100-01-6	4-Nitroaniline	3700	U	3700	380
534-52-1	4,6-Dinitro-2-methylphenol	5600	U	5600	880
101-55-3	4-Bromophenyl phenyl ether	1800	U	1800	330
1912-24-9	Atrazine	1800	U	1800	340
120-12-7	Anthracene	1800	U	1800	330
86-74-8	Carbazole	1800	U	1800	290
85-01-8	Phenanthrene	1100	J	1800	320
87-86-5	Pentachlorophenol	5600	U	5600	900
129-00-0	Pyrene	1800	U	1800	320
218-01-9	Chrysene	1800	U	1800	270
207-08-9	Benzo[k]fluoranthene	180	U	180	26
191-24-2	Benzo[g,h,i]perylene	1800	U	1800	190
205-99-2	Benzo[b]fluoranthene	180	U	180	27
50-32-8	Benzo[a]pyrene	180	U	180	23
56-55-3	Benzo[a]anthracene	180	U	180	34
86-30-6	N-Nitrosodiphenylamine	1800	U	1800	300
85-68-7	Butyl benzyl phthalate	1800	U	1800	220
117-81-7	Bis(2-ethylhexyl) phthalate	670	J	1800	250
117-84-0	Di-n-octyl phthalate	1800	U	1800	220
193-39-5	Indeno[1,2,3-cd]pyrene	180	U	180	30
53-70-3	Dibenz(a,h)anthracene	180	U	180	22
91-94-1	3,3'-Dichlorobenzidine	3700	U	3700	410
95-94-3	1,2,4,5-Tetrachlorobenzene	1800	U	1800	250
58-90-2	2,3,4,6-Tetrachlorophenol	1800	U	1800	370

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-VD-E (4.5-6.5) Lab Sample ID: 460-24280-11

Matrix: Solid Lab File ID: p10212.d

Analysis Method: 8270C Date Collected: 03/17/2011 10:30

Extract. Method: 3541 Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.03(g) Date Analyzed: 04/02/2011 15:07

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 10.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	88		38-105
4165-62-2	Phenol-d5	91		41-118
1718-51-0	Terphenyl-d14	93		16-151
118-79-6	2,4,6-Tribromophenol	108		10-120
367-12-4	2-Fluorophenol	90		37-125
321-60-8	2-Fluorobiphenyl	99		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-VD-E (4.5-6.5) | Lab Sample ID: 460-24280-11

Matrix: Solid | Lab File ID: p10212.d

Analysis Method: 8270C | Date Collected: 03/17/2011 10:30

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.03(g) | Date Analyzed: 04/02/2011 15:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 1.393e+006

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Nitrochlorobenzene isomer	5.93	170000	J
	Unknown Alkane-1	6.21	30000	J
	Dichloro-1,1-biphenyl isomer-2	8.39	49000	J
	Trichloro-1,1-biphenyl isomer-1	8.76	80000	J
	Trichloro-1,1-biphenyl isomer-2	8.92	35000	J
	Trichloro-1,1-biphenyl isomer-4	9.17	80000	J
	Trichloro-1,1-biphenyl isomer-5	9.24	41000	J
	Trichloro-1,1-biphenyl isomer-6	9.30	21000	J
	Tetrachloro-1,1-biphenyl isomer-1	9.43	95000	J
	Tetrachloro-1,1-biphenyl isomer-2	9.46	74000	J
	Unknown-2	9.49	62000	J
	Tetrachloro-1,1-biphenyl isomer-3	9.59	94000	J
	Unknown-3	9.62	47000	J
	Trichloro-1,1-biphenyl isomer-7	9.65	58000	J
	Tetrachloro-1,1-biphenyl isomer-4	9.70	74000	J
	Tetrachloro-1,1-biphenyl isomer-5	9.88	54000	J
	Tetrachloro-1,1-biphenyl isomer-6	9.92	120000	J
	Tetrachloro-1,1-biphenyl isomer-7	9.95	94000	J
	Tetrachloro-1,1-biphenyl isomer-8	10.07	83000	J
	Pentachloro-1,1''-biphenyl isomer	10.11	32000	J

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10212.d
Report Date: 05-Apr-2011 11:38

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10212.d
Lab Smp Id: 460-24280-F-11-C Client Smp ID: PMP-24-VD-E (4.5-6.
Inj Date : 02-APR-2011 15:07
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24280-F-11-C
Misc Info : 460-24280-F-11-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/8270C_08SP.m
Meth Date : 02-Apr-2011 06:27 asfawa Quant Type: ISTD
Cal Date : 31-MAR-2011 01:00 Cal File: p10127.d
Als bottle: 24
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	10.59850	% 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	2.748	2.748	(0.664)	91493	17.9038	6700
$ 17 Phenol-d5 (SUR)	99	3.771	3.776	(0.911)	110129	18.1131	6700
113 n-decane	43	4.000	4.000	(0.966)	87857	16.7178	6200
* 79 1,4-Dichlorobenzene-d4	152	4.141	4.146	(1.000)	155915	40.0000	
22 1,4-Dichlorobenzene	146	4.164	4.164	(1.006)	2908	0.45894	170(a)
23 1,2-Dichlorobenzene	146	4.329	4.329	(1.045)	35062	5.97911	2200
$ 76 Nitrobenzene-d5 (SUR)	82	4.758	4.758	(0.862)	48774	8.84061	3300
30 1,2,4-Trichlorobenzene	180	5.469	5.474	(0.990)	203654	44.3186	16000
* 80 Naphthalene-d8	136	5.522	5.521	(1.000)	551848	40.0000	
31 Naphthalene	128	5.539	5.545	(1.003)	532268	35.8837	13000
34 2-Methylnaphthalene	142	6.268	6.268	(1.135)	690031	73.4560	27000
120 1-Methylnaphthalene	142	6.368	6.367	(1.153)	314462	34.1170	13000
$ 77 2-Fluorobiphenyl (SUR)	172	6.656	6.655	(0.909)	99336	9.93010	3700

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10212.d
Report Date: 05-Apr-2011 11:38

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	102 Diphenyl	154	6.750	6.755	(0.922)	113861	10.0555	3700
	103 Diphenyl Ether	170	6.861	6.861	(0.937)	17327	2.88940	1100(a)
	125 1,3-Dimethylnaphthalene	156	6.985	6.990	(0.954)	170185	24.4945	9100
*	82 Acenaphthene-d10	164	7.320	7.319	(1.000)	306837	40.0000	
	42 Acenaphthene	154	7.349	7.354	(1.004)	23108	2.82579	1000(a)
	122 2,6-Di-tert-butyl-p-cresol	205	7.367	7.372	(1.006)	11891	1.66233	620(a)
	43 Dibenzofuran	168	7.525	7.525	(1.028)	24213	2.01150	750(a)
	47 Fluorene	166	7.866	7.866	(1.075)	20756	2.17359	810(a)
$	18 2,4,6-Tribromophenol (SUR)	330	8.107	8.107	(1.108)	23051	21.5078	8000
*	83 Phenanthrene-d10	188	8.794	8.788	(1.000)	508931	40.0000	(H)
	115 n-Octadecane	57	8.730	8.729	(0.993)	318151	49.3956	18000
	52 Phenanthrene	178	8.824	8.812	(1.003)	44395	3.02548	1100(a)
$	78 Terphenyl-d14	244	10.363	10.369	(0.906)	98265	9.28476	3400
*	81 Chrysene-d12	240	11.444	11.450	(1.000)	481307	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.509	11.514	(1.006)	19580	1.81122	670(a)
*	84 Perylene-d12	264	13.230	13.236	(1.000)	498710	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: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10212.d
Report Date: 05-Apr-2011 11:38

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10212.d
Lab Smp Id: 460-24280-F-11-C Client Smp ID: PMP-24-VD-E (4.5-6.
Inj Date : 02-APR-2011 15:07
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24280-F-11-C
Misc Info : 460-24280-F-11-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/8270C_08SP.m
Meth Date : 02-Apr-2011 06:27 asfawa Quant Type: ISTD
Cal Date : 31-MAR-2011 01:00 Cal File: p10127.d
Als bottle: 24
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	10.59850	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 80 Naphthalene-d8	5.522	1645254	40.000
* 82 Acenaphthene-d10	7.320	5263026	40.000
* 81 Chrysene-d12	11.444	1395470	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Nitrochlorobenzene isomer					CAS #:		
5.927	18241466	443.492974	160000	0		0	80

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10212.d
Report Date: 05-Apr-2011 11:38

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-1				CAS #:			
6.209	3365913	81.8332698	30000	0		0	80
Unknown Alkane-2				CAS #:			
6.791	5692988	43.2677923	16000	0		0	82
Unknown Alkane-3				CAS #:			
7.114	3060027	23.2567897	8600	0		0	82
Unknown Alkane-4				CAS #:			
7.819	3969185	30.1665636	11000	0		0	82
Unknown-1				CAS #:			
8.301	3344275	25.4171291	9400	0		0	82
Dichloro-1,1-biphenyl isomer-1				CAS #:			
8.324	4919690	37.3905816	14000	0		0	82
Dichloro-1,1-biphenyl isomer-2				CAS #:			
8.395	17315537	131.601372	49000	0		0	82
Trichloro-1,1-biphenyl isomer-1				CAS #:			
8.759	28332594	215.333098	80000	0		0	82
Dichloro-1,1-biphenyl isomer-3				CAS #:			
8.812	7169508	54.4896233	20000	0		0	82
Trichloro-1,1-biphenyl isomer-2				CAS #:			
8.918	12492381	94.9444678	35000	0		0	82
Trichloro-1,1-biphenyl isomer-3				CAS #:			
9.076	5640792	42.8710930	16000	0		0	82
Trichloro-1,1-biphenyl isomer-4				CAS #:			
9.170	28119420	213.712936	80000	0		0	82
Trichloro-1,1-biphenyl isomer-5				CAS #:			
9.241	14474420	110.008343	41000	0		0	82
Trichloro-1,1-biphenyl isomer-6				CAS #:			
9.300	7468086	56.7588699	21000	0		0	82
Tetrachloro-1,1-biphenyl isomer-1				CAS #:			
9.435	8928771	255.935789	95000	0		0	81

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10212.d
Report Date: 05-Apr-2011 11:38

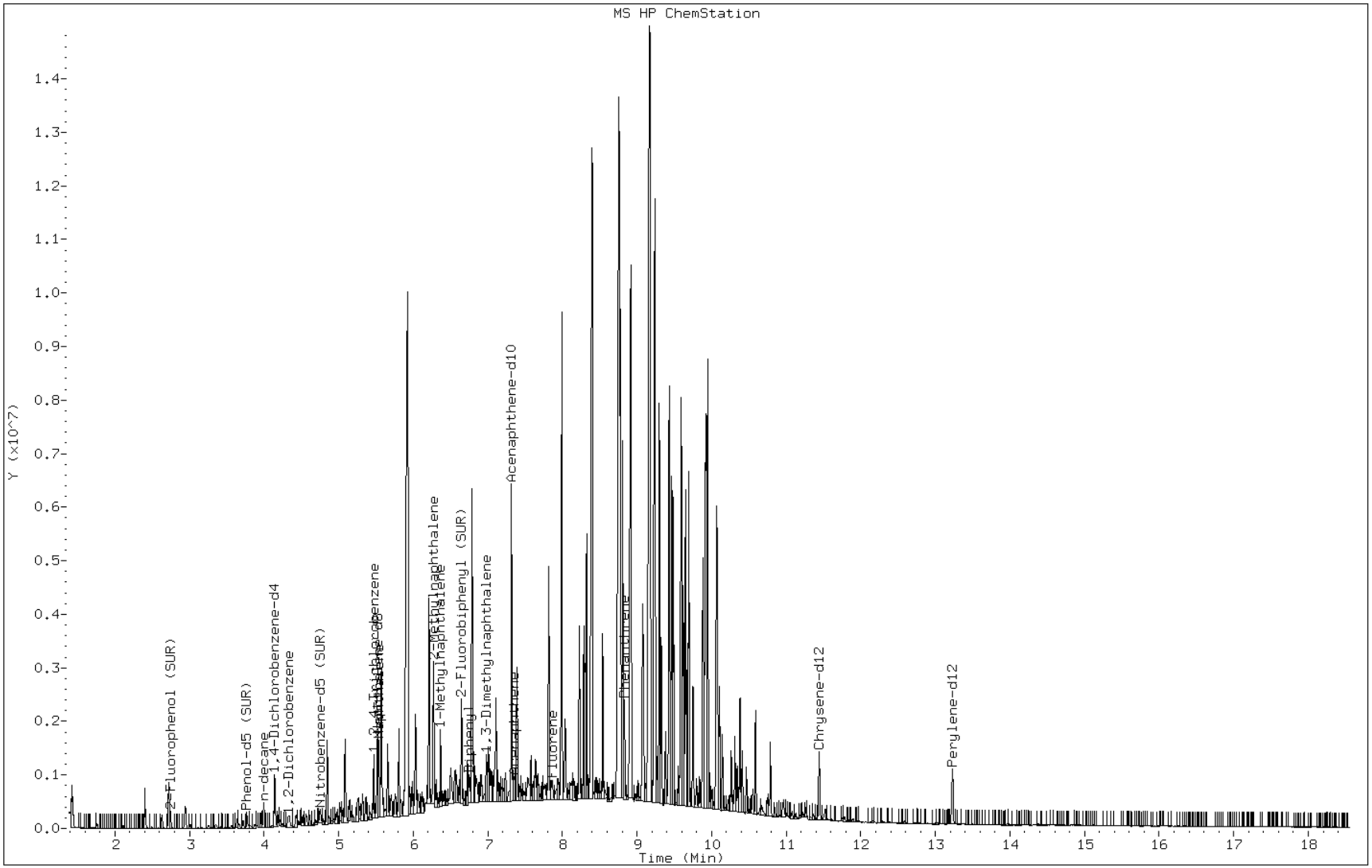
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Tetrachloro-1,1-biphenyl isomer-2				CAS #:			
9.464	6893071	197.584139	74000	0		0	81
Unknown-2				CAS #:			
9.488	5855348	167.838680	62000	0		0	81
Tetrachloro-1,1-biphenyl isomer-3				CAS #:			
9.593	8853918	253.790192	94000	0		0	81
Unknown-3				CAS #:			
9.617	4383900	125.660838	47000	0		0	81
Trichloro-1,1-biphenyl isomer-7				CAS #:			
9.652	5428871	155.614059	58000	0		0	81
Tetrachloro-1,1-biphenyl isomer-4				CAS #:			
9.699	6923639	198.460358	74000	0		0	81
Tetrachloro-1,1-biphenyl isomer-5				CAS #:			
9.881	5102566	146.260813	54000	0		0	81
Tetrachloro-1,1-biphenyl isomer-6				CAS #:			
9.922	10954312	313.996234	120000	0		0	81
Tetrachloro-1,1-biphenyl isomer-7				CAS #:			
9.946	8769795	251.378871	94000	0		0	81
Tetrachloro-1,1-biphenyl isomer-8				CAS #:			
10.069	7781769	223.057923	83000	0		0	81
Pentachloro-1,1'-biphenyl isomer				CAS #:			
10.110	3034037	86.9681463	32000	0		0	81

Data File: p10212.d

Date: 02-APR-2011 15:07

Client ID: PMP-24-VD-E (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-24280-F-11-C Operator: BNAMS 4



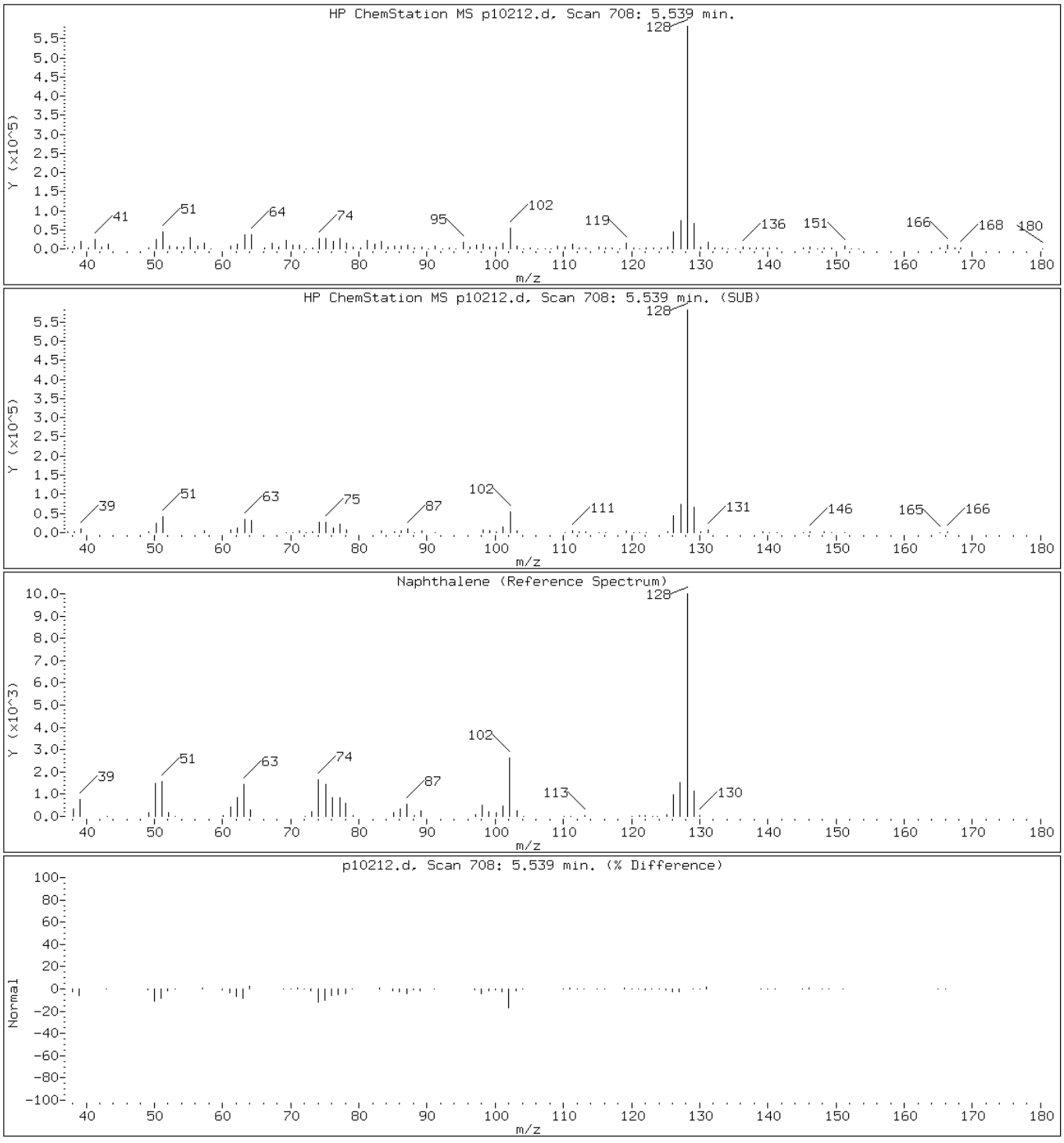
Data File: p10212.d

Date: 02-APR-2011 15:07

Client ID: PMP-24-VD-E (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-24280-F-11-C Operator: BNAMS 4

31 Naphthalene



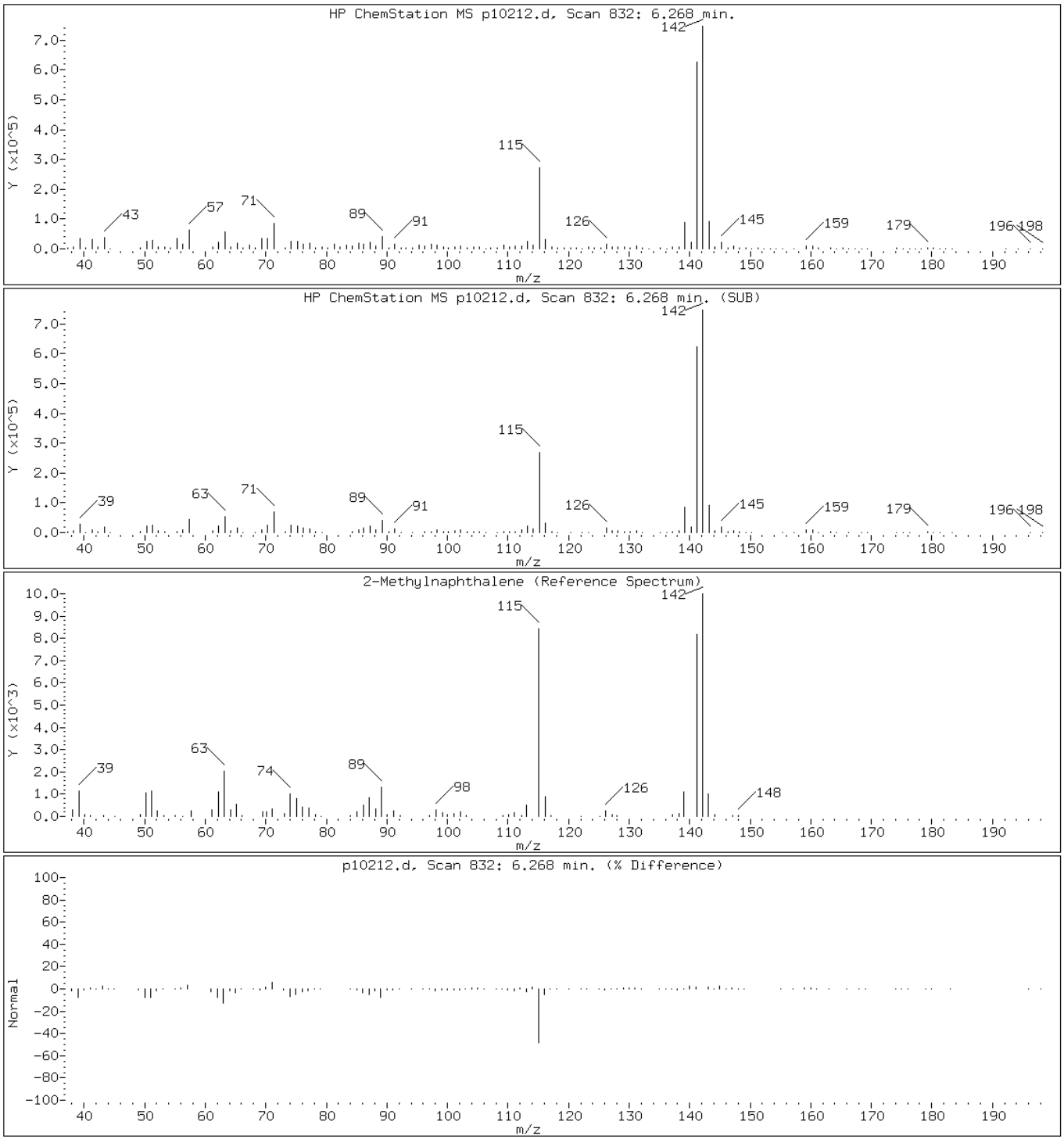
Data File: p10212.d

Date: 02-APR-2011 15:07

Client ID: PMP-24-VD-E (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-24280-F-11-C Operator: BNAMS 4

34 2-Methylnaphthalene



Data File: p10212.d

Date: 02-APR-2011 15:07

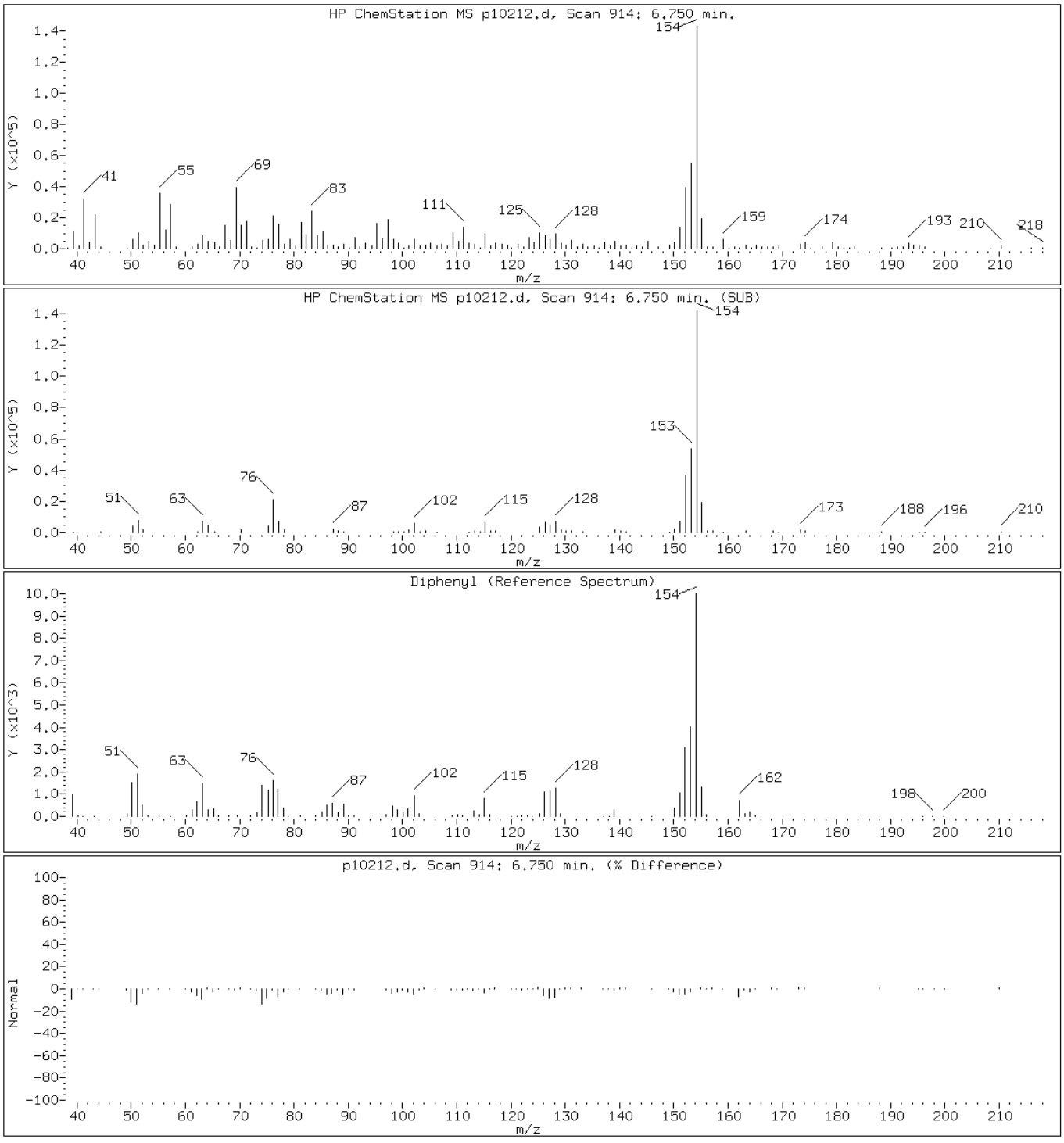
Client ID: PMP-24-VD-E (4.5-6.

Instrument: BNAMS10.i

Sample Info: 460-24280-F-11-C

Operator: BNAMS 4

102 Diphenyl



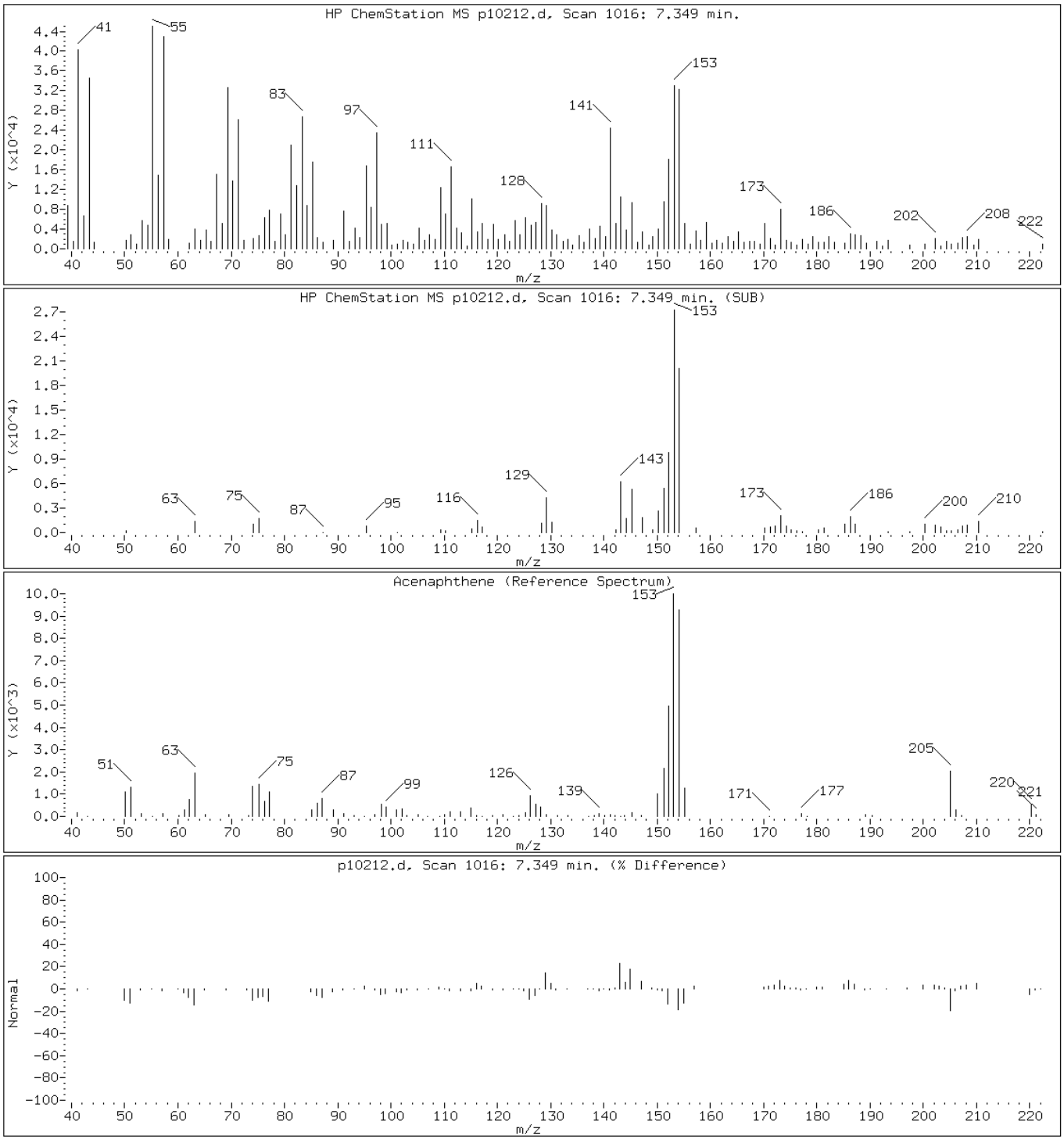
Data File: p10212.d

Date: 02-APR-2011 15:07

Client ID: PMP-24-VD-E (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-24280-F-11-C Operator: BNAMS 4

42 Acenaphthene



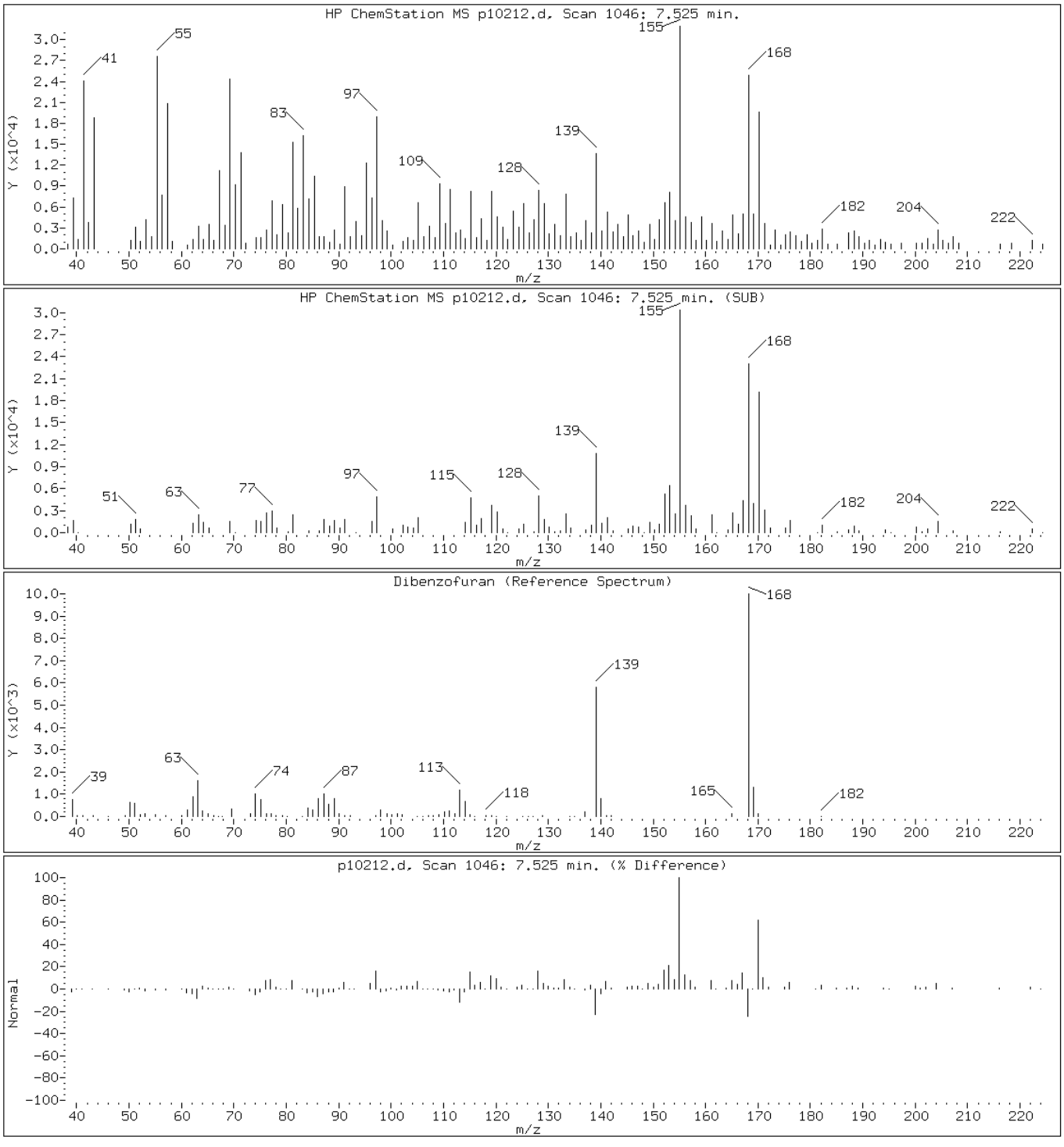
Data File: p10212.d

Date: 02-APR-2011 15:07

Client ID: PMP-24-VD-E (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-24280-F-11-C Operator: BNAMS 4

43 Dibenzofuran



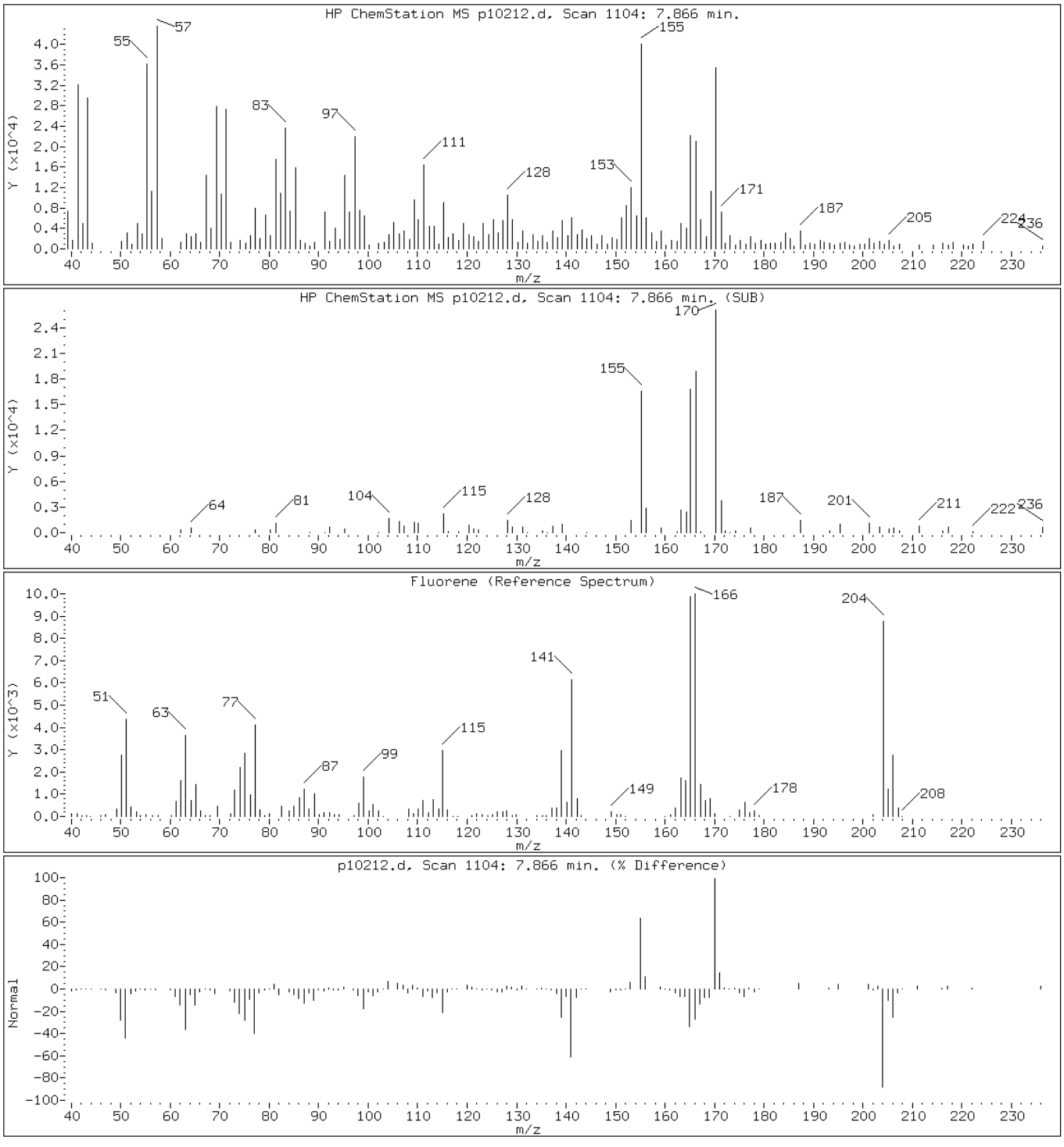
Data File: p10212.d

Date: 02-APR-2011 15:07

Client ID: PMP-24-VD-E (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-24280-F-11-C Operator: BNAMS 4

47 Fluorene



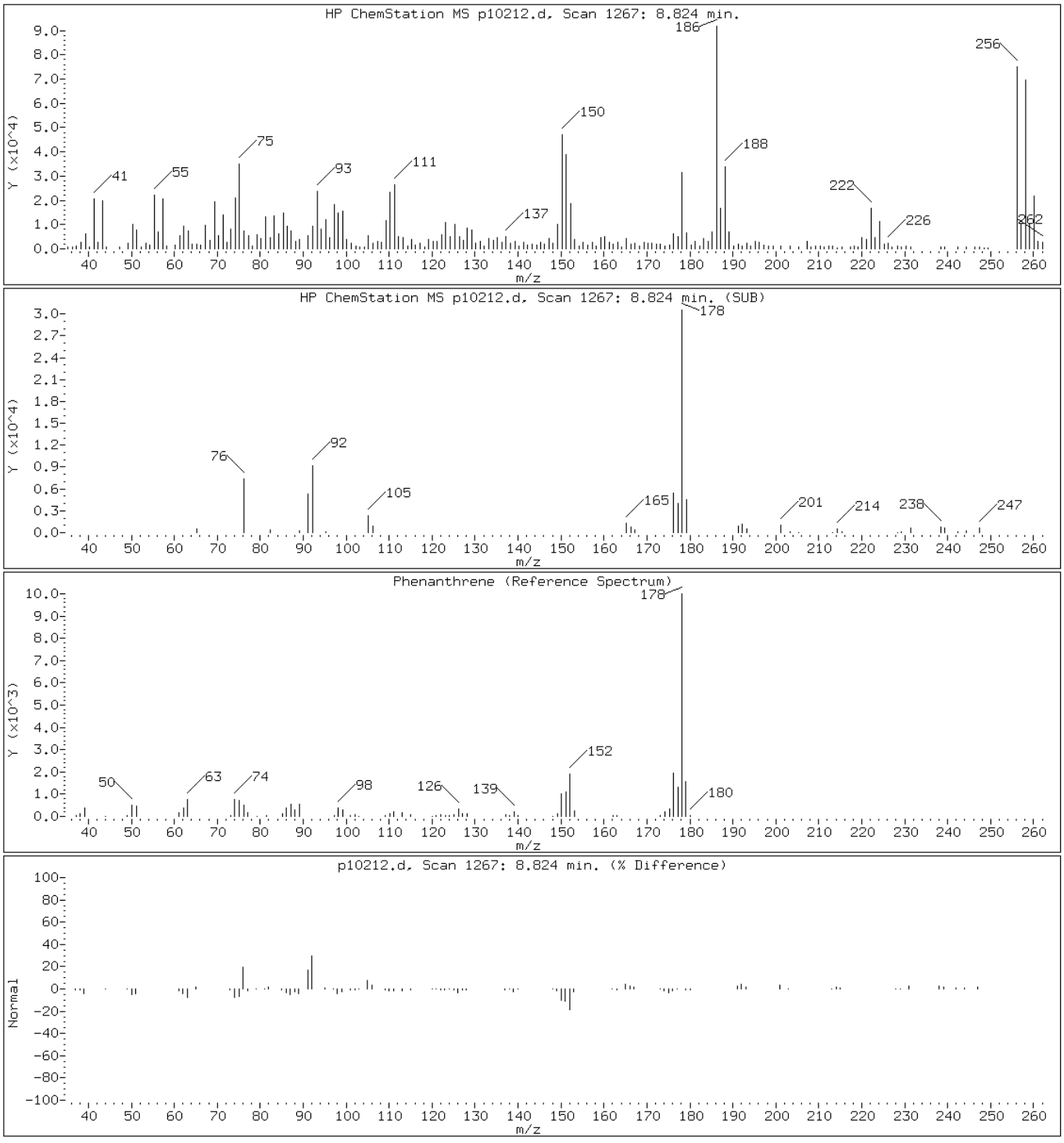
Data File: p10212.d

Date: 02-APR-2011 15:07

Client ID: PMP-24-VD-E (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-24280-F-11-C Operator: BNAMS 4

52 Phenanthrene



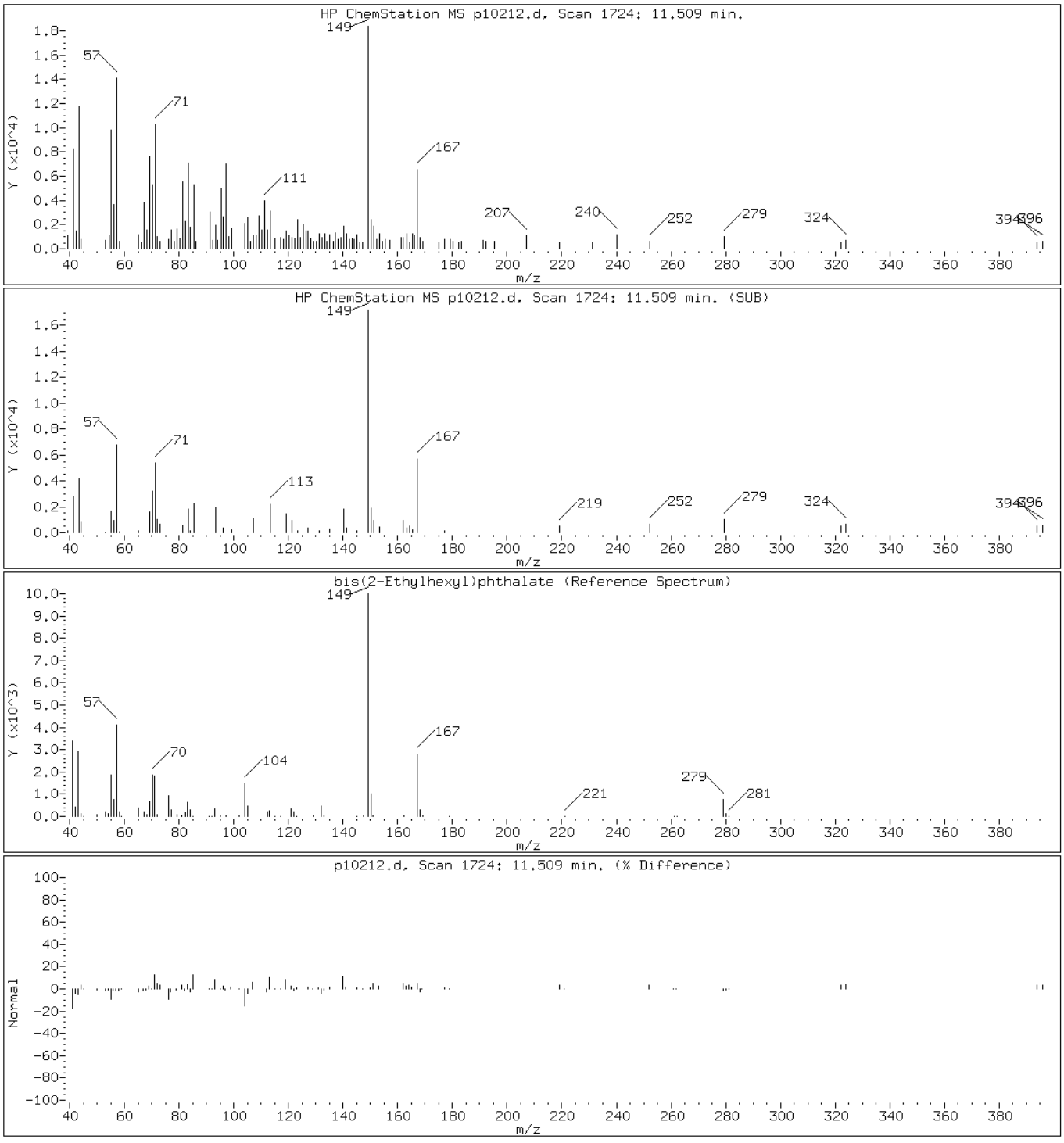
Data File: p10212.d

Date: 02-APR-2011 15:07

Client ID: PMP-24-VD-E (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-24280-F-11-C Operator: BNAMS 4

63 bis(2-Ethylhexyl)phthalate



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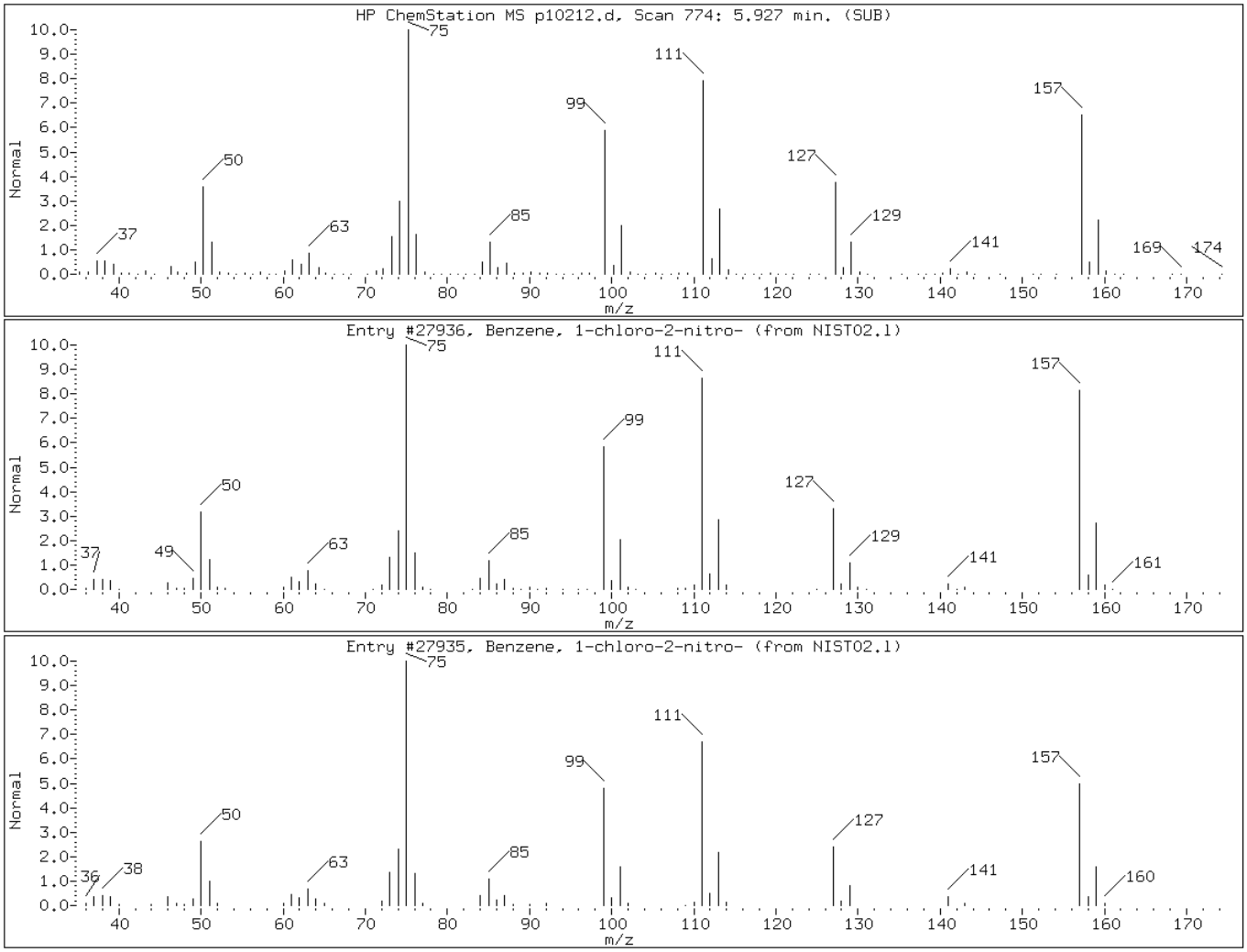
Date: 02-APR-2011 15:07

Client ID: PMP-24-VD-E (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-24280-F-11-C Operator: BNAMS 4

Retention Time: 5.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Nitrochlorobenzene isomer						
Benzene, 1-chloro-2-nitro-	88-73-3	NIST02.l	27936	98	C6H4ClNO2	157
Benzene, 1-chloro-2-nitro-	88-73-3	NIST02.l	27935	97	C6H4ClNO2	157



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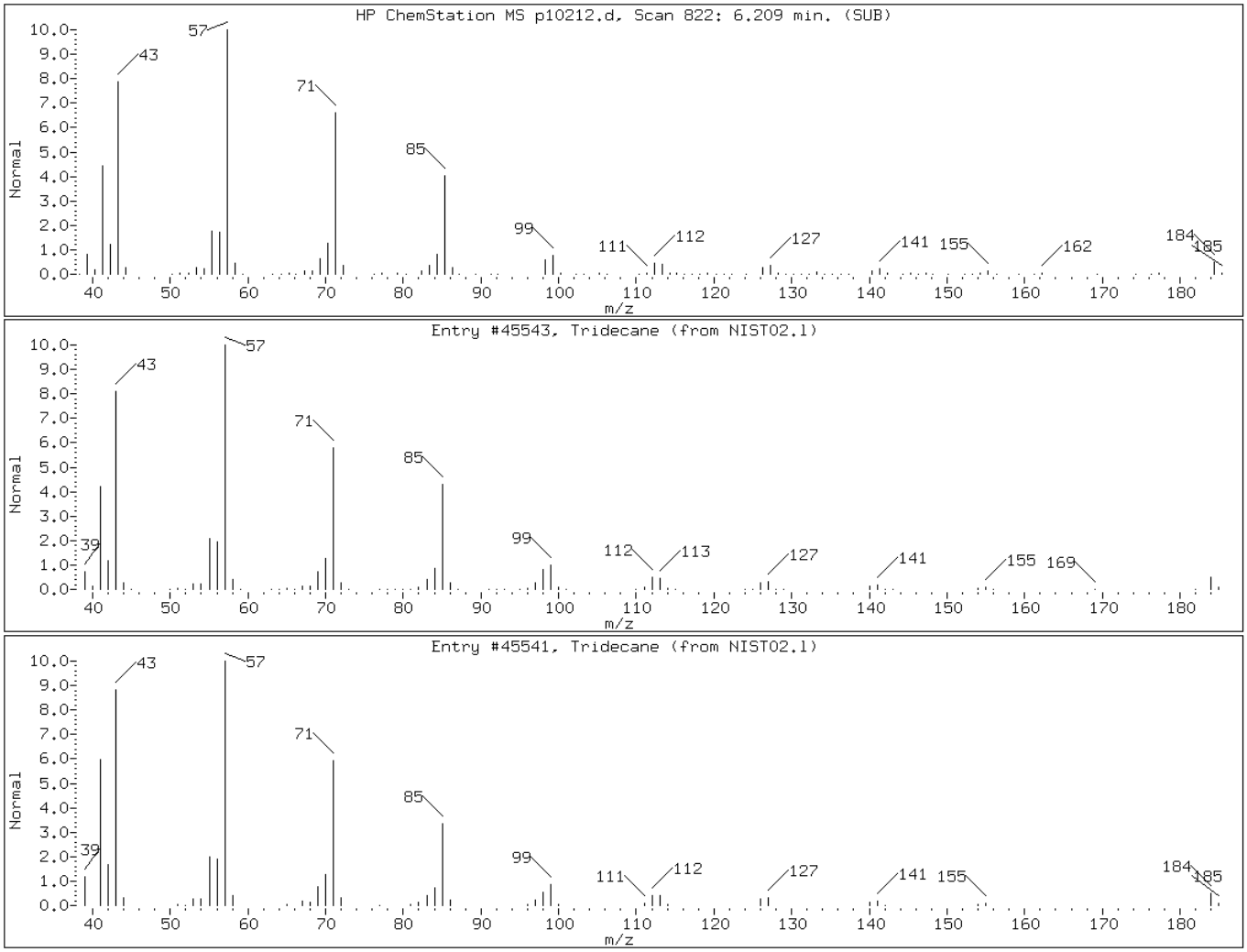
Date: 02-APR-2011 15:07

Client ID: PMP-24-VD-E (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-24280-F-11-C Operator: BNAMS 4

Retention Time: 6.21

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Tridecane	629-50-5	NIST02.l	45543	96	C13H28	184
Tridecane	629-50-5	NIST02.l	45541	94	C13H28	184



Data File: p10212.d

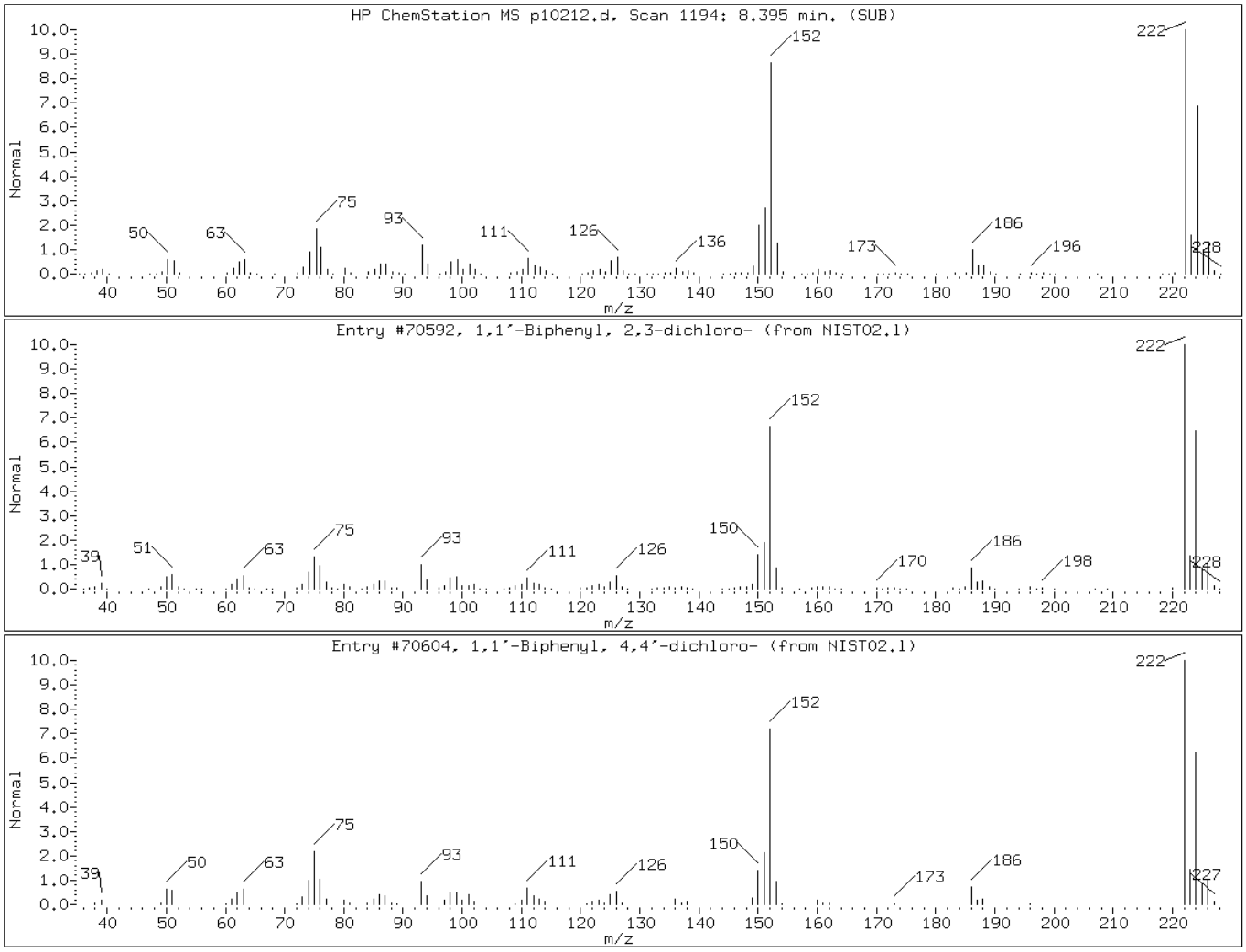
Date: 02-APR-2011 15:07

Client ID: PMP-24-VD-E (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-24280-F-11-C Operator: BNAMS 4

Retention Time: 8.39

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dichloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,3-dichloro-	16605-91-7	NIST02.l	70592	99	C12H8Cl2	222
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.l	70604	99	C12H8Cl2	222



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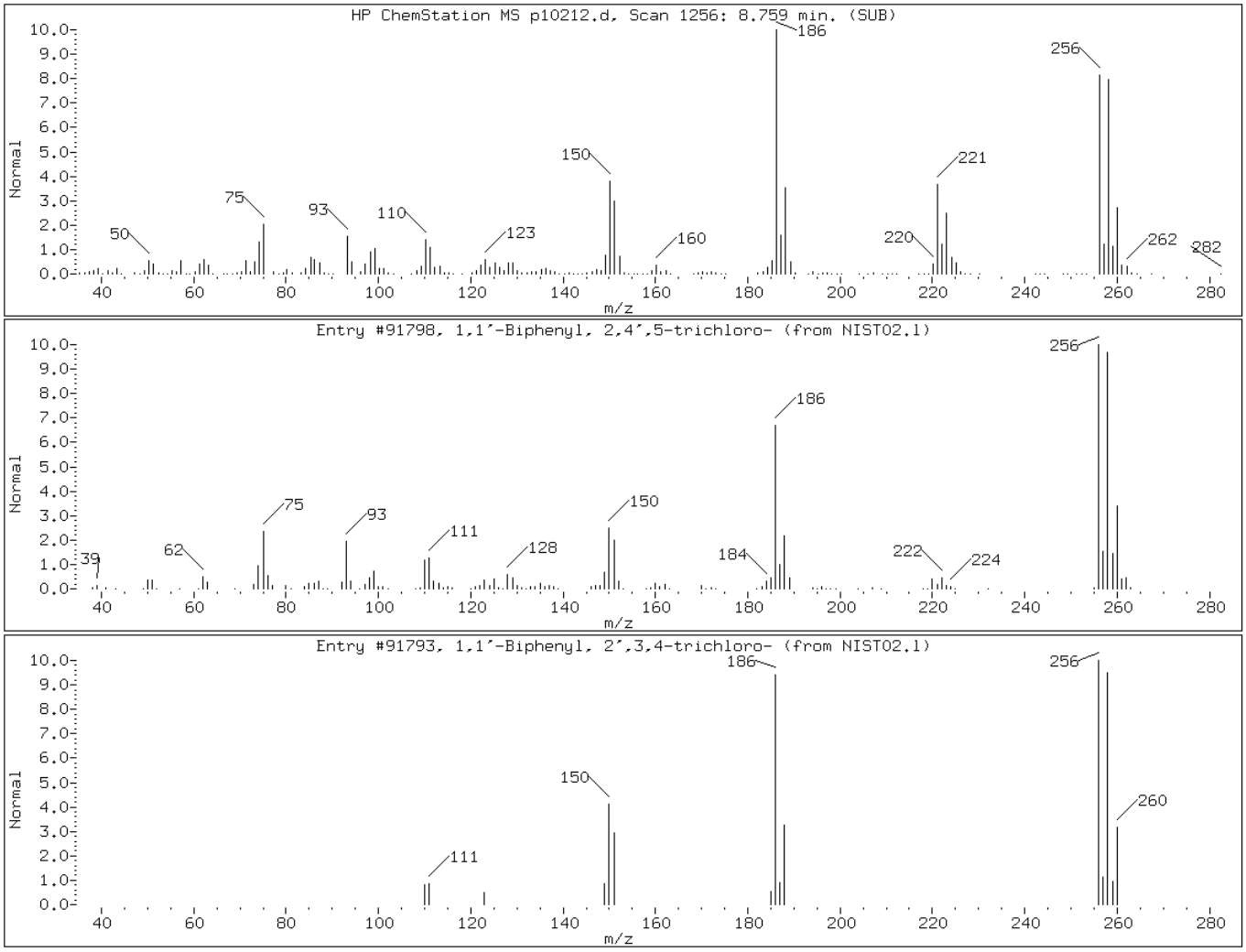
Date: 02-APR-2011 15:07

Client ID: PMP-24-VD-E (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-24280-F-11-C Operator: BNAMS 4

Retention Time: 8.76

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-1						
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: p10212.d

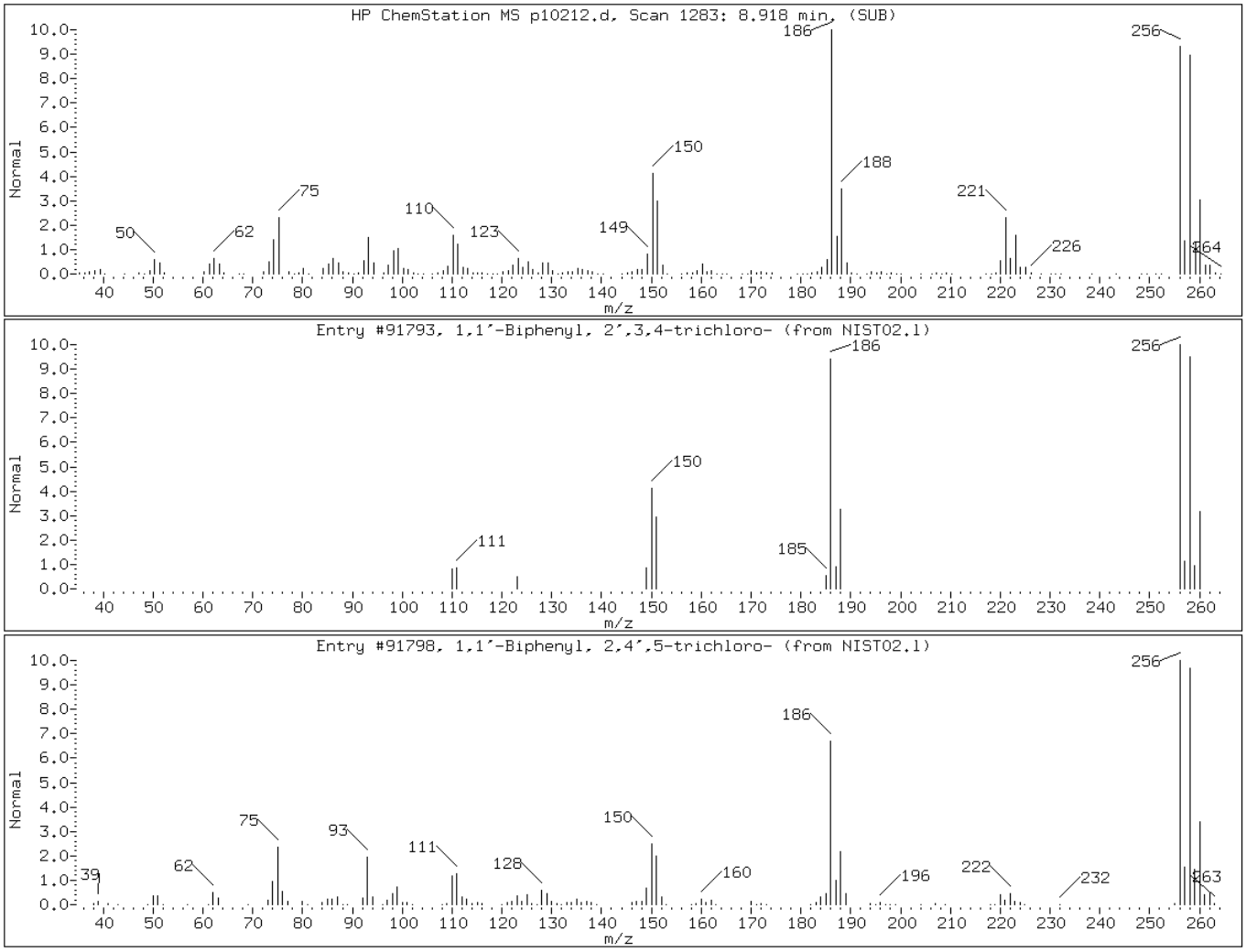
Date: 02-APR-2011 15:07

Client ID: PMP-24-VD-E (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-24280-F-11-C Operator: BNAMS 4

Retention Time: 8.92

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	99	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91798	98	C12H7Cl3	256



Data File: p10212.d

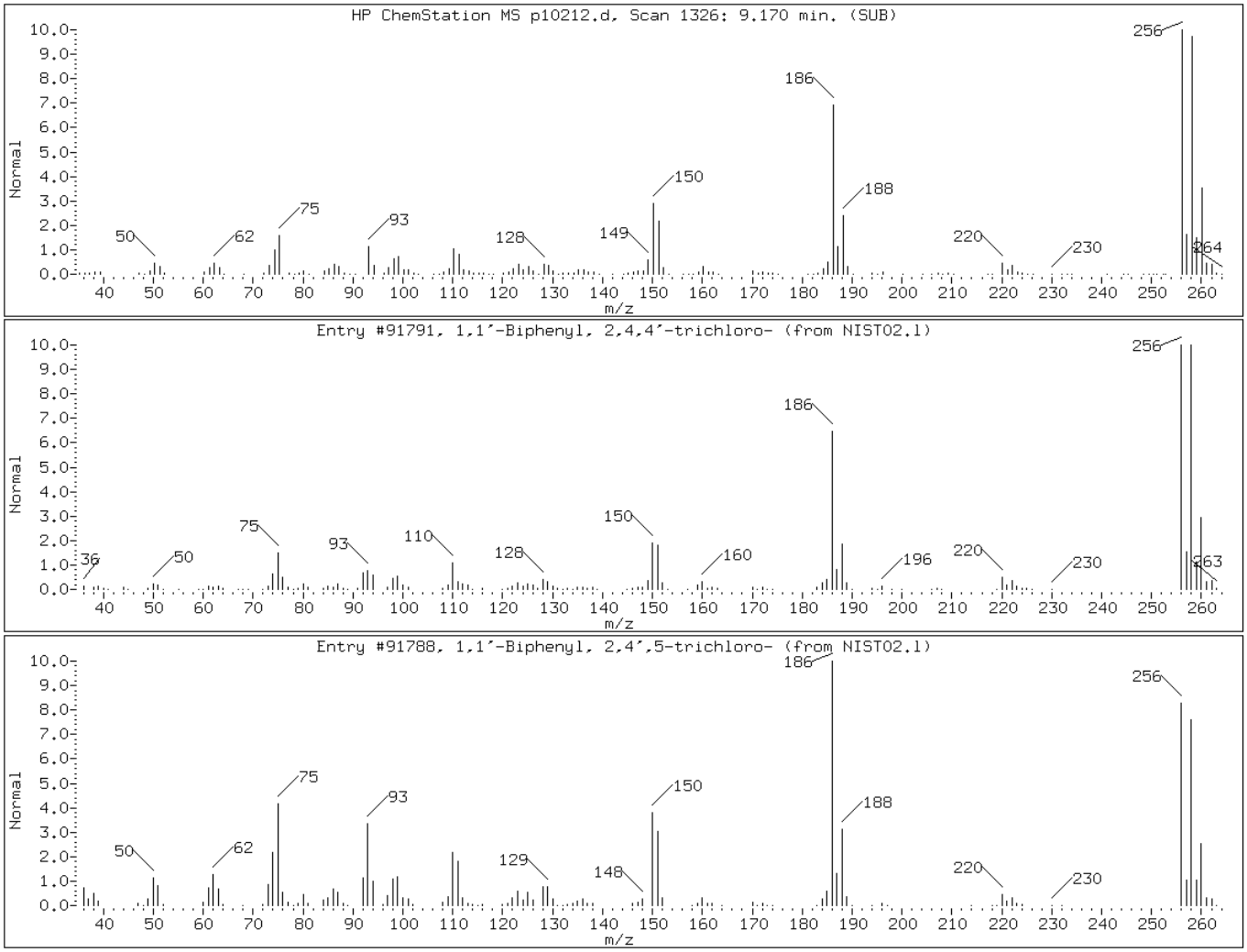
Date: 02-APR-2011 15:07

Client ID: PMP-24-VD-E (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-24280-F-11-C Operator: BNAMS 4

Retention Time: 9.17

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	98	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	97	C12H7Cl3	256



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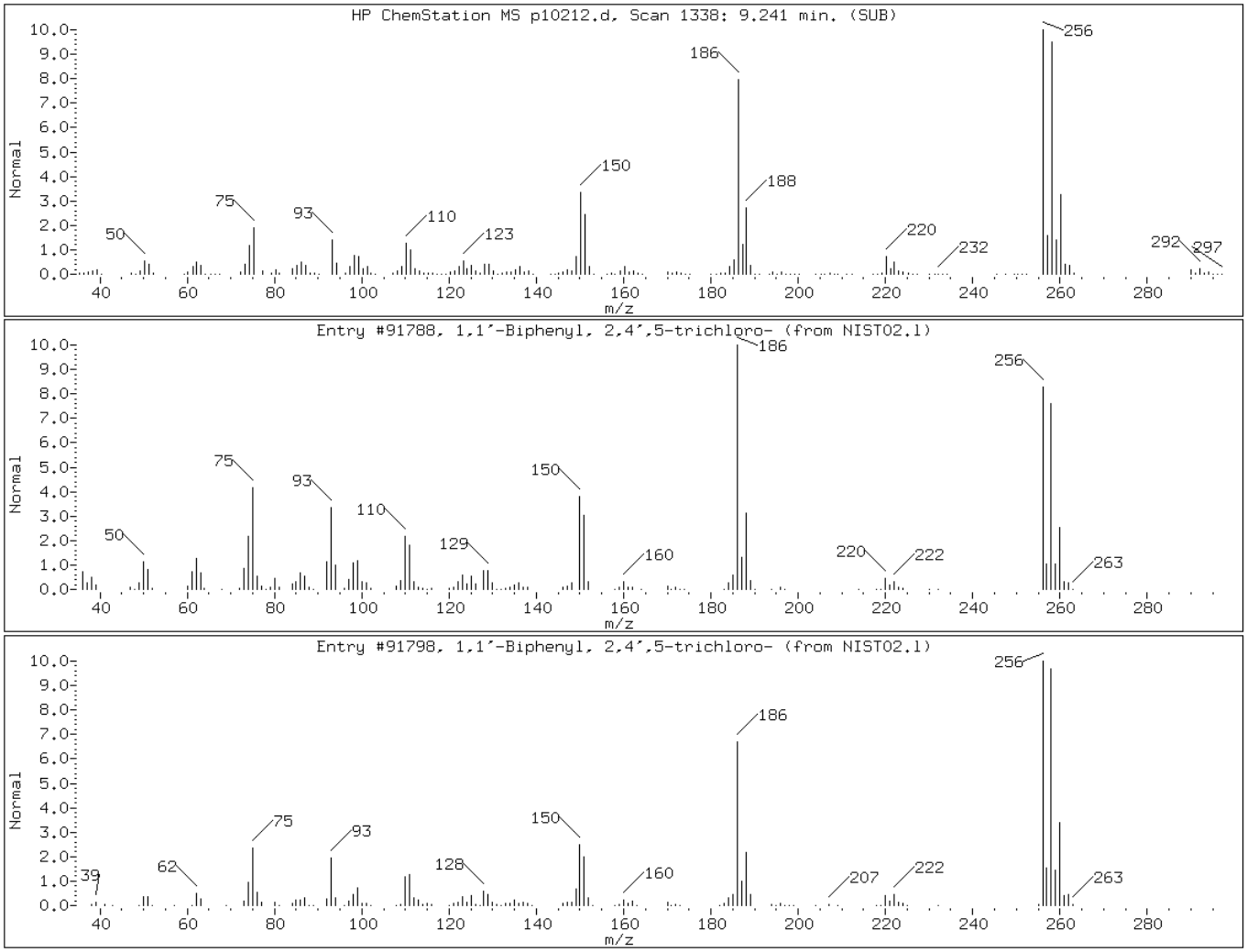
Date: 02-APR-2011 15:07

Client ID: PMP-24-VD-E (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-24280-F-11-C Operator: BNAMS 4

Retention Time: 9.24

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, 2,4',5-trichloro-	16606-02-3	NIST02.l	91798	98	C12H7Cl3	256



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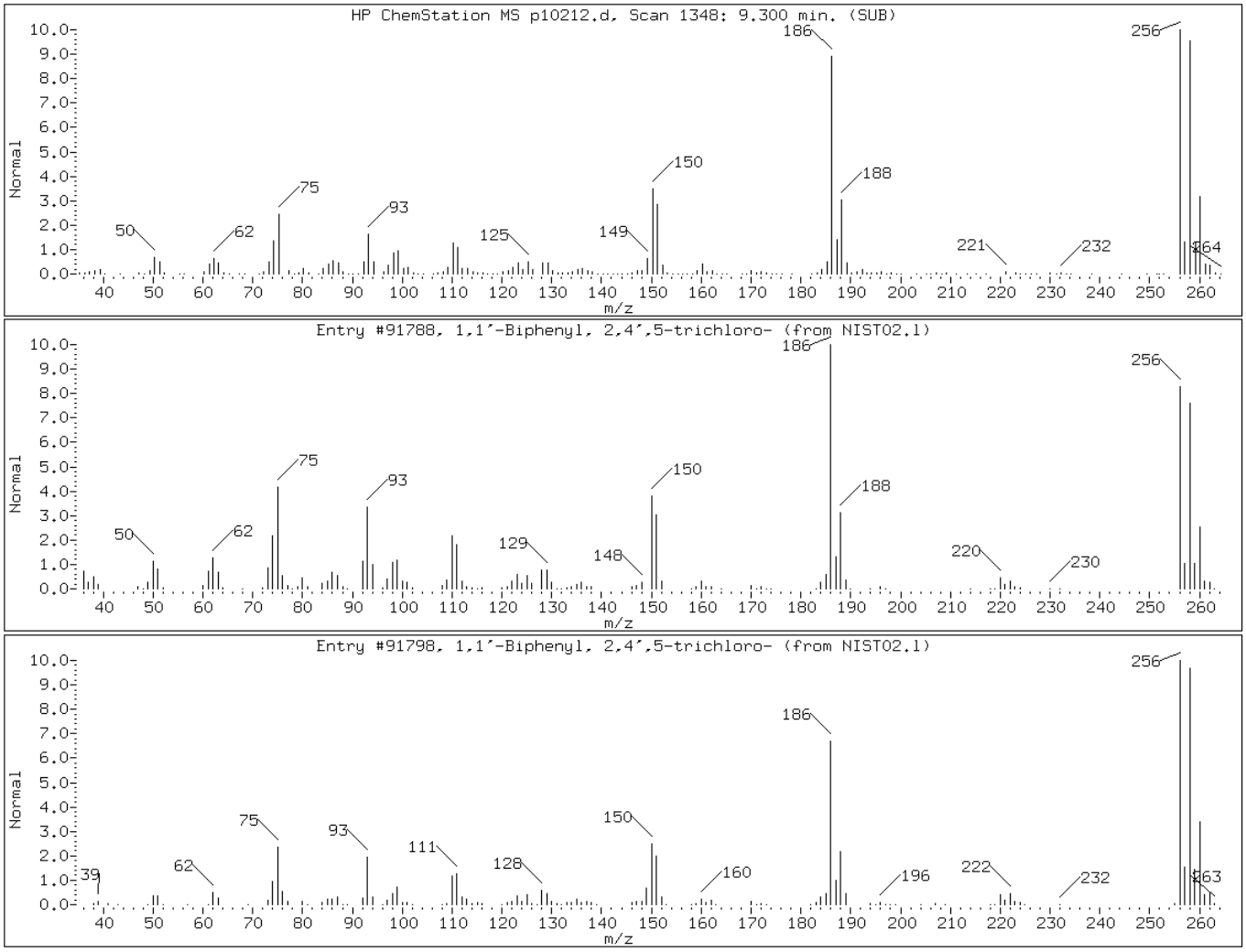
Date: 02-APR-2011 15:07

Client ID: PMP-24-VD-E (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-24280-F-11-C Operator: BNAMS 4

Retention Time: 9.30

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-6						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	99	C12H7Cl3	256
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91798	99	C12H7Cl3	256



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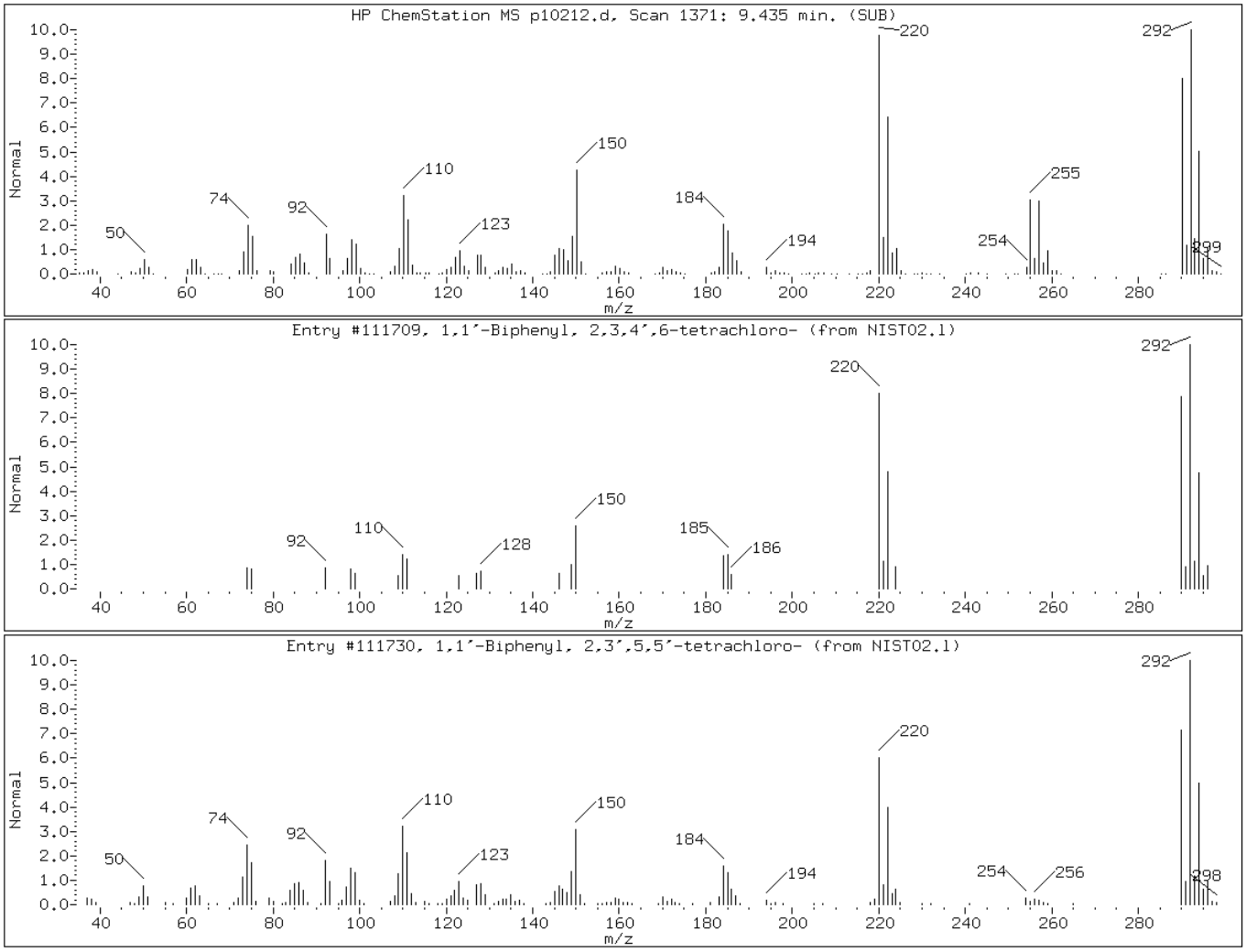
Date: 02-APR-2011 15:07

Client ID: PMP-24-VD-E (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-24280-F-11-C Operator: BNAMS 4

Retention Time: 9.43

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-1						
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	111730	99	C12H6Cl4	290



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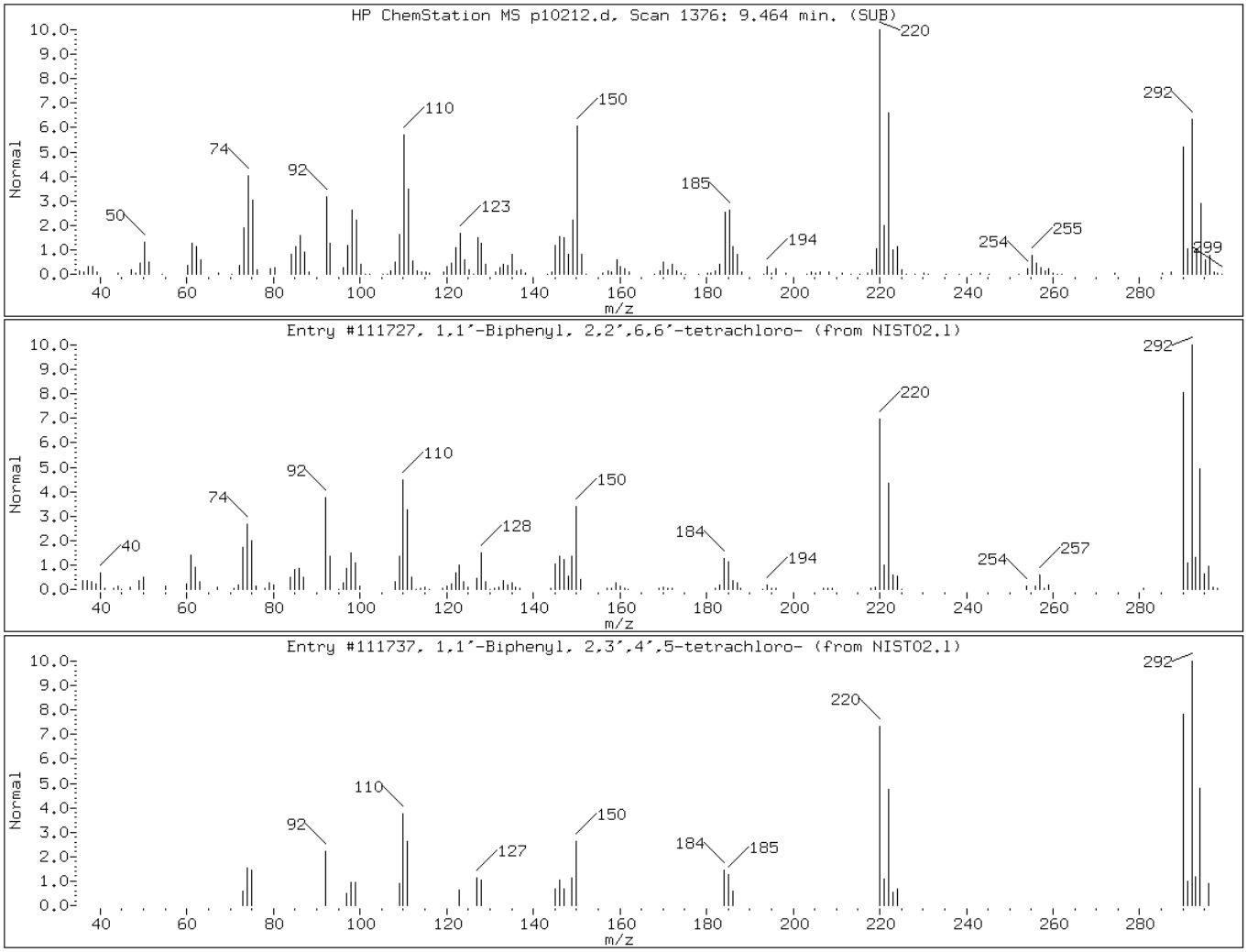
Date: 02-APR-2011 15:07

Client ID: PMP-24-VD-E (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-24280-F-11-C Operator: BNAMS 4

Retention Time: 9.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,2',6,6'-tetrachlo	15968-05-5	NIST02.l	111727	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111737	99	C12H6Cl4	290



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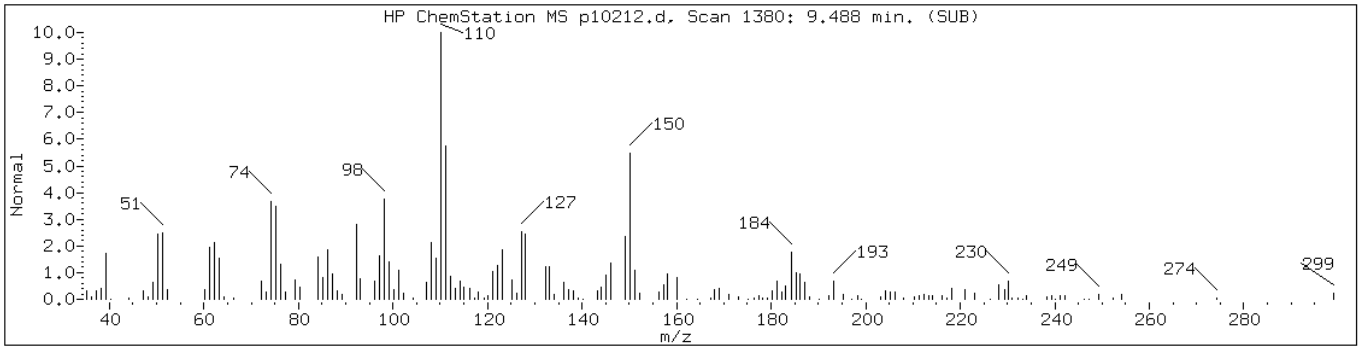
Date: 02-APR-2011 15:07

Client ID: PMP-24-VD-E (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-24280-F-11-C Operator: BNAMS 4

Retention Time: 9.49

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Unknown						



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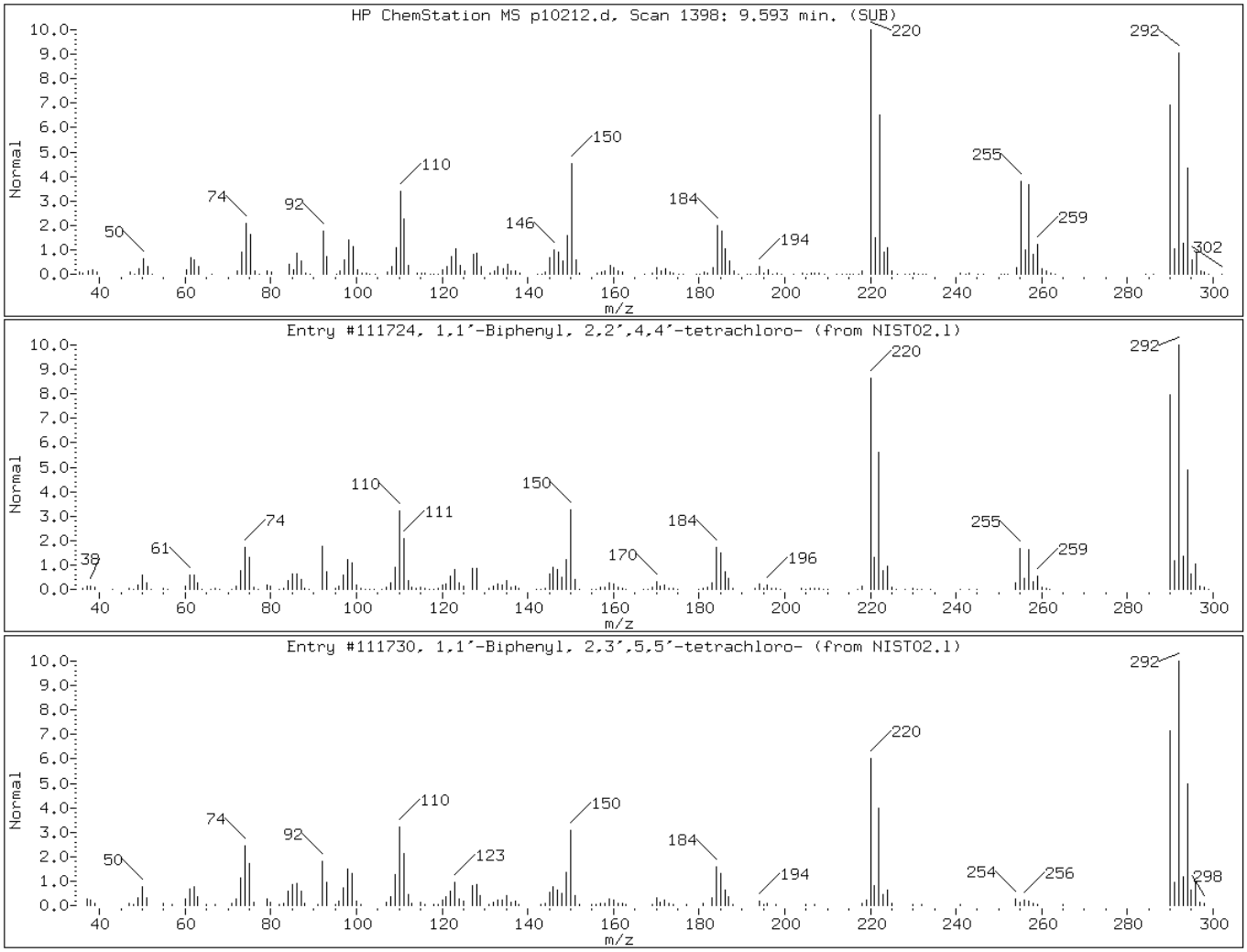
Date: 02-APR-2011 15:07

Client ID: PMP-24-VD-E (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-24280-F-11-C Operator: BNAMS 4

Retention Time: 9.59

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-3						
1,1'-Biphenyl, 2,2',4,4'-tetrachlo	2437-79-8	NIST02.l	111724	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111730	99	C12H6Cl4	290



Data File: p10212.d

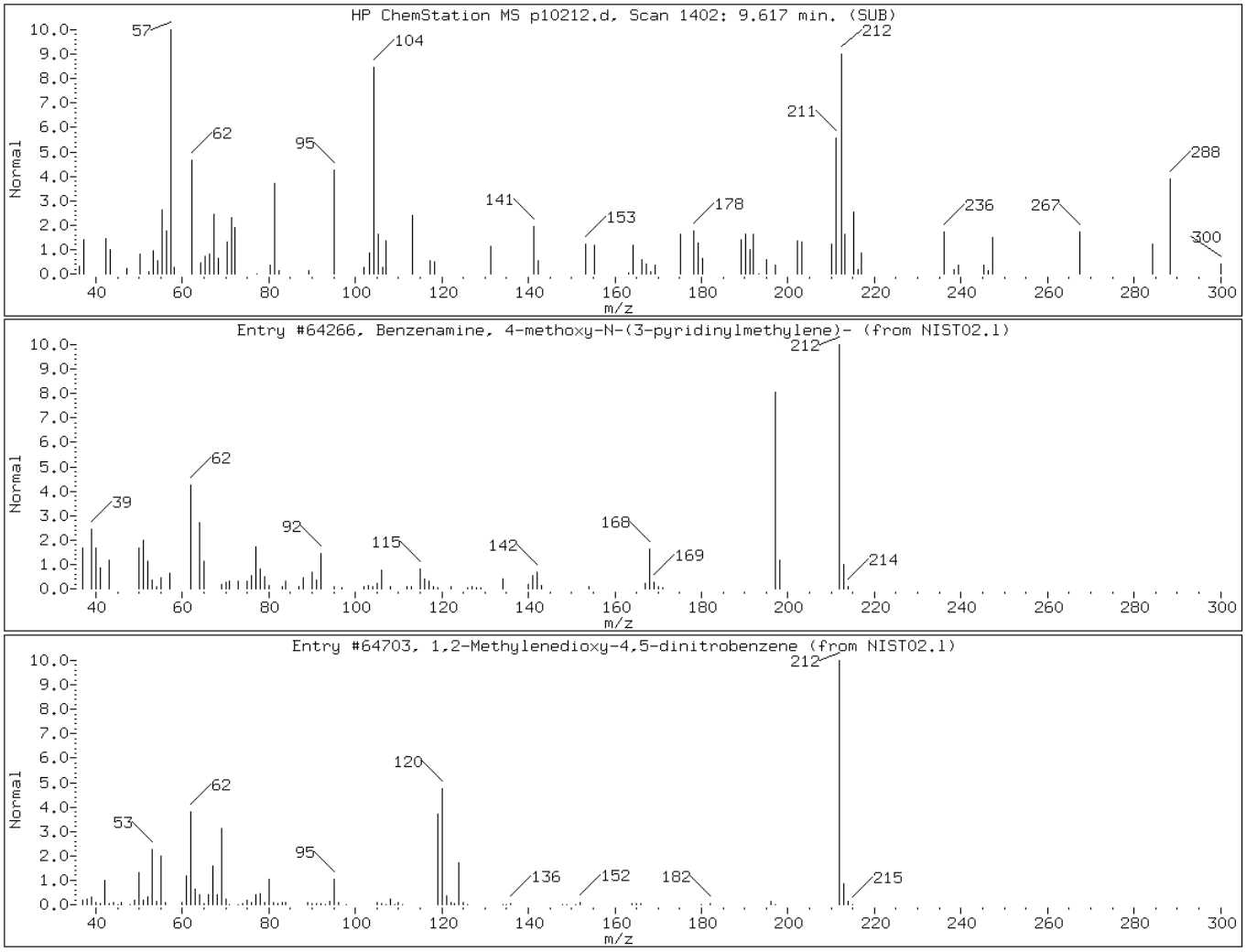
Date: 02-APR-2011 15:07

Client ID: PMP-24-VD-E (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-24280-F-11-C Operator: BNAMS 4

Retention Time: 9.62

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-3						
Benzenamine, 4-methoxy-N-(3-pyridi	41855-73-6	NIST02.l	64266	43	C13H12N2O	212
1,2-Methylenedioxy-4,5-dinitrobenz	7748-59-6	NIST02.l	64703	32	C7H4N2O6	212



Data File: p10212.d

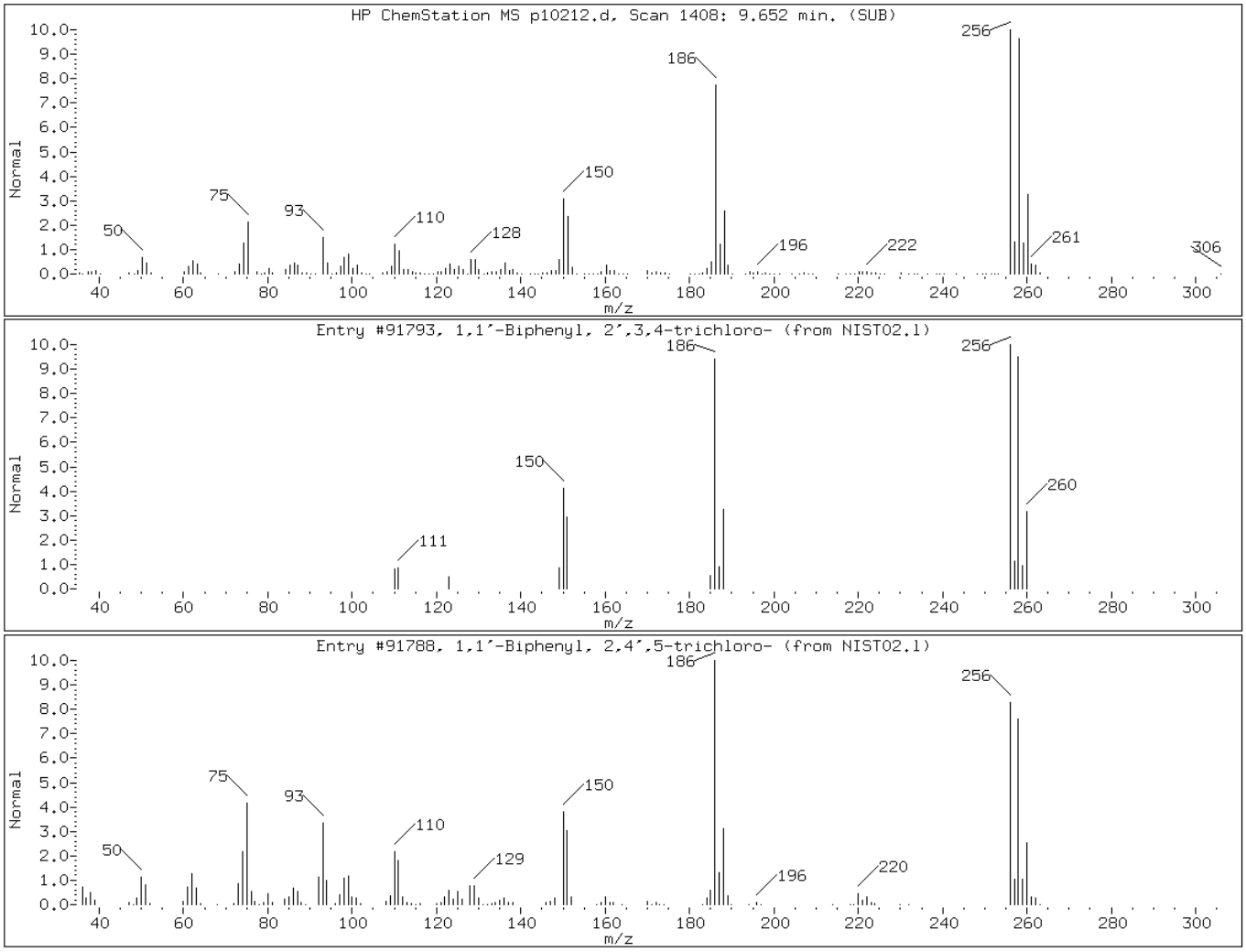
Date: 02-APR-2011 15:07

Client ID: PMP-24-VD-E (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-24280-F-11-C Operator: BNAMS 4

Retention Time: 9.65

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-7						
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	96	C12H7Cl3	256



Data File: p10212.d

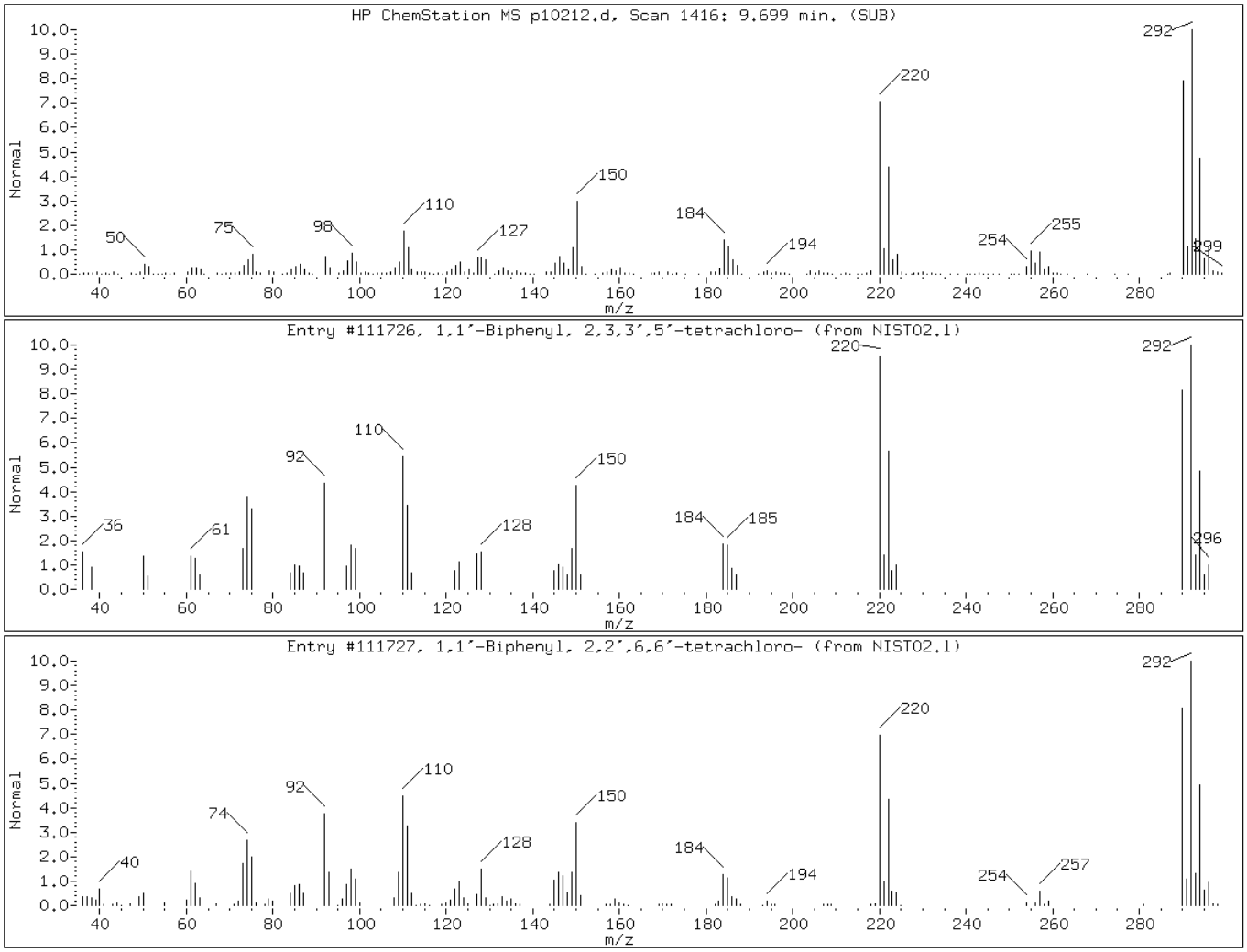
Date: 02-APR-2011 15:07

Client ID: PMP-24-VD-E (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-24280-F-11-C Operator: BNAMS 4

Retention Time: 9.70

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	98	C12H6Cl4	290
1,1'-Biphenyl, 2,2',6,6'-tetrachlo	15968-05-5	NIST02.l	111727	98	C12H6Cl4	290



Data File: p10212.d

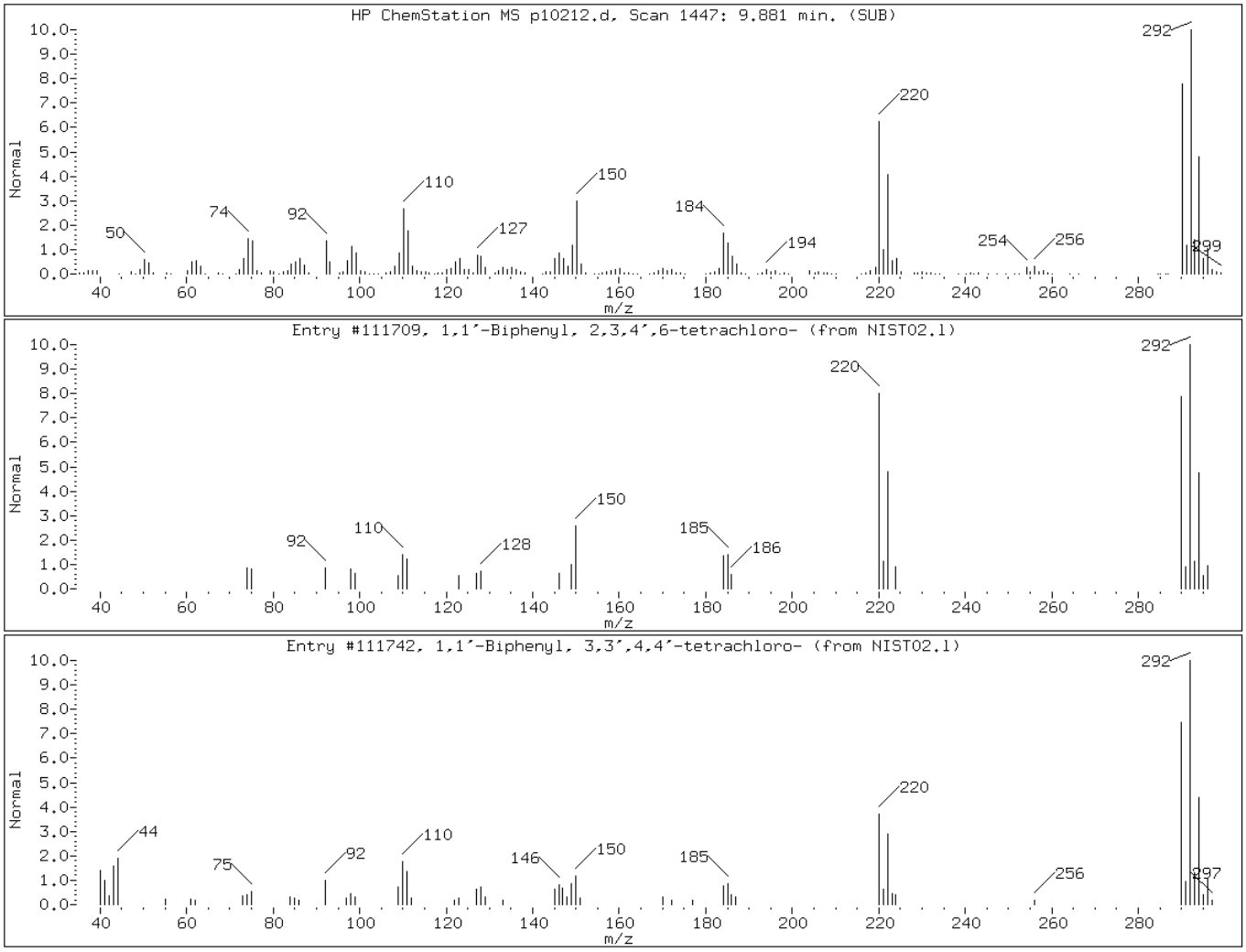
Date: 02-APR-2011 15:07

Client ID: PMP-24-VD-E (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-24280-F-11-C Operator: BNAMS 4

Retention Time: 9.88

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	99	C12H6Cl4	290
1,1'-Biphenyl, 3,3',4,4'-tetrachlo	32598-13-3	NIST02.l	111742	99	C12H6Cl4	290



Data File: p10212.d

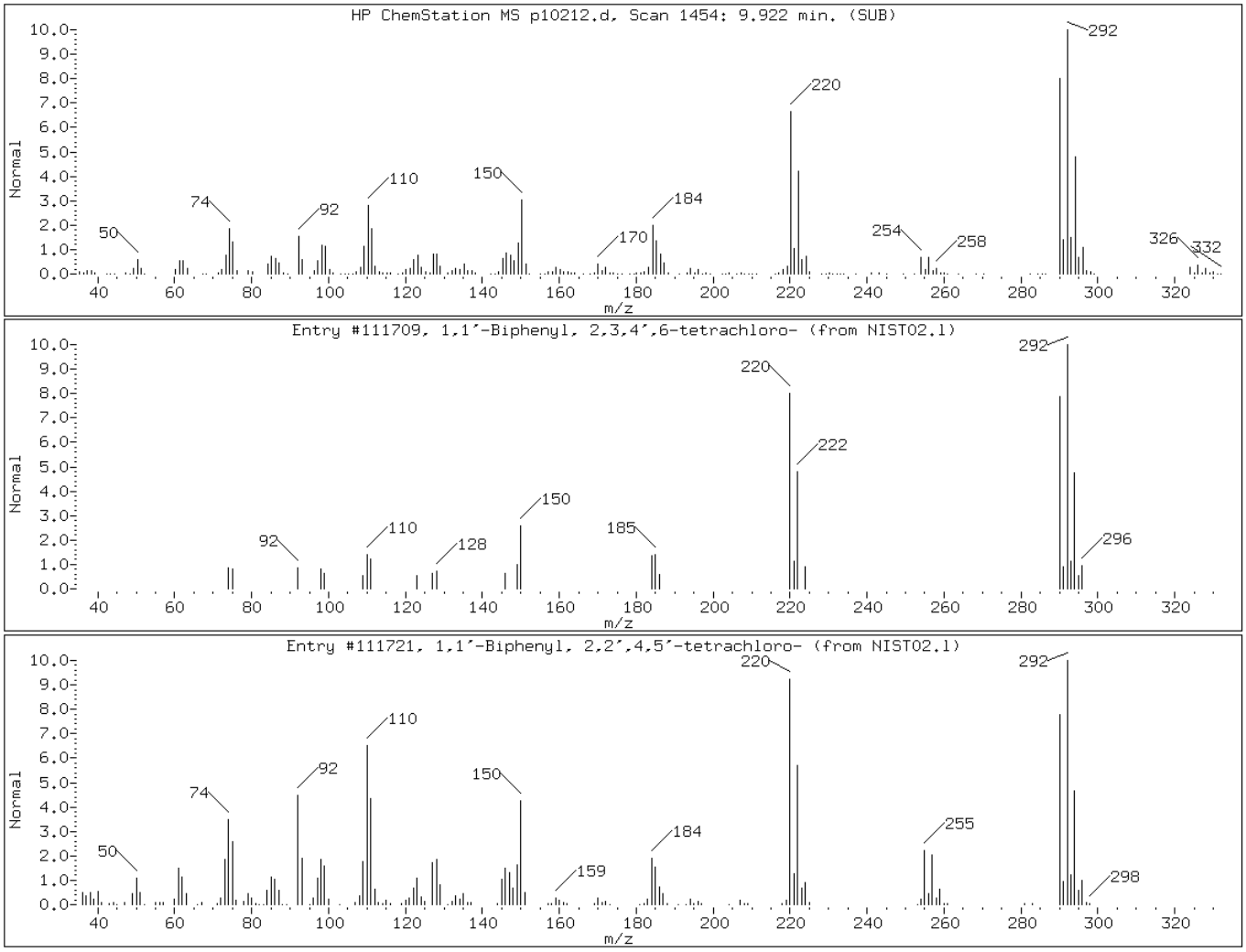
Date: 02-APR-2011 15:07

Client ID: PMP-24-VD-E (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-24280-F-11-C Operator: BNAMS 4

Retention Time: 9.92

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-6						
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',4,5'-tetrachlo	41464-40-8	NIST02.l	111721	99	C12H6Cl4	290



Data File: p10212.d

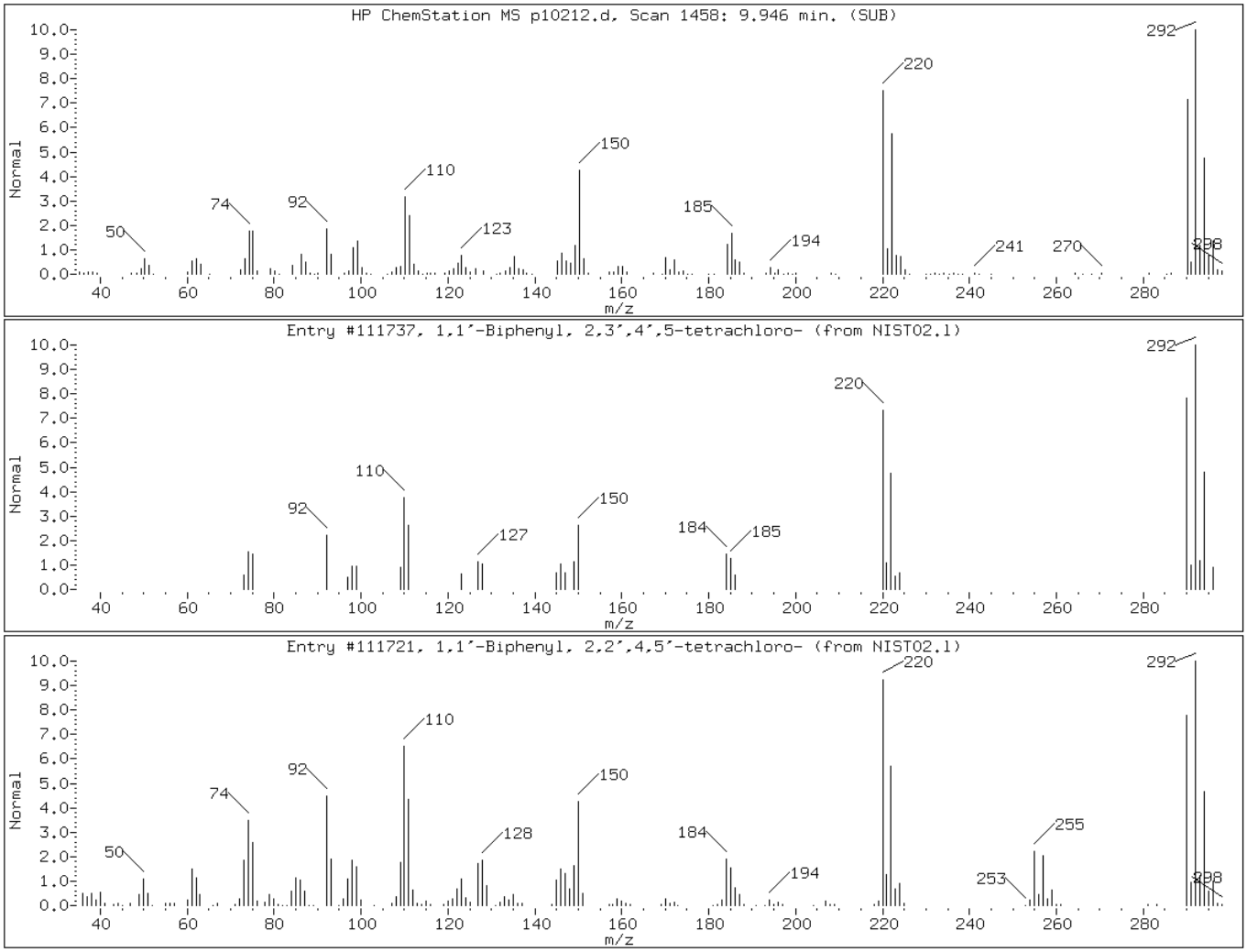
Date: 02-APR-2011 15:07

Client ID: PMP-24-VD-E (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-24280-F-11-C Operator: BNAMS 4

Retention Time: 9.95

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	97	C12H6Cl4	290
1,1'-Biphenyl, 2,2',4,5'-tetrachlo	41464-40-8	NIST02.l	111721	96	C12H6Cl4	290



Data File: p10212.d

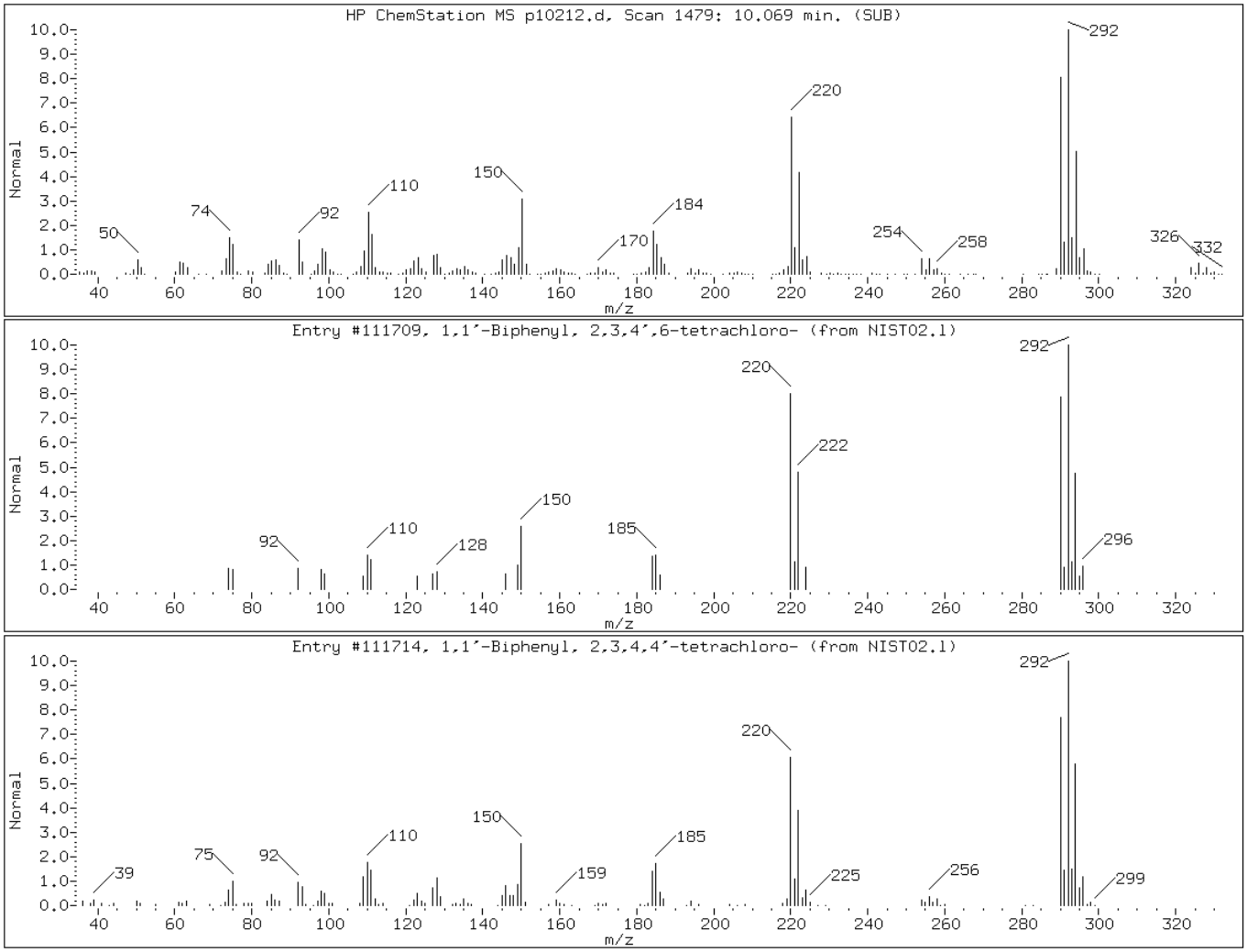
Date: 02-APR-2011 15:07

Client ID: PMP-24-VD-E (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-24280-F-11-C Operator: BNAMS 4

Retention Time: 10.07

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-8						
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3,4,4'-tetrachlor	33025-41-1	NIST02.l	111714	99	C12H6Cl4	290



Data File: p10212.d

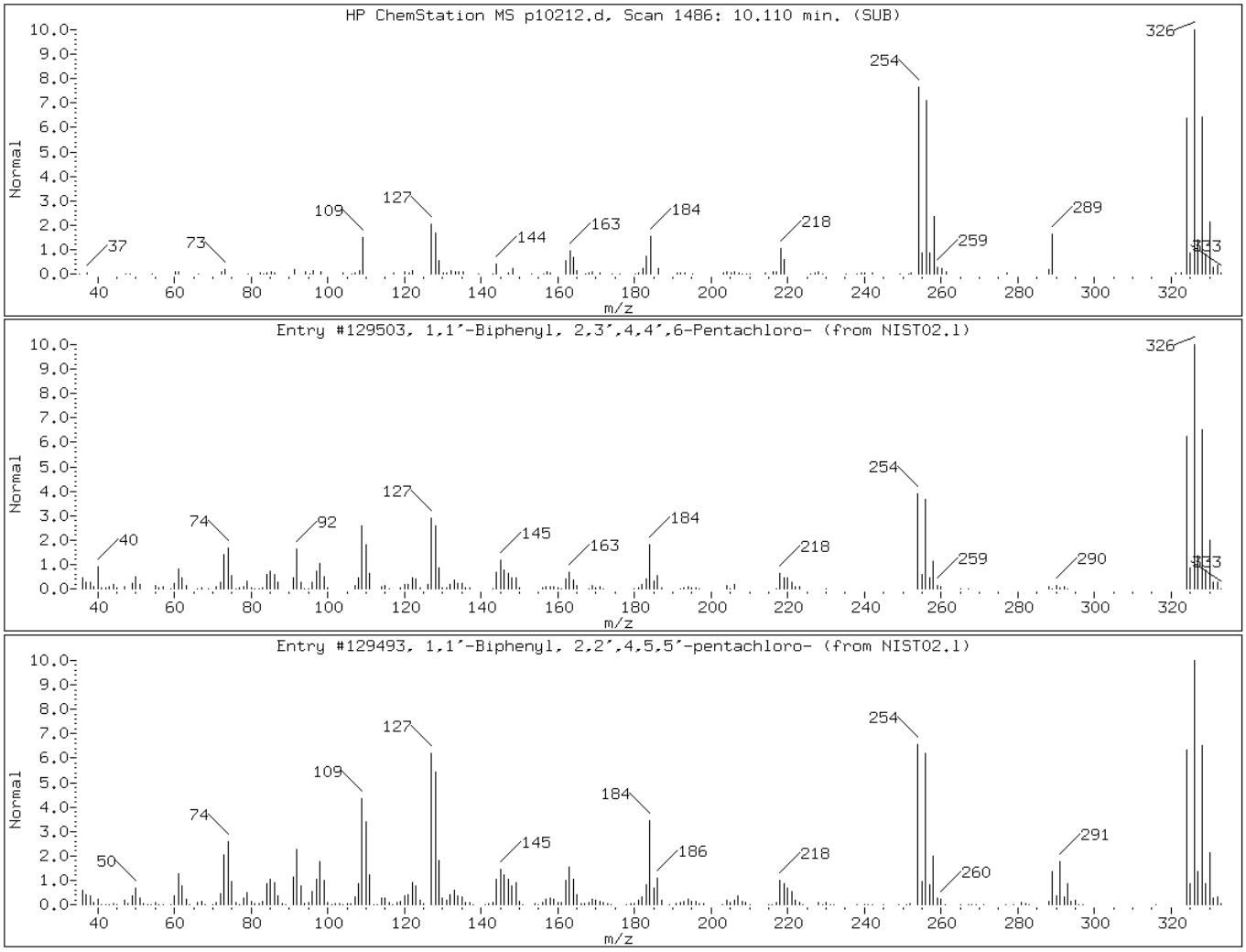
Date: 02-APR-2011 15:07

Client ID: PMP-24-VD-E (4.5-6. Instrument: BNAMS10.i

Sample Info: 460-24280-F-11-C Operator: BNAMS 4

Retention Time: 10.11

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pentachloro-1,1'-biphenyl isomer						
1,1'-Biphenyl, 2,3',4,4',6-Pentach	56558-17-9	NIST02.l	129503	95	C12H5Cl5	324
1,1'-Biphenyl, 2,2',4,5,5'-pentach	37680-73-2	NIST02.l	129493	95	C12H5Cl5	324



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-WT-E (6.5-8.5) | Lab Sample ID: 460-24280-12

Matrix: Solid | Lab File ID: p10213.d

Analysis Method: 8270C | Date Collected: 03/17/2011 10:35

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.04(g) | Date Analyzed: 04/02/2011 15:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	1800	U	1800	220
95-57-8	2-Chlorophenol	1800	U	1800	240
95-48-7	2-Methylphenol	1800	U	1800	260
106-44-5	4-Methylphenol	1800	U	1800	300
100-52-7	Benzaldehyde	1800	U	1800	110
98-86-2	Acetophenone	1800	U	1800	270
111-44-4	Bis(2-chloroethyl)ether	180	U	180	38
108-60-1	2,2'-oxybis[1-chloropropane]	1800	U	1800	240
621-64-7	N-Nitrosodi-n-propylamine	180	U	180	24
98-95-3	Nitrobenzene	180	U	180	41
67-72-1	Hexachloroethane	180	U	180	31
78-59-1	Isophorone	1800	U	1800	210
88-75-5	2-Nitrophenol	1800	U	1800	300
105-67-9	2,4-Dimethylphenol	1800	U	1800	290
120-83-2	2,4-Dichlorophenol	1800	U	1800	290
111-91-1	Bis(2-chloroethoxy)methane	1800	U	1800	260
91-20-3	Naphthalene	9600		1800	270
106-47-8	4-Chloroaniline	1800	U	1800	230
87-68-3	Hexachlorobutadiene	370	U	370	74
105-60-2	Caprolactam	1800	U	1800	250
59-50-7	4-Chloro-3-methylphenol	1800	U	1800	310
91-57-6	2-Methylnaphthalene	19000		1800	270
118-74-1	Hexachlorobenzene	180	U	180	25
77-47-4	Hexachlorocyclopentadiene	1800	U	1800	530
88-06-2	2,4,6-Trichlorophenol	1800	U	1800	330
95-95-4	2,4,5-Trichlorophenol	1800	U	1800	350
92-52-4	Diphenyl	2700		1800	300
91-58-7	2-Chloronaphthalene	1800	U	1800	260
88-74-4	2-Nitroaniline	3700	U	3700	500
606-20-2	2,6-Dinitrotoluene	370	U	370	46
131-11-3	Dimethyl phthalate	1800	U	1800	250
208-96-8	Acenaphthylene	1800	U	1800	260
99-09-2	3-Nitroaniline	3700	U	3700	410
83-32-9	Acenaphthene	870	J	1800	260

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-WT-E (6.5-8.5) | Lab Sample ID: 460-24280-12

Matrix: Solid | Lab File ID: p10213.d

Analysis Method: 8270C | Date Collected: 03/17/2011 10:35

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.04(g) | Date Analyzed: 04/02/2011 15:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5500	U	5500	470
51-28-5	2,4-Dinitrophenol	5500	U	5500	390
132-64-9	Dibenzofuran	490	J	1800	270
84-66-2	Diethyl phthalate	1800	U	1800	250
86-73-7	Fluorene	540	J	1800	310
206-44-0	Fluoranthene	1800	U	1800	300
84-74-2	Di-n-butyl phthalate	1800	U	1800	280
121-14-2	2,4-Dinitrotoluene	370	U	370	53
7005-72-3	4-Chlorophenyl phenyl ether	1800	U	1800	310
100-01-6	4-Nitroaniline	3700	U	3700	380
534-52-1	4,6-Dinitro-2-methylphenol	5500	U	5500	870
101-55-3	4-Bromophenyl phenyl ether	1800	U	1800	330
1912-24-9	Atrazine	1800	U	1800	340
120-12-7	Anthracene	1800	U	1800	320
86-74-8	Carbazole	1800	U	1800	290
85-01-8	Phenanthrene	870	J	1800	320
87-86-5	Pentachlorophenol	5500	U	5500	890
129-00-0	Pyrene	1800	U	1800	320
218-01-9	Chrysene	1800	U	1800	270
207-08-9	Benzo[k]fluoranthene	180	U	180	26
191-24-2	Benzo[g,h,i]perylene	1800	U	1800	190
205-99-2	Benzo[b]fluoranthene	180	U	180	27
50-32-8	Benzo[a]pyrene	180	U	180	22
56-55-3	Benzo[a]anthracene	180	U	180	34
86-30-6	N-Nitrosodiphenylamine	1800	U	1800	300
85-68-7	Butyl benzyl phthalate	1800	U	1800	210
117-81-7	Bis(2-ethylhexyl) phthalate	460	J	1800	240
117-84-0	Di-n-octyl phthalate	1800	U	1800	220
193-39-5	Indeno[1,2,3-cd]pyrene	180	U	180	29
53-70-3	Dibenz(a,h)anthracene	180	U	180	22
91-94-1	3,3'-Dichlorobenzidine	3700	U	3700	400
95-94-3	1,2,4,5-Tetrachlorobenzene	1800	U	1800	250
58-90-2	2,3,4,6-Tetrachlorophenol	1800	U	1800	370

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-WT-E (6.5-8.5) Lab Sample ID: 460-24280-12

Matrix: Solid Lab File ID: p10213.d

Analysis Method: 8270C Date Collected: 03/17/2011 10:35

Extract. Method: 3541 Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.04(g) Date Analyzed: 04/02/2011 15:34

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 9.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	109	X	38-105
4165-62-2	Phenol-d5	93		41-118
1718-51-0	Terphenyl-d14	94		16-151
118-79-6	2,4,6-Tribromophenol	86		10-120
367-12-4	2-Fluorophenol	95		37-125
321-60-8	2-Fluorobiphenyl	104		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-WT-E (6.5-8.5) | Lab Sample ID: 460-24280-12

Matrix: Solid | Lab File ID: p10213.d

Analysis Method: 8270C | Date Collected: 03/17/2011 10:35

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.04(g) | Date Analyzed: 04/02/2011 15:34

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.7 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 990000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	5.57	17000	J
	Nitrochlorobenzene isomer	5.92	54000	J
	Unknown Alkane-2	6.21	25000	J
	Dichloro-1,1-biphenyl isomer-1	7.99	23000	J
	Dichloro-1,1-biphenyl isomer-4	8.39	41000	J
	Trichloro-1,1-biphenyl isomer-1	8.76	68000	J
	Dichloro-1,1-biphenyl isomer-5	8.81	17000	J
	Trichloro-1,1-biphenyl isomer-2	8.91	29000	J
	Trichloro-1,1-biphenyl isomer-4	9.16	65000	J
	Trichloro-1,1-biphenyl isomer-5	9.23	33000	J
	Tetrachloro-1,1-biphenyl isomer-1	9.43	77000	J
	Tetrachloro-1,1-biphenyl isomer-2	9.46	61000	J
	Tetrachloro-1,1-biphenyl isomer-3	9.49	45000	J
	Tetrachloro-1,1-biphenyl isomer-4	9.59	77000	J
	Trichloro-1,1-biphenyl isomer-7	9.65	42000	J
	Tetrachloro-1,1-biphenyl isomer-5	9.69	51000	J
	Tetrachloro-1,1-biphenyl isomer-6	9.88	40000	J
	Tetrachloro-1,1-biphenyl isomer-7	9.92	87000	J
	Tetrachloro-1,1-biphenyl isomer-8	9.94	76000	J
	Tetrachloro-1,1-biphenyl isomer-9	10.06	62000	J

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10213.d
Report Date: 05-Apr-2011 11:42

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10213.d
Lab Smp Id: 460-24280-F-12-C Client Smp ID: PMP-24-WT-E (6.5-8.
Inj Date : 02-APR-2011 15:34
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24280-F-12-C
Misc Info : 460-24280-F-12-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/8270C_08SP.m
Meth Date : 02-Apr-2011 06:27 asfawa Quant Type: ISTD
Cal Date : 31-MAR-2011 01:00 Cal File: p10127.d
Als bottle: 25
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	9.74967	% 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	2.748	2.748	(0.664)	153066	19.0102	7000
$ 17 Phenol-d5 (SUR)	99	3.765	3.776	(0.909)	178953	18.6802	6900
113 n-decane	43	3.994	4.000	(0.965)	149249	18.0246	6600
* 79 1,4-Dichlorobenzene-d4	152	4.141	4.146	(1.000)	245662	40.0000	
23 1,2-Dichlorobenzene	146	4.329	4.329	(1.045)	26858	2.90691	1100(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.752	4.758	(0.861)	87907	10.9038	4000(R)
30 1,2,4-Trichlorobenzene	180	5.469	5.474	(0.990)	232822	34.6719	13000
* 80 Naphthalene-d8	136	5.522	5.521	(1.000)	806416	40.0000	
31 Naphthalene	128	5.539	5.545	(1.003)	567359	26.1749	9600
34 2-Methylnaphthalene	142	6.268	6.268	(1.135)	725224	52.8312	19000
120 1-Methylnaphthalene	142	6.368	6.367	(1.153)	331859	24.6387	9100
$ 77 2-Fluorobiphenyl (SUR)	172	6.656	6.655	(0.909)	131019	10.3975	3800
102 Diphenyl	154	6.750	6.755	(0.922)	104671	7.33840	2700

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10213.d
Report Date: 05-Apr-2011 11:42

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	103 Diphenyl Ether	170	6.861	6.861	(0.937)	14383	1.90408	700(a)
	125 1,3-Dimethylnaphthalene	156	6.985	6.990	(0.954)	173621	19.8380	7300
*	82 Acenaphthene-d10	164	7.319	7.319	(1.000)	386510	40.0000	
	42 Acenaphthene	154	7.349	7.354	(1.004)	24288	2.35794	870(a)
	43 Dibenzofuran	168	7.525	7.525	(1.028)	19976	1.31744	480(a)
	47 Fluorene	166	7.866	7.866	(1.075)	17623	1.46510	540(a)
$	18 2,4,6-Tribromophenol (SUR)	330	8.107	8.107	(1.108)	23340	17.2889	6400
*	83 Phenanthrene-d10	188	8.788	8.788	(1.000)	521426	40.0000	
	115 n-Octadecane	57	8.730	8.729	(0.993)	268961	40.7578	15000
	52 Phenanthrene	178	8.818	8.812	(1.003)	35611	2.36872	870(a)
	57 Pyrene	202	10.198	10.198	(0.891)	5221	0.34182	120(a)
$	78 Terphenyl-d14	244	10.363	10.369	(0.906)	92594	9.40799	3500
*	81 Chrysene-d12	240	11.444	11.450	(1.000)	447593	40.0000	
	63 bis(2-Ethylhexyl)phthalate	149	11.509	11.514	(1.006)	12543	1.24776	460(a)
*	84 Perylene-d12	264	13.230	13.236	(1.000)	455405	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10213.d
Report Date: 05-Apr-2011 11:42

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10213.d
Lab Smp Id: 460-24280-F-12-C Client Smp ID: PMP-24-WT-E (6.5-8.
Inj Date : 02-APR-2011 15:34
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24280-F-12-C
Misc Info : 460-24280-F-12-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/8270C_08SP.m
Meth Date : 02-Apr-2011 06:27 asfawa Quant Type: ISTD
Cal Date : 31-MAR-2011 01:00 Cal File: p10127.d
Als bottle: 25
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	9.74967	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 80 Naphthalene-d8	5.522	2884207	40.000
* 82 Acenaphthene-d10	7.319	4943021	40.000
* 81 Chrysene-d12	11.444	1280509	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-1					CAS #:		
5.574	3414889	47.3598301	17000	0		0	80

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10213.d
Report Date: 05-Apr-2011 11:42

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Nitrochlorobenzene isomer					CAS #:		
5.915	10595543	146.945648	54000	0		0	80
Unknown Alkane-2					CAS #:		
6.209	4830566	66.9933253	25000	0		0	80
Unknown Alkane-3					CAS #:		
6.791	4920798	39.8201578	15000	0		0	82
Unknown Alkane-4					CAS #:		
7.114	3467791	28.0621147	10000	0		0	82
Unknown Alkane-5					CAS #:		
7.819	3321859	26.8812020	9900	0		0	82
Dichloro-1,1-biphenyl isomer-1					CAS #:		
7.989	7660784	61.9927170	23000	0		0	82
Dichloro-1,1-biphenyl isomer-2					CAS #:		
8.301	3459729	27.9968777	10000	0		0	82
Dichloro-1,1-biphenyl isomer-3					CAS #:		
8.318	3816183	30.8813779	11000	0		0	82
Dichloro-1,1-biphenyl isomer-4					CAS #:		
8.395	13902095	112.498752	41000	0		0	82
Trichloro-1,1-biphenyl isomer-1					CAS #:		
8.759	22695273	183.655055	68000	0		0	82
Dichloro-1,1-biphenyl isomer-5					CAS #:		
8.806	5715853	46.2539162	17000	0		0	82
Trichloro-1,1-biphenyl isomer-2					CAS #:		
8.912	9770374	79.0639729	29000	0		0	82
Trichloro-1,1-biphenyl isomer-3					CAS #:		
9.070	4062423	32.8740038	12000	0		0	82
Trichloro-1,1-biphenyl isomer-4					CAS #:		
9.164	21781079	176.257199	65000	0		0	82
Trichloro-1,1-biphenyl isomer-5					CAS #:		
9.235	11051803	89.4335788	33000	0		0	82

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10213.d
Report Date: 05-Apr-2011 11:42

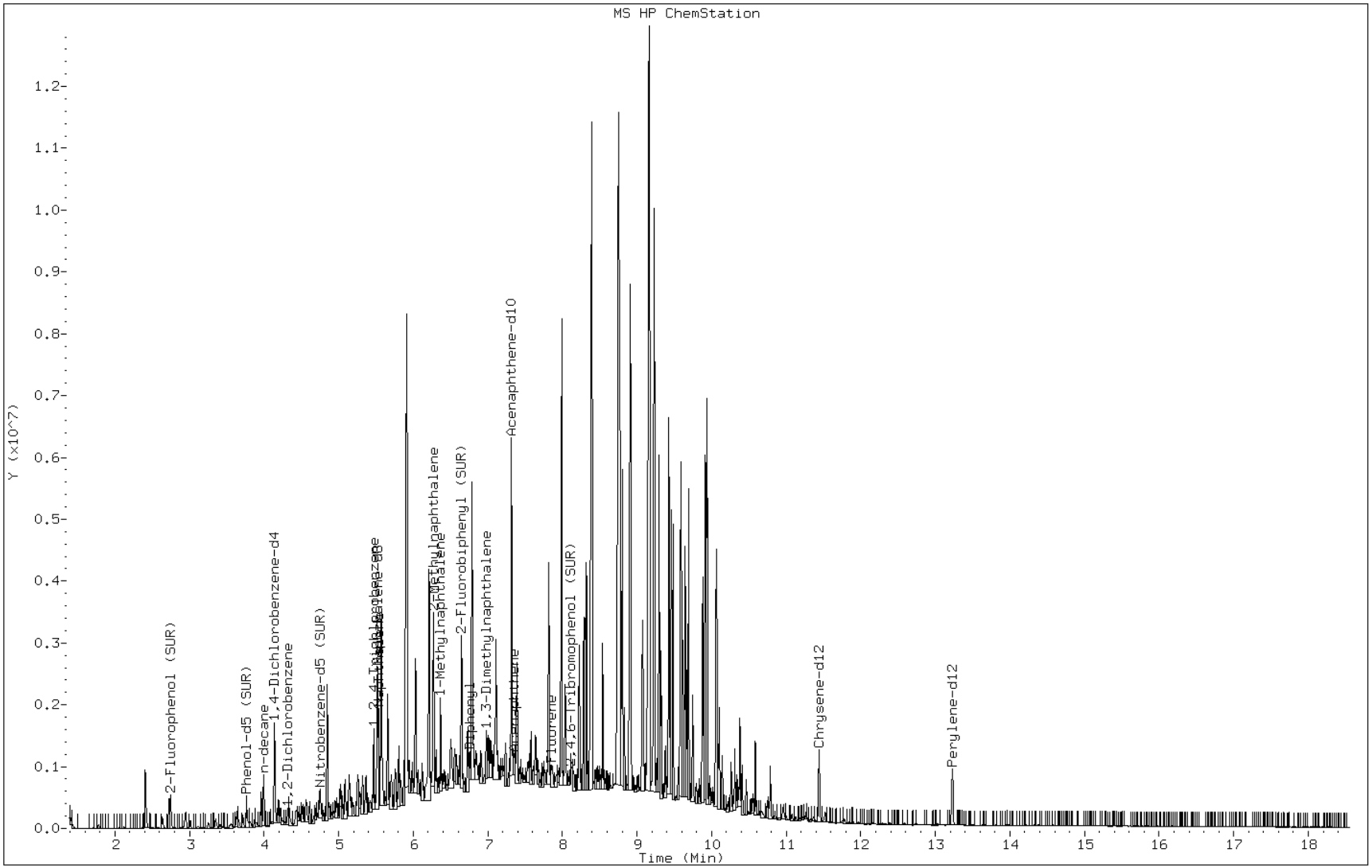
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Trichloro-1,1-biphenyl isomer-6					CAS #:		
9.294	5576979	45.1301201	17000	0		0	82
Tetrachloro-1,1-biphenyl isomer-1					CAS #:		
9.429	6659565	208.028587	77000	0		0	81
Tetrachloro-1,1-biphenyl isomer-2					CAS #:		
9.464	5283961	165.058049	61000	0		0	81
Tetrachloro-1,1-biphenyl isomer-3					CAS #:		
9.488	3890427	121.527452	45000	0		0	81
Tetrachloro-1,1-biphenyl isomer-4					CAS #:		
9.587	6721460	209.962040	77000	0		0	81
Trichloro-1,1-biphenyl isomer-7					CAS #:		
9.646	3653743	114.134027	42000	0		0	81
Tetrachloro-1,1-biphenyl isomer-5					CAS #:		
9.693	4457519	139.242031	51000	0		0	81
Tetrachloro-1,1-biphenyl isomer-6					CAS #:		
9.881	3498818	109.294547	40000	0		0	81
Tetrachloro-1,1-biphenyl isomer-7					CAS #:		
9.916	7601710	237.458875	87000	0		0	81
Tetrachloro-1,1-biphenyl isomer-8					CAS #:		
9.940	6584898	205.696174	76000	0		0	81
Tetrachloro-1,1-biphenyl isomer-9					CAS #:		
10.063	5345780	166.989128	62000	0		0	81

Data File: p10213.d

Date: 02-APR-2011 15:34

Client ID: PMP-24-WT-E (6.5-8. Instrument: BNAMS10.i

Sample Info: 460-24280-F-12-C Operator: BNAMS 4



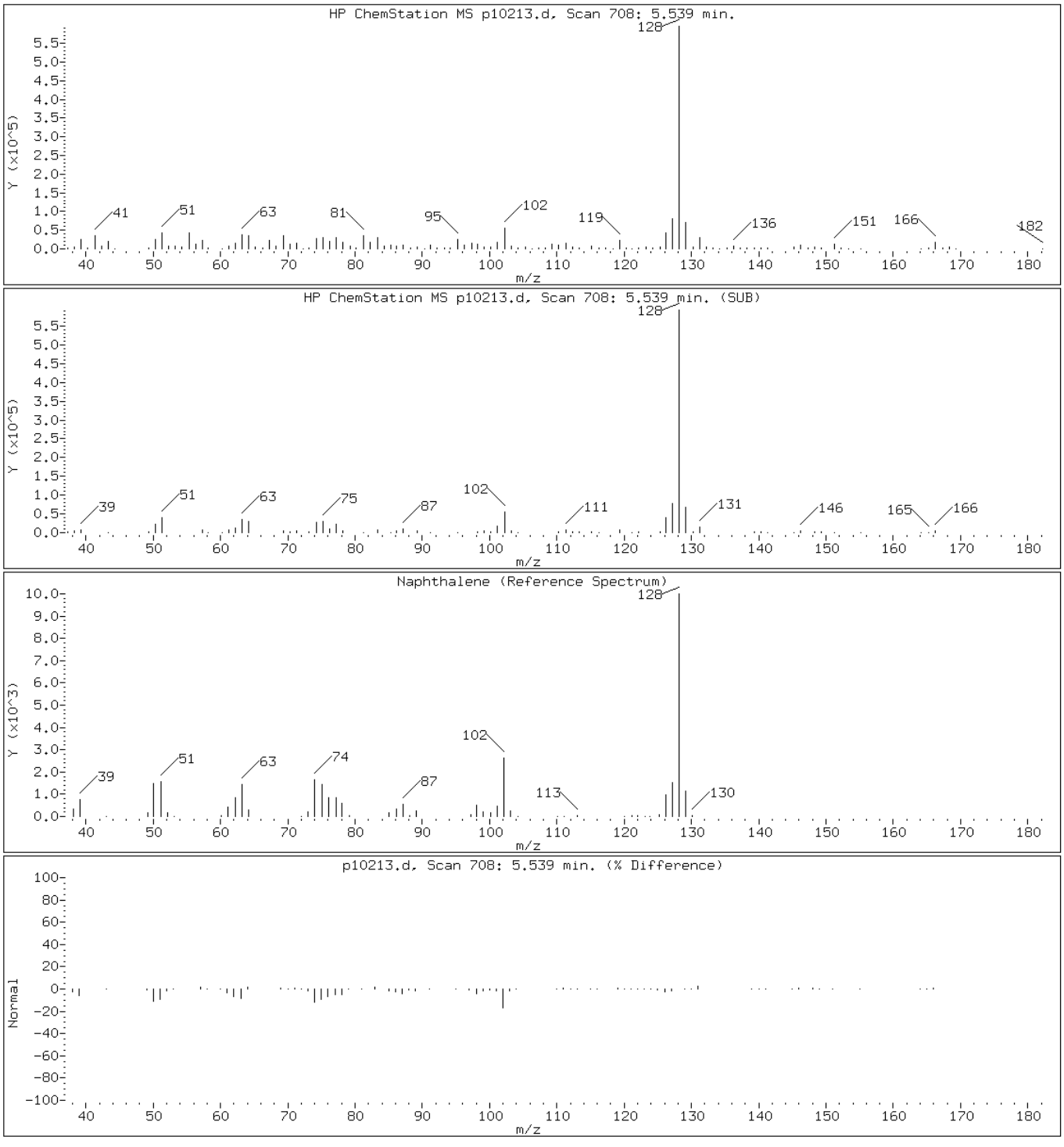
Data File: p10213.d

Date: 02-APR-2011 15:34

Client ID: PMP-24-WT-E (6.5-8. Instrument: BNAMS10.i

Sample Info: 460-24280-F-12-C Operator: BNAMS 4

31 Naphthalene



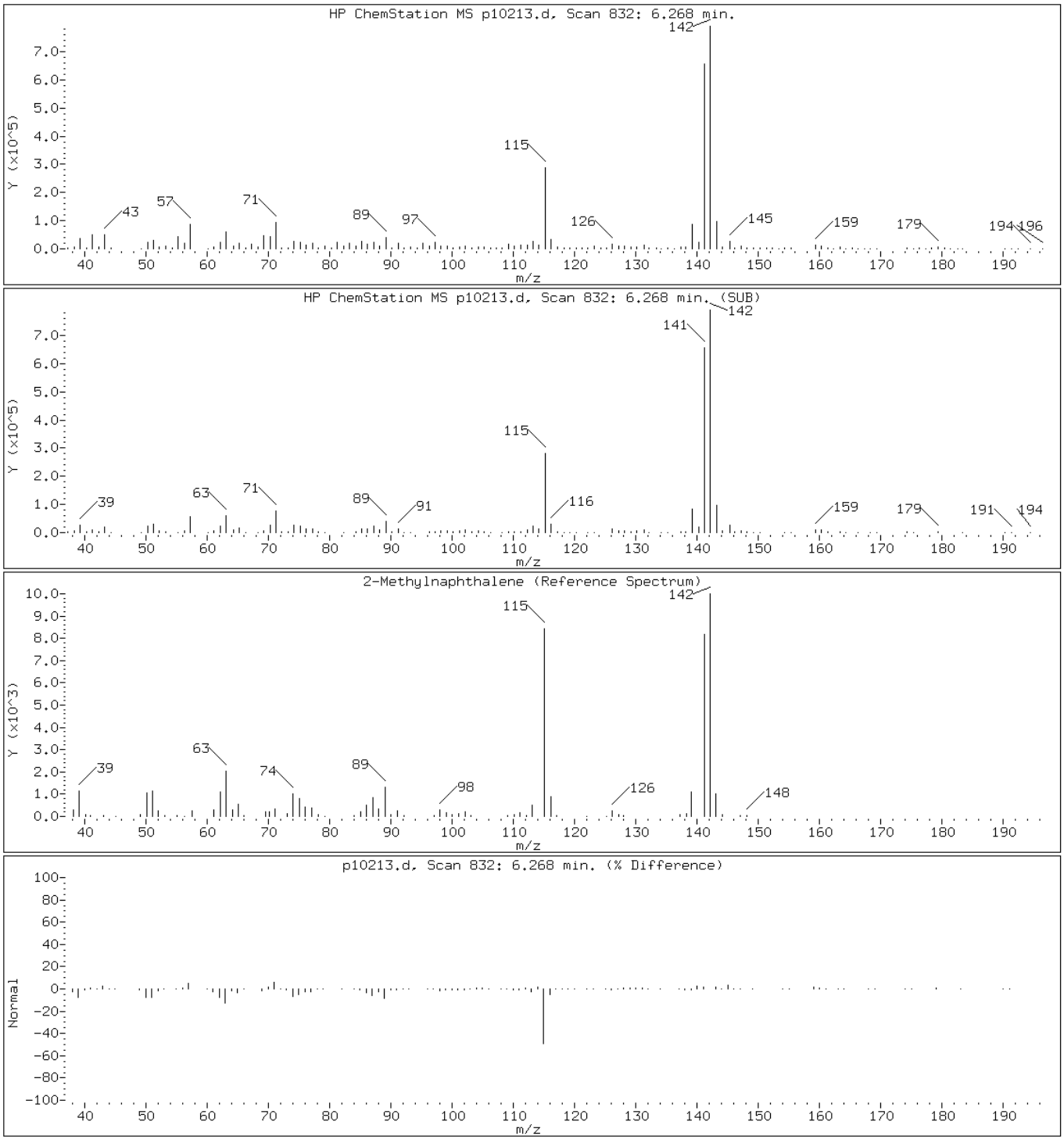
Data File: p10213.d

Date: 02-APR-2011 15:34

Client ID: PMP-24-WT-E (6.5-8. Instrument: BNAMS10.i

Sample Info: 460-24280-F-12-C Operator: BNAMS 4

34 2-Methylnaphthalene



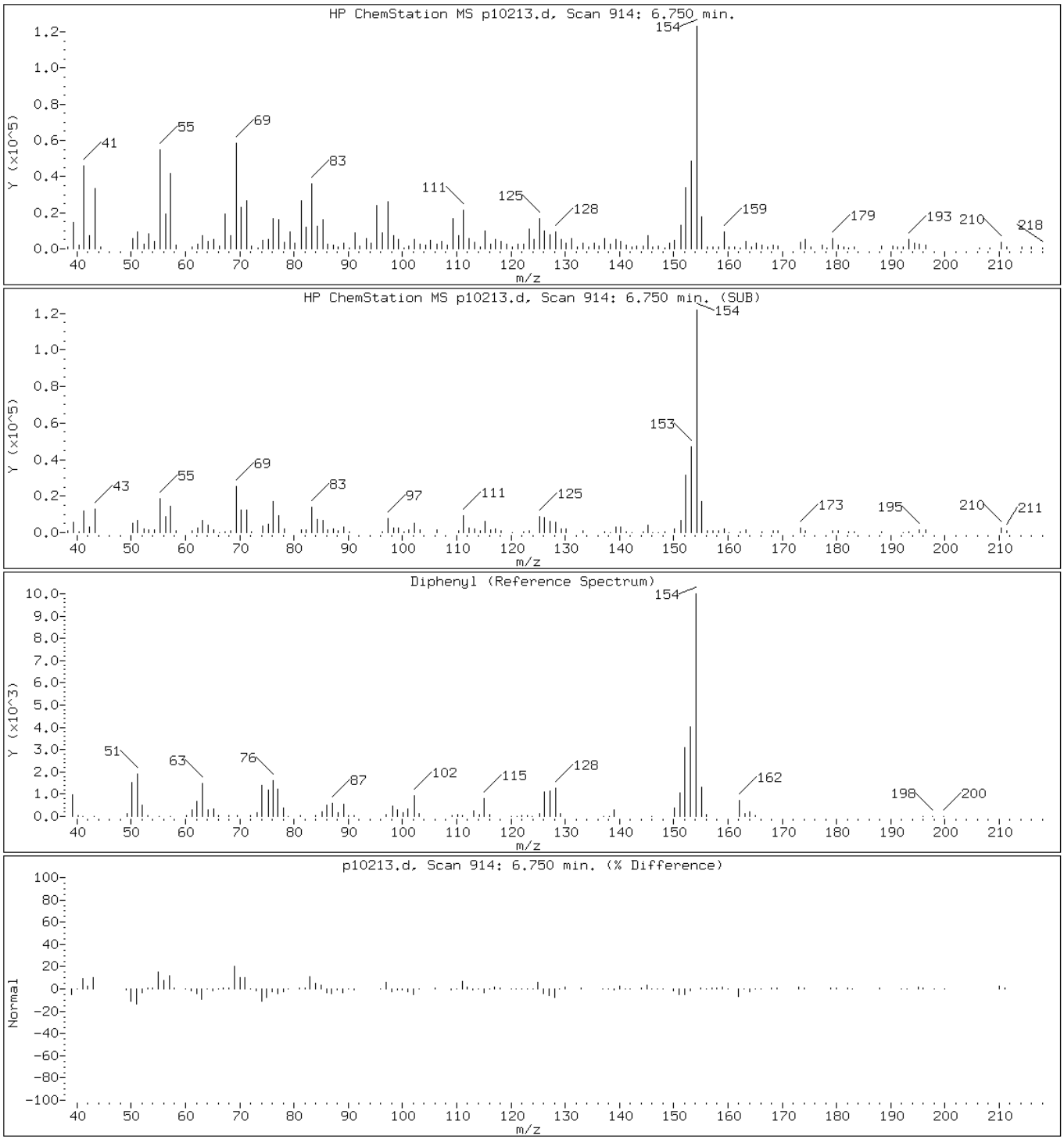
Data File: p10213.d

Date: 02-APR-2011 15:34

Client ID: PMP-24-WT-E (6.5-8. Instrument: BNAMS10.i

Sample Info: 460-24280-F-12-C Operator: BNAMS 4

102 Diphenyl



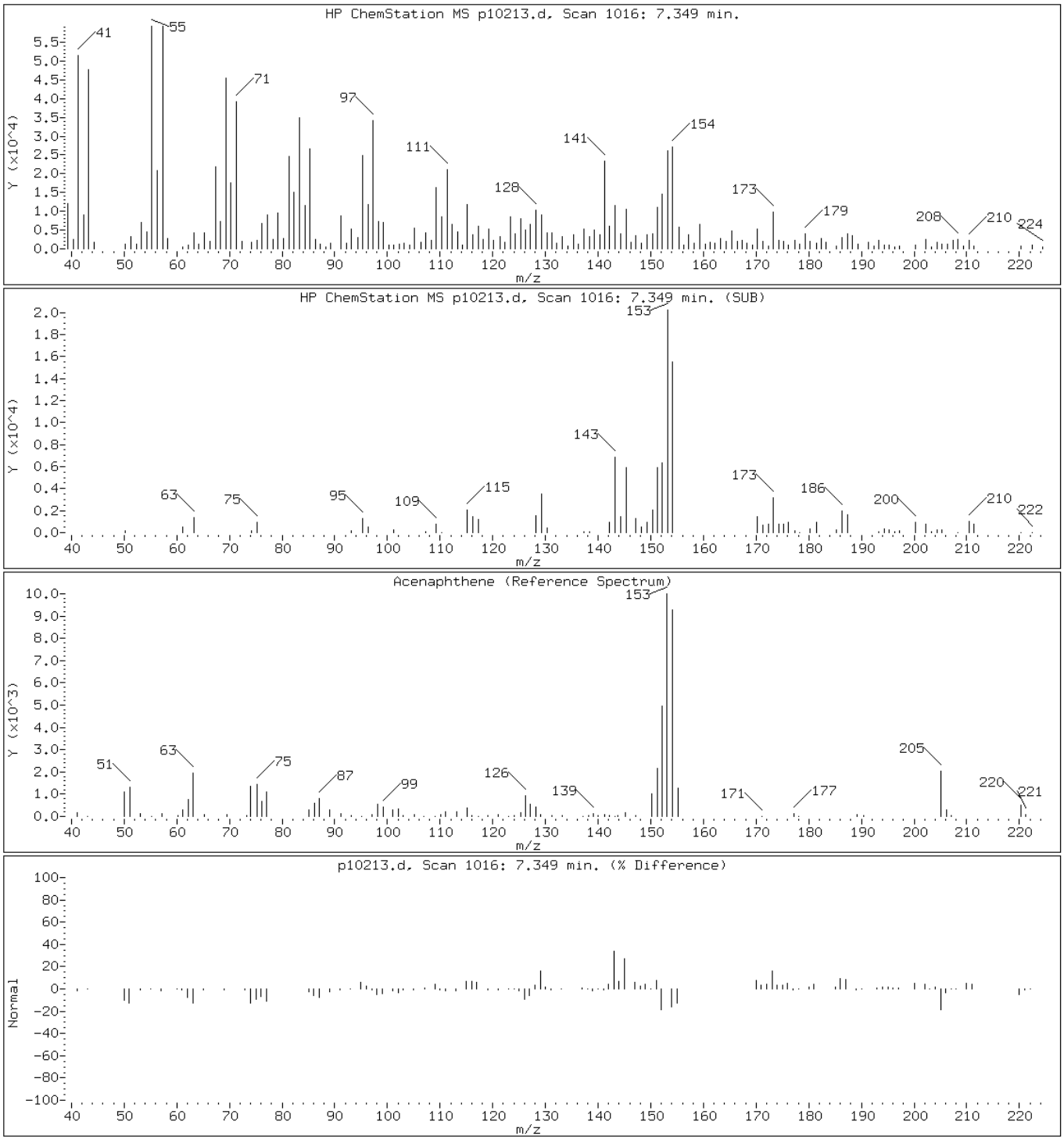
Data File: p10213.d

Date: 02-APR-2011 15:34

Client ID: PMP-24-WT-E (6.5-8. Instrument: BNAMS10.i

Sample Info: 460-24280-F-12-C Operator: BNAMS 4

42 Acenaphthene



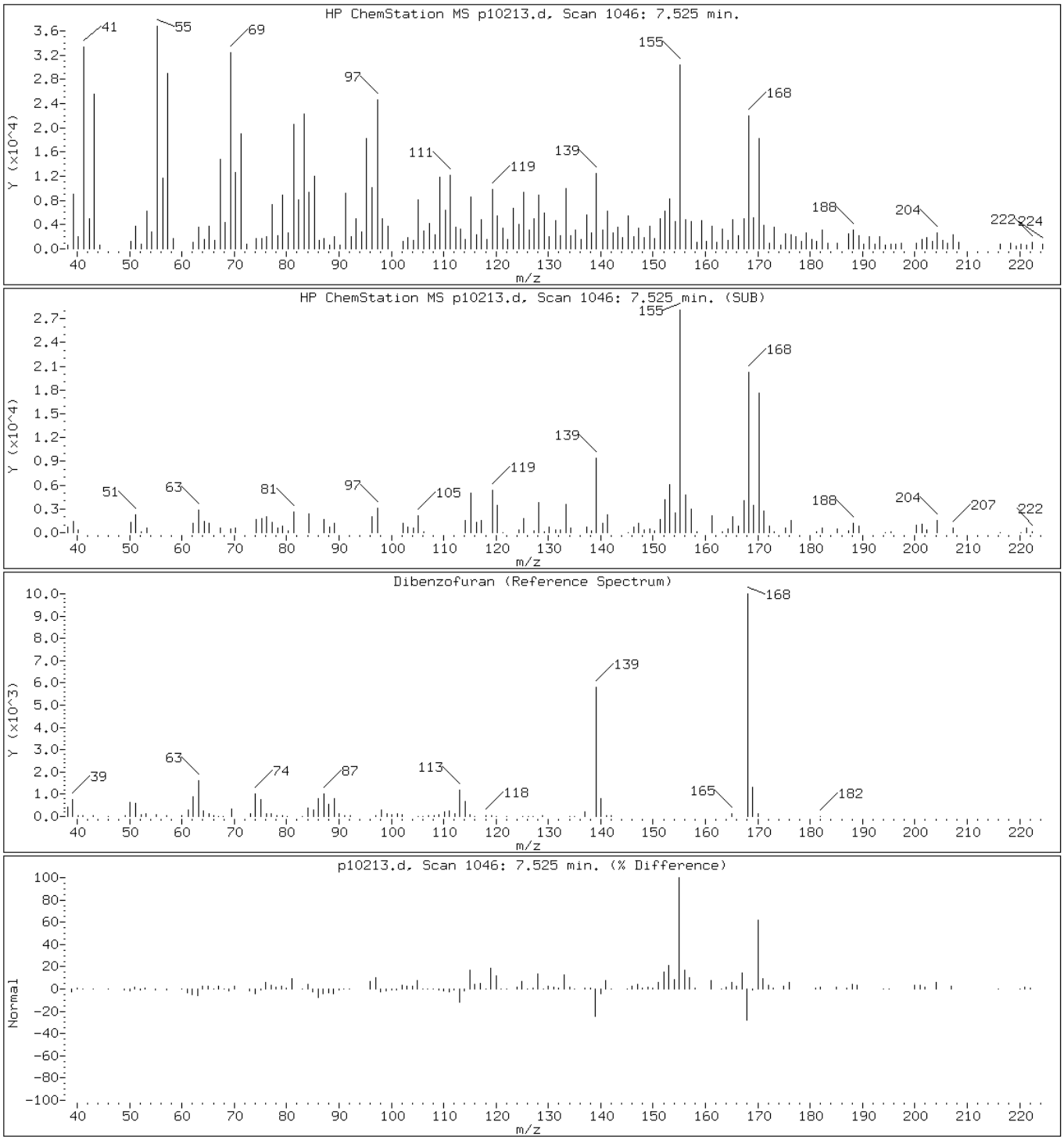
Data File: p10213.d

Date: 02-APR-2011 15:34

Client ID: PMP-24-WT-E (6.5-8. Instrument: BNAMS10.i

Sample Info: 460-24280-F-12-C Operator: BNAMS 4

43 Dibenzofuran



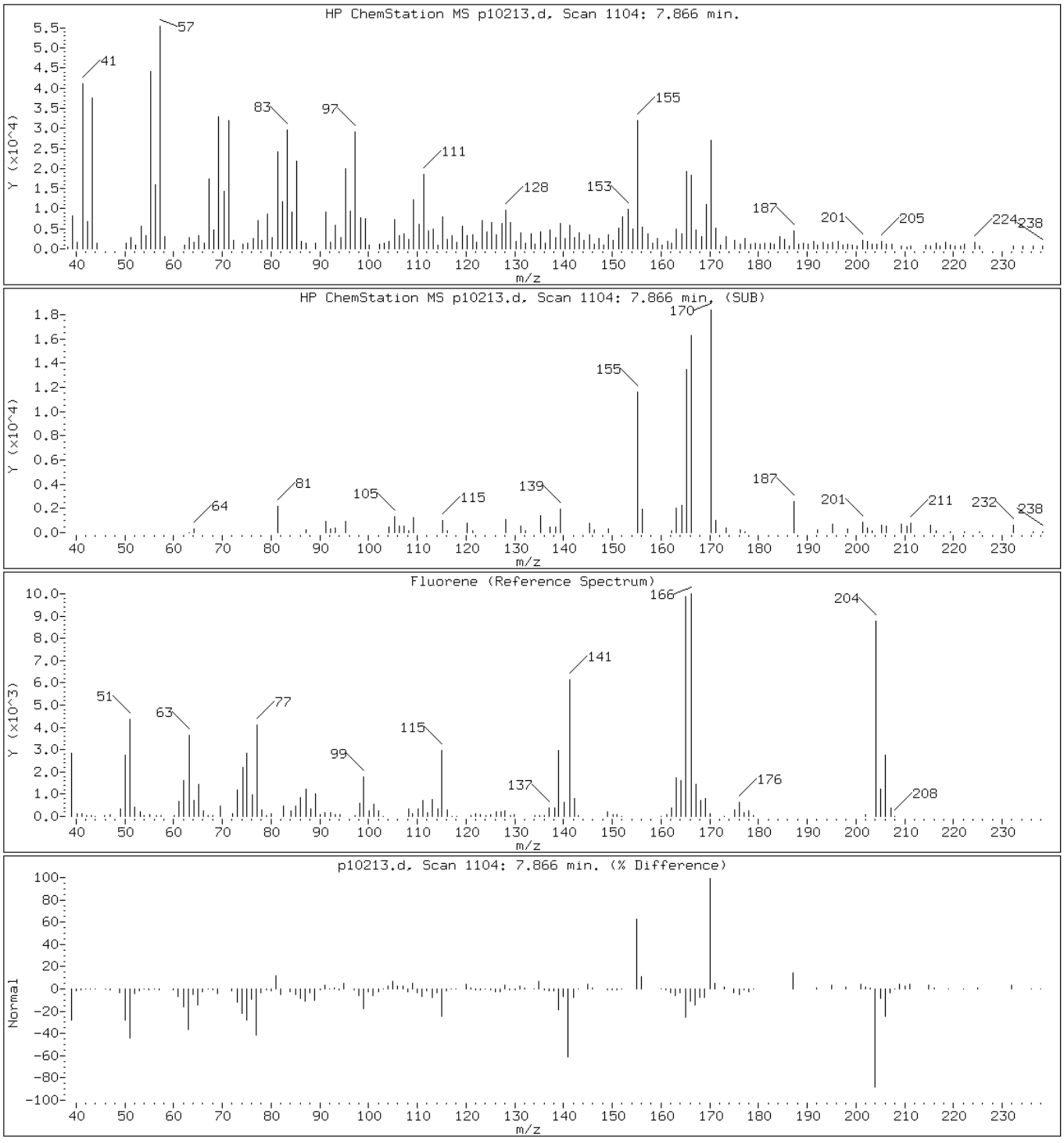
Data File: p10213.d

Date: 02-APR-2011 15:34

Client ID: PMP-24-WT-E (6.5-8. Instrument: BNAMS10.i

Sample Info: 460-24280-F-12-C Operator: BNAMS 4

47 Fluorene



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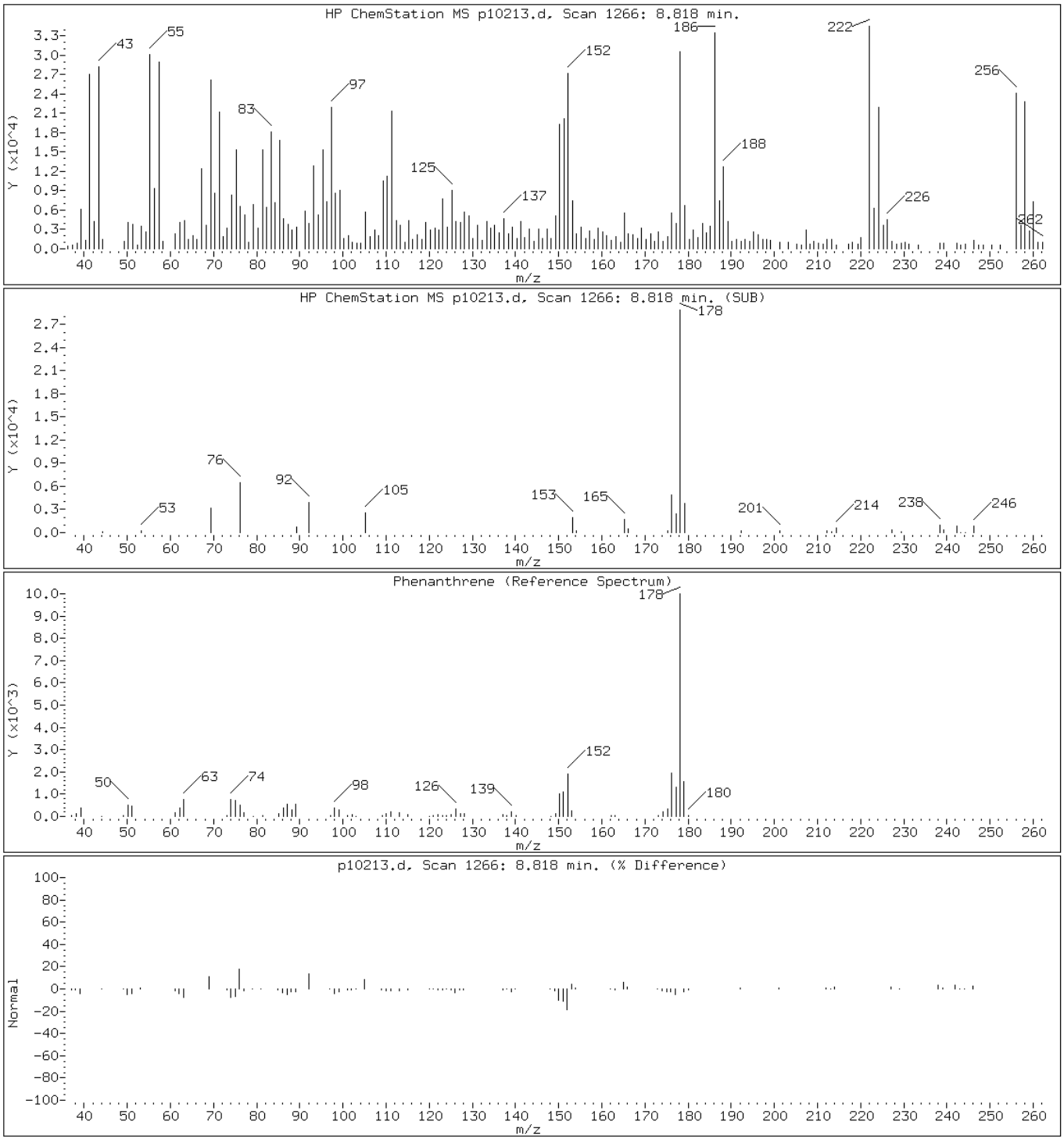
Date: 02-APR-2011 15:34

Client ID: PMP-24-WT-E (6.5-8. Instrument: BNAMS10.i

Sample Info: 460-24280-F-12-C Operator: BNAMS 4

52 Phenanthrene



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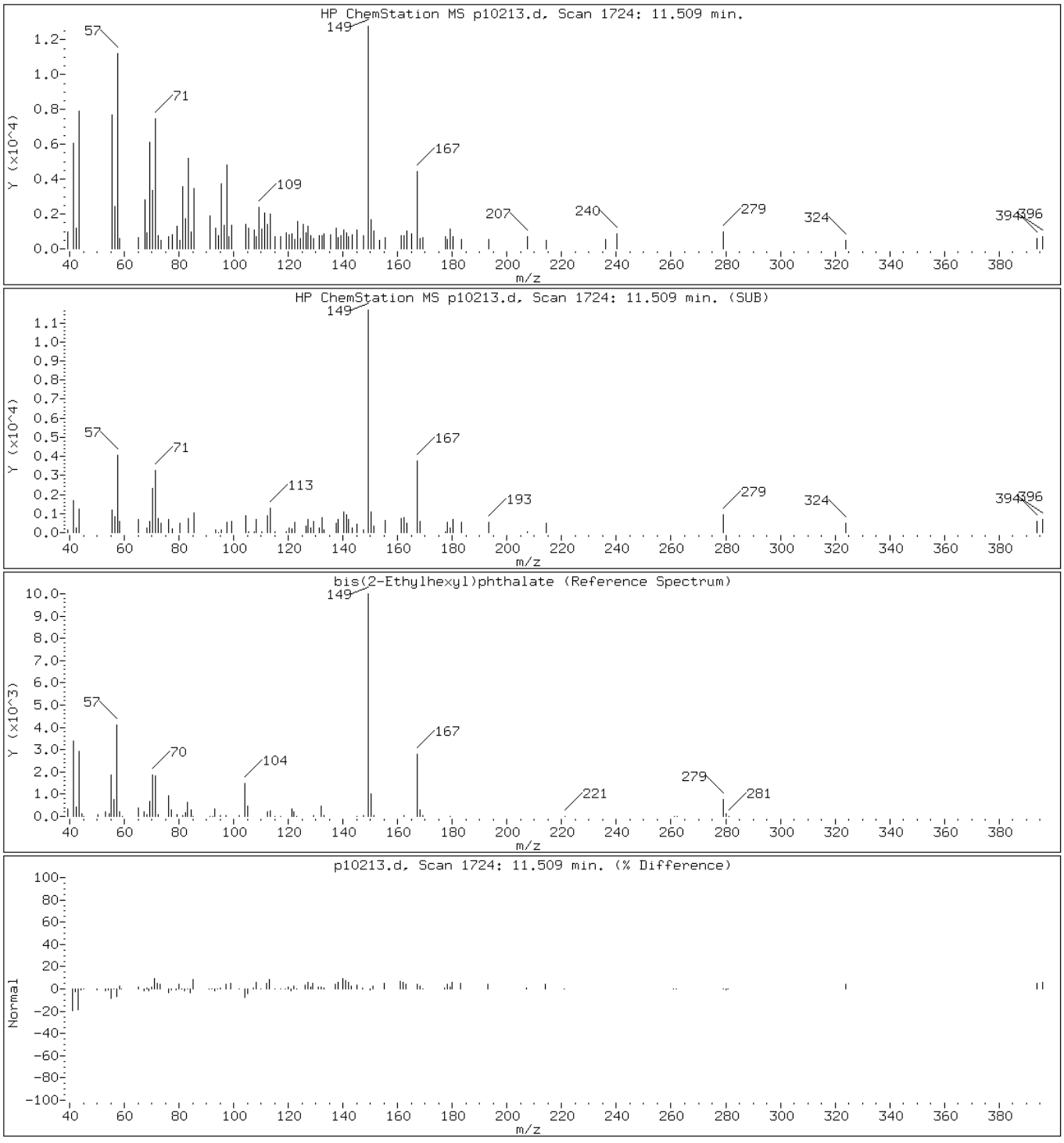
Date: 02-APR-2011 15:34

Client ID: PMP-24-WT-E (6.5-8. Instrument: BNAMS10.i

Sample Info: 460-24280-F-12-C Operator: BNAMS 4

63 bis(2-Ethylhexyl)phthalate



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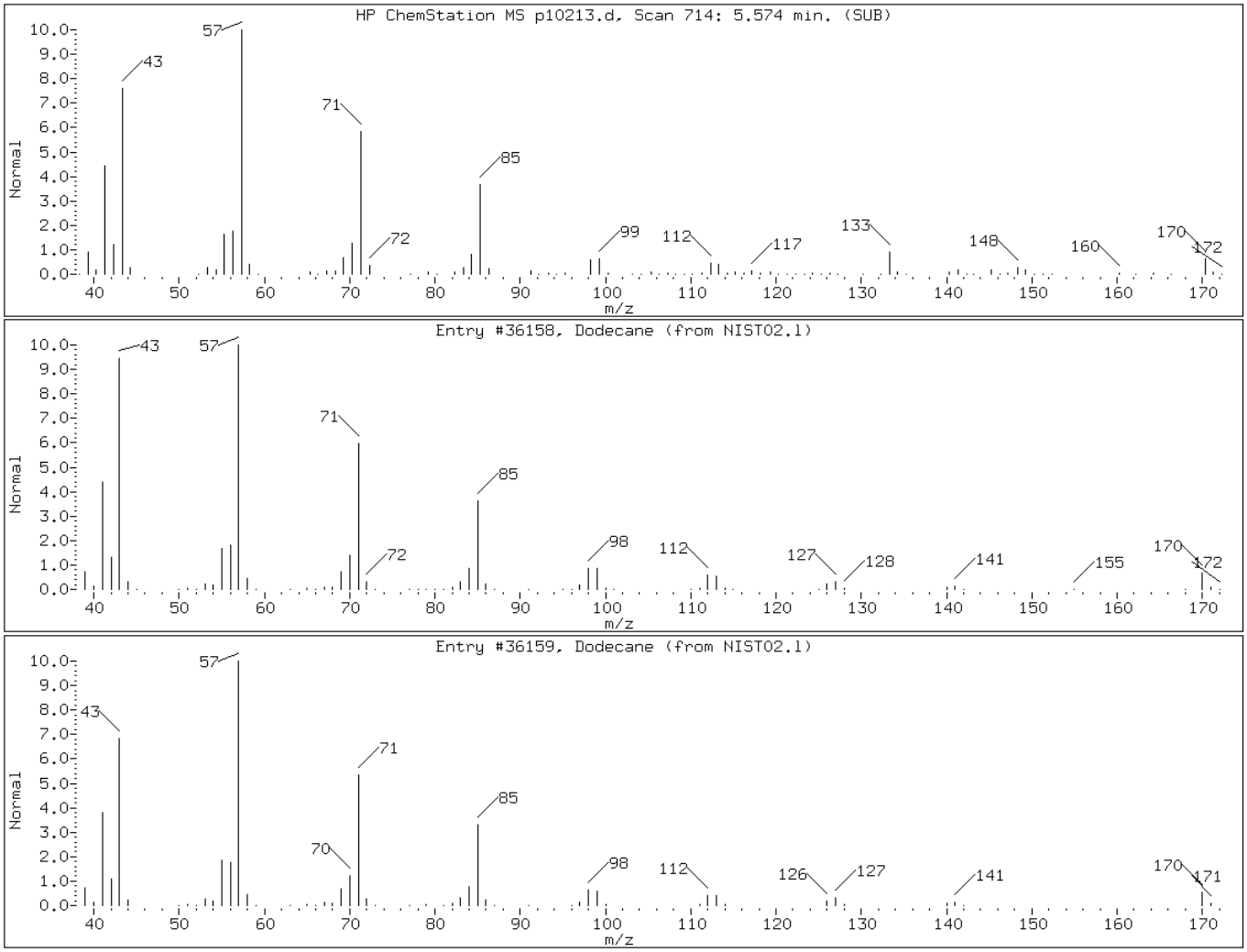
Date: 02-APR-2011 15:34

Client ID: PMP-24-WT-E (6.5-8. Instrument: BNAMS10.i

Sample Info: 460-24280-F-12-C Operator: BNAMS 4

Retention Time: 5.57

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Dodecane	112-40-3	NIST02.l	36158	96	C12H26	170
Dodecane	112-40-3	NIST02.l	36159	94	C12H26	170



Data File: p10213.d

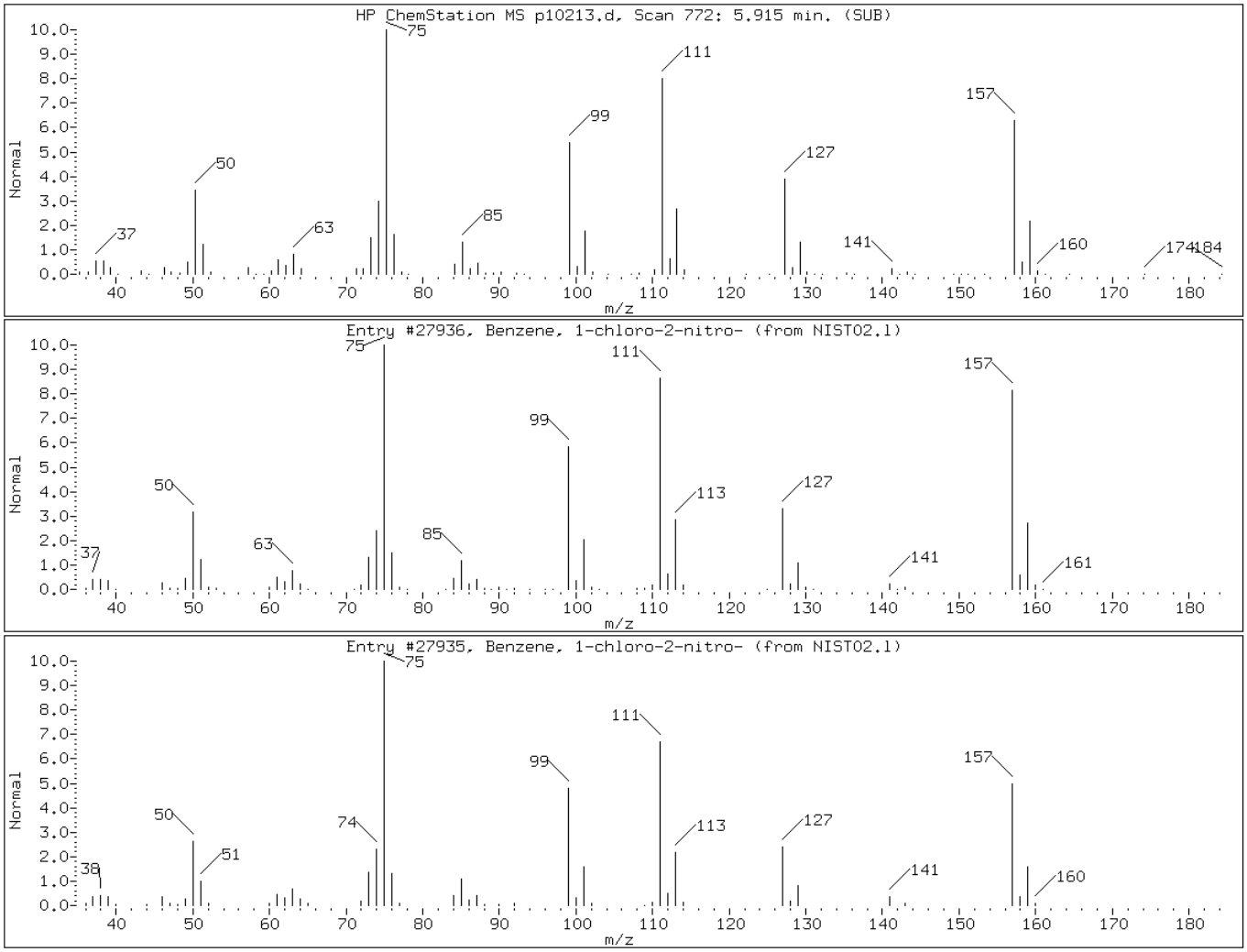
Date: 02-APR-2011 15:34

Client ID: PMP-24-WT-E (6.5-8. Instrument: BNAMS10.i

Sample Info: 460-24280-F-12-C Operator: BNAMS 4

Retention Time: 5.92

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Nitrochlorobenzene isomer						
Benzene, 1-chloro-2-nitro-	88-73-3	NIST02.l	27936	98	C6H4ClNO2	157
Benzene, 1-chloro-2-nitro-	88-73-3	NIST02.l	27935	97	C6H4ClNO2	157



Data File: p10213.d

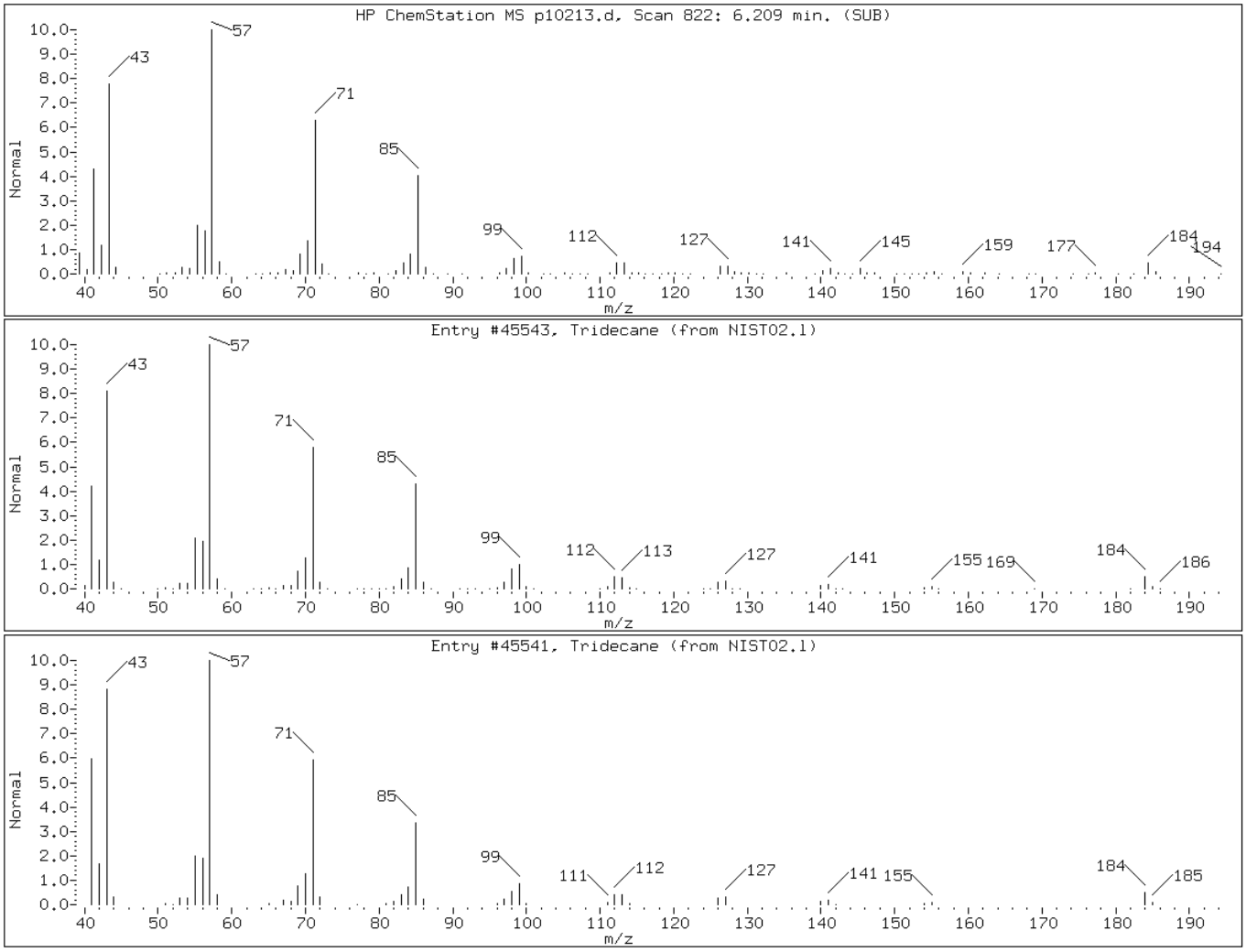
Date: 02-APR-2011 15:34

Client ID: PMP-24-WT-E (6.5-8. Instrument: BNAMS10.i

Sample Info: 460-24280-F-12-C Operator: BNAMS 4

Retention Time: 6.21

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Tridecane	629-50-5	NIST02.l	45543	98	C13H28	184
Tridecane	629-50-5	NIST02.l	45541	96	C13H28	184



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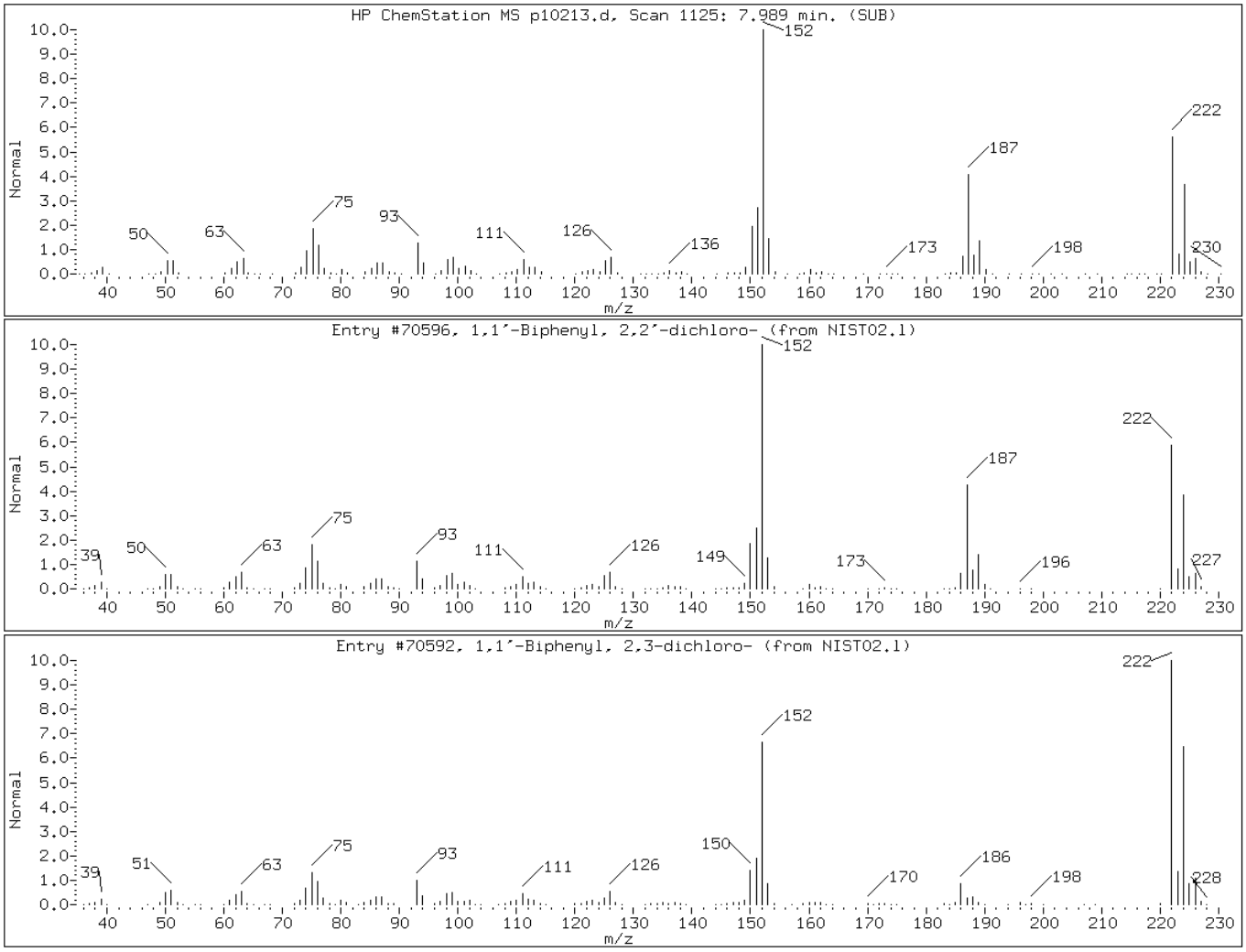
Date: 02-APR-2011 15:34

Client ID: PMP-24-WT-E (6.5-8. Instrument: BNAMS10.i

Sample Info: 460-24280-F-12-C Operator: BNAMS 4

Retention Time: 7.99

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dichloro-1,1-biphenyl isomer-1						
1,1'-Biphenyl, 2,2'-dichloro-	13029-08-8	NIST02.l	70596	99	C12H8Cl2	222
1,1'-Biphenyl, 2,3-dichloro-	16605-91-7	NIST02.l	70592	98	C12H8Cl2	222



Data File: p10213.d

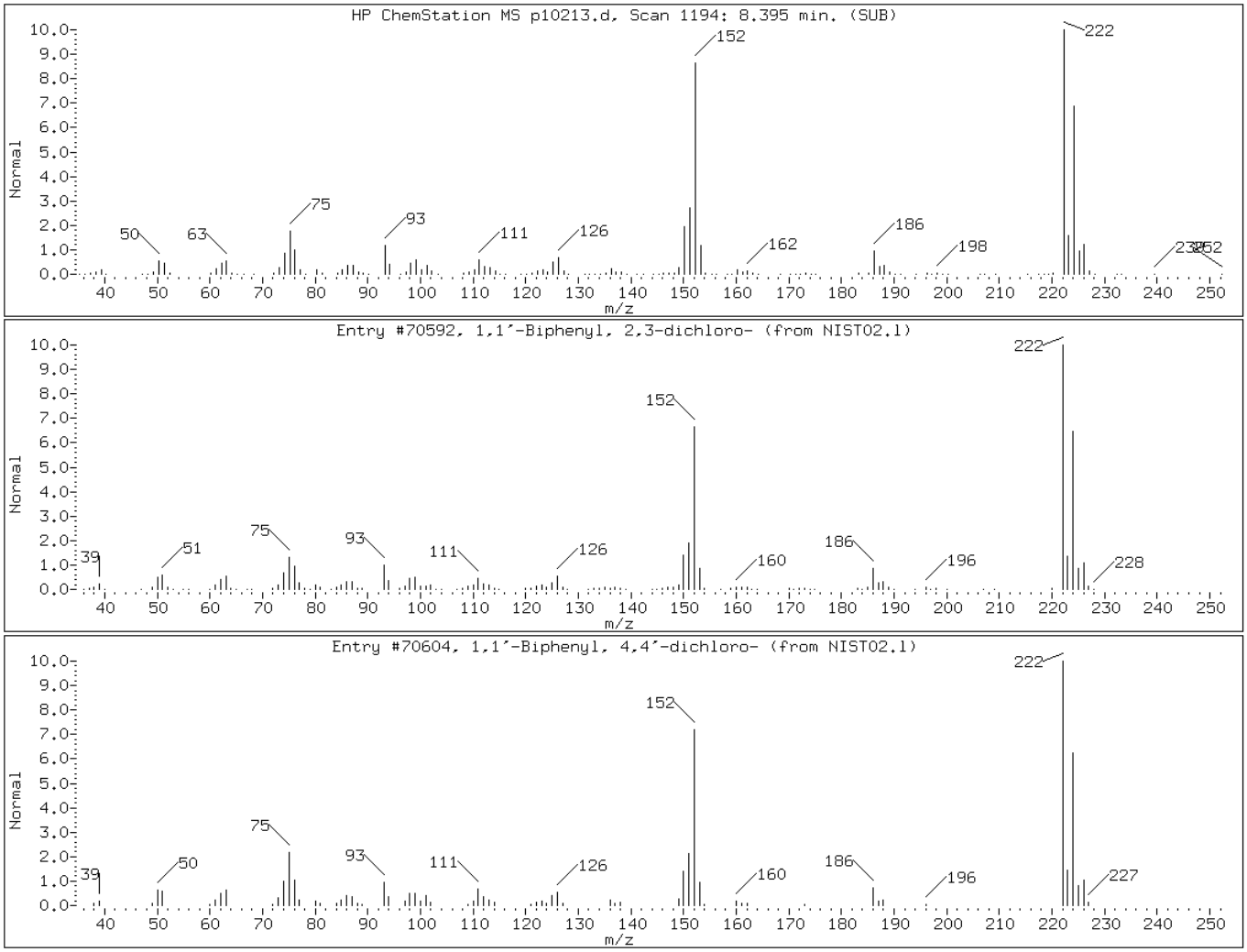
Date: 02-APR-2011 15:34

Client ID: PMP-24-WT-E (6.5-8. Instrument: BNAMS10.i

Sample Info: 460-24280-F-12-C Operator: BNAMS 4

Retention Time: 8.39

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dichloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 2,3-dichloro-	16605-91-7	NIST02.l	70592	99	C12H8Cl2	222
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.l	70604	99	C12H8Cl2	222



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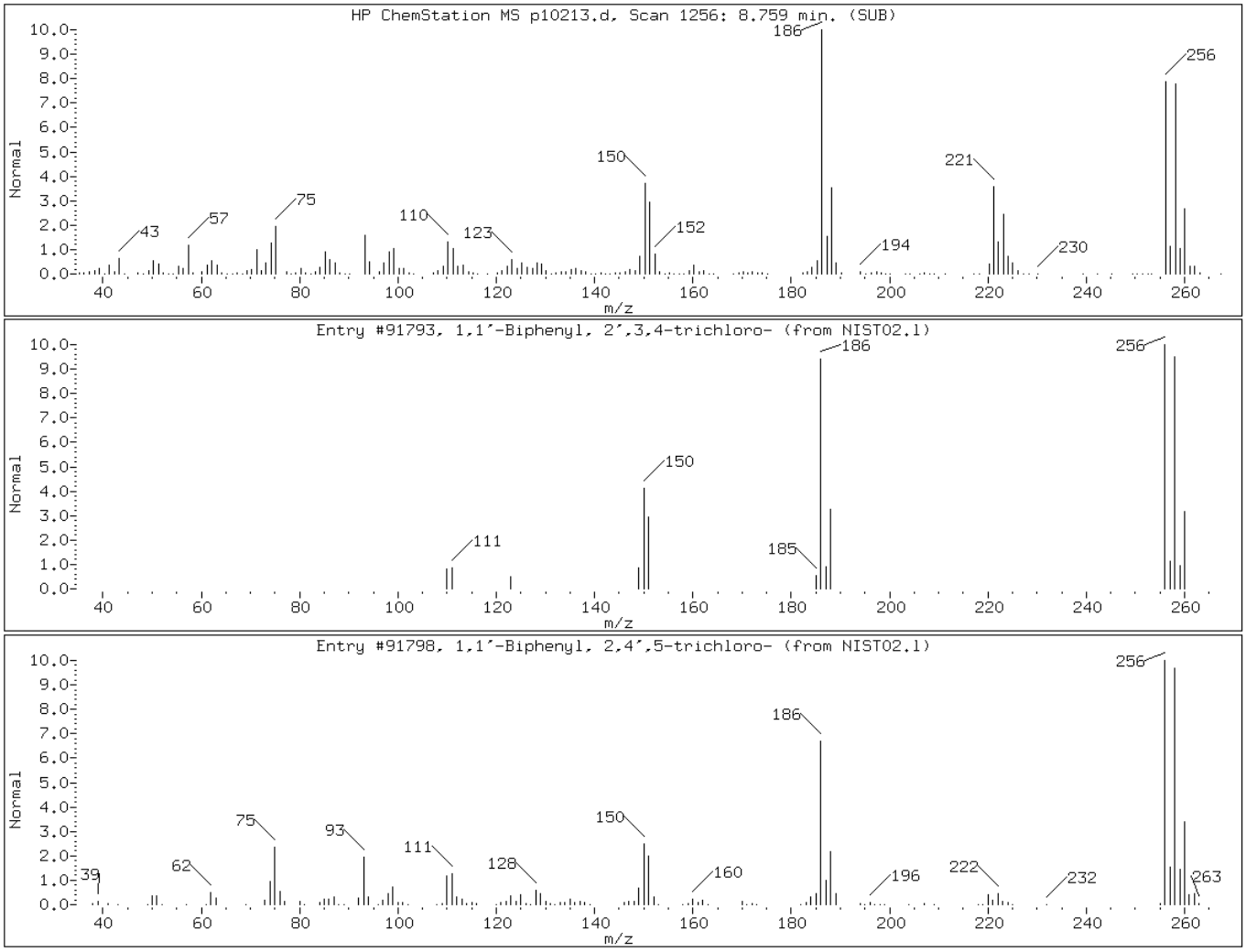
Date: 02-APR-2011 15:34

Client ID: PMP-24-WT-E (6.5-8. Instrument: BNAMS10.i

Sample Info: 460-24280-F-12-C Operator: BNAMS 4

Retention Time: 8.76

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	91798	98	C12H7Cl3	256



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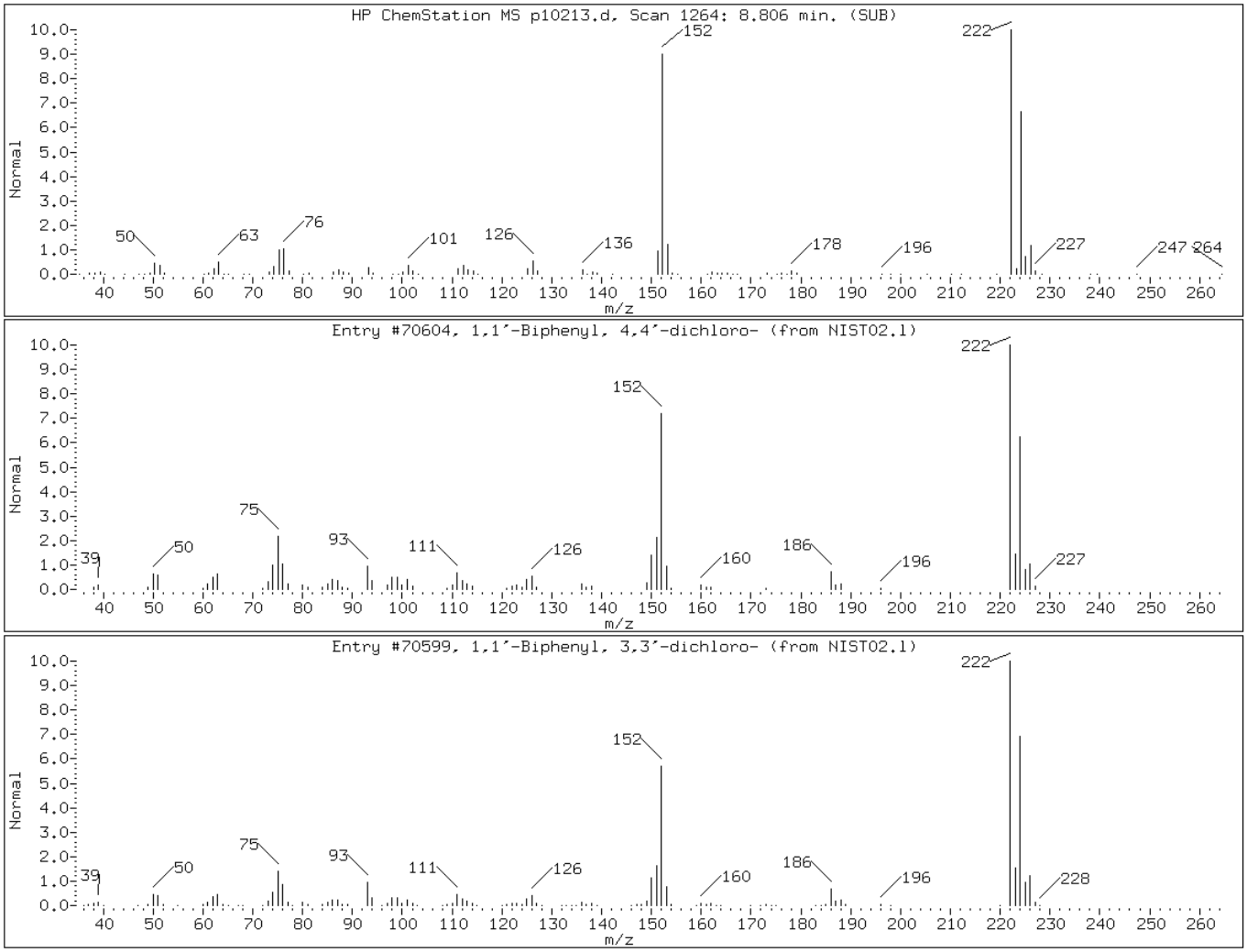
Date: 02-APR-2011 15:34

Client ID: PMP-24-WT-E (6.5-8. Instrument: BNAMS10.i

Sample Info: 460-24280-F-12-C Operator: BNAMS 4

Retention Time: 8.81

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dichloro-1,1-biphenyl isomer-5						
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.l	70604	91	C12H8Cl2	222
1,1'-Biphenyl, 3,3'-dichloro-	2050-67-1	NIST02.l	70599	91	C12H8Cl2	222



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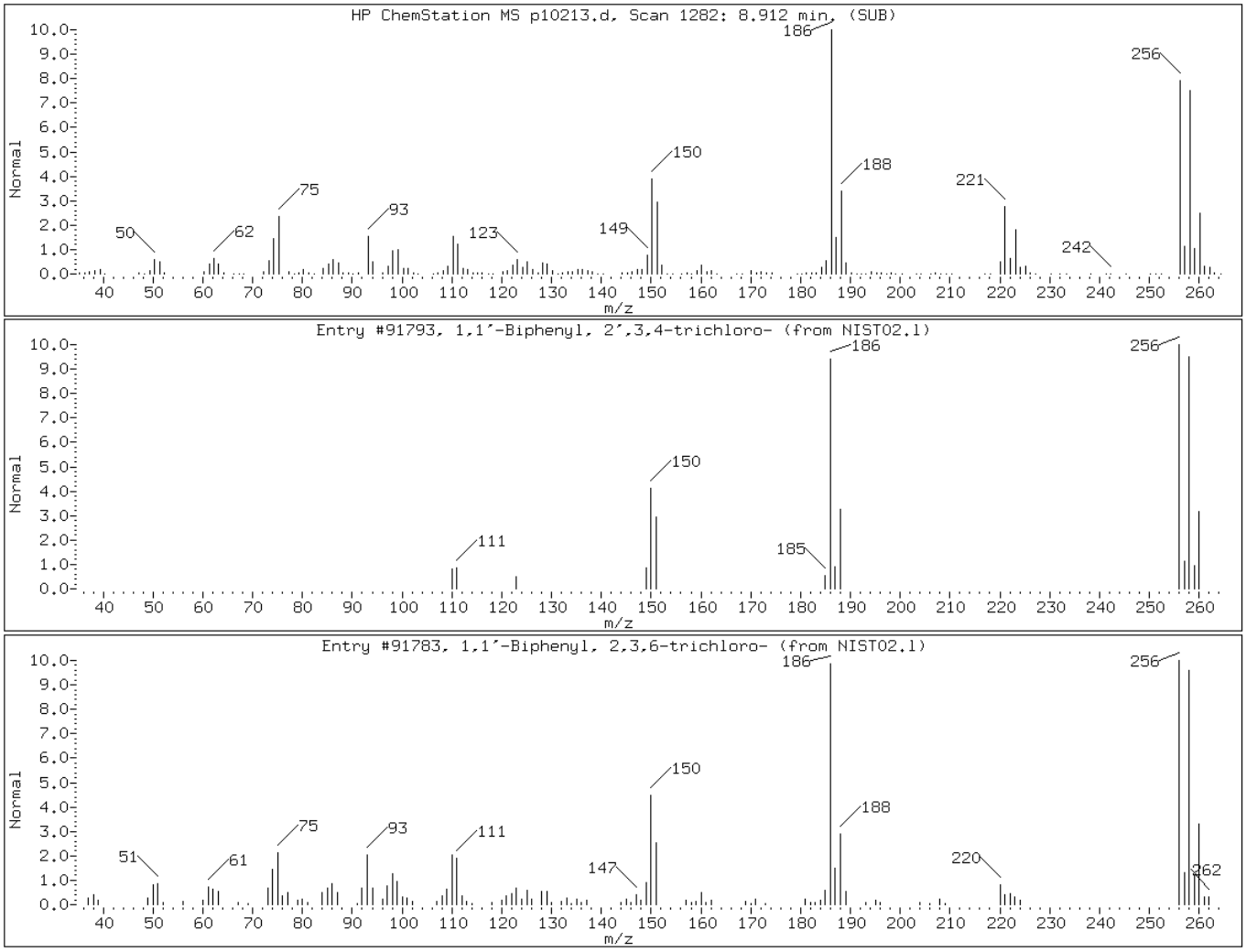
Date: 02-APR-2011 15:34

Client ID: PMP-24-WT-E (6.5-8. Instrument: BNAMS10.i

Sample Info: 460-24280-F-12-C Operator: BNAMS 4

Retention Time: 8.91

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	98	C12H7Cl3	256
1,1'-Biphenyl, 2,3,6-trichloro-	55702-45-9	NIST02.l	91783	98	C12H7Cl3	256



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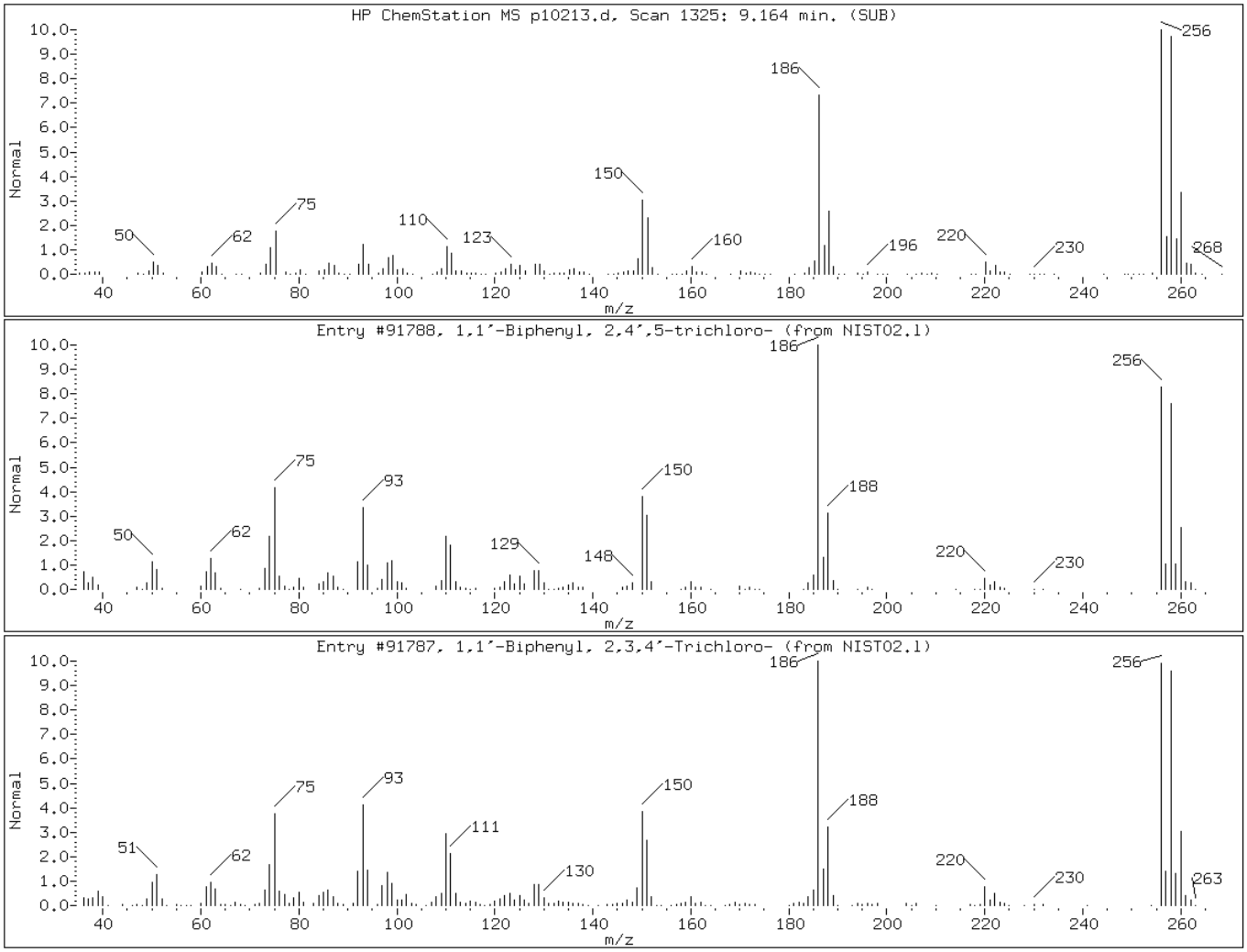
Date: 02-APR-2011 15:34

Client ID: PMP-24-WT-E (6.5-8. Instrument: BNAMS10.i

Sample Info: 460-24280-F-12-C Operator: BNAMS 4

Retention Time: 9.16

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 2,4',5-trichloro-	16606-02-3	NIST02.l	91788	99	C12H7Cl3	256
1,1'-Biphenyl, 2,3,4'-Trichloro-	38444-85-8	NIST02.l	91787	98	C12H7Cl3	256



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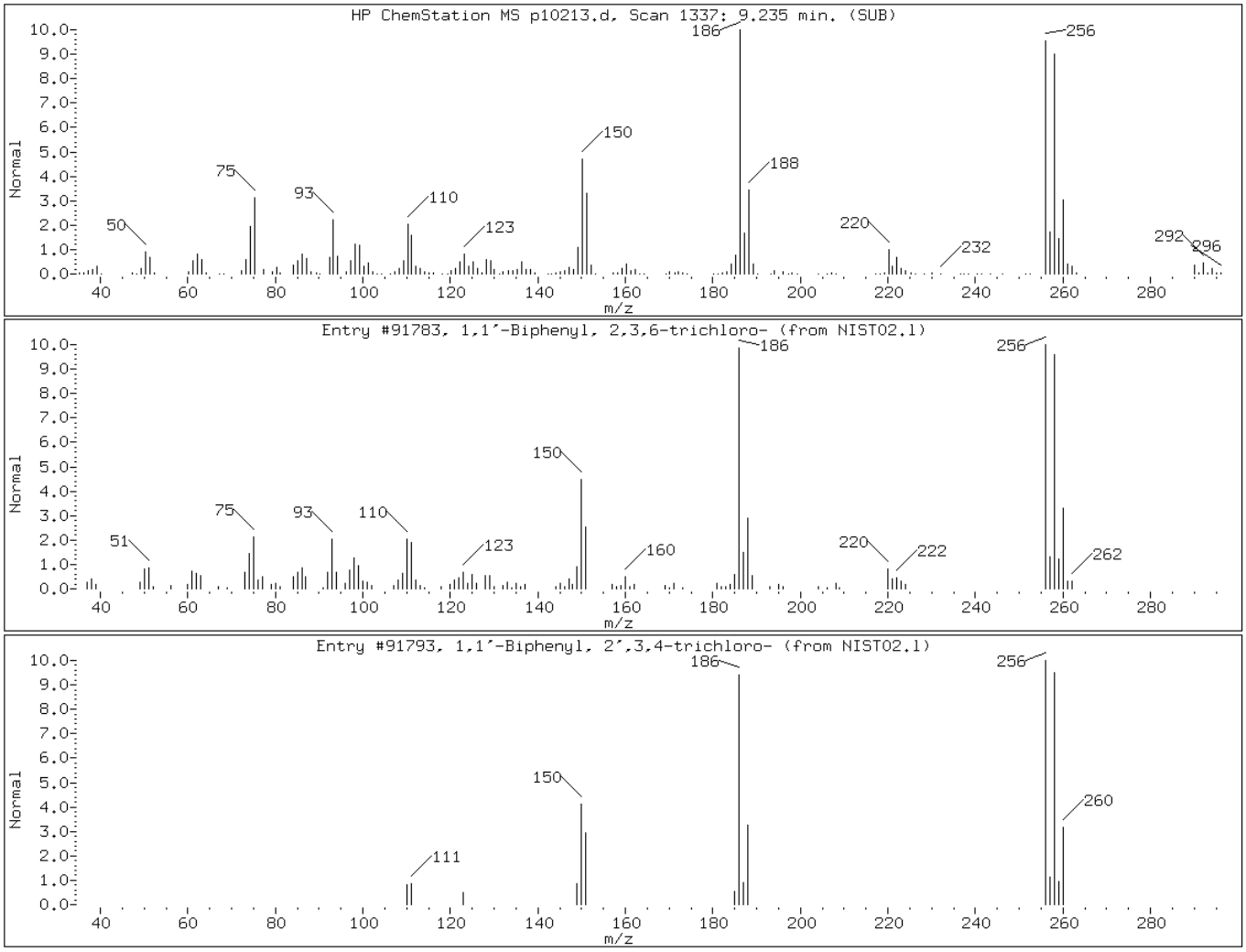
Date: 02-APR-2011 15:34

Client ID: PMP-24-WT-E (6.5-8. Instrument: BNAMS10.i

Sample Info: 460-24280-F-12-C Operator: BNAMS 4

Retention Time: 9.23

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	99	C12H7Cl3	256
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	98	C12H7Cl3	256



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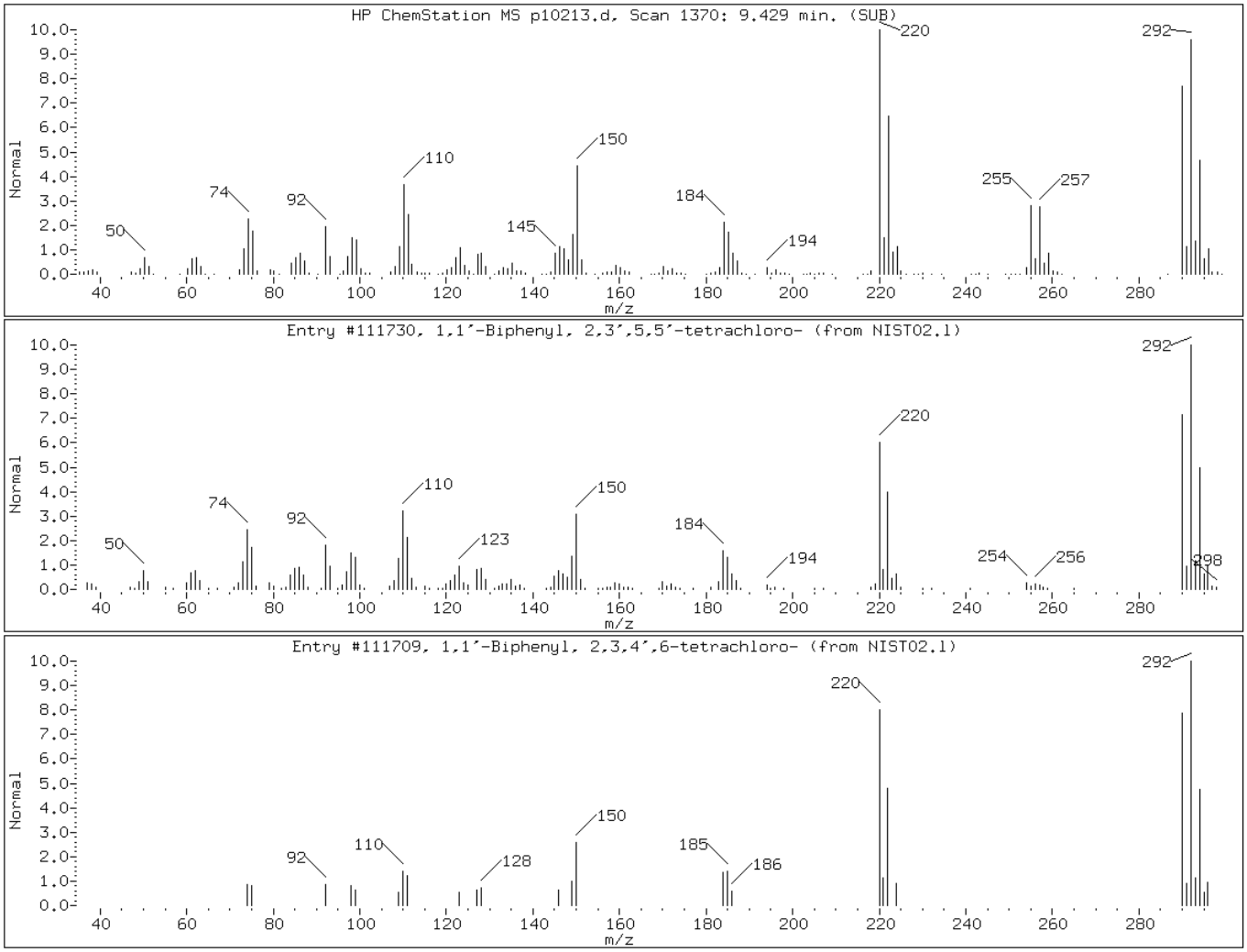
Date: 02-APR-2011 15:34

Client ID: PMP-24-WT-E (6.5-8. Instrument: BNAMS10.i

Sample Info: 460-24280-F-12-C Operator: BNAMS 4

Retention Time: 9.43

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	111730	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	99	C12H6Cl4	290



Data File: p10213.d

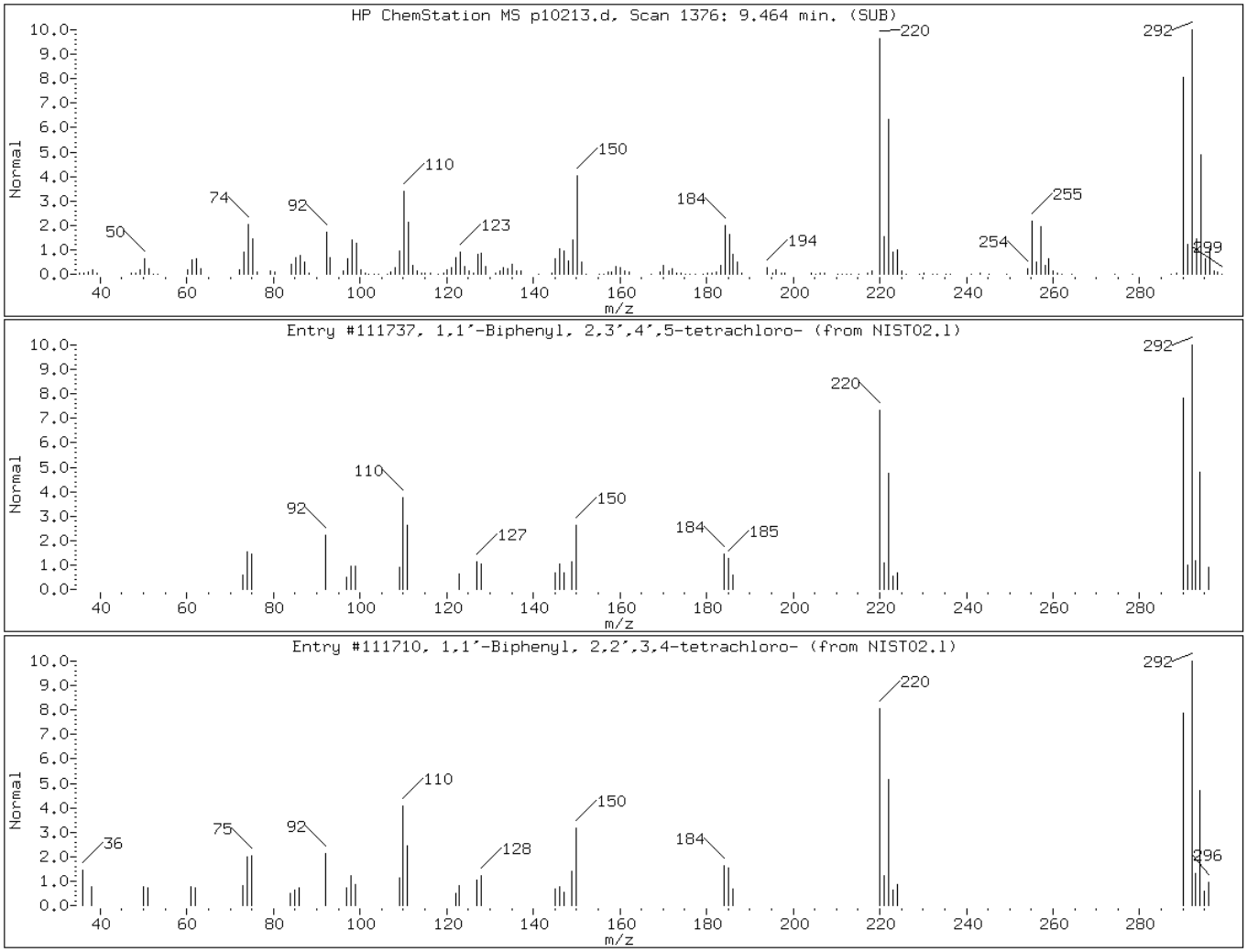
Date: 02-APR-2011 15:34

Client ID: PMP-24-WT-E (6.5-8. Instrument: BNAMS10.i

Sample Info: 460-24280-F-12-C Operator: BNAMS 4

Retention Time: 9.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-2						
1,1'-Biphenyl, 2,3',4',5-tetrachlo	32598-11-1	NIST02.l	111737	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',3,4-tetrachlor	52663-59-9	NIST02.l	111710	99	C12H6Cl4	290



Data File: p10213.d

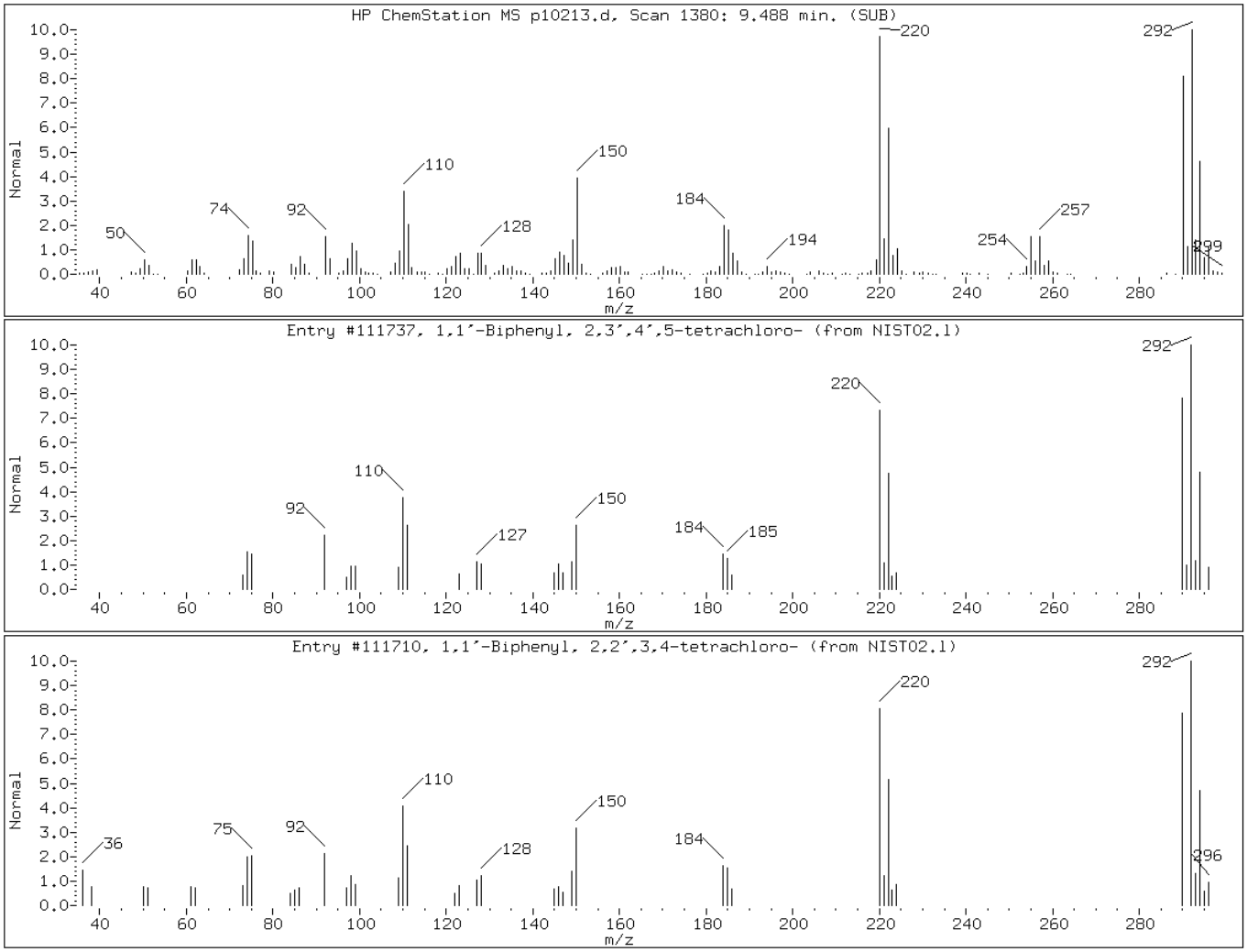
Date: 02-APR-2011 15:34

Client ID: PMP-24-WT-E (6.5-8. Instrument: BNAMS10.i

Sample Info: 460-24280-F-12-C Operator: BNAMS 4

Retention Time: 9.49

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	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',3,4-tetrachlor	52663-59-9	NIST02.l	111710	99	C12H6Cl4	290



Data File: p10213.d

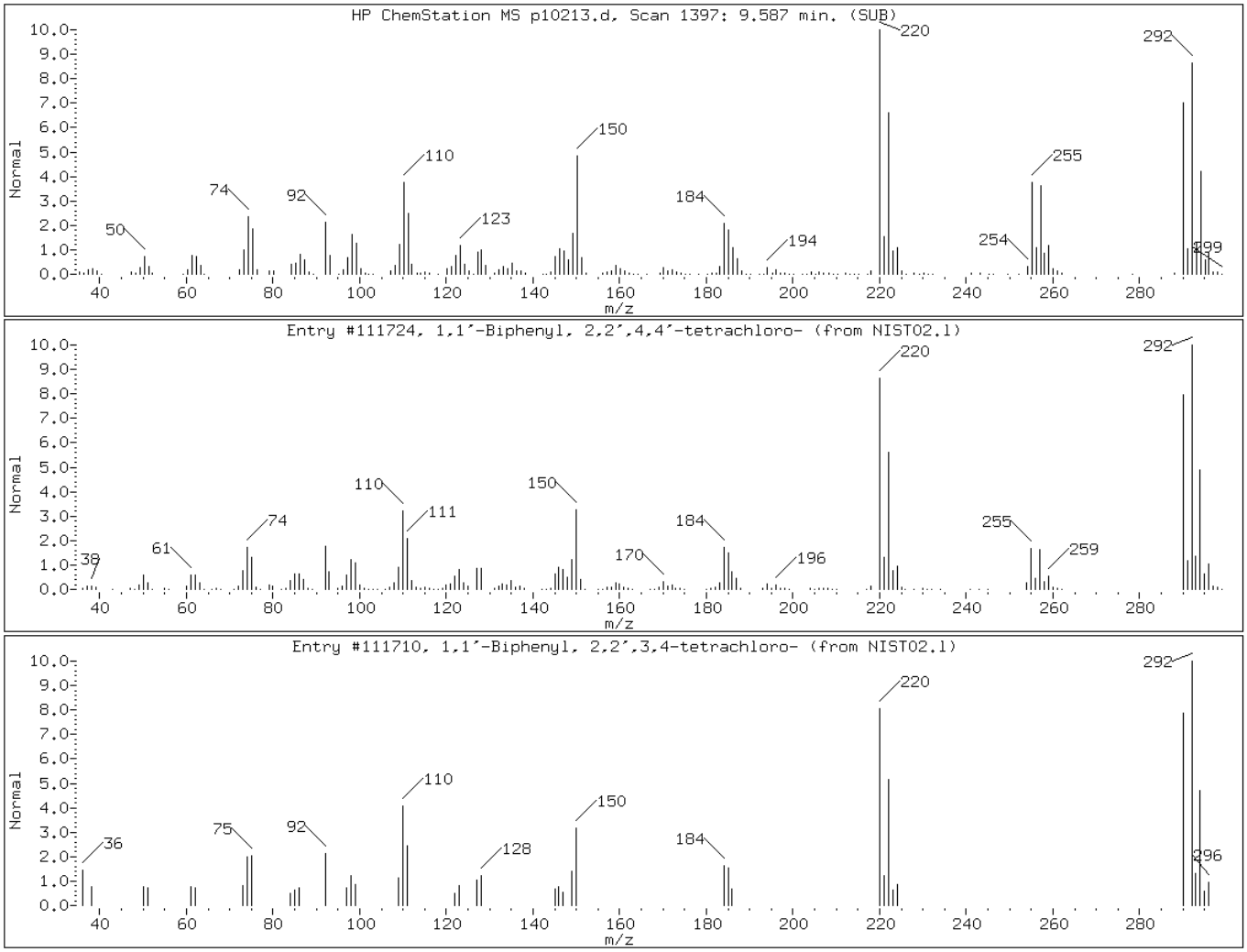
Date: 02-APR-2011 15:34

Client ID: PMP-24-WT-E (6.5-8. Instrument: BNAMS10.i

Sample Info: 460-24280-F-12-C Operator: BNAMS 4

Retention Time: 9.59

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-4						
1,1'-Biphenyl, 2,2',4,4'-tetrachlo	2437-79-8	NIST02.l	111724	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',3,4-tetrachlor	52663-59-9	NIST02.l	111710	99	C12H6Cl4	290



Data File: p10213.d

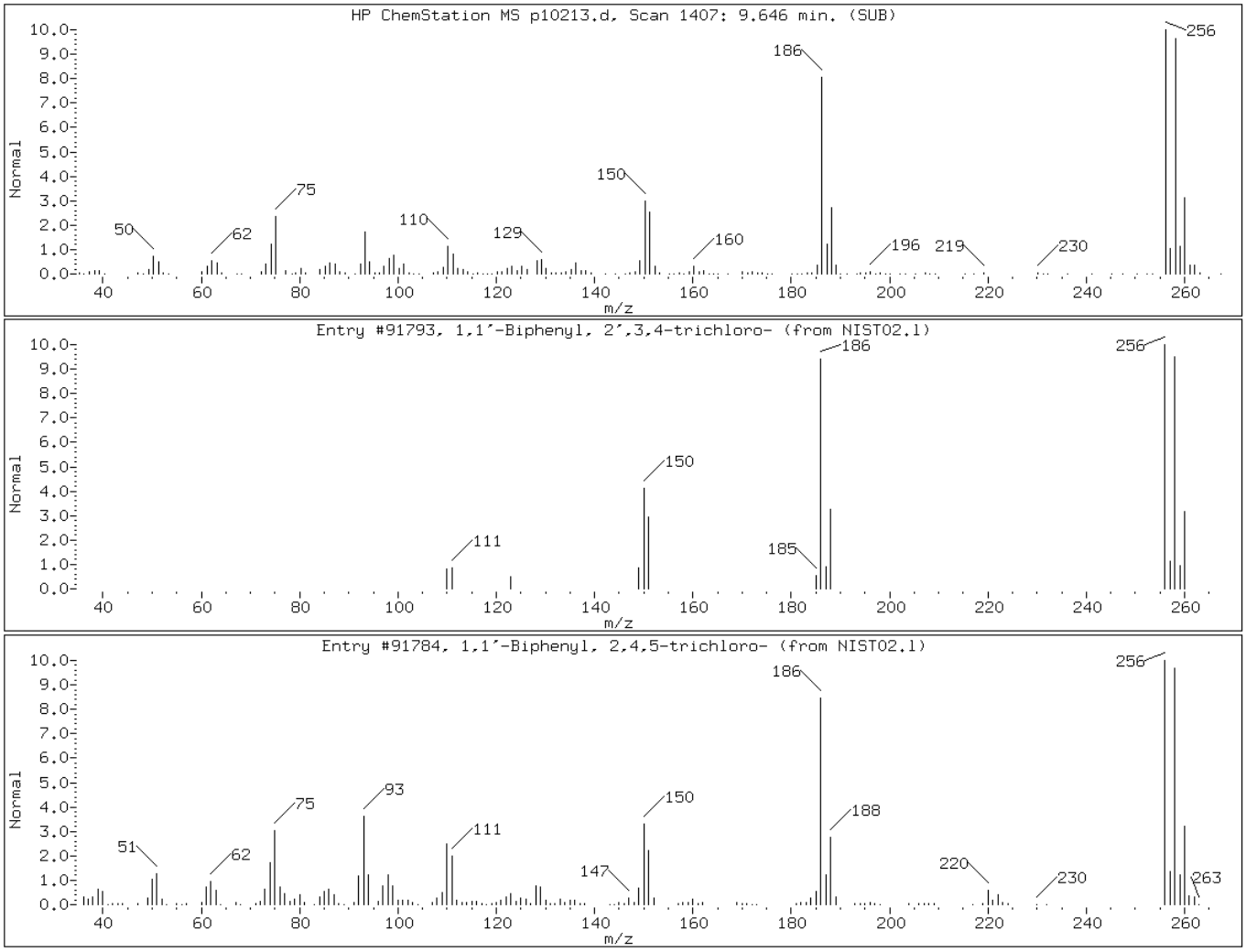
Date: 02-APR-2011 15:34

Client ID: PMP-24-WT-E (6.5-8. Instrument: BNAMS10.i

Sample Info: 460-24280-F-12-C Operator: BNAMS 4

Retention Time: 9.65

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloro-1,1-biphenyl isomer-7						
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	97	C12H7Cl3	256
1,1'-Biphenyl, 2,4,5-trichloro-	15862-07-4	NIST02.l	91784	96	C12H7Cl3	256



Data File: p10213.d

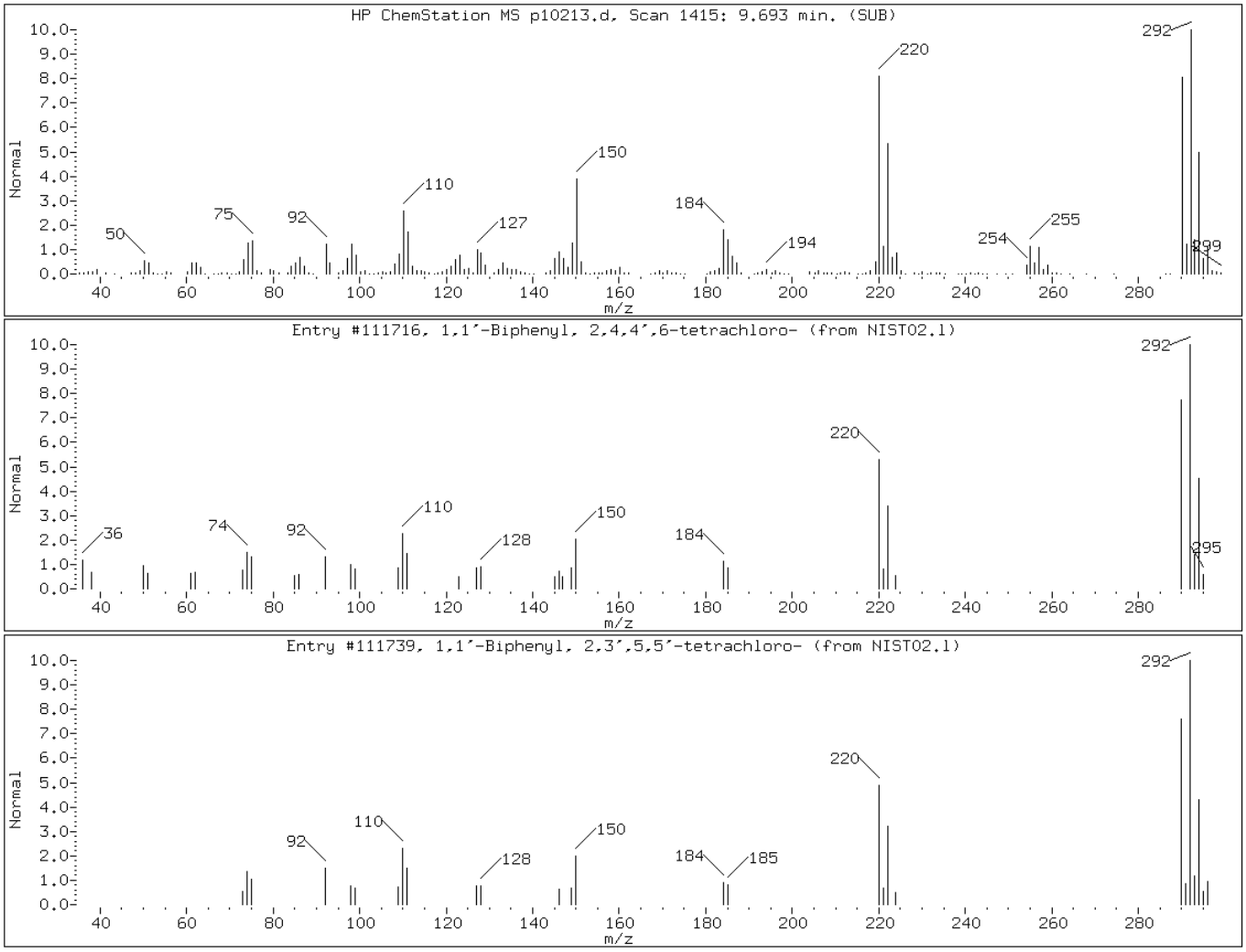
Date: 02-APR-2011 15:34

Client ID: PMP-24-WT-E (6.5-8. Instrument: BNAMS10.i

Sample Info: 460-24280-F-12-C Operator: BNAMS 4

Retention Time: 9.69

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-5						
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: p10213.d

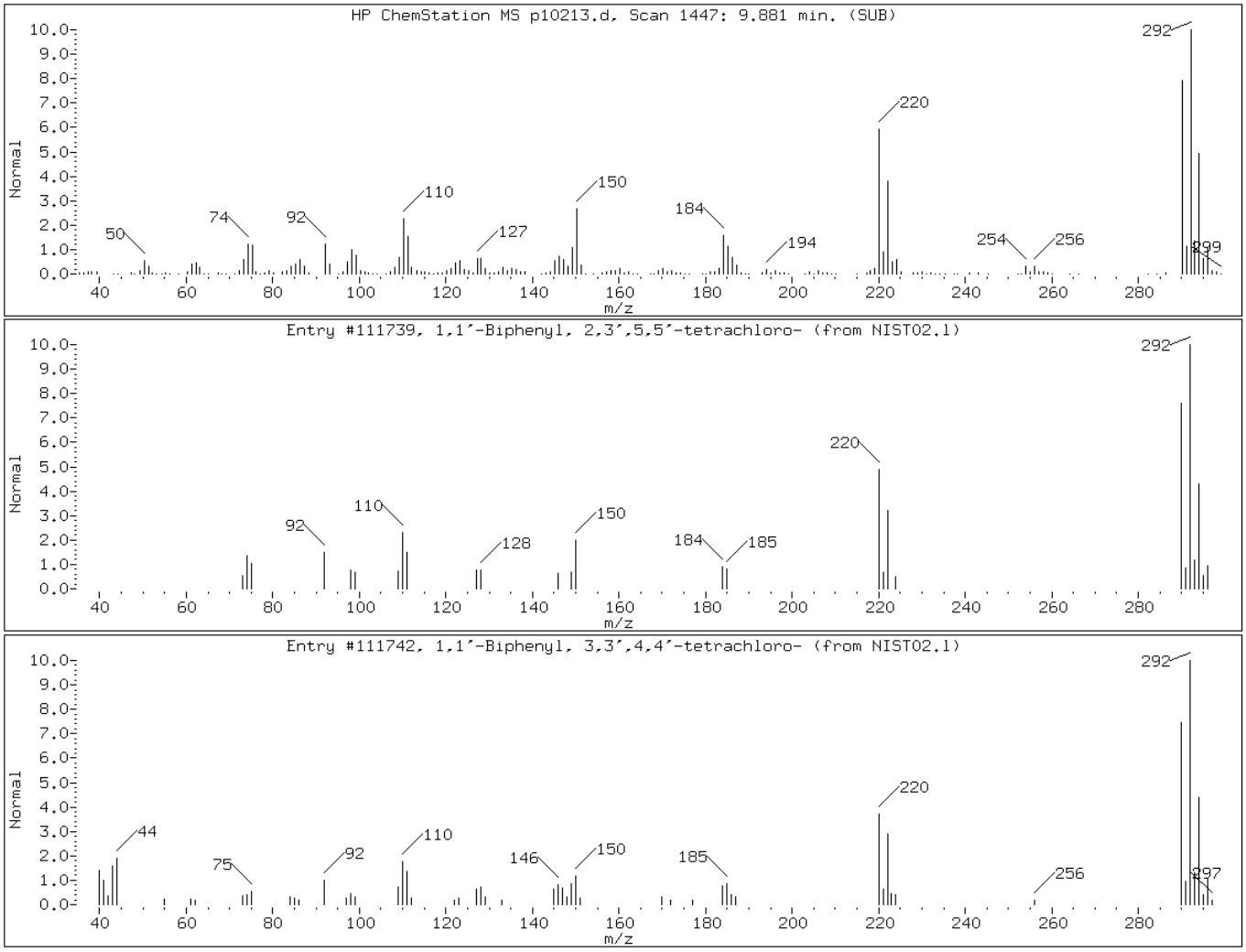
Date: 02-APR-2011 15:34

Client ID: PMP-24-WT-E (6.5-8. Instrument: BNAMS10.i

Sample Info: 460-24280-F-12-C Operator: BNAMS 4

Retention Time: 9.88

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	111739	99	C12H6Cl4	290
1,1'-Biphenyl, 3,3',4,4'-tetrachlo	32598-13-3	NIST02.l	111742	99	C12H6Cl4	290



Data File: p10213.d

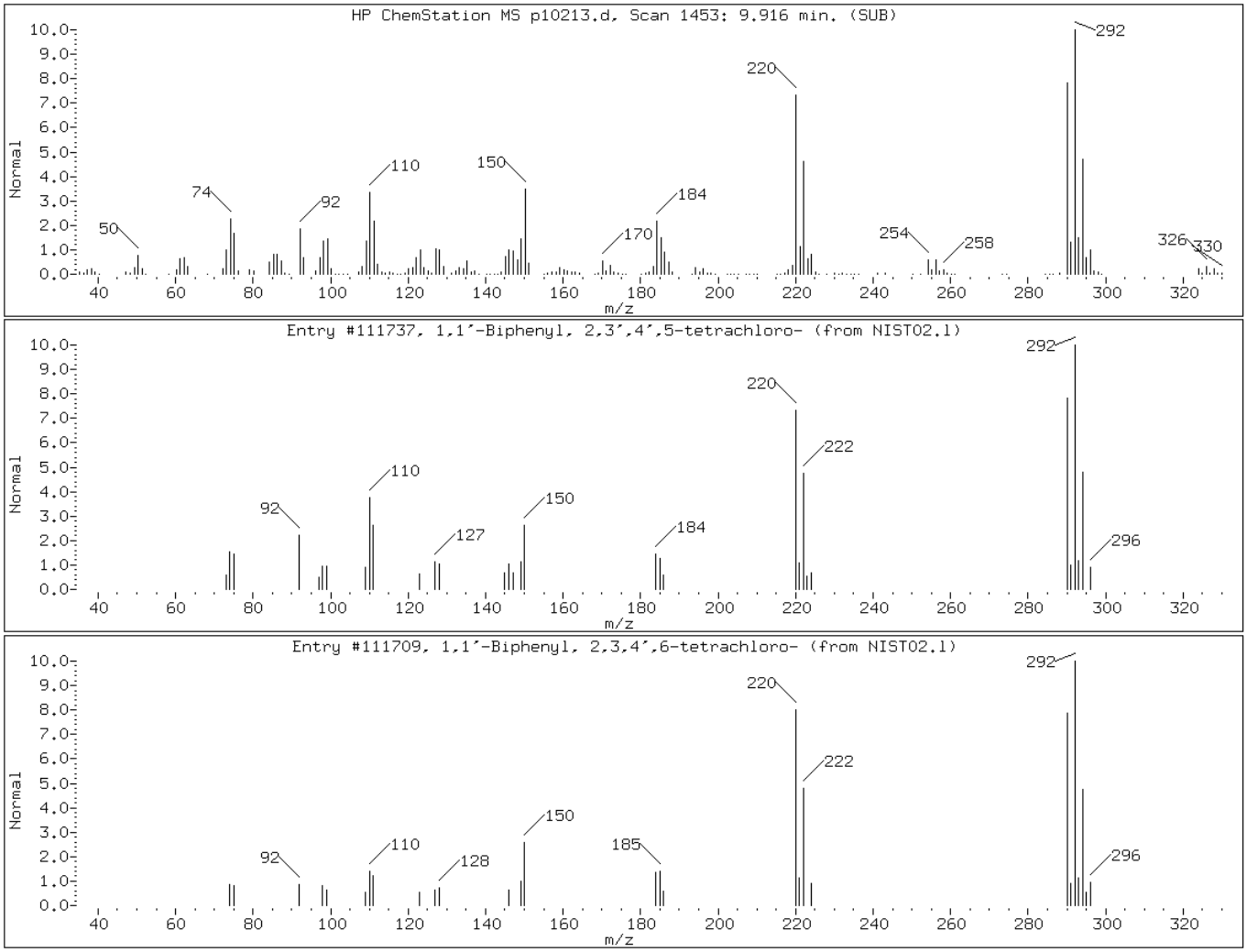
Date: 02-APR-2011 15:34

Client ID: PMP-24-WT-E (6.5-8. Instrument: BNAMS10.i

Sample Info: 460-24280-F-12-C Operator: BNAMS 4

Retention Time: 9.92

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, 2,3,4',6-tetrachlor	52663-58-8	NIST02.l	111709	99	C12H6Cl4	290



Data File: p10213.d

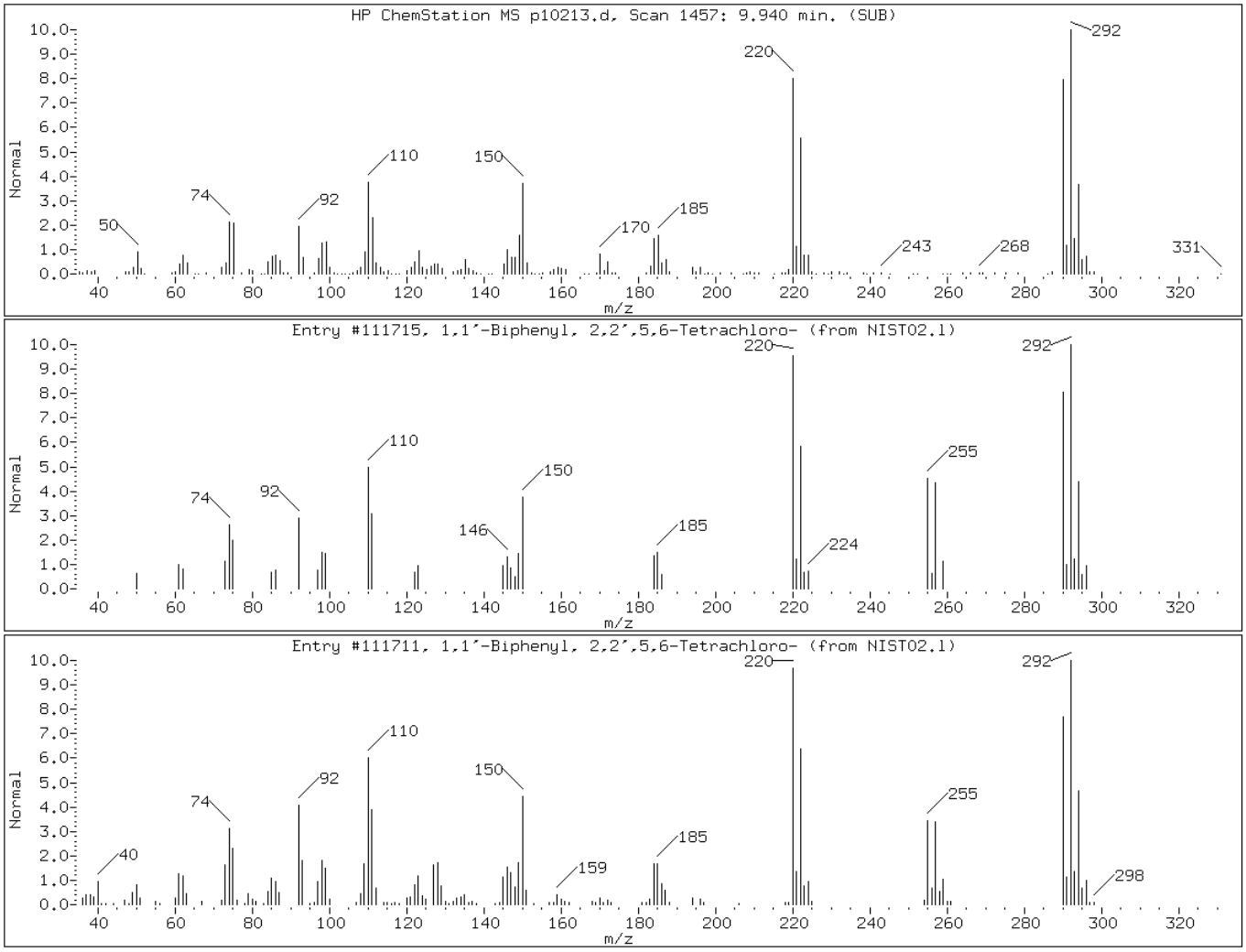
Date: 02-APR-2011 15:34

Client ID: PMP-24-WT-E (6.5-8. Instrument: BNAMS10.i

Sample Info: 460-24280-F-12-C Operator: BNAMS 4

Retention Time: 9.94

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-8						
1,1'-Biphenyl, 2,2',5,6-Tetrachlor	41464-41-9	NIST02.l	111715	99	C12H6Cl4	290
1,1'-Biphenyl, 2,2',5,6-Tetrachlor	41464-41-9	NIST02.l	111711	98	C12H6Cl4	290



Data File: p10213.d

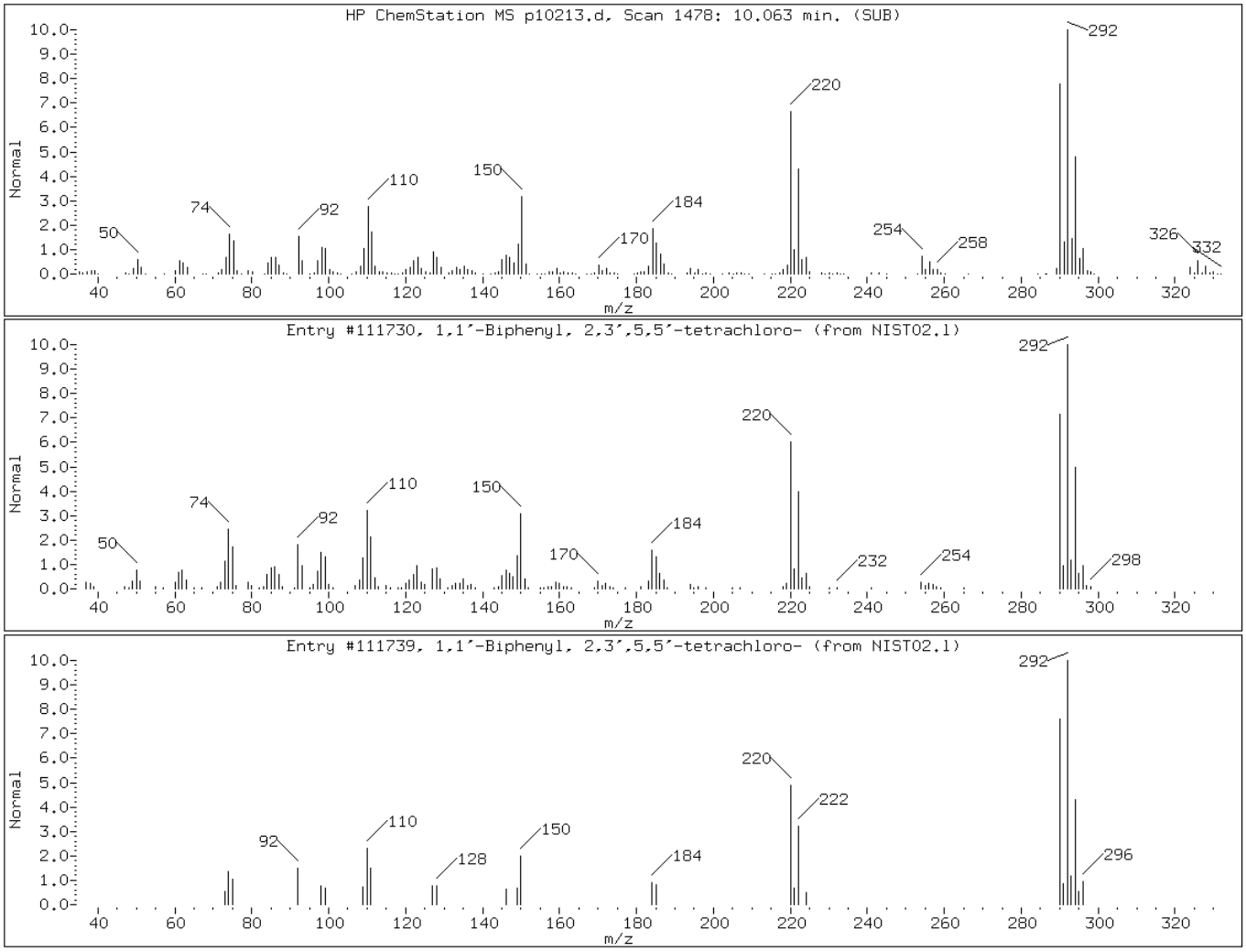
Date: 02-APR-2011 15:34

Client ID: PMP-24-WT-E (6.5-8. Instrument: BNAMS10.i

Sample Info: 460-24280-F-12-C Operator: BNAMS 4

Retention Time: 10.06

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Tetrachloro-1,1-biphenyl isomer-9						
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111730	99	C12H6Cl4	290
1,1'-Biphenyl, 2,3',5,5'-tetrachlo	41464-42-0	NIST02.l	111739	99	C12H6Cl4	290



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-SI-E (10.5-12.5) | Lab Sample ID: 460-24280-13

Matrix: Solid | Lab File ID: u66429.d

Analysis Method: 8270C | Date Collected: 03/17/2011 10:40

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.04(g) | Date Analyzed: 04/02/2011 21:45

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69439 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	770	U	770	94
95-57-8	2-Chlorophenol	770	U	770	100
95-48-7	2-Methylphenol	770	U	770	110
106-44-5	4-Methylphenol	770	U	770	130
100-52-7	Benzaldehyde	770	U	770	48
98-86-2	Acetophenone	770	U	770	110
111-44-4	Bis(2-chloroethyl)ether	77	U	77	16
108-60-1	2,2'-oxybis[1-chloropropane]	770	U	770	100
621-64-7	N-Nitrosodi-n-propylamine	77	U	77	10
98-95-3	Nitrobenzene	77	U	77	17
67-72-1	Hexachloroethane	77	U	77	13
78-59-1	Isophorone	770	U	770	88
88-75-5	2-Nitrophenol	770	U	770	130
105-67-9	2,4-Dimethylphenol	770	U	770	120
120-83-2	2,4-Dichlorophenol	770	U	770	120
111-91-1	Bis(2-chloroethoxy)methane	770	U	770	110
91-20-3	Naphthalene	1900		770	110
106-47-8	4-Chloroaniline	770	U	770	97
87-68-3	Hexachlorobutadiene	160	U	160	31
105-60-2	Caprolactam	770	U	770	110
59-50-7	4-Chloro-3-methylphenol	770	U	770	130
91-57-6	2-Methylnaphthalene	9600		770	110
118-74-1	Hexachlorobenzene	77	U	77	11
77-47-4	Hexachlorocyclopentadiene	770	U	770	220
88-06-2	2,4,6-Trichlorophenol	770	U	770	140
95-95-4	2,4,5-Trichlorophenol	770	U	770	150
92-52-4	Diphenyl	690	J	770	130
91-58-7	2-Chloronaphthalene	770	U	770	110
88-74-4	2-Nitroaniline	1600	U	1600	210
606-20-2	2,6-Dinitrotoluene	160	U	160	20
131-11-3	Dimethyl phthalate	770	U	770	100
208-96-8	Acenaphthylene	770	U	770	110
99-09-2	3-Nitroaniline	1600	U	1600	170
83-32-9	Acenaphthene	450	J	770	110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-SI-E (10.5-12.5) | Lab Sample ID: 460-24280-13

Matrix: Solid | Lab File ID: u66429.d

Analysis Method: 8270C | Date Collected: 03/17/2011 10:40

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.04(g) | Date Analyzed: 04/02/2011 21:45

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69439 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	2300	U	2300	200
51-28-5	2,4-Dinitrophenol	2300	U	2300	160
132-64-9	Dibenzofuran	770	U	770	120
84-66-2	Diethyl phthalate	770	U	770	100
86-73-7	Fluorene	880		770	130
206-44-0	Fluoranthene	770	U	770	130
84-74-2	Di-n-butyl phthalate	770	U	770	120
121-14-2	2,4-Dinitrotoluene	160	U	160	22
7005-72-3	4-Chlorophenyl phenyl ether	770	U	770	130
100-01-6	4-Nitroaniline	1600	U	1600	160
534-52-1	4,6-Dinitro-2-methylphenol	2300	U	2300	370
101-55-3	4-Bromophenyl phenyl ether	770	U	770	140
1912-24-9	Atrazine	770	U	770	140
120-12-7	Anthracene	770	U	770	140
86-74-8	Carbazole	770	U	770	120
85-01-8	Phenanthrene	1400		770	130
87-86-5	Pentachlorophenol	2300	U	2300	380
129-00-0	Pyrene	770	U	770	130
218-01-9	Chrysene	770	U	770	110
207-08-9	Benzo[k]fluoranthene	77	U	77	11
191-24-2	Benzo[g,h,i]perylene	770	U	770	81
205-99-2	Benzo[b]fluoranthene	77	U	77	11
50-32-8	Benzo[a]pyrene	77	U	77	9.4
56-55-3	Benzo[a]anthracene	77	U	77	14
86-30-6	N-Nitrosodiphenylamine	770	U	770	130
85-68-7	Butyl benzyl phthalate	770	U	770	90
117-81-7	Bis(2-ethylhexyl) phthalate	770	U	770	100
117-84-0	Di-n-octyl phthalate	770	U	770	91
193-39-5	Indeno[1,2,3-cd]pyrene	77	U	77	12
53-70-3	Dibenz(a,h)anthracene	77	U	77	9.2
91-94-1	3,3'-Dichlorobenzidine	1600	U	1600	170
95-94-3	1,2,4,5-Tetrachlorobenzene	770	U	770	100
58-90-2	2,3,4,6-Tetrachlorophenol	770	U	770	150

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-SI-E (10.5-12.5) Lab Sample ID: 460-24280-13

Matrix: Solid Lab File ID: u66429.d

Analysis Method: 8270C Date Collected: 03/17/2011 10:40

Extract. Method: 3541 Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.04(g) Date Analyzed: 04/02/2011 21:45

Con. Extract Vol.: 1(mL) Dilution Factor: 2

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 14.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69439 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	110	X	38-105
4165-62-2	Phenol-d5	75		41-118
1718-51-0	Terphenyl-d14	85		16-151
118-79-6	2,4,6-Tribromophenol	77		10-120
367-12-4	2-Fluorophenol	70		37-125
321-60-8	2-Fluorobiphenyl	97		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-SI-E (10.5-12.5) | Lab Sample ID: 460-24280-13

Matrix: Solid | Lab File ID: u66429.d

Analysis Method: 8270C | Date Collected: 03/17/2011 10:40

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.04(g) | Date Analyzed: 04/02/2011 21:45

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69439 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 249300

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	5.01	8400	J
	Unknown Alkane-2	5.78	10000	J
	Unknown Alkane-3	6.14	8800	J
	Unknown Alkane-4	6.32	13000	J
90-12-0	1-Methylnaphthalene	6.50	7000	
	Unknown-1	6.61	6600	J
	Unknown Alkane-6	6.75	9200	J
	Unknown Alkane-7	6.90	20000	J
575-41-7	1,3-Dimethylnaphthalene	7.11	11000	
	Unknown Alkane-9	7.21	16000	J
	Unknown Alkane-10	7.42	15000	J
	Unknown Alkane-11	7.91	12000	J
	Unknown Alkane-12	8.12	11000	J
	Unknown Alkane-13	8.40	25000	J
	Dichloro-1,1-biphenyl isomer	8.50	8100	J
593-45-3	n-Octadecane	8.82	23000	E
	Trichloro-1,1-biphenyl isomer-1	8.84	15000	J
	Unknown Alkane-14	9.23	10000	J
	Trichloro-1,1-biphenyl isomer-3	9.27	13000	J
	Trichloro-1,1-biphenyl isomer-4	9.34	7200	J

Data File: /chem/BNAMS4.i/8270T/04-02-11/02apr11a.b/u66429.d
Report Date: 05-Apr-2011 10:52

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/04-02-11/02apr11a.b/u66429.d
Lab Smp Id: 460-24280-F-13-C Client Smp ID: PMP-24-SI-E (10.5-1
Inj Date : 02-APR-2011 21:45
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-24280-F-13-C
Misc Info : 460-24280-F-13-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/04-02-11/02apr11a.b/8270C_08SP.m
Meth Date : 05-Apr-2011 10:49 rusin Quant Type: ISTD
Cal Date : 02-APR-2011 11:46 Cal File: u66408.d
Als bottle: 15
Dil Factor: 2.00000
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	2.00000	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	14.07703	% 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	3.096	(0.706)	372621	34.7695	5400
$ 17 Phenol-d5 (SUR)	99	4.011	4.037	(0.914)	463676	37.4122	5800
113 n-decane	43	4.234	4.242	(0.965)	215124	21.8298	3400
* 79 1,4-Dichlorobenzene-d4	152	4.390	4.396	(1.000)	204070	40.0000	
23 1,2-Dichlorobenzene	146	4.560	4.572	(1.039)	3760	0.53099	82(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.948	4.965	(0.872)	176429	27.6078	4300(R)
30 1,2,4-Trichlorobenzene	180	5.623	5.634	(0.991)	61026	12.9803	2000
* 80 Naphthalene-d8	136	5.675	5.686	(1.000)	577025	40.0000	
31 Naphthalene	128	5.704	5.708	(1.005)	180784	12.4421	1900
34 2-Methylnaphthalene	142	6.405	6.399	(1.129)	622954	61.7339	9600
120 1-Methylnaphthalene	142	6.501	6.503	(1.145)	411141	44.9763	7000
$ 77 2-Fluorobiphenyl (SUR)	172	6.767	6.774	(0.908)	233838	24.2827	3800
102 Diphenyl	154	6.862	6.871	(0.921)	44505	4.42859	680(a)

Data File: /chem/BNAMS4.i/8270T/04-02-11/02apr11a.b/u66429.d
Report Date: 05-Apr-2011 10:52

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	125 1,3-Dimethylnaphthalene	156	7.109	7.109	(0.954)	476461	68.3963	10000
*	82 Acenaphthene-d10	164	7.448	7.441	(1.000)	289145	40.0000	
	42 Acenaphthene	154	7.476	7.479	(1.004)	19319	2.92759	450(a)
	47 Fluorene	166	7.983	7.980	(1.072)	45264	5.70248	880
$	18 2,4,6-Tribromophenol (SUR)	330	8.227	8.225	(1.104)	56021	38.2840	5900
	115 n-Octadecane	57	8.819	8.800	(0.989)	837340	150.859	23000(A)
*	83 Phenanthrene-d10	188	8.917	8.904	(1.000)	418406	40.0000	
	52 Phenanthrene	178	8.937	8.926	(1.002)	112765	9.22001	1400
$	78 Terphenyl-d14	244	10.464	10.474	(0.898)	233296	21.3112	3300
*	81 Chrysene-d12	240	11.652	11.674	(1.000)	404420	40.0000	
*	84 Perylene-d12	264	13.551	13.574	(1.000)	304270	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.
R - Spike/Surrogate failed recovery limits.

Data File: /chem/BNAMS4.i/8270T/04-02-11/02apr11a.b/u66429.d
Report Date: 05-Apr-2011 10:52

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/04-02-11/02apr11a.b/u66429.d
Lab Smp Id: 460-24280-F-13-C Client Smp ID: PMP-24-SI-E (10.5-1
Inj Date : 02-APR-2011 21:45
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-24280-F-13-C
Misc Info : 460-24280-F-13-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/04-02-11/02apr11a.b/8270C_08SP.m
Meth Date : 05-Apr-2011 10:49 rusin Quant Type: ISTD
Cal Date : 02-APR-2011 11:46 Cal File: u66408.d
Als bottle: 15
Dil Factor: 2.00000
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	2.00000	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	14.07703	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 79 1,4-Dichlorobenzene-d4	4.390	1420028	40.000
* 82 Acenaphthene-d10	7.448	2508650	40.000
* 83 Phenanthrene-d10	8.917	1820316	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-1				CAS #:			
5.013	1932685	54.4407590	8400	0	0		79

Data File: /chem/BNAMS4.i/8270T/04-02-11/02apr11a.b/u66429.d
Report Date: 05-Apr-2011 10:52

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-2				CAS #:			
5.779	2362971	66.5612458	10000	0		0	79
Unknown Cycloalkane				CAS #:			
5.994	1836802	29.2874936	4500	0		0	82
Unknown Alkane-3				CAS #:			
6.144	3560843	56.7770335	8800	0		0	82
Unknown Alkane-4				CAS #:			
6.316	5251452	83.7335074	13000	0		0	82
Unknown-1				CAS #:			
6.612	2660265	42.4174772	6600	0		0	82
Unknown Alkane-5				CAS #:			
6.678	1777508	28.3420592	4400	0		0	82
Unknown Alkane-6				CAS #:			
6.752	3730660	59.4847377	9200	0		0	82
Unknown Alkane-7				CAS #:			
6.898	7902587	126.005403	20000	0		0	82
Dimethylnaphthalene isomer				CAS #:			
7.033	1781702	28.4089281	4400	0		0	82
Unknown Alkane-8				CAS #:			
7.137	2391785	38.1366038	5900	0		0	82
Unknown-2				CAS #:			
7.165	1794716	28.6164380	4400	0		0	82
Unknown Alkane-9				CAS #:			
7.206	6312960	100.659076	16000	0		0	82
Unknown Alkane-10				CAS #:			
7.421	6094530	97.1762397	15000	0		0	82
Unknown Alkane-11				CAS #:			
7.913	4966336	79.1873919	12000	0		0	82
Unknown Alkane-12				CAS #:			
8.122	4304954	68.6417535	11000	0		0	82

Data File: /chem/BNAMS4.i/8270T/04-02-11/02apr11a.b/u66429.d
Report Date: 05-Apr-2011 10:52

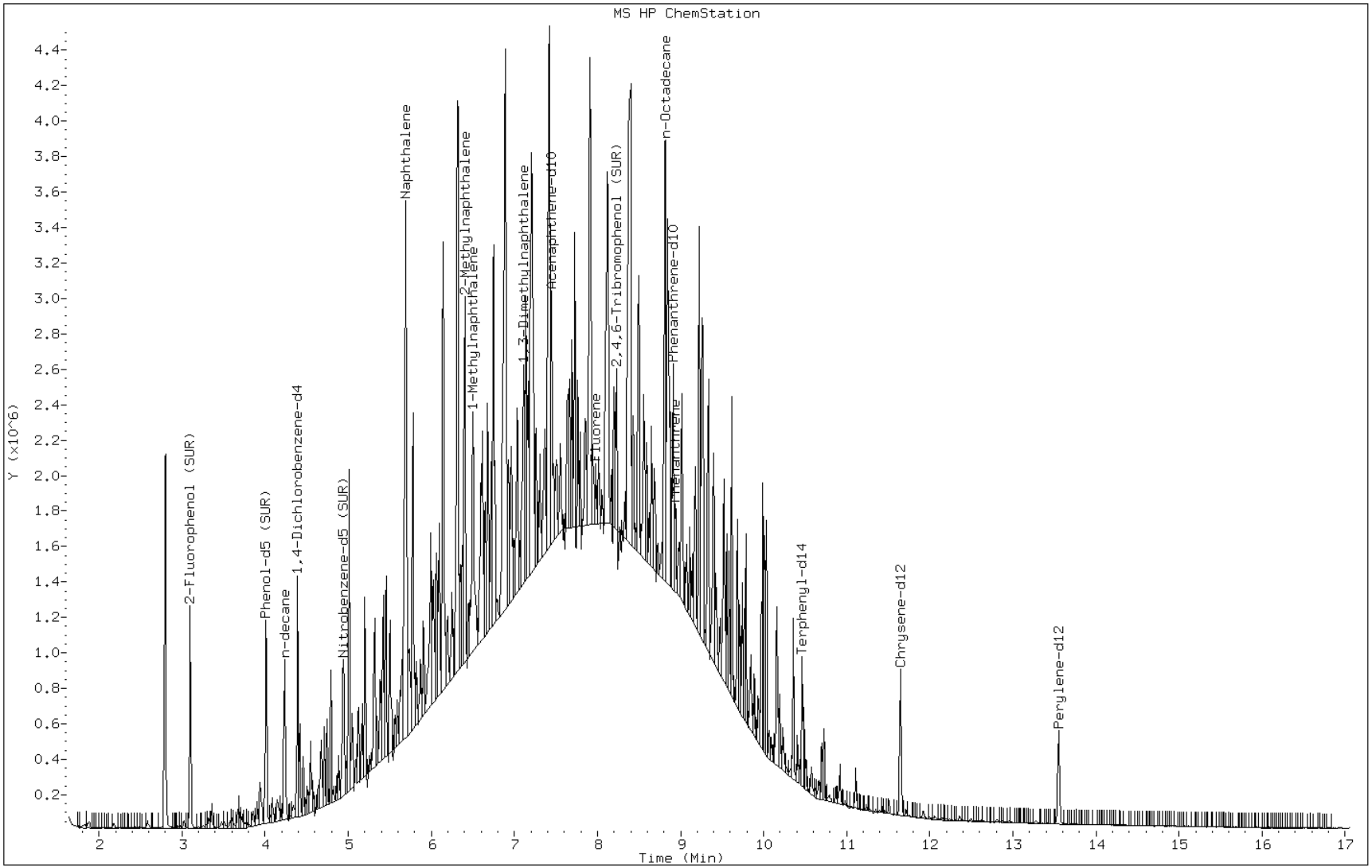
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-13					CAS #:		
8.401	7412377	162.881031	25000	0		0	83
Dichloro-1,1-biphenyl isomer					CAS #:		
8.498	2394380	52.6145848	8100	0		0	83
Trichloro-1,1-biphenyl isomer-1					CAS #:		
8.840	4446192	97.7014992	15000	0		0	83
Trichloro-1,1-biphenyl isomer-2					CAS #:		
9.014	1877595	41.2586395	6400	0		0	83
Unknown Alkane-14					CAS #:		
9.230	2999395	65.9092945	10000	0		0	83
Trichloro-1,1-biphenyl isomer-3					CAS #:		
9.265	3839641	84.3730328	13000	0		0	83
Trichloro-1,1-biphenyl isomer-4					CAS #:		
9.335	2104729	46.2497262	7200	0		0	83
Tetrachloro-1,1-biphenyl isomer					CAS #:		
9.524	1904410	41.8478852	6500	0		0	83
Unknown Alkane-15					CAS #:		
9.614	1882453	41.3654046	6400	0		0	83
Unknown Alkane-16					CAS #:		
9.990	1882924	41.3757425	6400	0		0	83

Data File: u66429.d

Date: 02-APR-2011 21:45

Client ID: PMP-24-SI-E (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-24280-F-13-C Operator: BNAMS 4



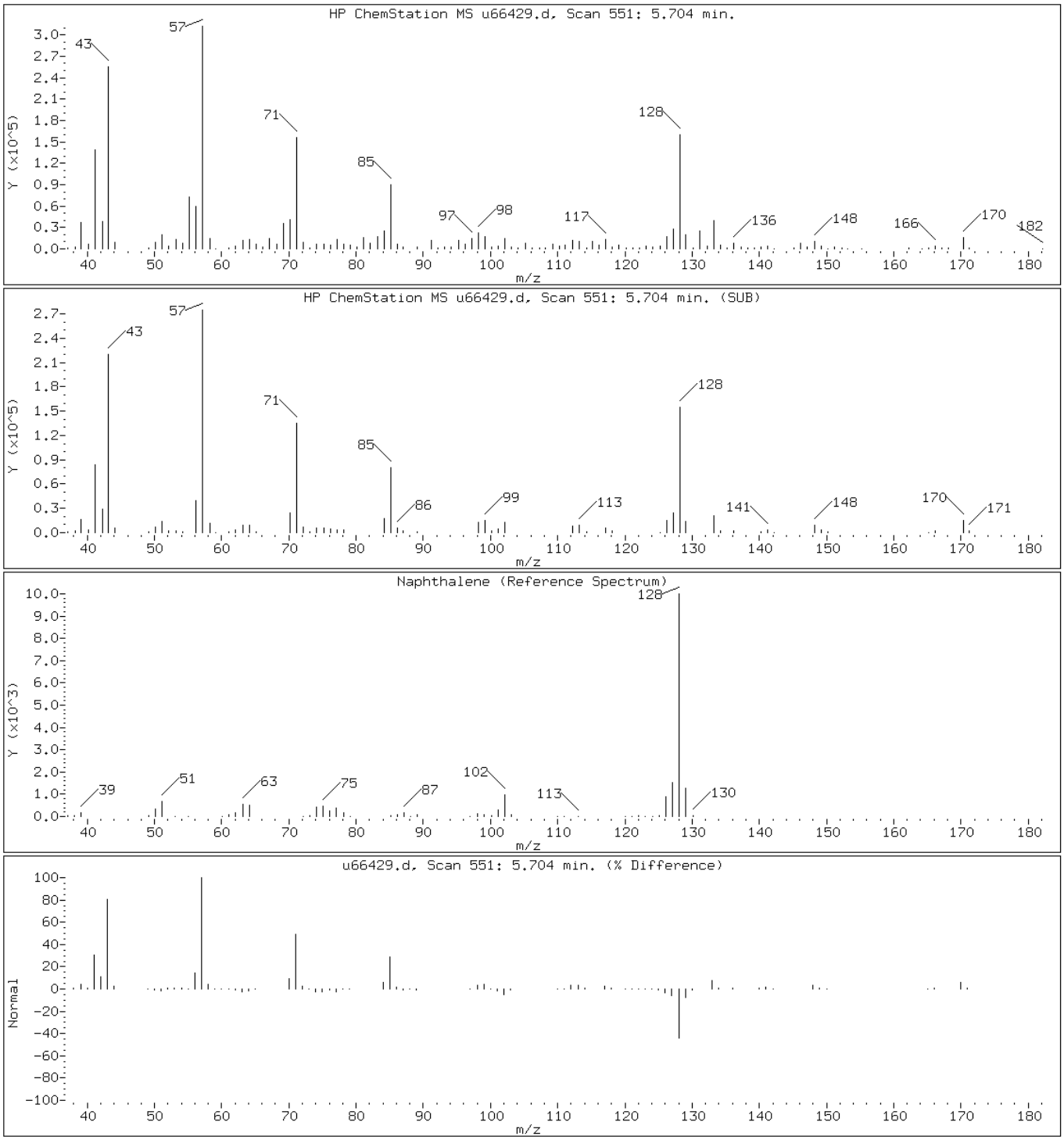
Data File: u66429.d

Date: 02-APR-2011 21:45

Client ID: PMP-24-SI-E (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-24280-F-13-C Operator: BNAMS 4

31 Naphthalene



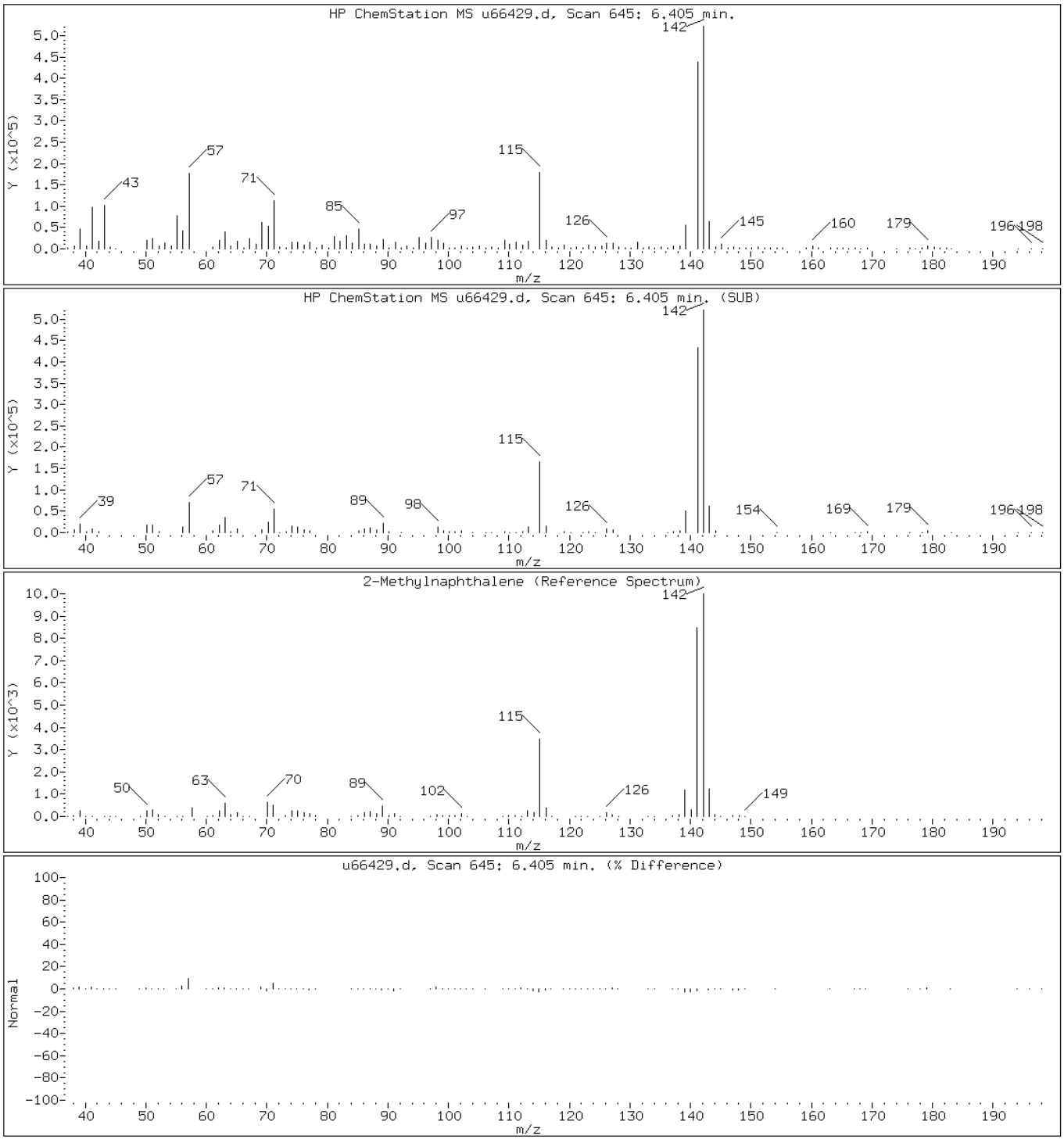
Data File: u66429.d

Date: 02-APR-2011 21:45

Client ID: PMP-24-SI-E (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-24280-F-13-C Operator: BNAMS 4

34 2-Methylnaphthalene



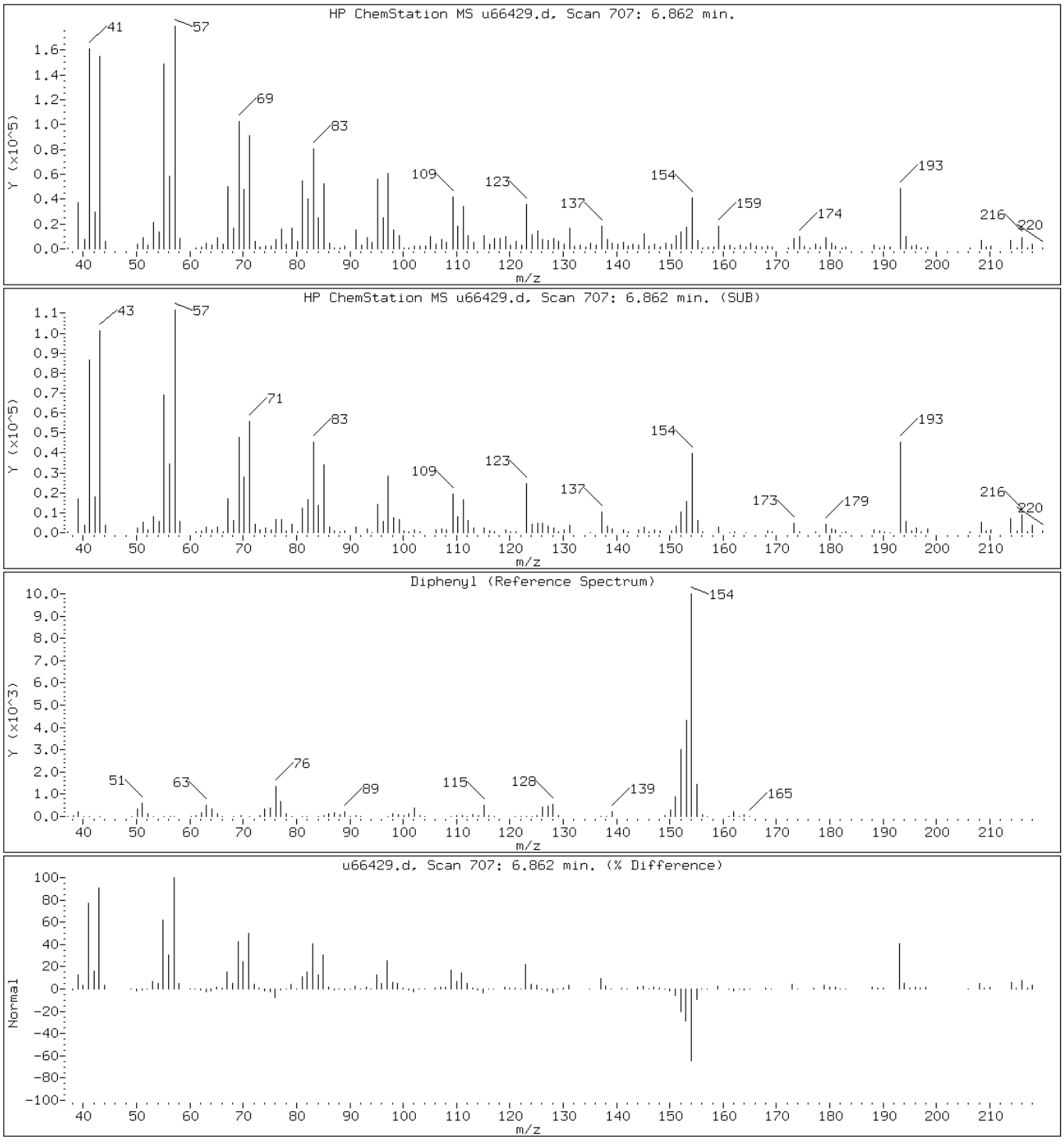
Data File: u66429.d

Date: 02-APR-2011 21:45

Client ID: PMP-24-SI-E (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-24280-F-13-C Operator: BNAMS 4

102 Diphenyl



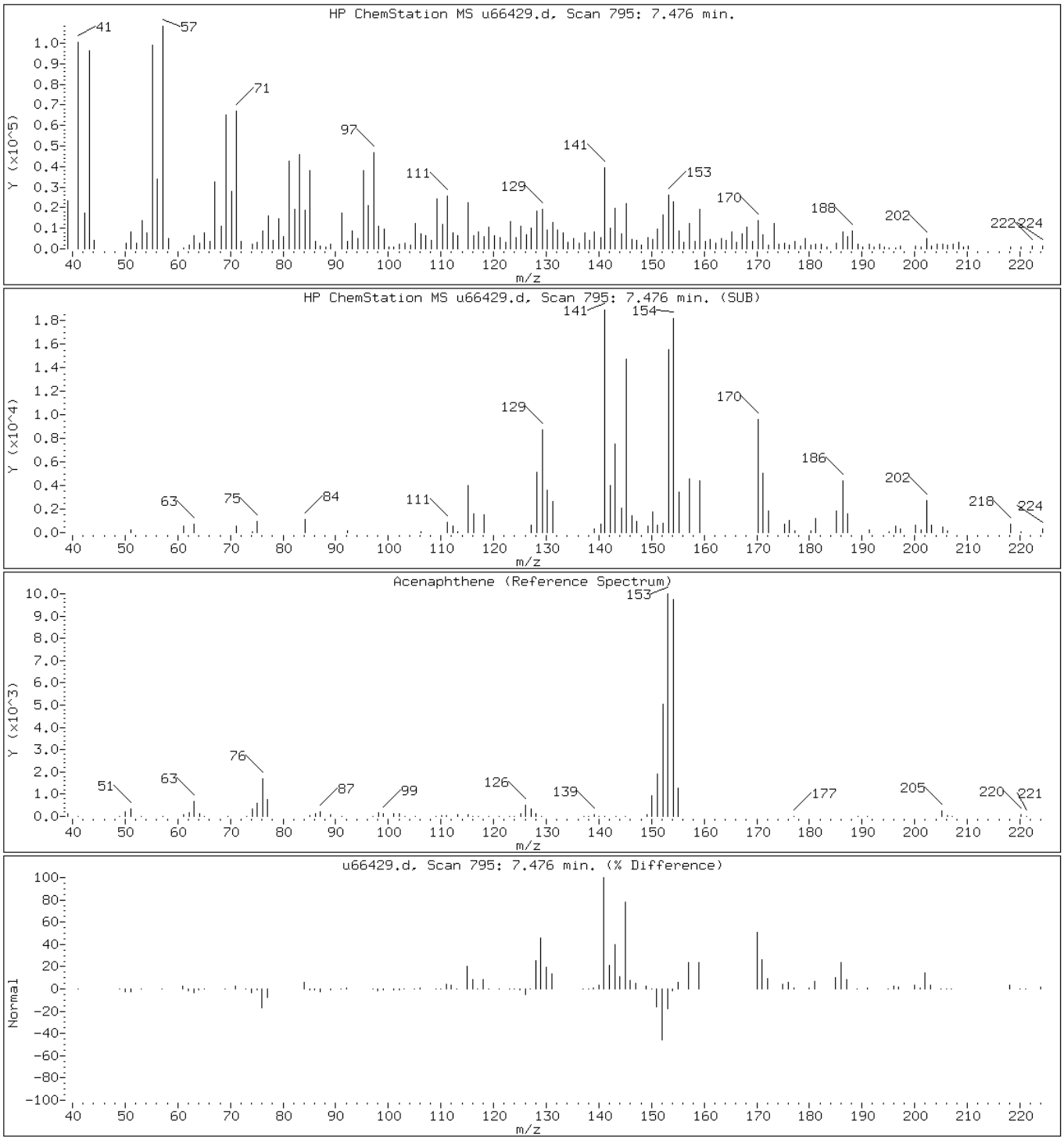
Data File: u66429.d

Date: 02-APR-2011 21:45

Client ID: PMP-24-SI-E (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-24280-F-13-C Operator: BNAMS 4

42 Acenaphthene



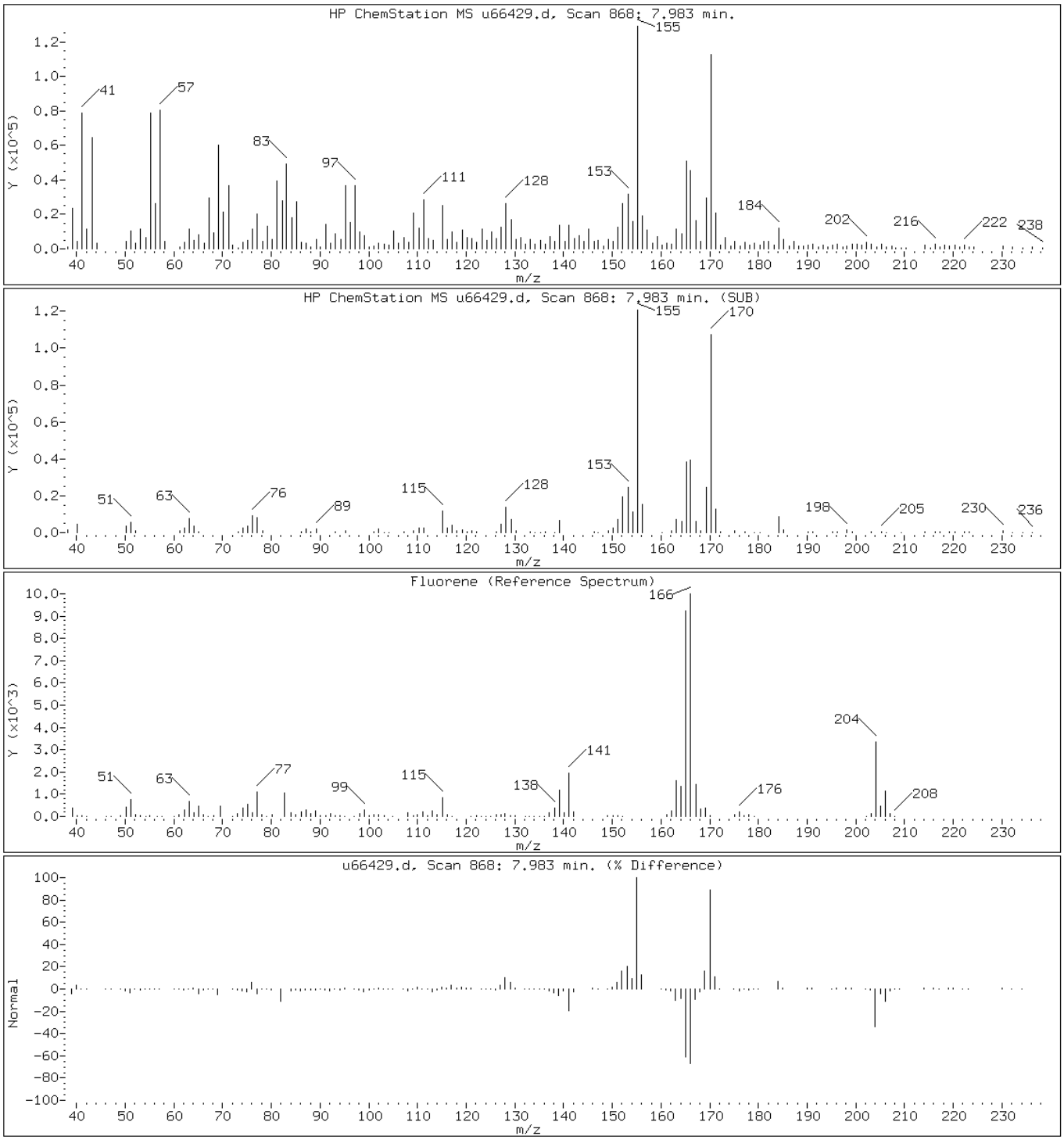
Data File: u66429.d

Date: 02-APR-2011 21:45

Client ID: PMP-24-SI-E (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-24280-F-13-C Operator: BNAMS 4

47 Fluorene



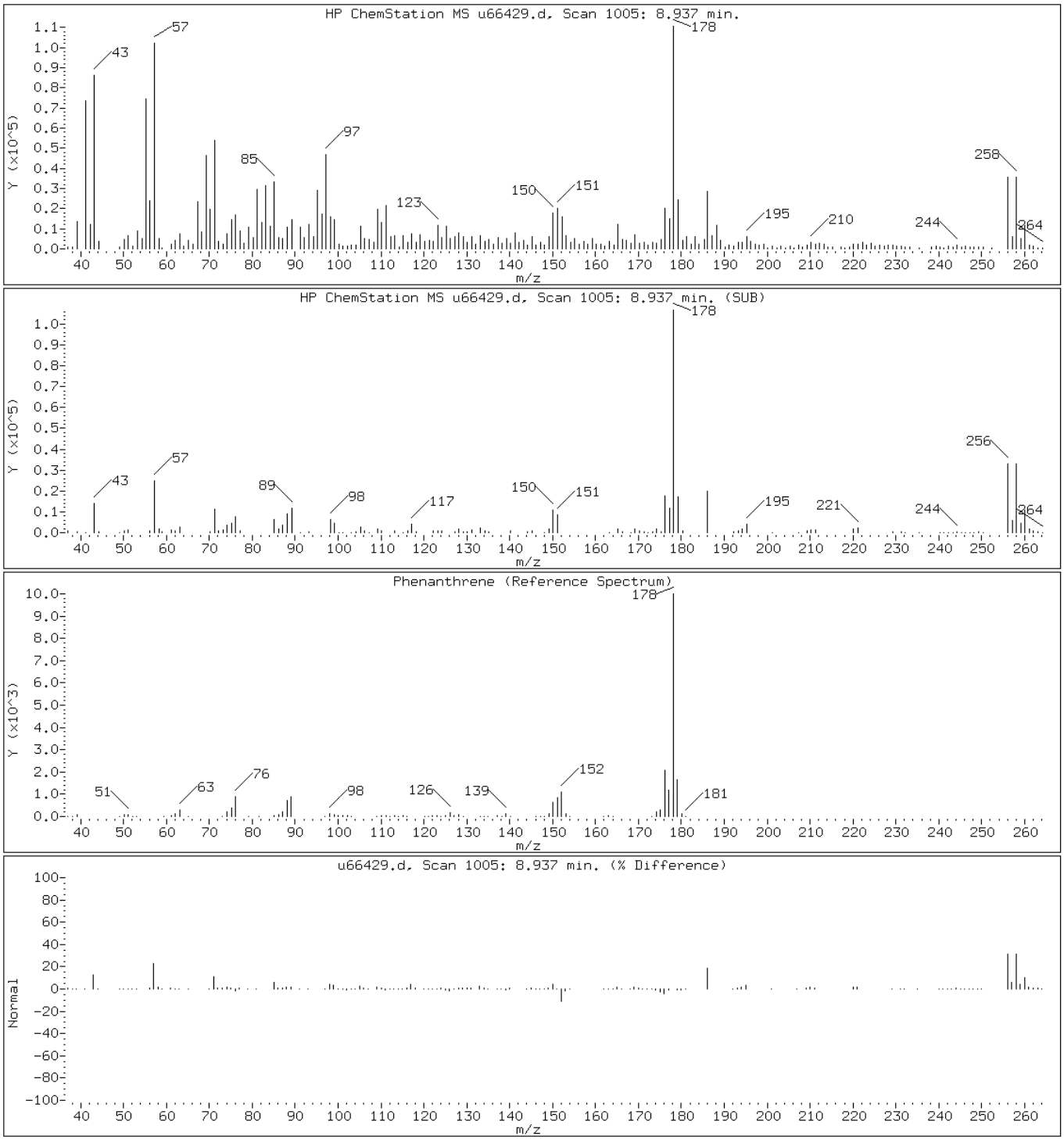
Data File: u66429.d

Date: 02-APR-2011 21:45

Client ID: PMP-24-SI-E (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-24280-F-13-C Operator: BNAMS 4

52 Phenanthrene



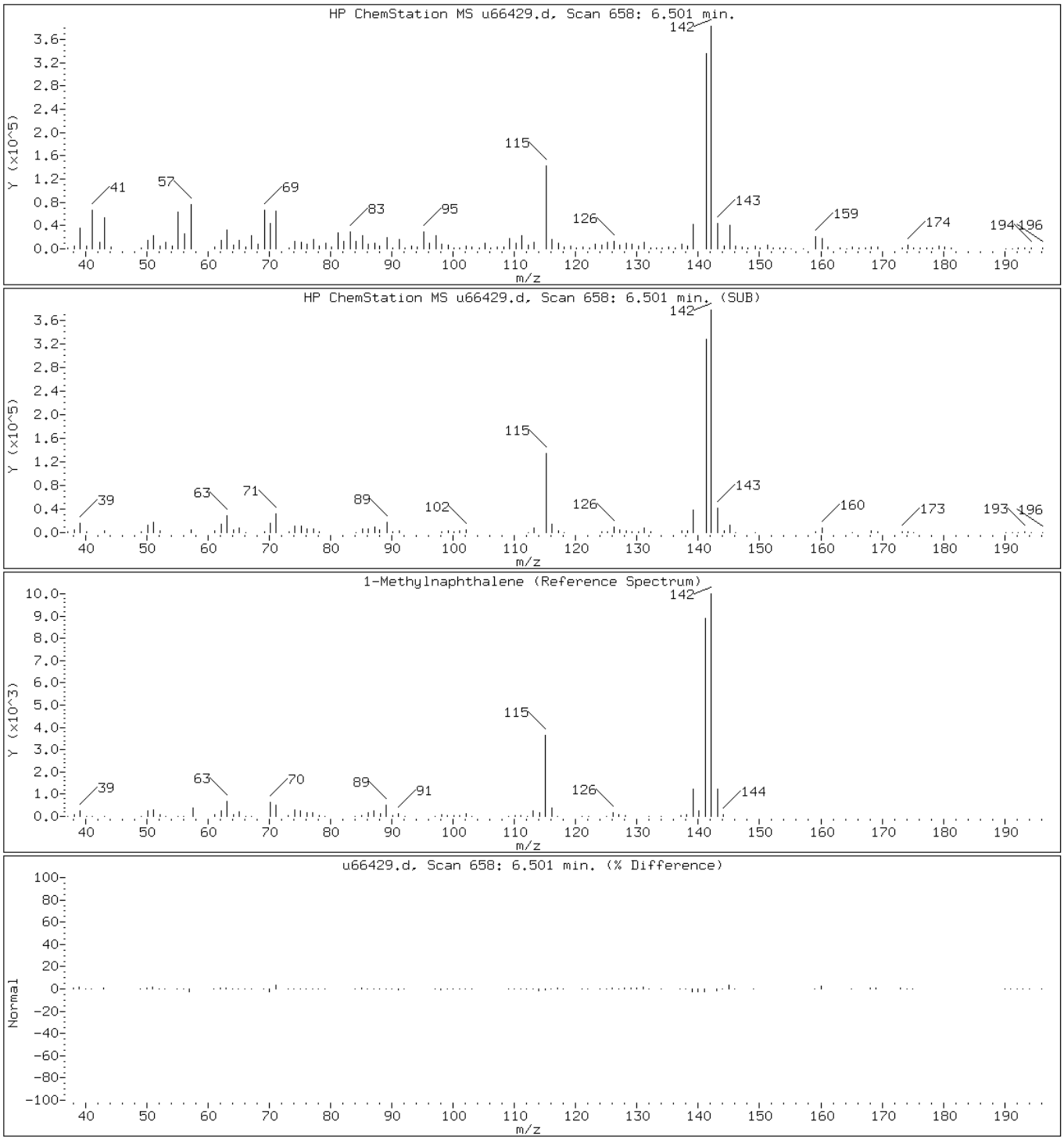
Data File: u66429.d

Date: 02-APR-2011 21:45

Client ID: PMP-24-SI-E (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-24280-F-13-C Operator: BNAMS 4

120 1-Methylnaphthalene



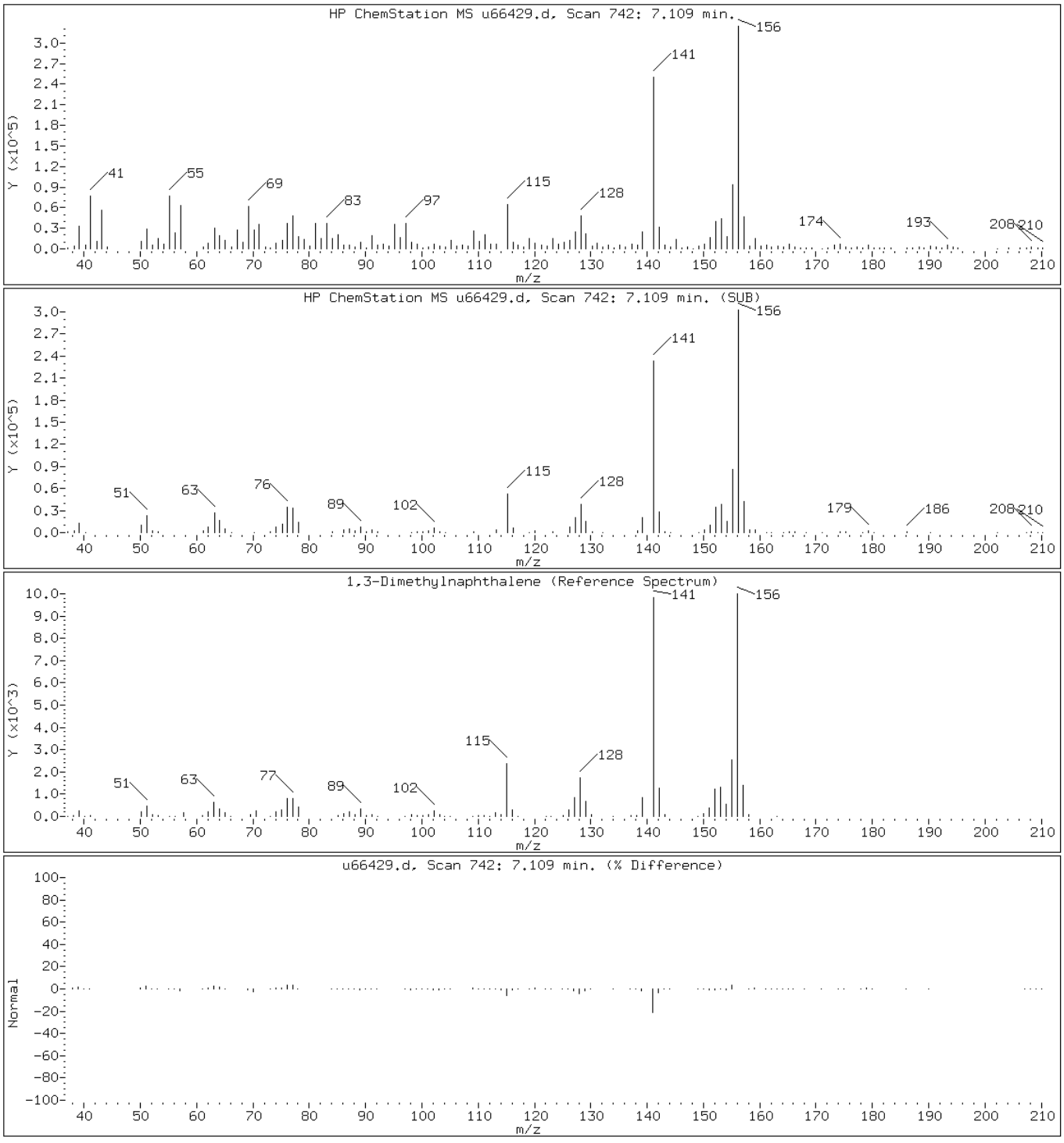
Data File: u66429.d

Date: 02-APR-2011 21:45

Client ID: PMP-24-SI-E (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-24280-F-13-C Operator: BNAMS 4

125 1,3-Dimethylnaphthalene



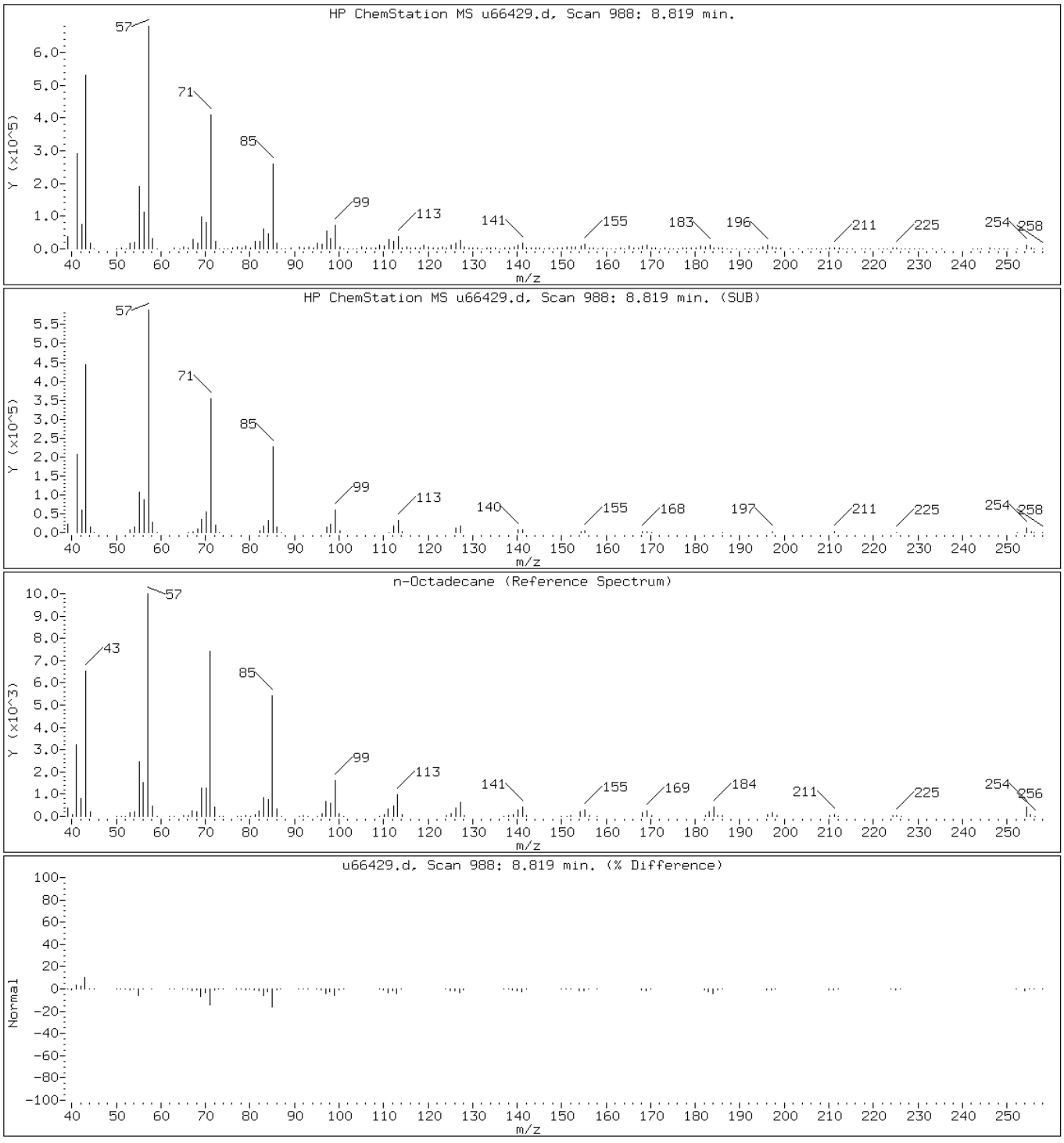
Data File: u66429.d

Date: 02-APR-2011 21:45

Client ID: PMP-24-SI-E (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-24280-F-13-C Operator: BNAMS 4

115 n-Octadecane



Data File: u66429.d

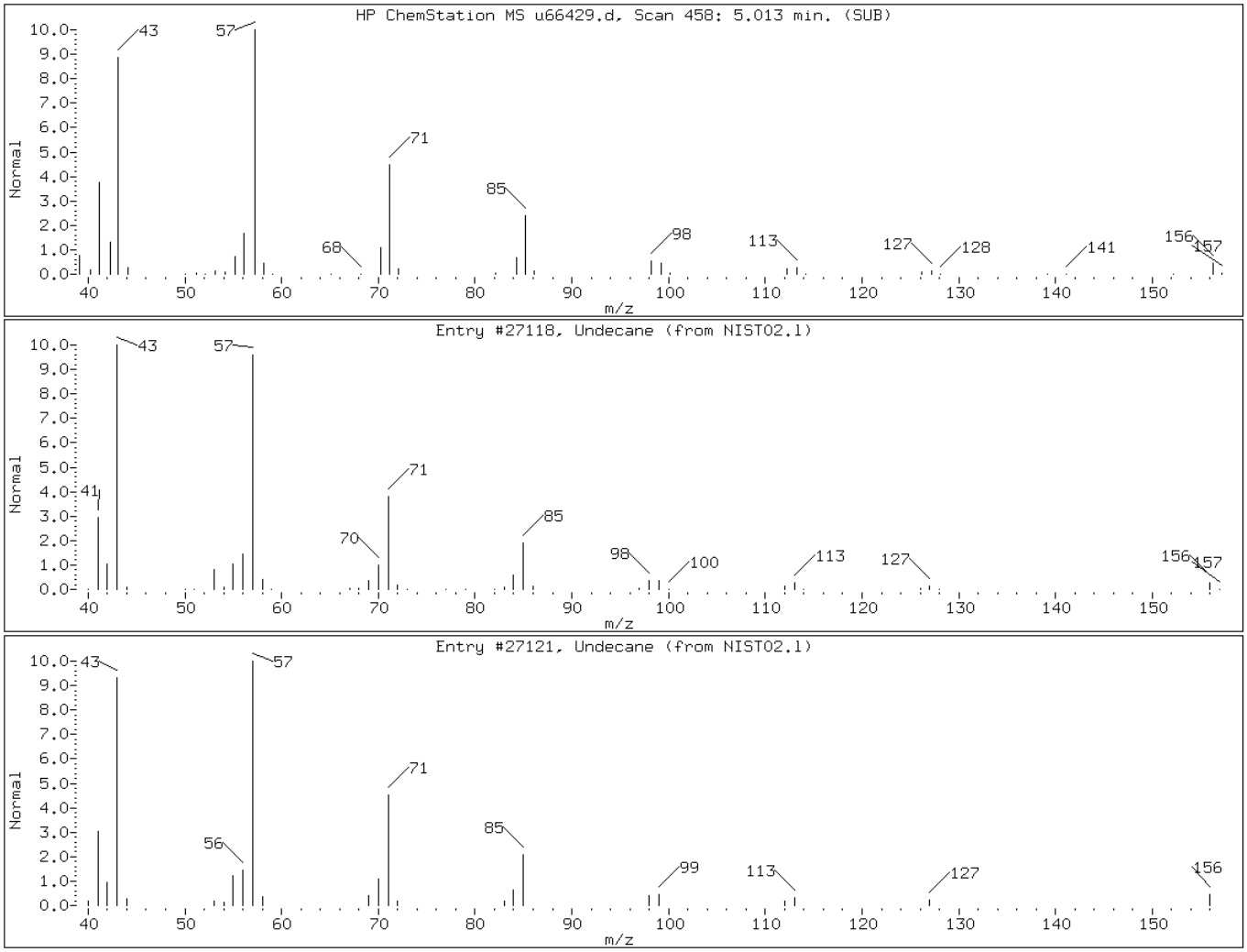
Date: 02-APR-2011 21:45

Client ID: PMP-24-SI-E (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-24280-F-13-C Operator: BNAMS 4

Retention Time: 5.01

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Undecane	1120-21-4	NIST02.l	27118	97	C11H24	156
Undecane	1120-21-4	NIST02.l	27121	95	C11H24	156



Data File: u66429.d

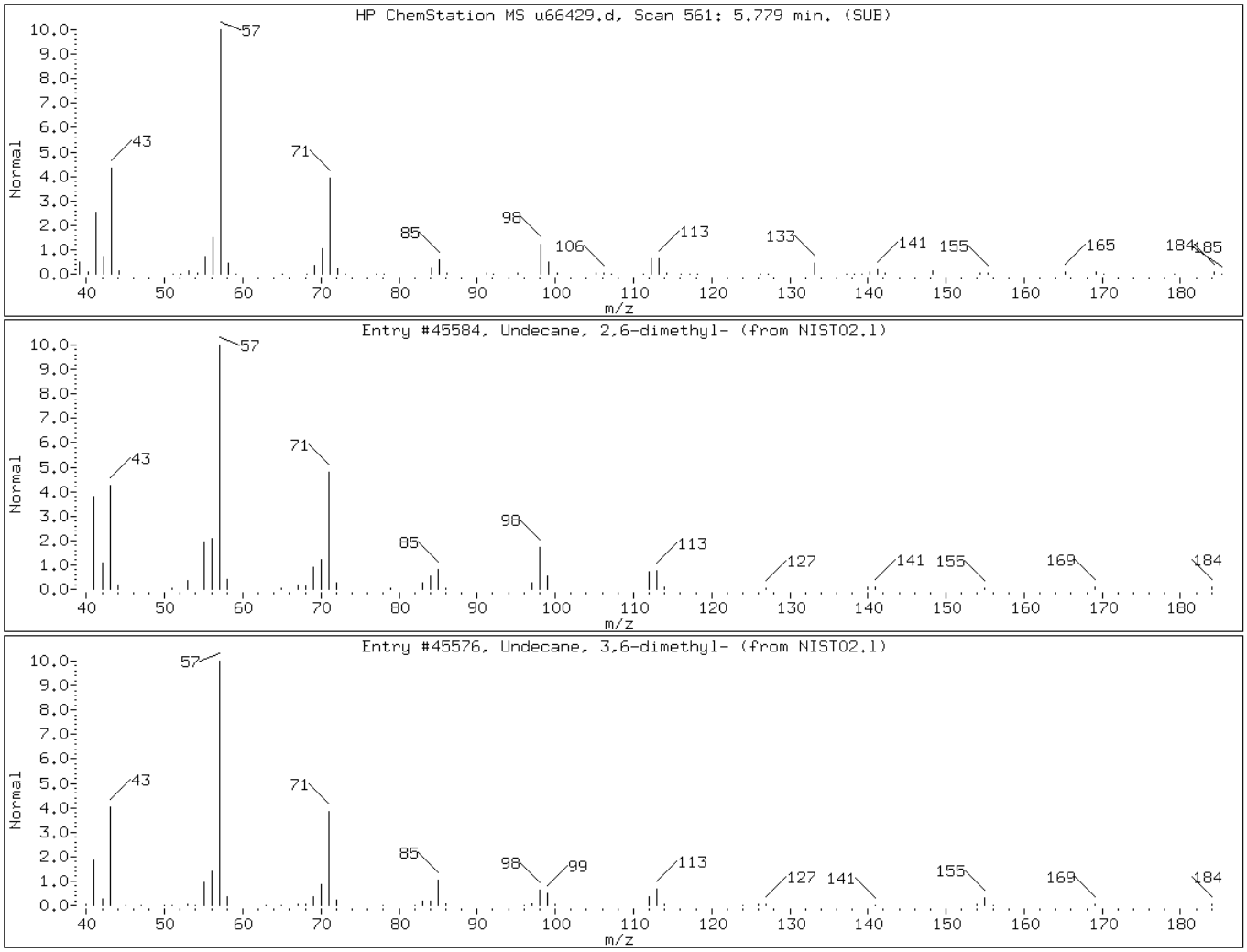
Date: 02-APR-2011 21:45

Client ID: PMP-24-SI-E (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-24280-F-13-C Operator: BNAMS 4

Retention Time: 5.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45584	94	C13H28	184
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.l	45576	93	C13H28	184



Data File: u66429.d

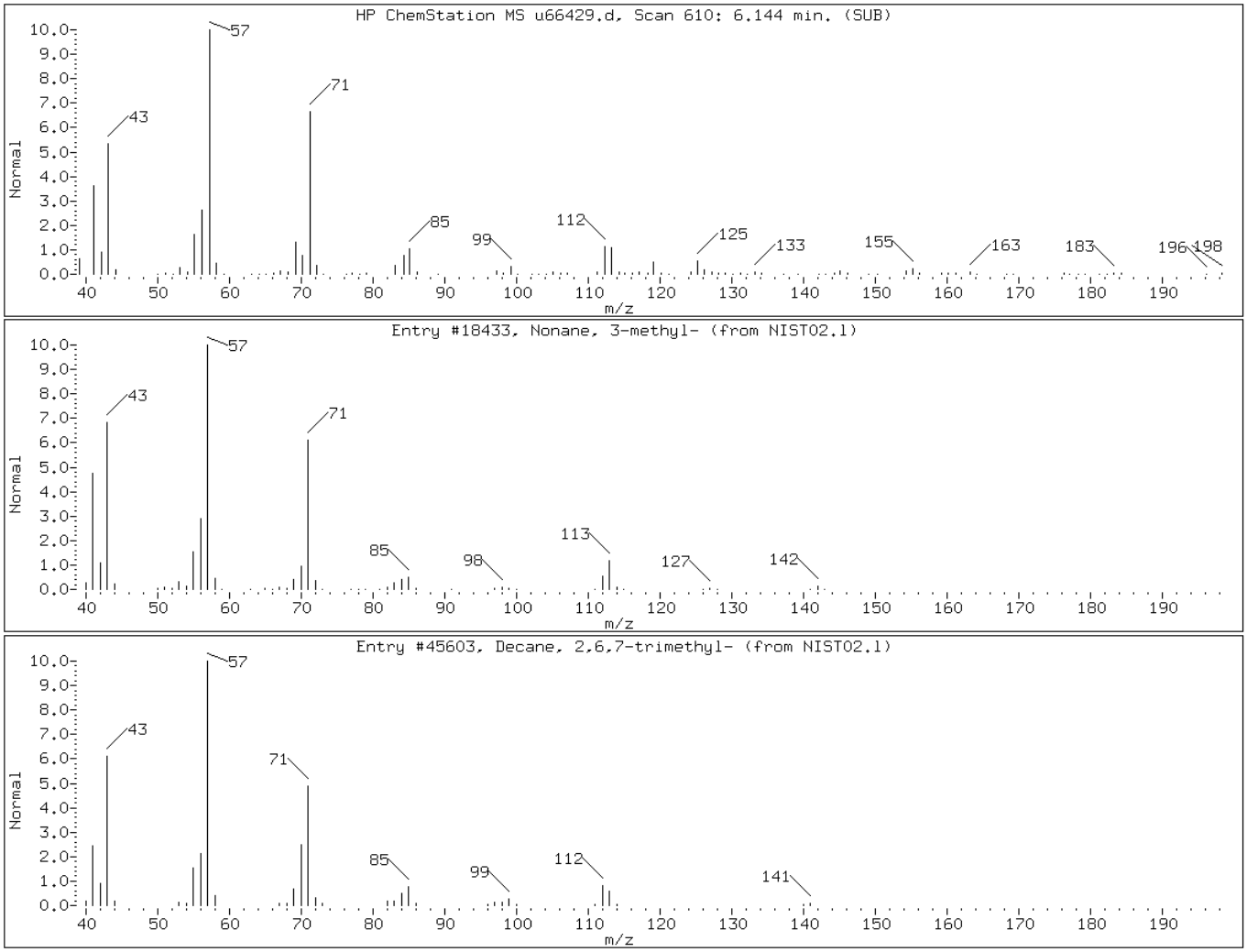
Date: 02-APR-2011 21:45

Client ID: PMP-24-SI-E (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-24280-F-13-C Operator: BNAMS 4

Retention Time: 6.14

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Nonane, 3-methyl-	5911-04-6	NIST02.l	18433	83	C10H22	142
Decane, 2,6,7-trimethyl-	62108-25-2	NIST02.l	45603	78	C13H28	184



Data File: u66429.d

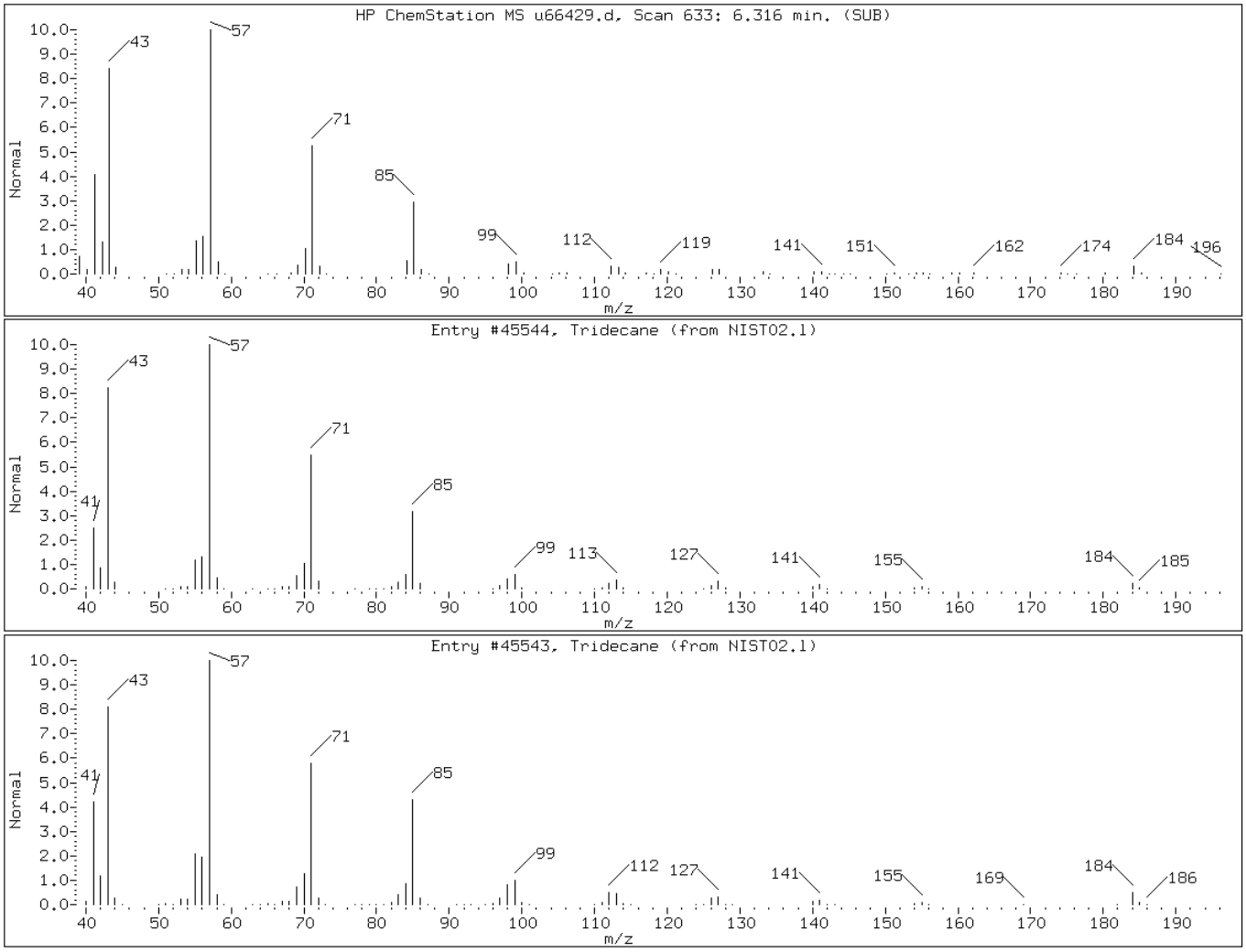
Date: 02-APR-2011 21:45

Client ID: PMP-24-SI-E (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-24280-F-13-C Operator: BNAMS 4

Retention Time: 6.32

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Tridecane	629-50-5	NIST02.l	45544	94	C13H28	184
Tridecane	629-50-5	NIST02.l	45543	92	C13H28	184



Data File: u66429.d

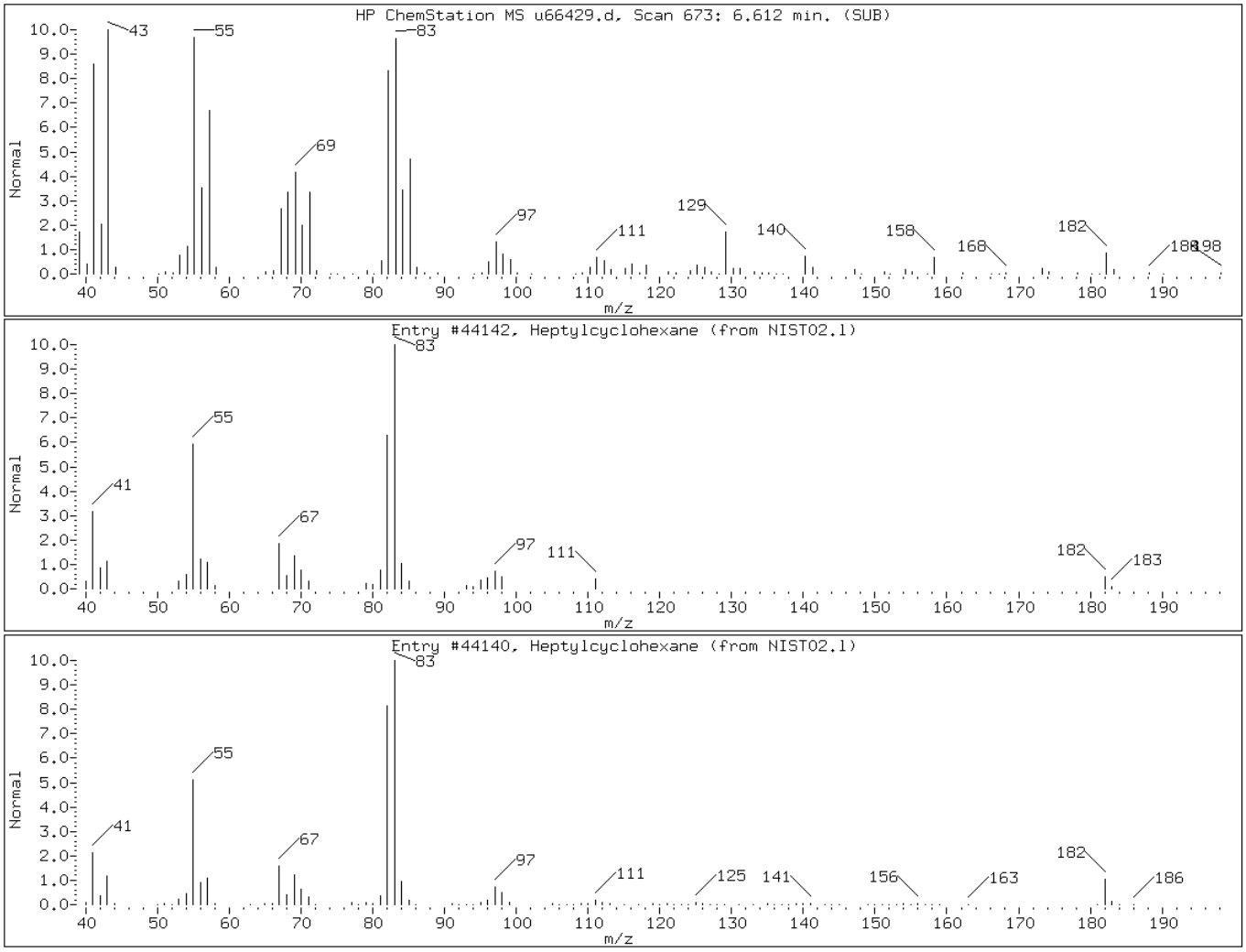
Date: 02-APR-2011 21:45

Client ID: PMP-24-SI-E (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-24280-F-13-C Operator: BNAMS 4

Retention Time: 6.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Heptylcyclohexane	5617-41-4	NIST02.l	44142	49	C13H26	182
Heptylcyclohexane	5617-41-4	NIST02.l	44140	47	C13H26	182



Data File: u66429.d

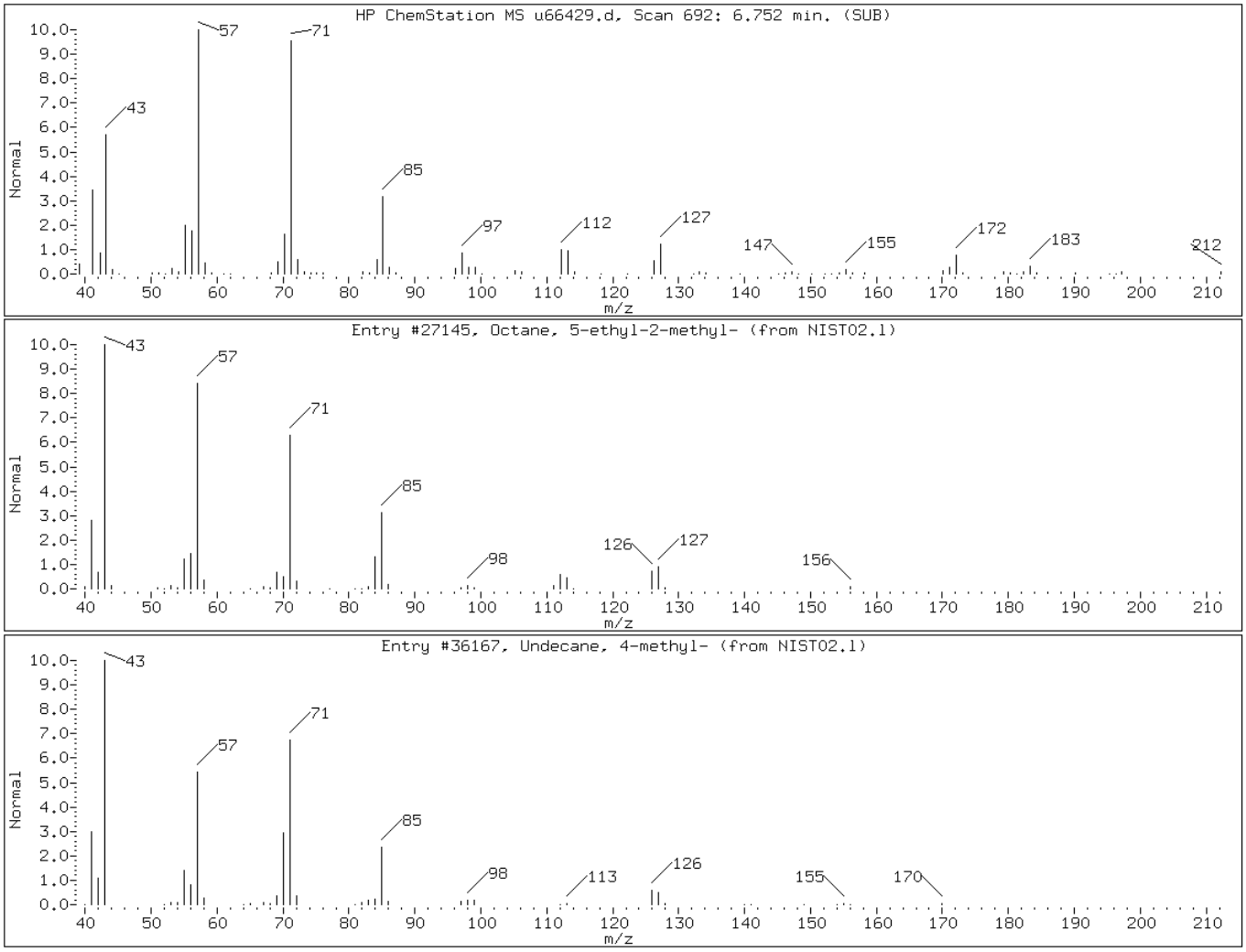
Date: 02-APR-2011 21:45

Client ID: PMP-24-SI-E (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-24280-F-13-C Operator: BNAMS 4

Retention Time: 6.75

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Octane, 5-ethyl-2-methyl-	62016-18-6	NIST02.l	27145	78	C11H24	156
Undecane, 4-methyl-	2980-69-0	NIST02.l	36167	72	C12H26	170



Data File: u66429.d

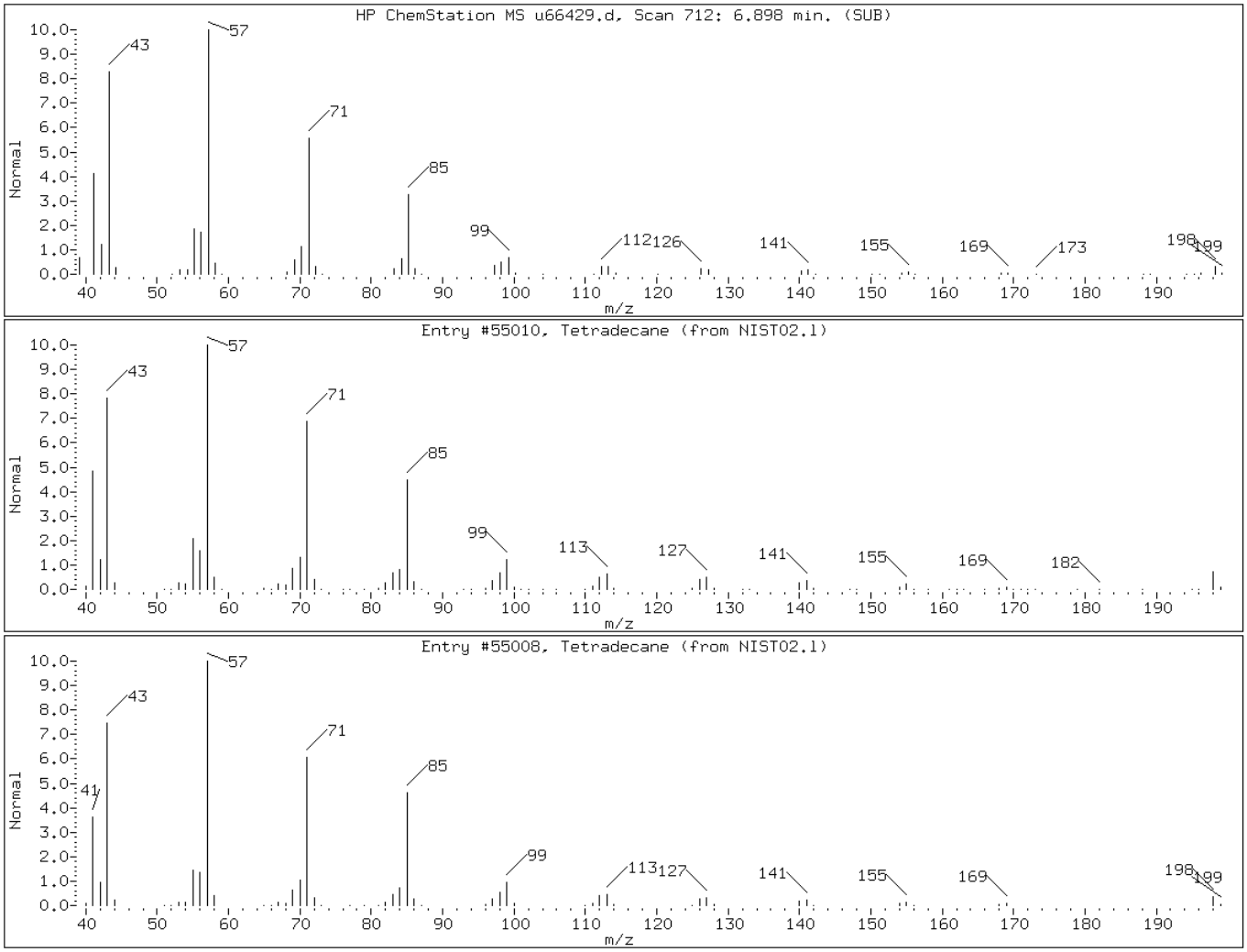
Date: 02-APR-2011 21:45

Client ID: PMP-24-SI-E (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-24280-F-13-C Operator: BNAMS 4

Retention Time: 6.90

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Tetradecane	629-59-4	NIST02.l	55010	97	C14H30	198
Tetradecane	629-59-4	NIST02.l	55008	96	C14H30	198



Data File: u66429.d

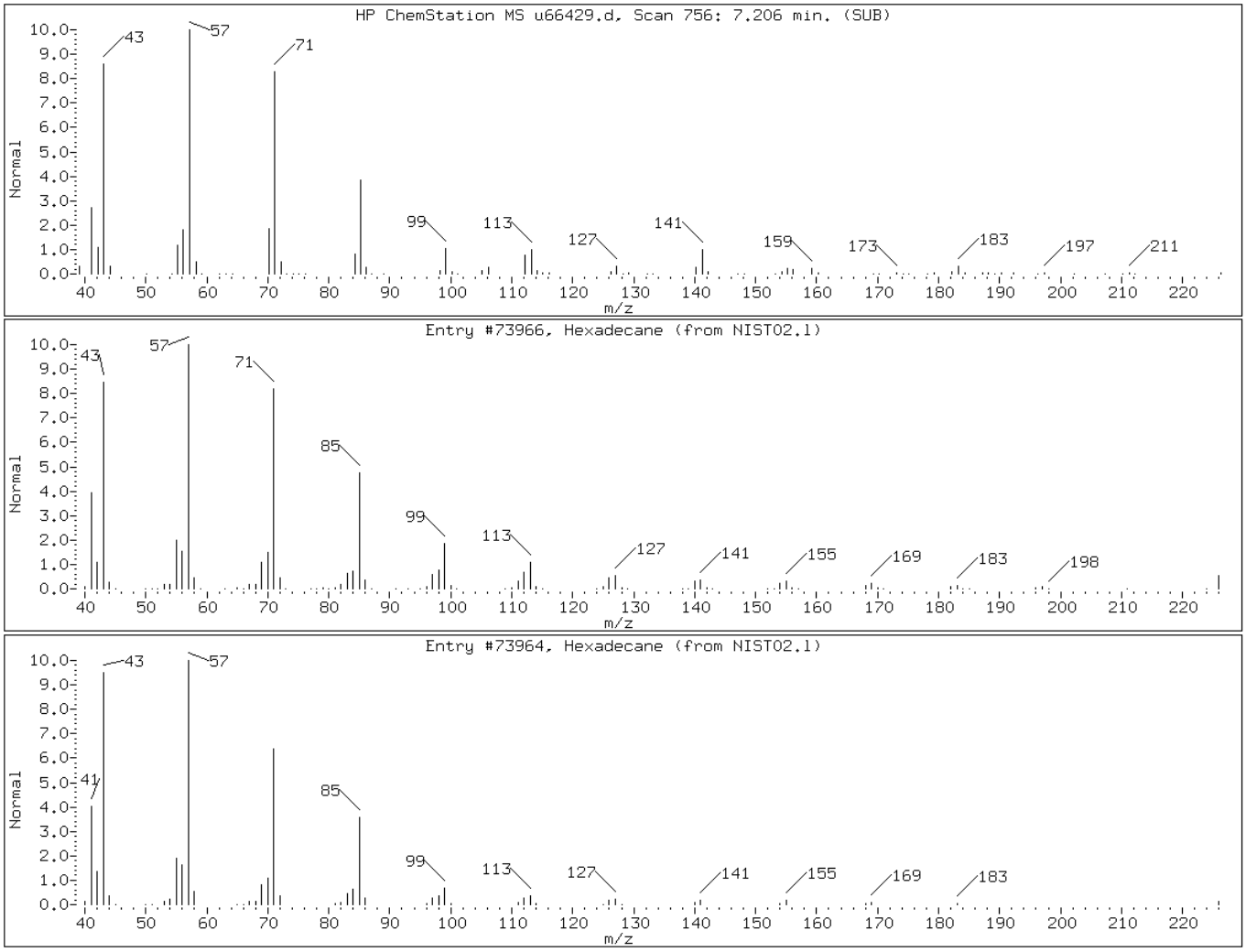
Date: 02-APR-2011 21:45

Client ID: PMP-24-SI-E (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-24280-F-13-C Operator: BNAMS 4

Retention Time: 7.21

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Hexadecane	544-76-3	NIST02.l	73966	87	C16H34	226
Hexadecane	544-76-3	NIST02.l	73964	87	C16H34	226



Data File: u66429.d

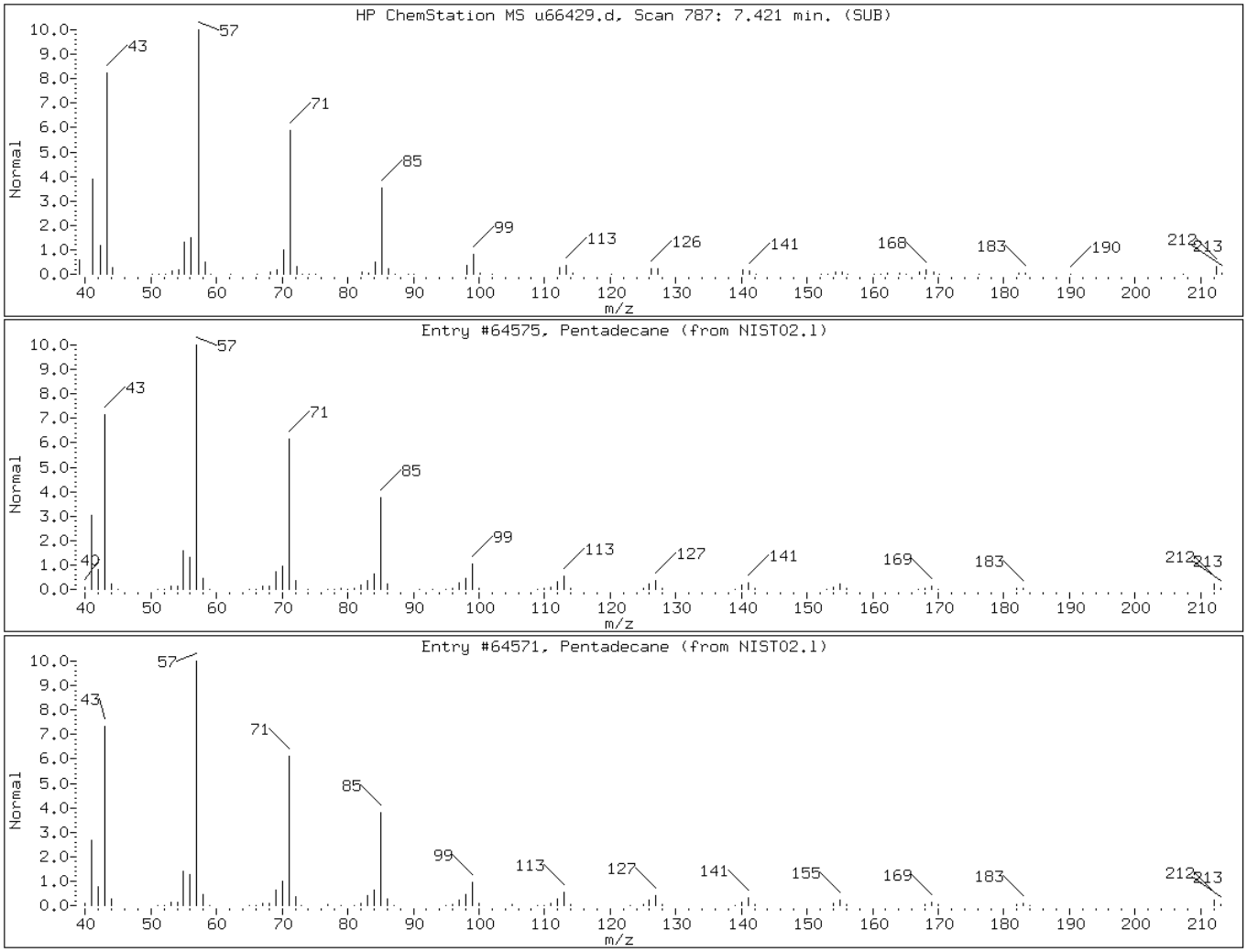
Date: 02-APR-2011 21:45

Client ID: PMP-24-SI-E (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-24280-F-13-C Operator: BNAMS 4

Retention Time: 7.42

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Pentadecane	629-62-9	NIST02.l	64575	94	C15H32	212
Pentadecane	629-62-9	NIST02.l	64571	94	C15H32	212



Data File: u66429.d

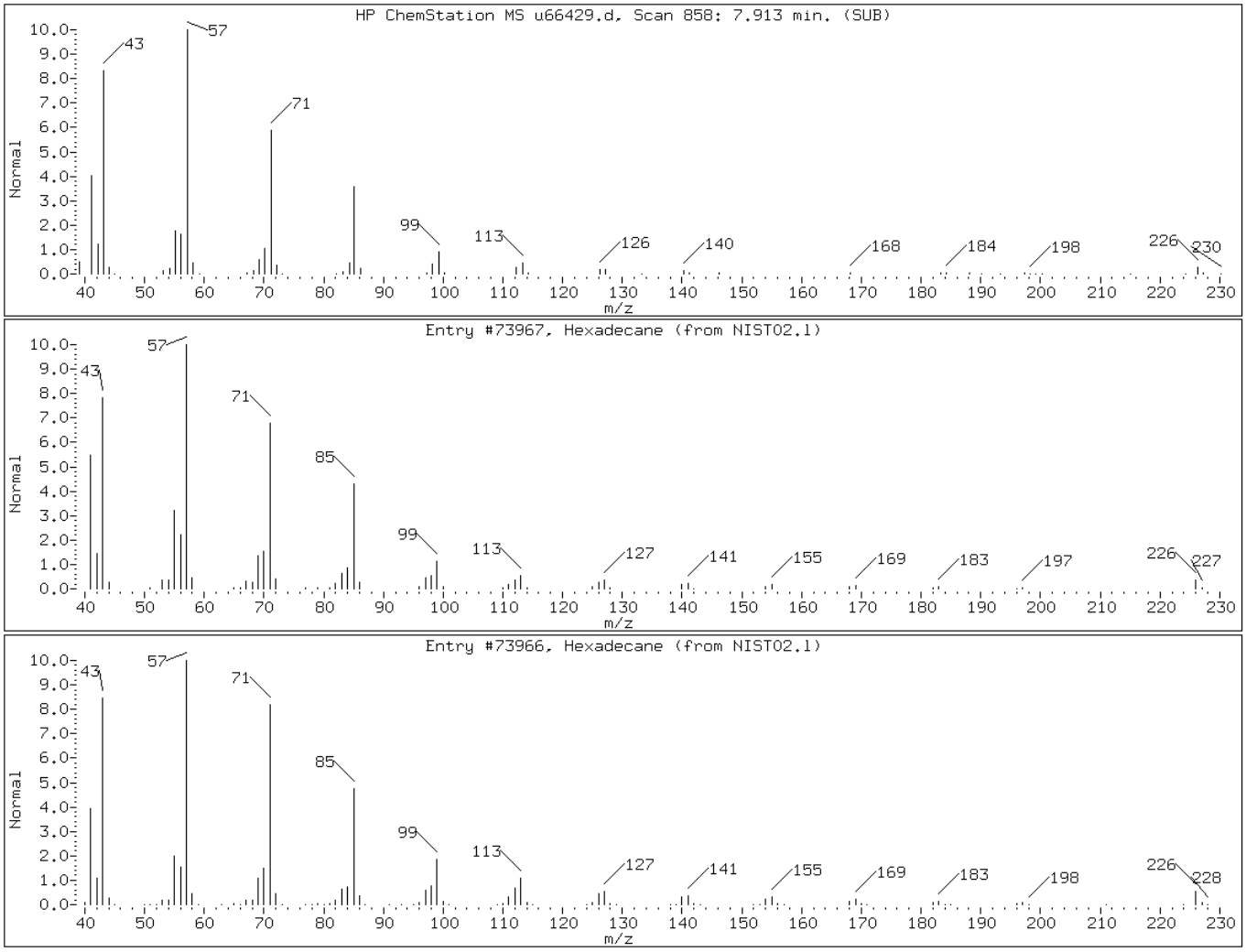
Date: 02-APR-2011 21:45

Client ID: PMP-24-SI-E (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-24280-F-13-C Operator: BNAMS 4

Retention Time: 7.91

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Hexadecane	544-76-3	NIST02.l	73967	94	C16H34	226
Hexadecane	544-76-3	NIST02.l	73966	94	C16H34	226



Data File: u66429.d

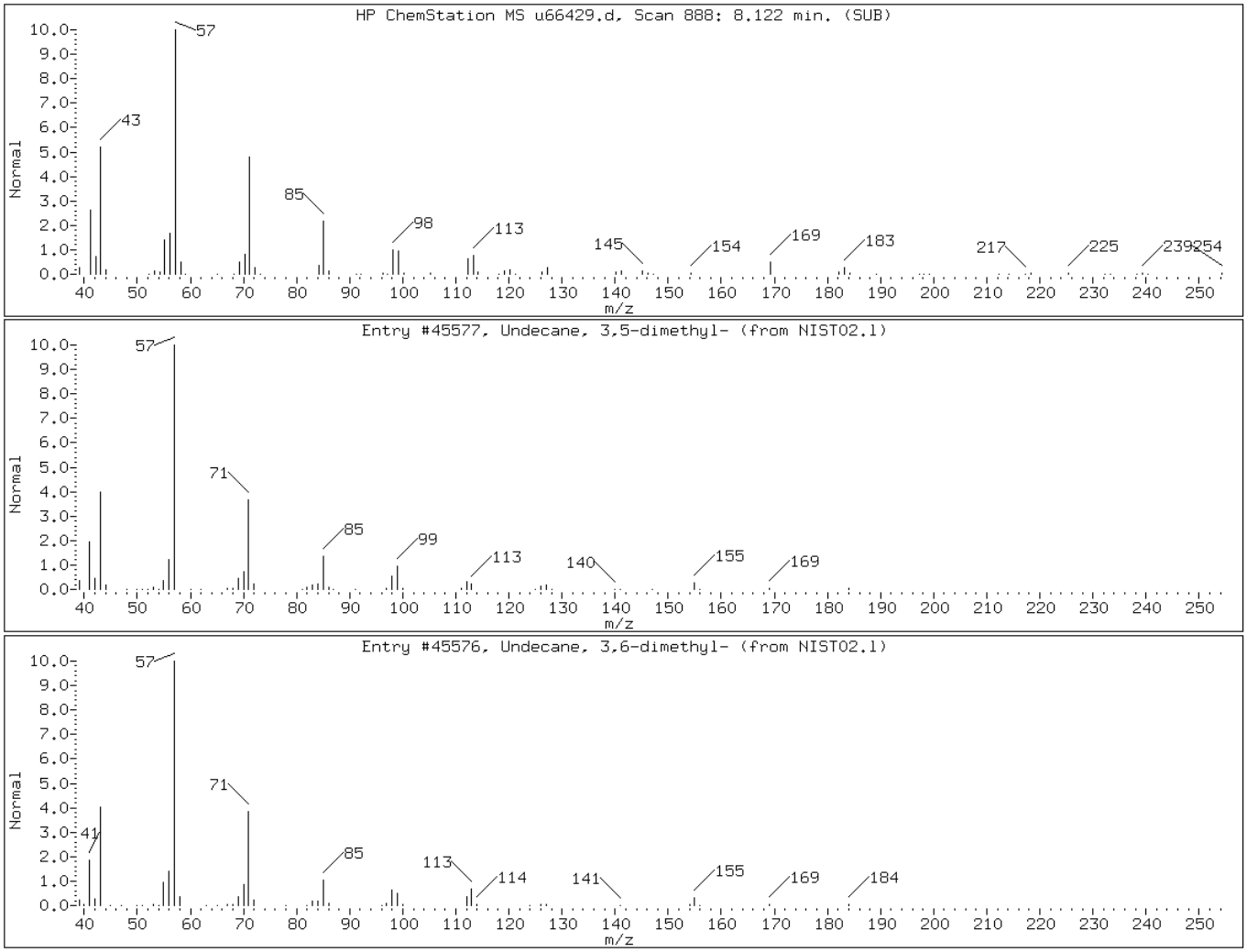
Date: 02-APR-2011 21:45

Client ID: PMP-24-SI-E (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-24280-F-13-C Operator: BNAMS 4

Retention Time: 8.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Undecane, 3,5-dimethyl-	17312-81-1	NIST02.l	45577	87	C13H28	184
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.l	45576	87	C13H28	184



Data File: u66429.d

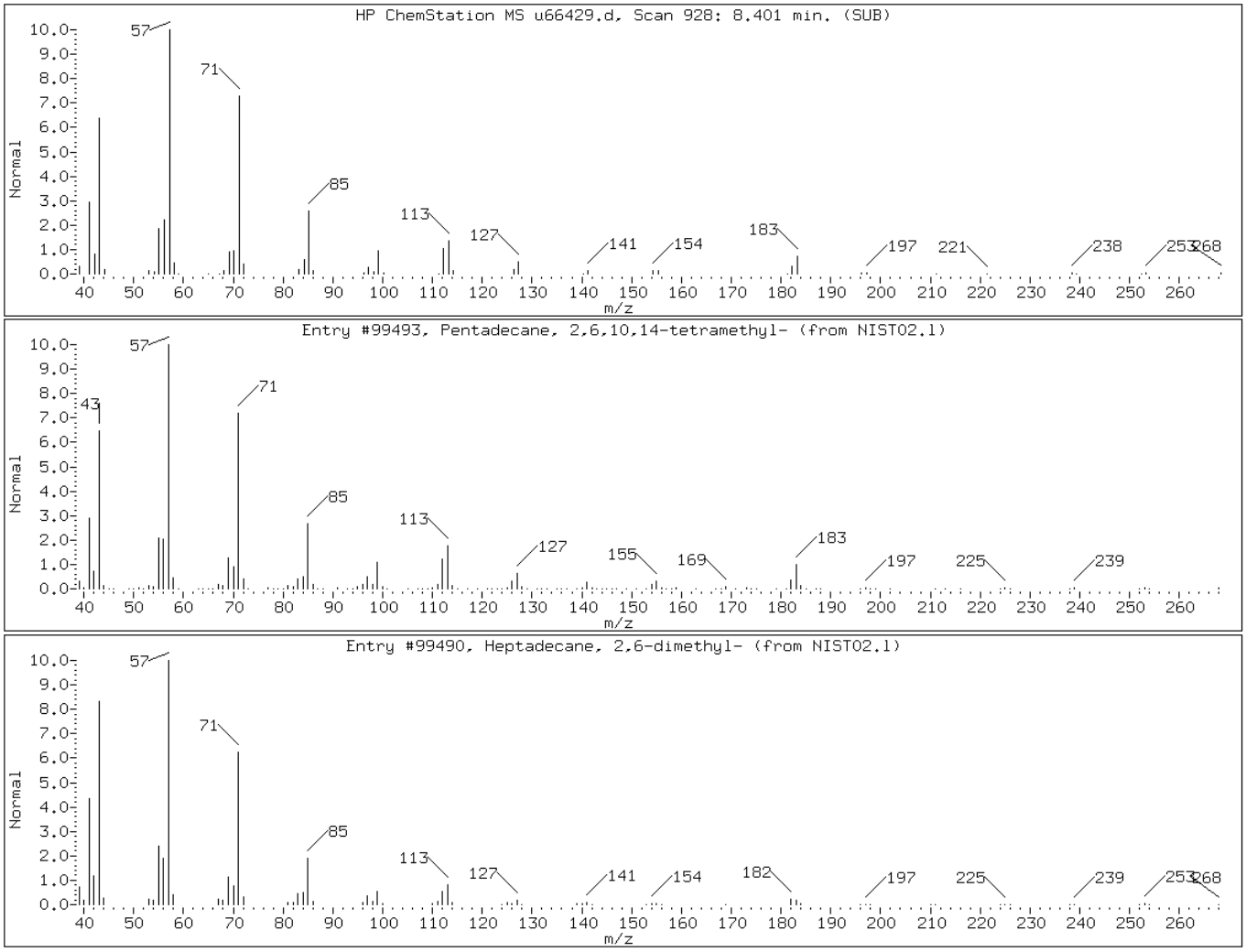
Date: 02-APR-2011 21:45

Client ID: PMP-24-SI-E (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-24280-F-13-C Operator: BNAMS 4

Retention Time: 8.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	94	C19H40	268
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.l	99490	91	C19H40	268



Data File: u66429.d

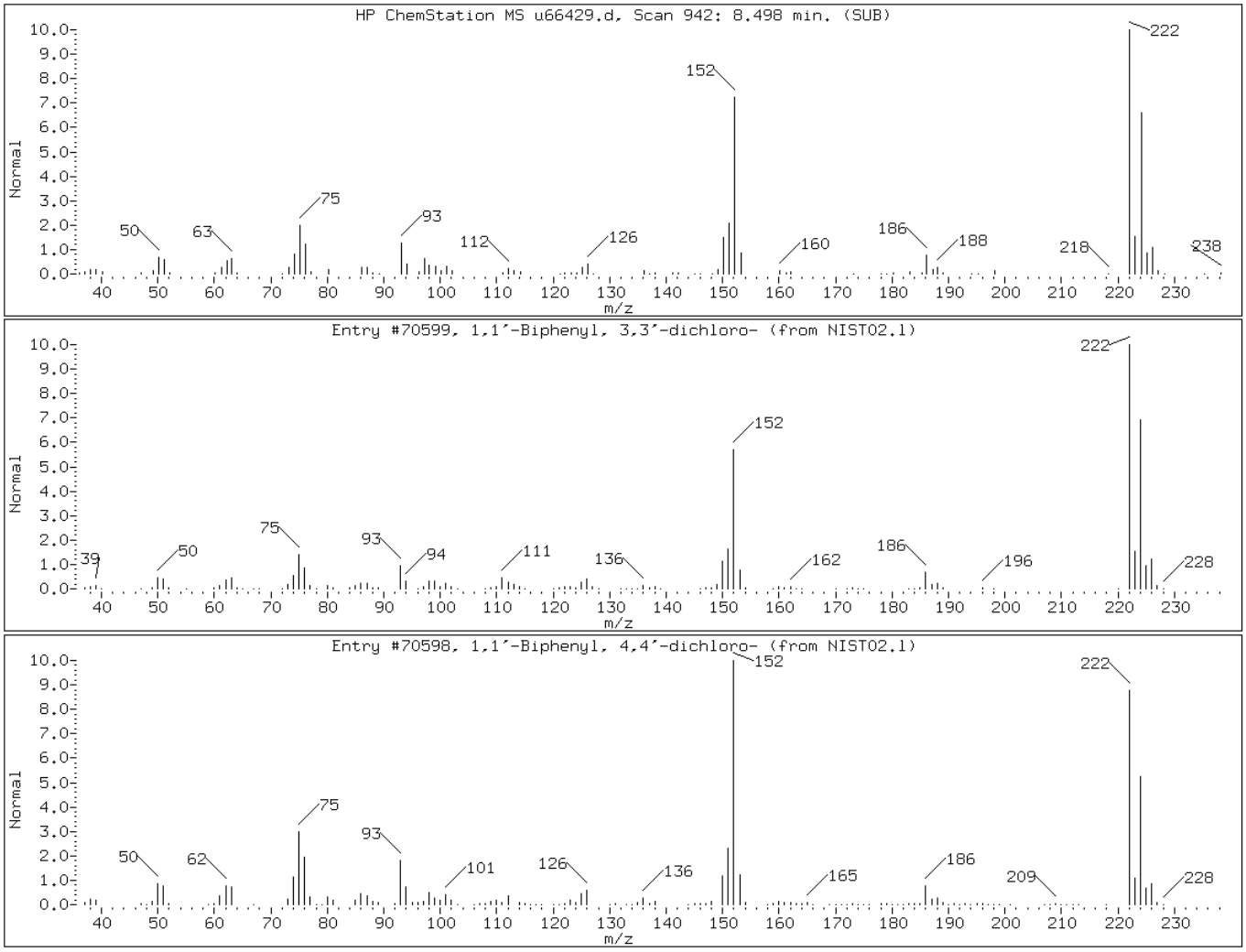
Date: 02-APR-2011 21:45

Client ID: PMP-24-SI-E (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-24280-F-13-C Operator: BNAMS 4

Retention Time: 8.50

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	98	C12H8Cl2	222
1,1'-Biphenyl, 4,4'-dichloro-	2050-68-2	NIST02.l	70598	98	C12H8Cl2	222



Data File: u66429.d

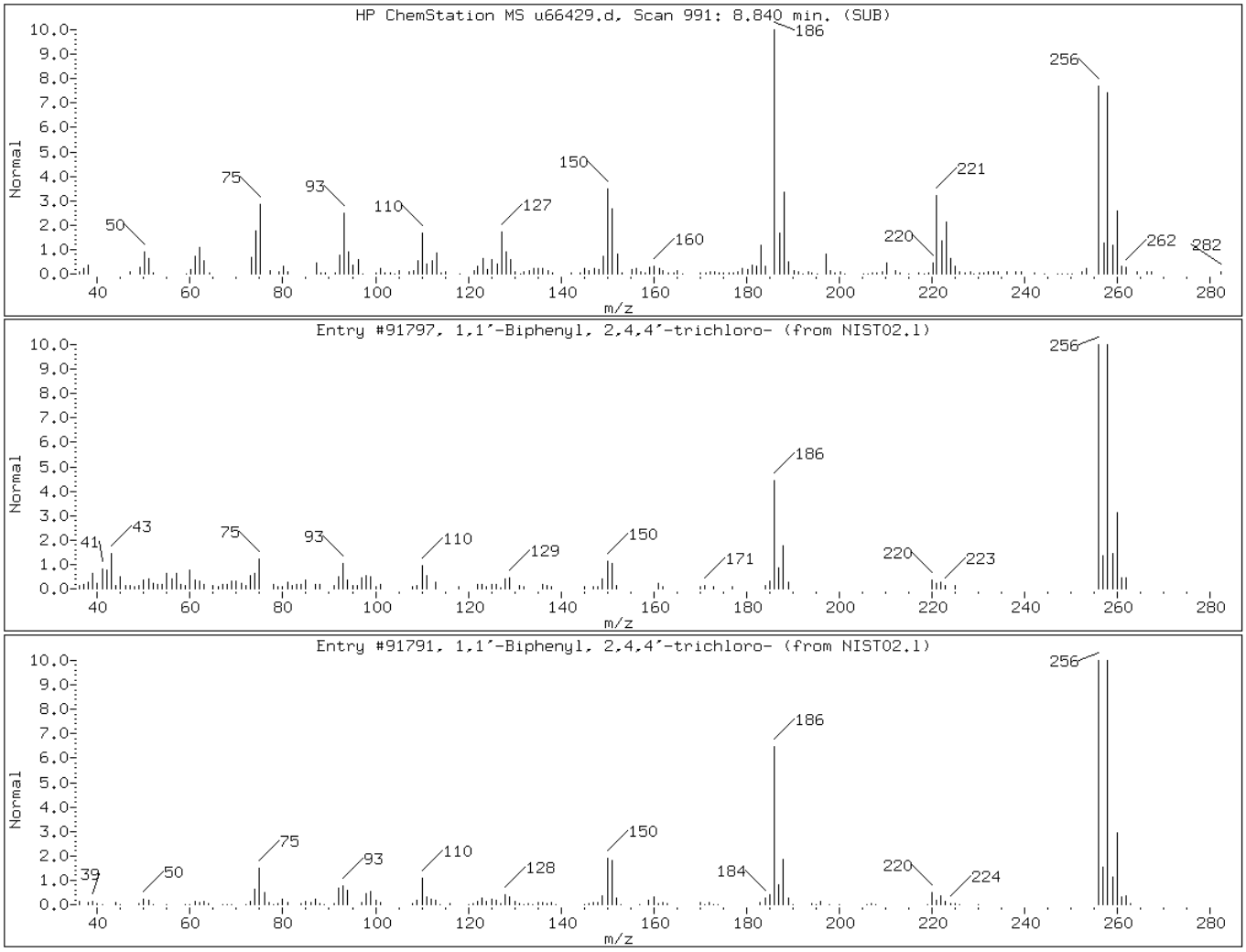
Date: 02-APR-2011 21:45

Client ID: PMP-24-SI-E (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-24280-F-13-C 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, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91797	97	C12H7Cl3	256
1,1'-Biphenyl, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91791	95	C12H7Cl3	256



Data File: u66429.d

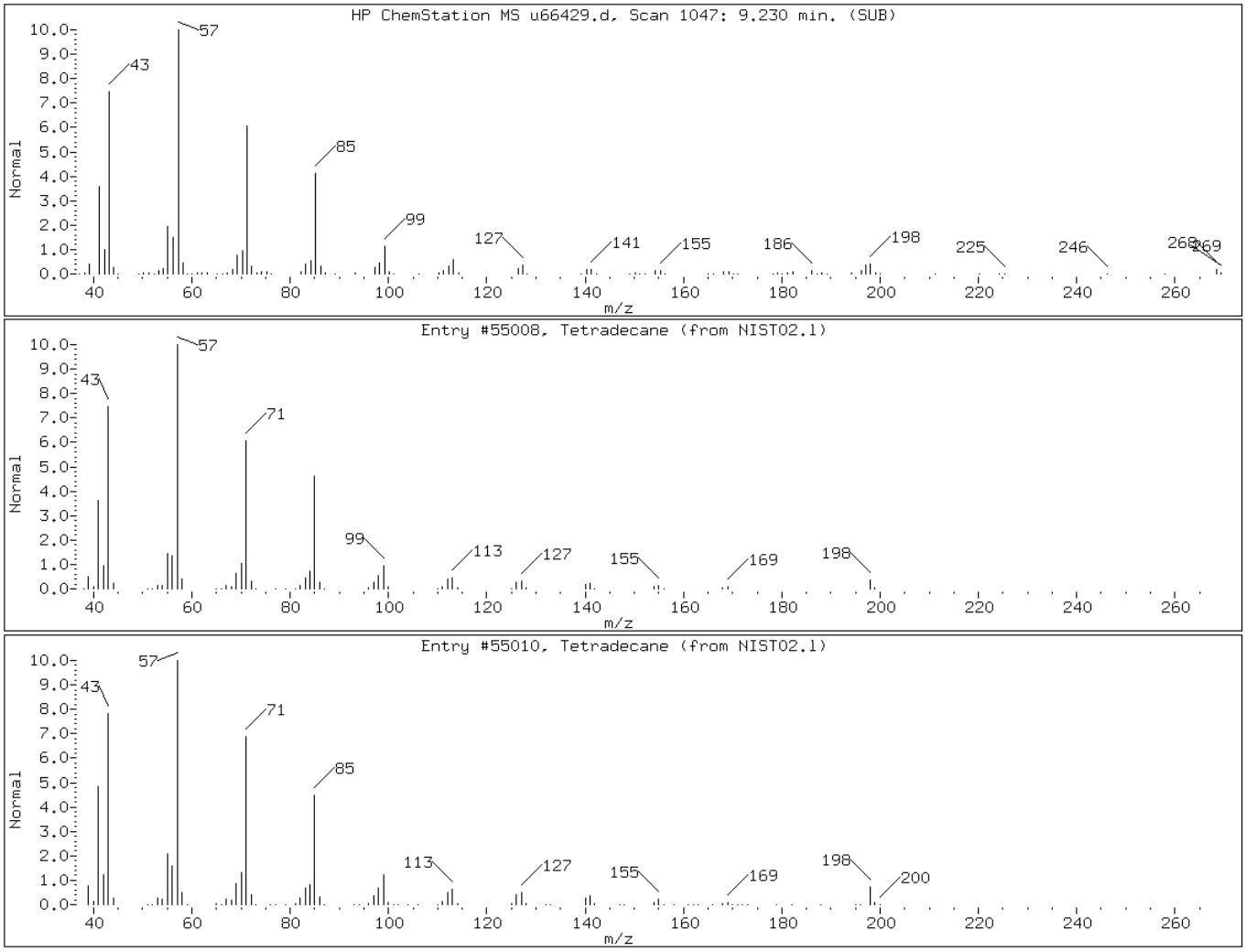
Date: 02-APR-2011 21:45

Client ID: PMP-24-SI-E (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-24280-F-13-C Operator: BNAMS 4

Retention Time: 9.23

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-14						
Tetradecane	629-59-4	NIST02.l	55008	98	C14H30	198
Tetradecane	629-59-4	NIST02.l	55010	97	C14H30	198



Data File: u66429.d

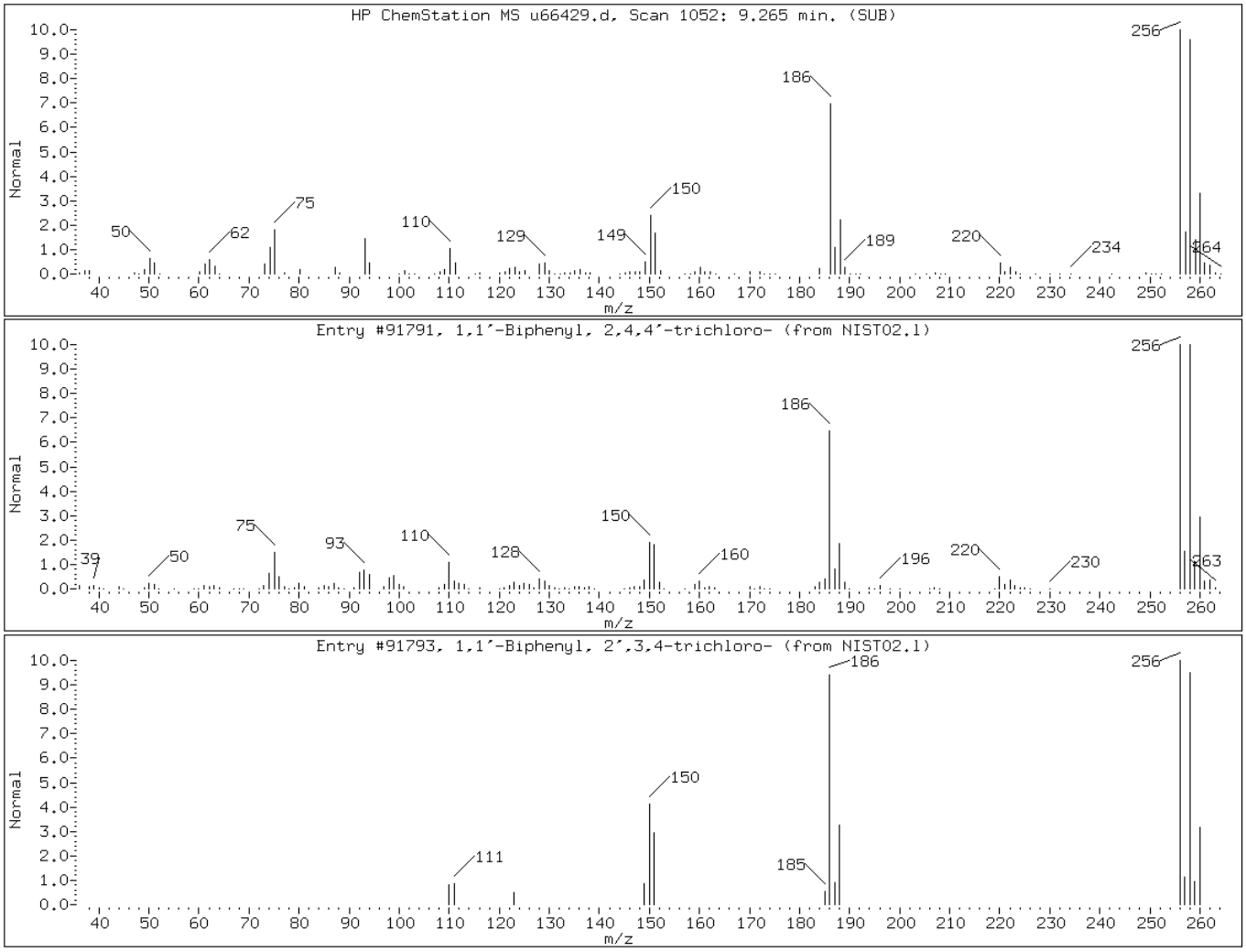
Date: 02-APR-2011 21:45

Client ID: PMP-24-SI-E (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-24280-F-13-C Operator: BNAMS 4

Retention Time: 9.27

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	97	C12H7Cl3	256
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	97	C12H7Cl3	256



Data File: u66429.d

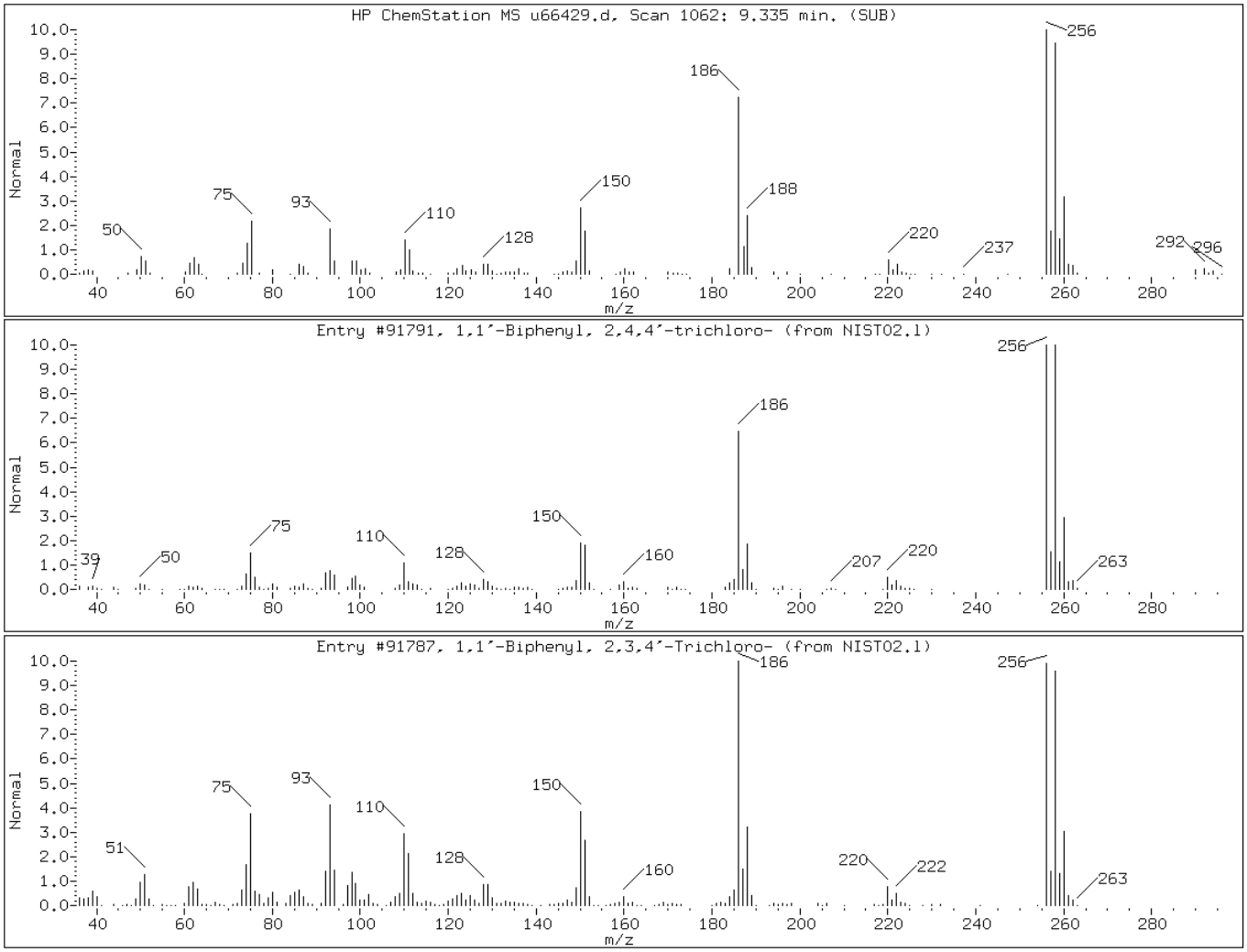
Date: 02-APR-2011 21:45

Client ID: PMP-24-SI-E (10.5-1 Instrument: BNAMS4.i

Sample Info: 460-24280-F-13-C Operator: BNAMS 4

Retention Time: 9.34

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, 2,3,4'-Trichloro-	38444-85-8	NIST02.l	91787	99	C12H7Cl3	256



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-2-VD-E (3.5-4.0) | Lab Sample ID: 460-24280-14

Matrix: Solid | Lab File ID: p10205.d

Analysis Method: 8270C | Date Collected: 03/17/2011 11:19

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.00(g) | Date Analyzed: 04/02/2011 11:57

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	340	U	340	42
95-57-8	2-Chlorophenol	340	U	340	46
95-48-7	2-Methylphenol	340	U	340	50
106-44-5	4-Methylphenol	340	U	340	57
100-52-7	Benzaldehyde	340	U	340	22
98-86-2	Acetophenone	340	U	340	51
111-44-4	Bis(2-chloroethyl)ether	34	U	34	7.2
108-60-1	2,2'-oxybis[1-chloropropane]	340	U	340	45
621-64-7	N-Nitrosodi-n-propylamine	34	U	34	4.6
98-95-3	Nitrobenzene	34	U	34	7.7
67-72-1	Hexachloroethane	34	U	34	5.8
78-59-1	Isophorone	340	U	340	40
88-75-5	2-Nitrophenol	340	U	340	57
105-67-9	2,4-Dimethylphenol	340	U	340	55
120-83-2	2,4-Dichlorophenol	340	U	340	55
111-91-1	Bis(2-chloroethoxy)methane	340	U	340	49
91-20-3	Naphthalene	91	J	340	50
106-47-8	4-Chloroaniline	340	U	340	43
87-68-3	Hexachlorobutadiene	70	U	70	14
105-60-2	Caprolactam	340	U	340	47
59-50-7	4-Chloro-3-methylphenol	340	U	340	58
91-57-6	2-Methylnaphthalene	150	J	340	50
118-74-1	Hexachlorobenzene	34	U	34	4.8
77-47-4	Hexachlorocyclopentadiene	340	U	340	100
88-06-2	2,4,6-Trichlorophenol	340	U	340	62
95-95-4	2,4,5-Trichlorophenol	340	U	340	66
92-52-4	Diphenyl	340	U	340	57
91-58-7	2-Chloronaphthalene	340	U	340	49
88-74-4	2-Nitroaniline	700	U	700	94
606-20-2	2,6-Dinitrotoluene	70	U	70	8.8
131-11-3	Dimethyl phthalate	340	U	340	47
208-96-8	Acenaphthylene	340	U	340	49
99-09-2	3-Nitroaniline	700	U	700	78
83-32-9	Acenaphthene	340	U	340	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-2-VD-E (3.5-4.0) | Lab Sample ID: 460-24280-14

Matrix: Solid | Lab File ID: p10205.d

Analysis Method: 8270C | Date Collected: 03/17/2011 11:19

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.00(g) | Date Analyzed: 04/02/2011 11:57

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1000	U	1000	89
51-28-5	2,4-Dinitrophenol	1000	U	1000	73
132-64-9	Dibenzofuran	340	U	340	52
84-66-2	Diethyl phthalate	340	U	340	46
86-73-7	Fluorene	340	U	340	58
206-44-0	Fluoranthene	340	U	340	57
84-74-2	Di-n-butyl phthalate	340	U	340	53
121-14-2	2,4-Dinitrotoluene	70	U	70	10
7005-72-3	4-Chlorophenyl phenyl ether	340	U	340	59
100-01-6	4-Nitroaniline	700	U	700	71
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	1000	160
101-55-3	4-Bromophenyl phenyl ether	340	U	340	61
1912-24-9	Atrazine	340	U	340	64
120-12-7	Anthracene	340	U	340	61
86-74-8	Carbazole	340	U	340	55
85-01-8	Phenanthrene	340	U	340	60
87-86-5	Pentachlorophenol	1000	U	1000	170
129-00-0	Pyrene	340	U	340	60
218-01-9	Chrysene	340	U	340	50
207-08-9	Benzo[k]fluoranthene	34	U	34	4.8
191-24-2	Benzo[g,h,i]perylene	340	U	340	36
205-99-2	Benzo[b]fluoranthene	34	U	34	5.1
50-32-8	Benzo[a]pyrene	34	U	34	4.2
56-55-3	Benzo[a]anthracene	34	U	34	6.4
86-30-6	N-Nitrosodiphenylamine	340	U	340	56
85-68-7	Butyl benzyl phthalate	340	U	340	40
117-81-7	Bis(2-ethylhexyl) phthalate	340	U	340	46
117-84-0	Di-n-octyl phthalate	340	U	340	41
193-39-5	Indeno[1,2,3-cd]pyrene	34	U	34	5.5
53-70-3	Dibenz(a,h)anthracene	34	U	34	4.1
91-94-1	3,3'-Dichlorobenzidine	700	U	700	76
95-94-3	1,2,4,5-Tetrachlorobenzene	340	U	340	46
58-90-2	2,3,4,6-Tetrachlorophenol	340	U	340	69

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-2-VD-E (3.5-4.0) Lab Sample ID: 460-24280-14

Matrix: Solid Lab File ID: p10205.d

Analysis Method: 8270C Date Collected: 03/17/2011 11:19

Extract. Method: 3541 Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.00(g) Date Analyzed: 04/02/2011 11:57

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 4.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	81		38-105
4165-62-2	Phenol-d5	72		41-118
1718-51-0	Terphenyl-d14	81		16-151
118-79-6	2,4,6-Tribromophenol	78		10-120
367-12-4	2-Fluorophenol	77		37-125
321-60-8	2-Fluorobiphenyl	84		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-2-VD-E (3.5-4.0) | Lab Sample ID: 460-24280-14

Matrix: Solid | Lab File ID: p10205.d

Analysis Method: 8270C | Date Collected: 03/17/2011 11:19

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.00(g) | Date Analyzed: 04/02/2011 11:57

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 4.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69508 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 67600

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	6.03	1600	J
	Unknown Alkane-2	6.21	2700	J
	Unknown Alkane-3	6.79	1600	J
	Unknown Alkane-4	7.11	1500	J
	Unknown Alkane-8	7.82	2400	J
	Unknown Alkane-10	8.04	1800	J
	Unknown-4	8.12	2700	J
	Unknown Alkane-11	8.29	13000	J
	Unknown Cycloalkane	8.34	1900	J
	Unknown Alkane-12	8.48	3500	J
	Unknown Alkane-13	8.51	1900	J
	Unknown Alkane-14	8.57	1600	J
593-45-3	n-Octadecane	8.74	7100	
	Unknown Alkane-15	8.76	6300	J
	Unknown Alkane-16	8.91	2000	J
	Unknown Alkane-17	9.15	5300	J
	Unknown Alkane-18	9.31	2300	J
	Unknown Alkane-19	9.55	4200	J
	Unknown Alkane-20	9.70	1700	J
	Unknown Alkane-21	9.93	2500	J

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10205.d
Report Date: 05-Apr-2011 11:30

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10205.d
Lab Smp Id: 460-24280-F-14-C Client Smp ID: PMP-2-VD-E (3.5-4.0
Inj Date : 02-APR-2011 11:57
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24280-F-14-C
Misc Info : 460-24280-F-14-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/8270C_08SP.m
Meth Date : 02-Apr-2011 06:27 asfawa Quant Type: ISTD
Cal Date : 31-MAR-2011 01:00 Cal File: p10127.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	15.00000	Weight of sample extracted (g)
M	4.09091	% 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	2.760	2.748	(0.667)	637087	77.1229	5400
$ 17 Phenol-d5 (SUR)	99	3.771	3.776	(0.911)	711019	72.3435	5000
* 79 1,4-Dichlorobenzene-d4	152	4.141	4.146	(1.000)	252035	40.0000	
22 1,4-Dichlorobenzene	146	4.158	4.164	(1.004)	9706	0.94762	66(a)
23 1,2-Dichlorobenzene	146	4.329	4.329	(1.045)	3258	0.34373	24(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.752	4.758	(0.862)	343498	40.5962	2800
30 1,2,4-Trichlorobenzene	180	5.469	5.474	(0.991)	27444	3.89412	270
* 80 Naphthalene-d8	136	5.516	5.521	(1.000)	846354	40.0000	
31 Naphthalene	128	5.539	5.545	(1.004)	29645	1.30313	90(a)
34 2-Methylnaphthalene	142	6.268	6.268	(1.136)	30253	2.09993	140(a)
120 1-Methylnaphthalene	142	6.368	6.367	(1.154)	21599	1.52800	110(a)
$ 77 2-Fluorobiphenyl (SUR)	172	6.655	6.655	(0.909)	583710	42.0569	2900
* 82 Acenaphthene-d10	164	7.319	7.319	(1.000)	425711	40.0000	

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10205.d
Report Date: 05-Apr-2011 11:30

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 18 2,4,6-Tribromophenol (SUR)	330	8.107	8.107	(1.108)	115664	77.7858	5400
* 83 Phenanthrene-d10	188	8.788	8.788	(1.000)	654579	40.0000	
115 n-Octadecane	57	8.735	8.729	(0.994)	841884	101.626	7100
$ 78 Terphenyl-d14	244	10.363	10.369	(0.906)	499138	40.2990	2800
* 81 Chrysene-d12	240	11.438	11.450	(1.000)	563276	40.0000	
* 84 Perylene-d12	264	13.230	13.236	(1.000)	494147	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10205.d
Report Date: 05-Apr-2011 11:30

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10205.d
Lab Smp Id: 460-24280-F-14-C Client Smp ID: PMP-2-VD-E (3.5-4.0
Inj Date : 02-APR-2011 11:57
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : 460-24280-F-14-C
Misc Info : 460-24280-F-14-C
Comment   :
Method   : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/8270C_08SP.m
Meth Date : 02-Apr-2011 06:27 asfawa Quant Type: ISTD
Cal Date : 31-MAR-2011 01:00 Cal File: p10127.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	15.00000	Weight of sample extracted (g)
M	4.09091	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 80 Naphthalene-d8	5.516	2445477	40.000
* 82 Acenaphthene-d10	7.319	6905599	40.000
* 83 Phenanthrene-d10	8.788	1996926	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-1					CAS #:		
6.033	1438786	23.5338217	1600	0		0	80

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10205.d
Report Date: 05-Apr-2011 11:30

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-2				CAS #:			
6.209	2359868	38.5997055	2700	0		0	80
Unknown Alkane-3				CAS #:			
6.791	3893935	22.5552320	1600	0		0	82
Unknown-1				CAS #:			
7.037	1902446	11.0197286	760	0		0	82
Unknown Alkane-4				CAS #:			
7.114	3657795	21.1874140	1500	0		0	82
Unknown-2				CAS #:			
7.237	1575830	9.12783954	630	0		0	82
Unknown-3				CAS #:			
7.361	2148760	12.4464760	860	0		0	82
Unknown Alkane-5				CAS #:			
7.554	1557049	9.01904988	630	0		0	82
Unknown Alkane-6				CAS #:			
7.584	1249883	7.23982113	500	0		0	82
Unknown Alkane-7				CAS #:			
7.643	2007290	11.6270255	810	0		0	82
Unknown Alkane-8				CAS #:			
7.825	5894173	34.1414076	2400	0		0	82
Unknown Alkane-9				CAS #:			
7.854	1848007	10.7043988	740	0		0	82
Unknown Alkane-10				CAS #:			
8.042	4429848	25.6594530	1800	0		0	82
Unknown-4				CAS #:			
8.118	1909853	38.2558369	2600	0		0	83(L)
Unknown Alkane-11				CAS #:			
8.295	9587819	192.051484	13000	0		0	83
Unknown Cycloalkane				CAS #:			
8.342	1399231	28.0276782	1900	0		0	83

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10205.d
Report Date: 05-Apr-2011 11:30

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-12				CAS #:			
8.477	2502739	50.1318022	3500	0		0	83
Unknown Alkane-13				CAS #:			
8.512	1366598	27.3740198	1900	0		0	83
Unknown Alkane-14				CAS #:			
8.571	1167612	23.3881801	1600	0		0	83
Unknown Alkane-15				CAS #:			
8.765	4496137	90.0611193	6300	0		0	83
Unknown Alkane-16				CAS #:			
8.906	1426068	28.5652467	2000	0		0	83
Unknown Alkane-17				CAS #:			
9.153	3830574	76.7293810	5300	0		0	83
Unknown Alkane-18				CAS #:			
9.311	1669352	33.4384198	2300	0		0	83
Unknown Alkane-19				CAS #:			
9.552	3014927	60.3913354	4200	0		0	83
Unknown Alkane-20				CAS #:			
9.699	1187160	23.7797389	1600	0		0	83
Unknown Alkane-21				CAS #:			
9.934	1781598	35.6868048	2500	0		0	83

QC Flag Legend

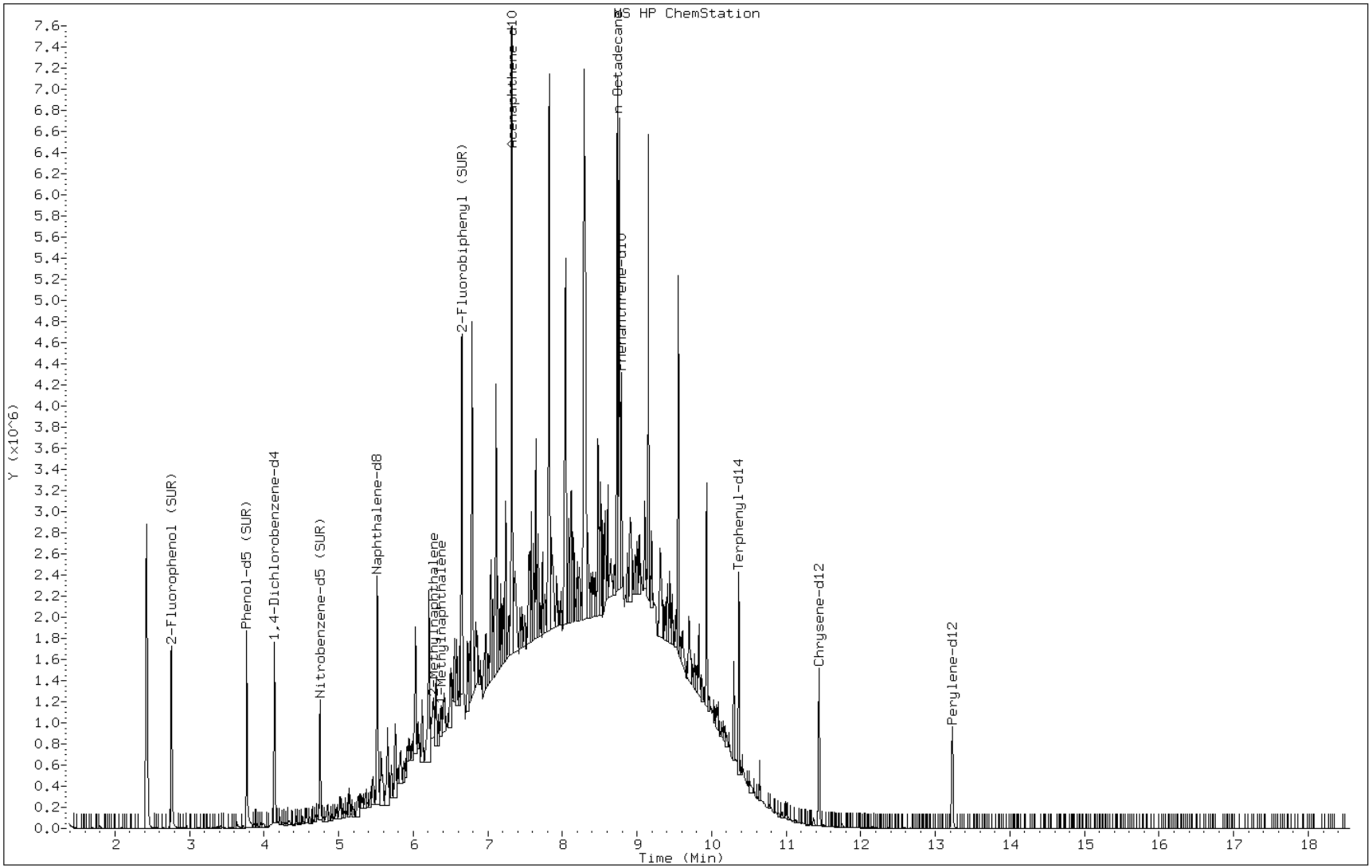
L - Operator selected an alternate library search match.

Data File: p10205.d

Date: 02-APR-2011 11:57

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-24280-F-14-C Operator: BNAMS 4



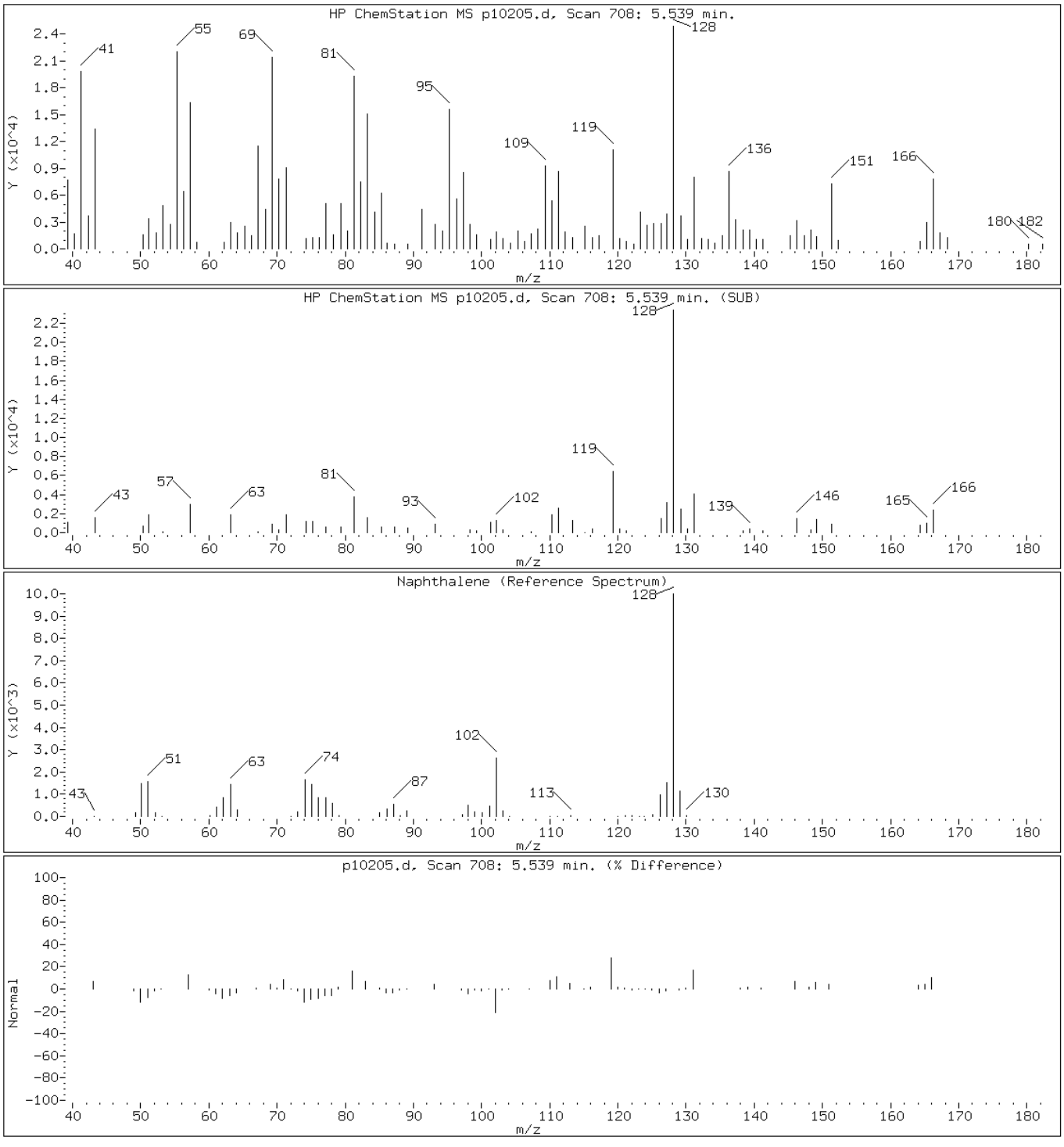
Data File: p10205.d

Date: 02-APR-2011 11:57

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-24280-F-14-C Operator: BNAMS 4

31 Naphthalene



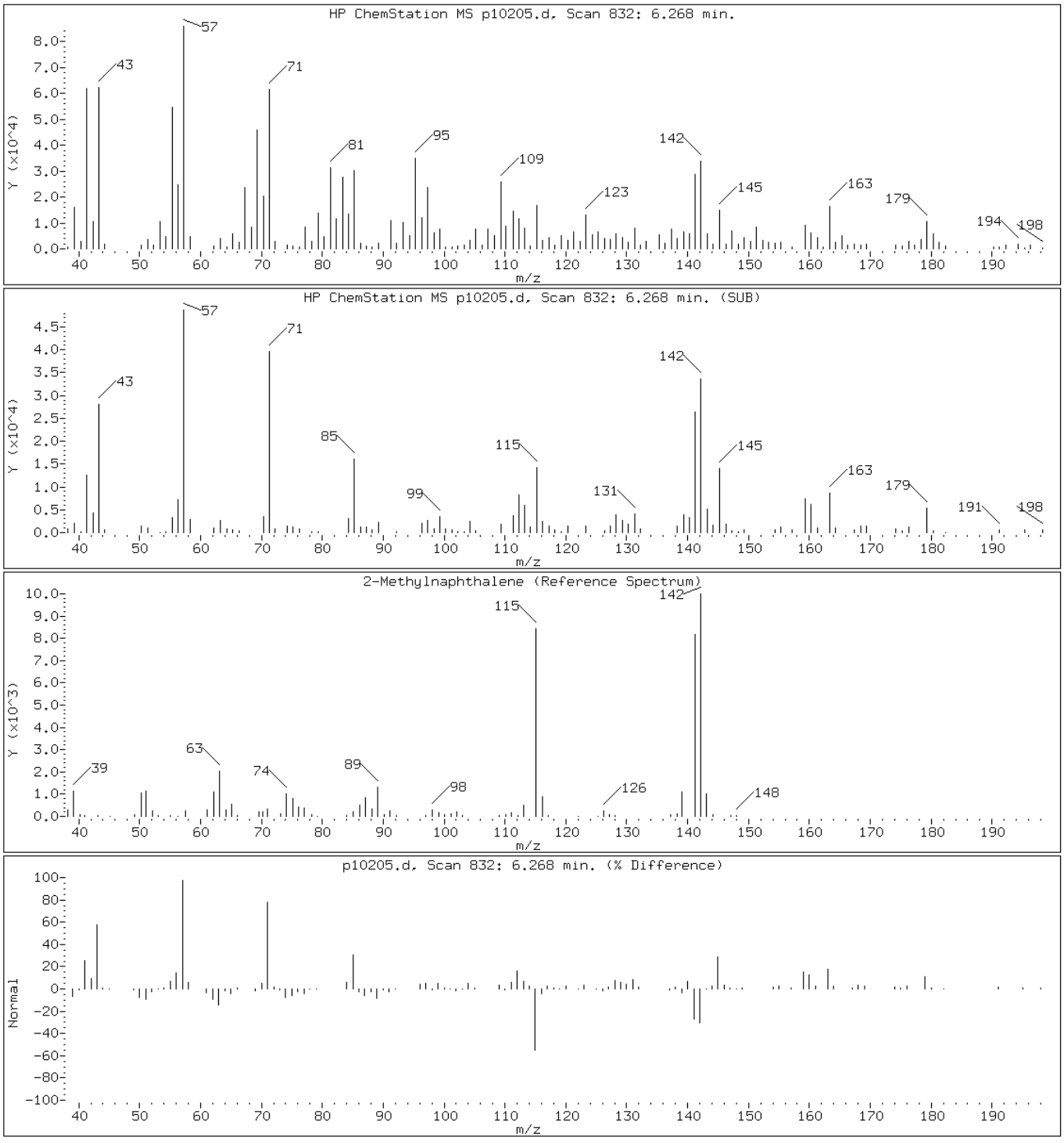
Data File: p10205.d

Date: 02-APR-2011 11:57

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-24280-F-14-C Operator: BNAMS 4

34 2-Methylnaphthalene



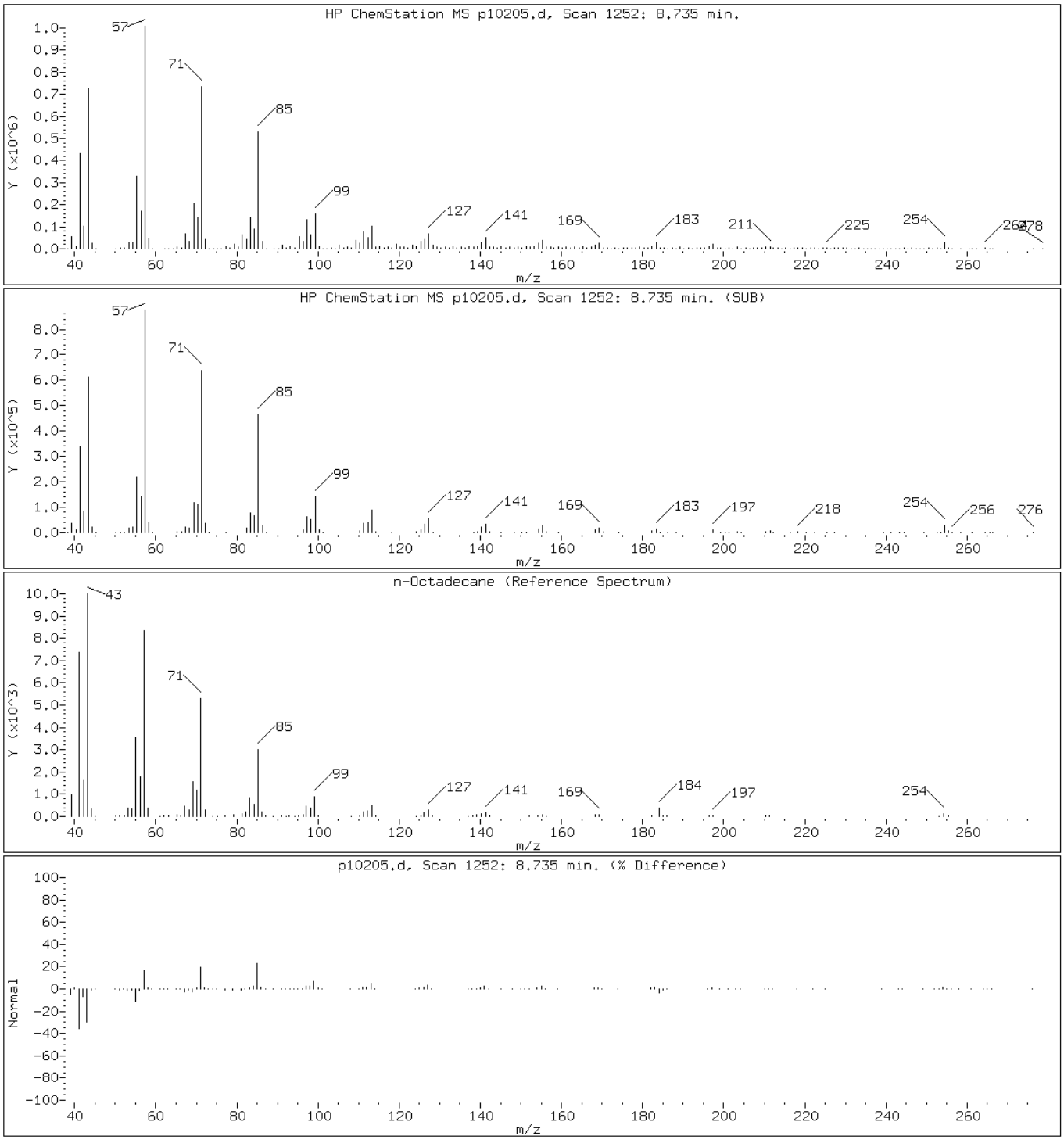
Data File: p10205.d

Date: 02-APR-2011 11:57

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-24280-F-14-C Operator: BNAMS 4

115 n-Octadecane



Data File: p10205.d

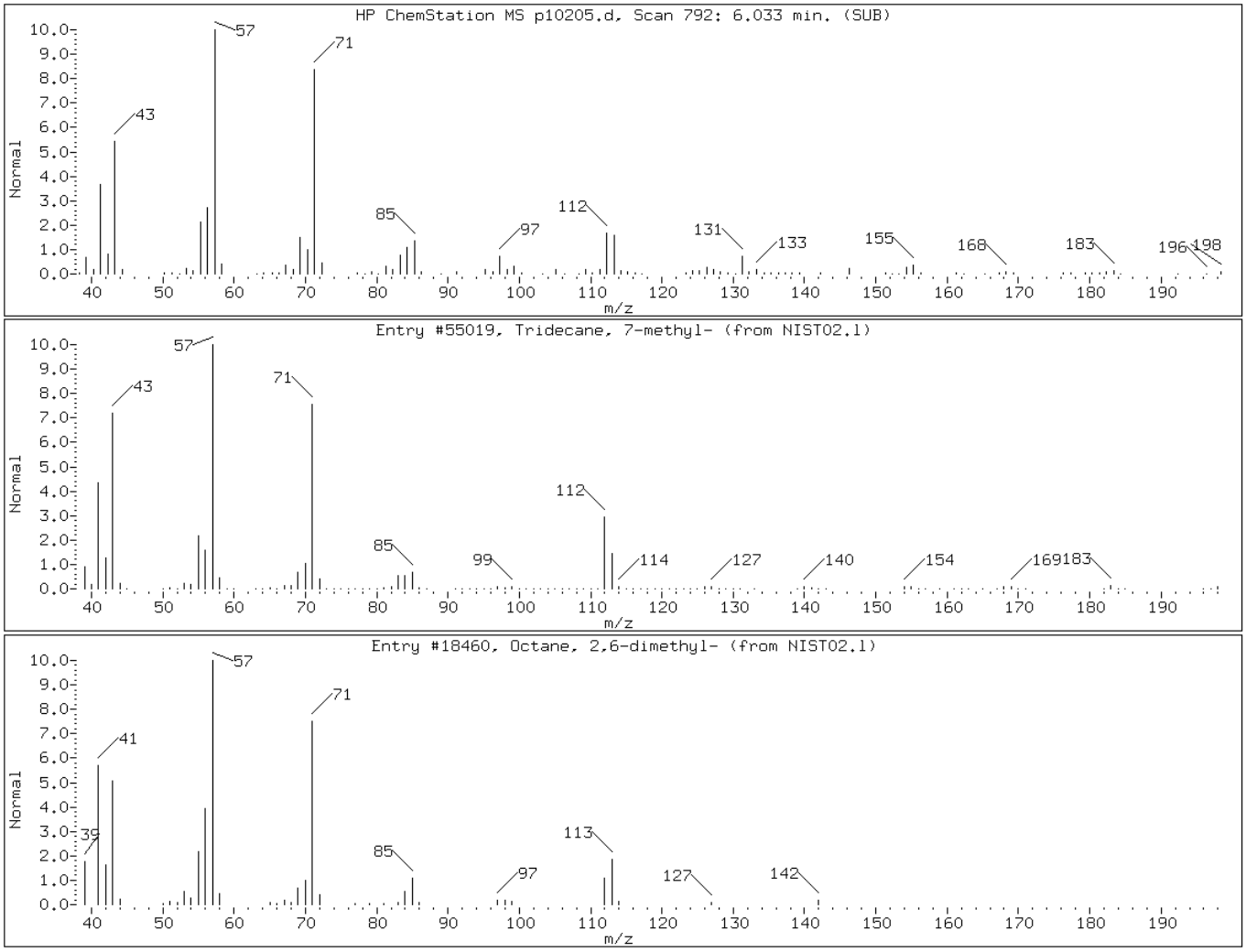
Date: 02-APR-2011 11:57

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-24280-F-14-C Operator: BNAMS 4

Retention Time: 6.03

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Tridecane, 7-methyl-	26730-14-3	NIST02.l	55019	90	C14H30	198
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18460	78	C10H22	142



Data File: p10205.d

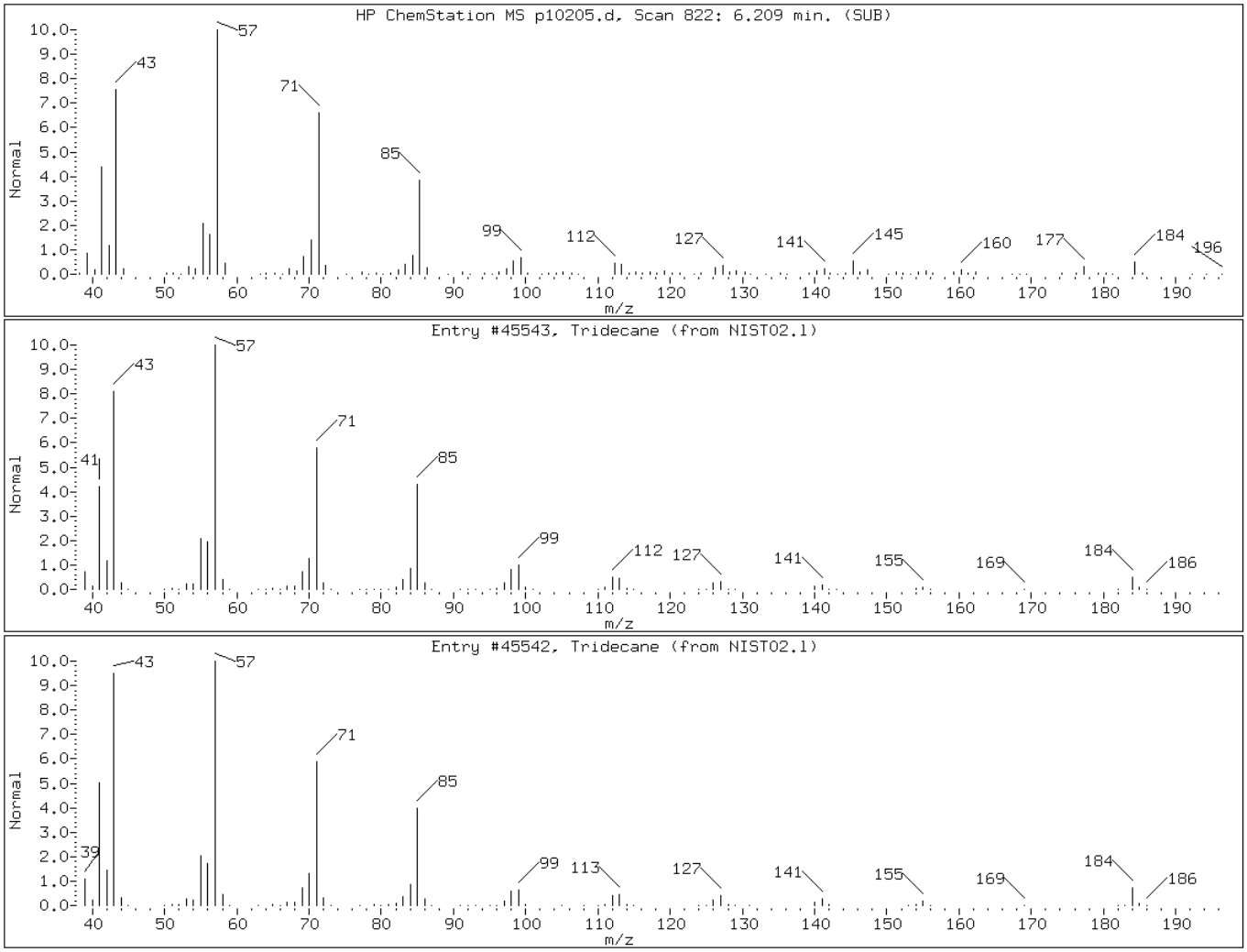
Date: 02-APR-2011 11:57

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-24280-F-14-C Operator: BNAMS 4

Retention Time: 6.21

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Tridecane	629-50-5	NIST02.l	45543	96	C13H28	184
Tridecane	629-50-5	NIST02.l	45542	95	C13H28	184



Data File: p10205.d

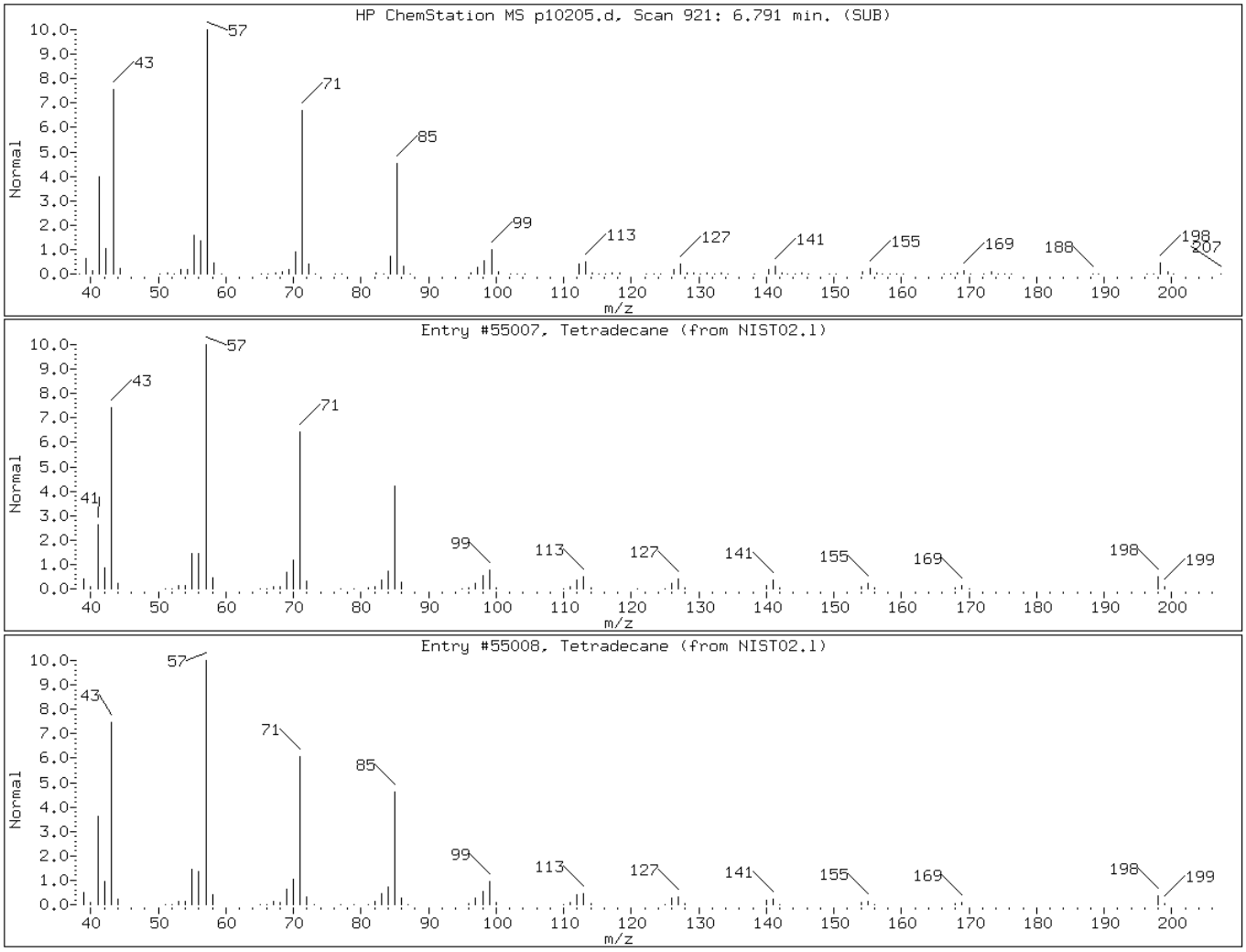
Date: 02-APR-2011 11:57

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-24280-F-14-C Operator: BNAMS 4

Retention Time: 6.79

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Tetradecane	629-59-4	NIST02.l	55007	98	C14H30	198
Tetradecane	629-59-4	NIST02.l	55008	98	C14H30	198



Data File: p10205.d

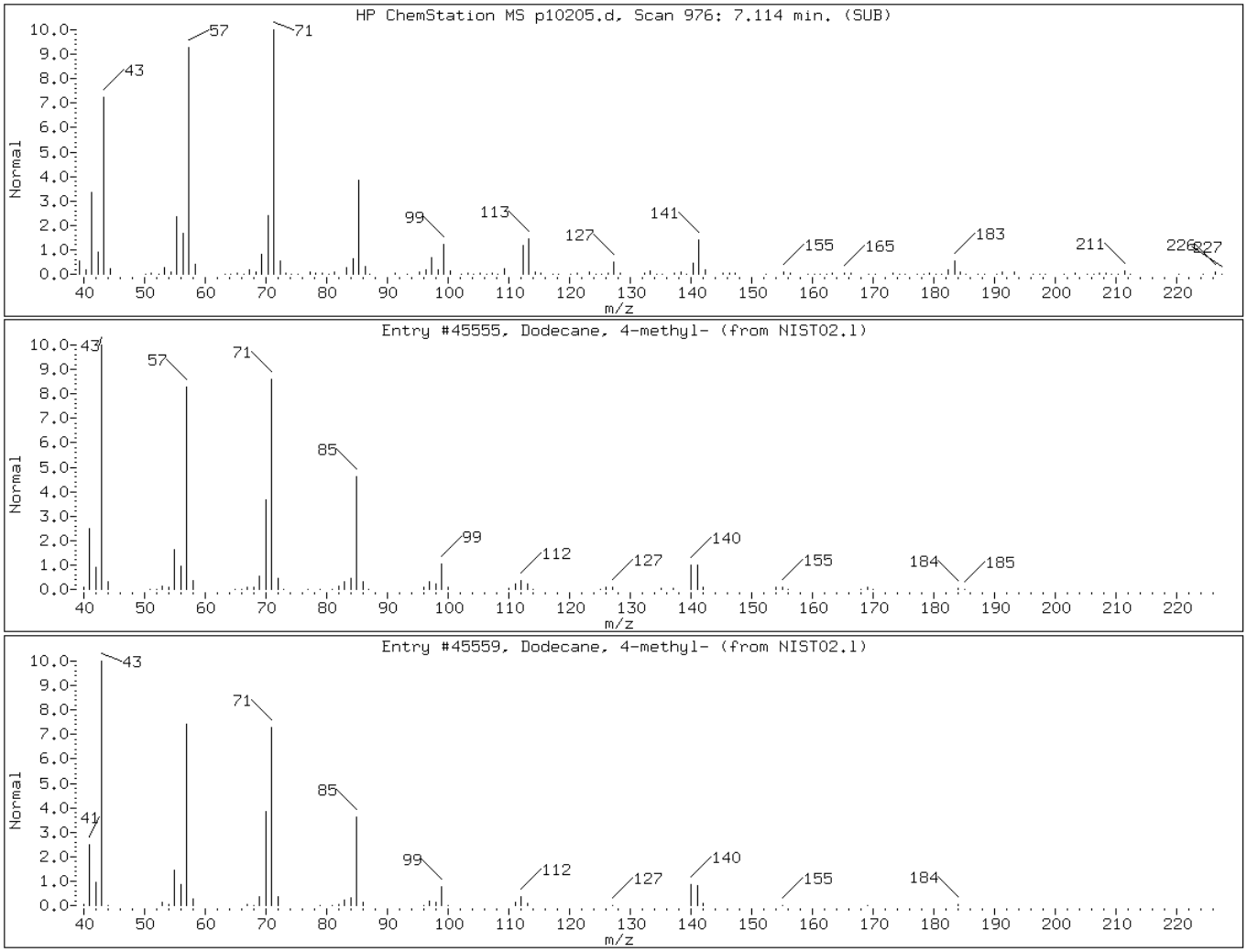
Date: 02-APR-2011 11:57

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-24280-F-14-C Operator: BNAMS 4

Retention Time: 7.11

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Dodecane, 4-methyl-	6117-97-1	NIST02.l	45555	74	C13H28	184
Dodecane, 4-methyl-	6117-97-1	NIST02.l	45559	72	C13H28	184



Data File: p10205.d

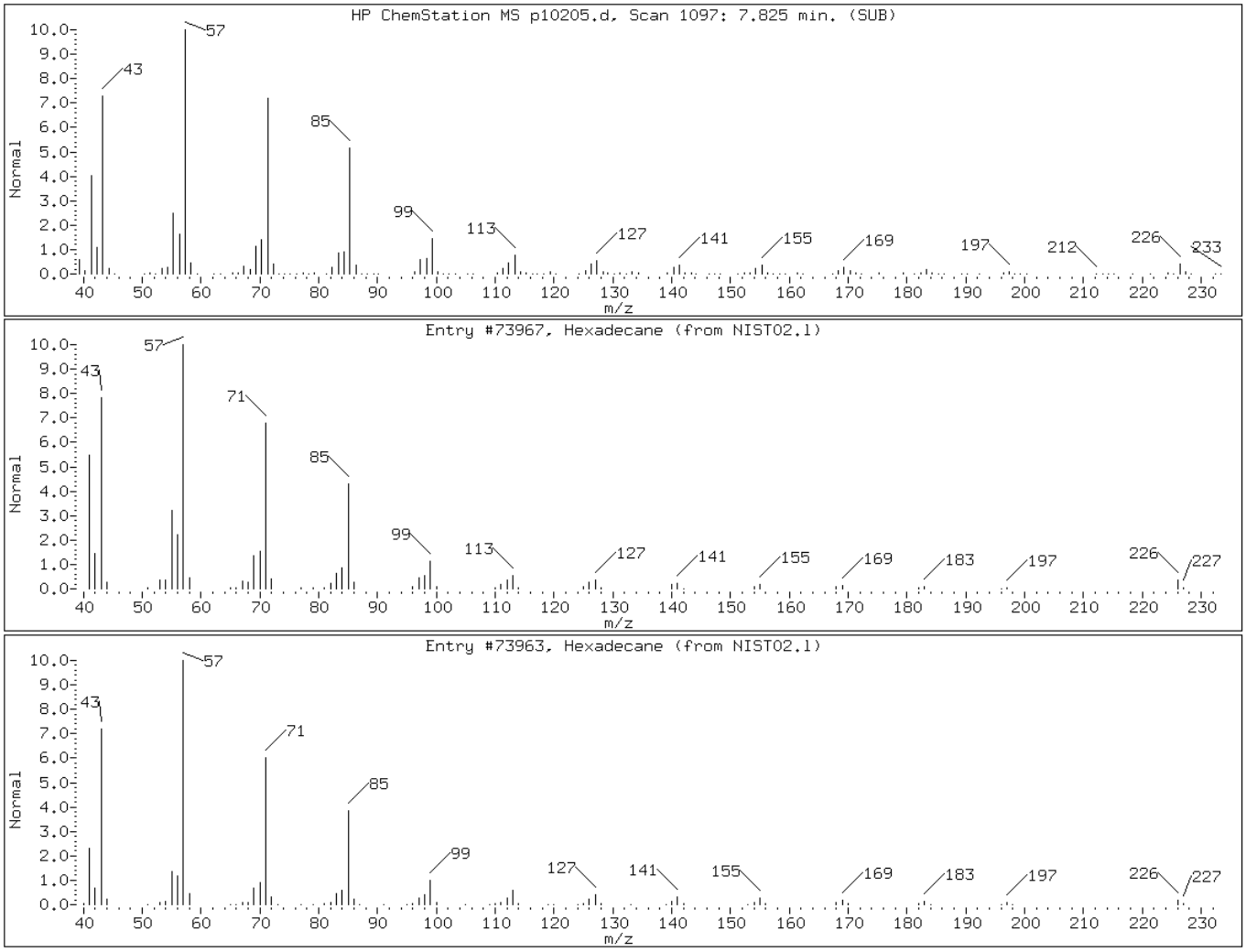
Date: 02-APR-2011 11:57

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-24280-F-14-C Operator: BNAMS 4

Retention Time: 7.82

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Hexadecane	544-76-3	NIST02.l	73967	98	C16H34	226
Hexadecane	544-76-3	NIST02.l	73963	98	C16H34	226



Data File: p10205.d

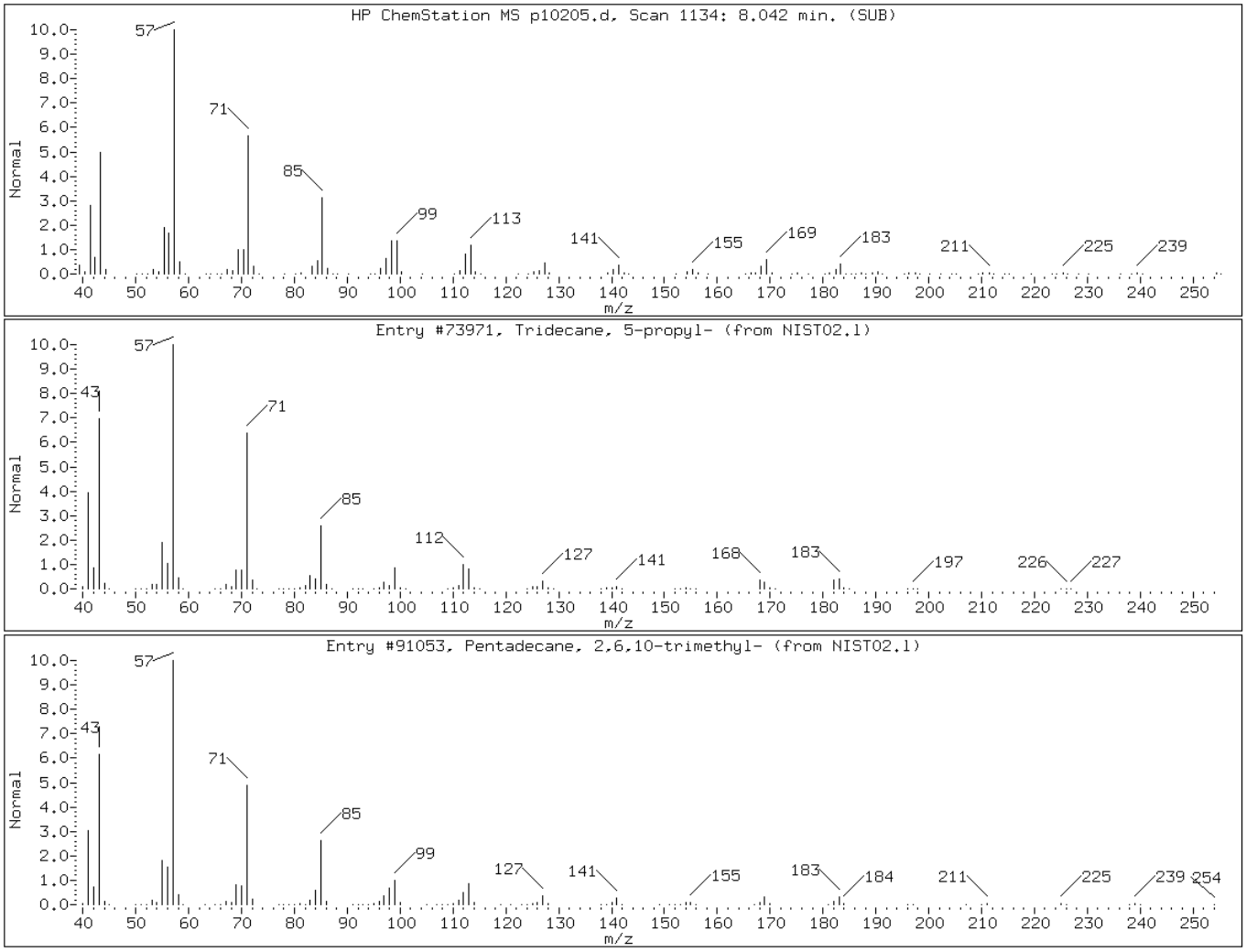
Date: 02-APR-2011 11:57

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-24280-F-14-C Operator: BNAMS 4

Retention Time: 8.04

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
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: p10205.d

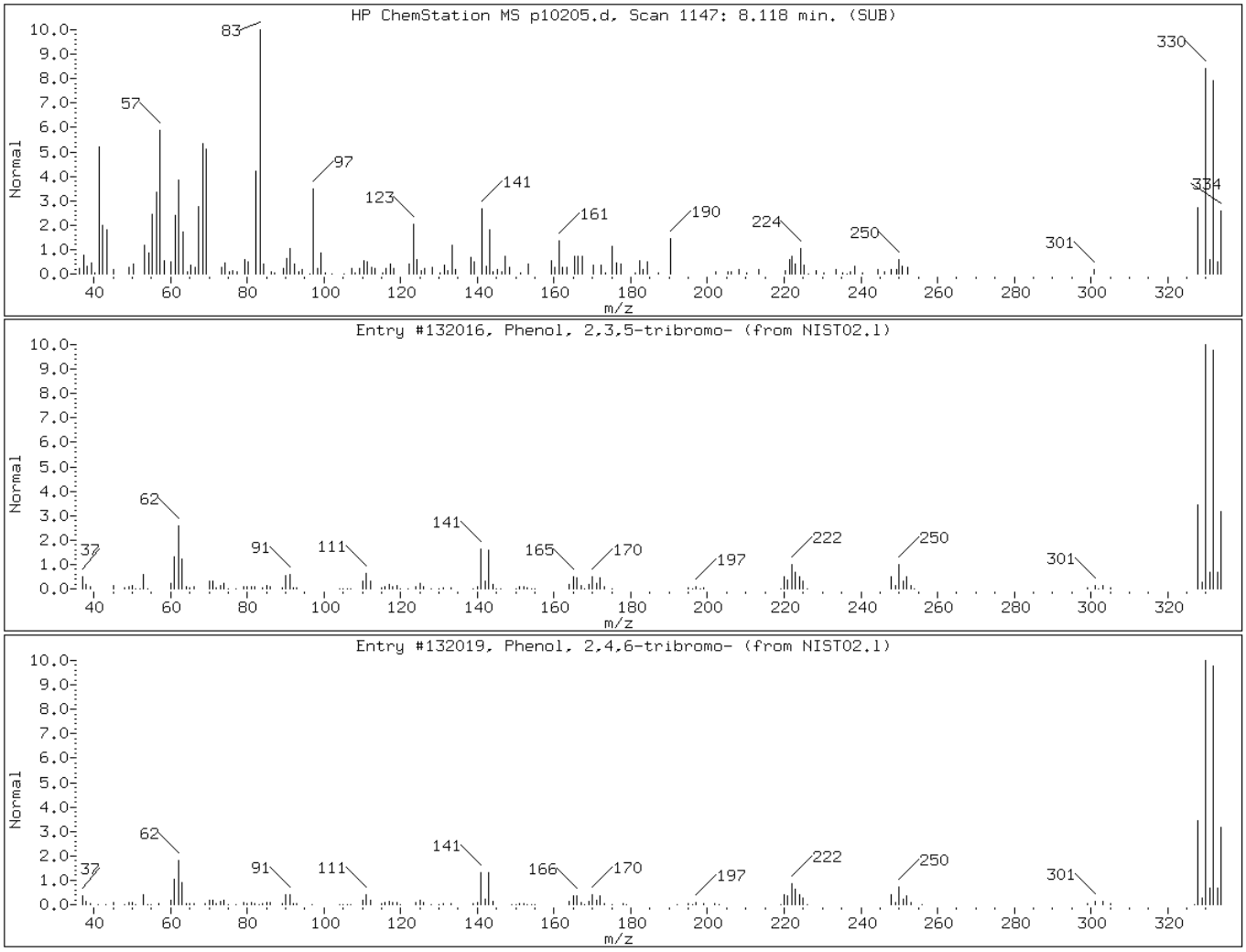
Date: 02-APR-2011 11:57

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-24280-F-14-C Operator: BNAMS 4

Retention Time: 8.12

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-4						
Phenol, 2,3,5-tribromo-	57383-81-0	NIST02.l	132016	87	C6H3Br3O	328
Phenol, 2,4,6-tribromo-	118-79-6	NIST02.l	132019	86	C6H3Br3O	328



Data File: p10205.d

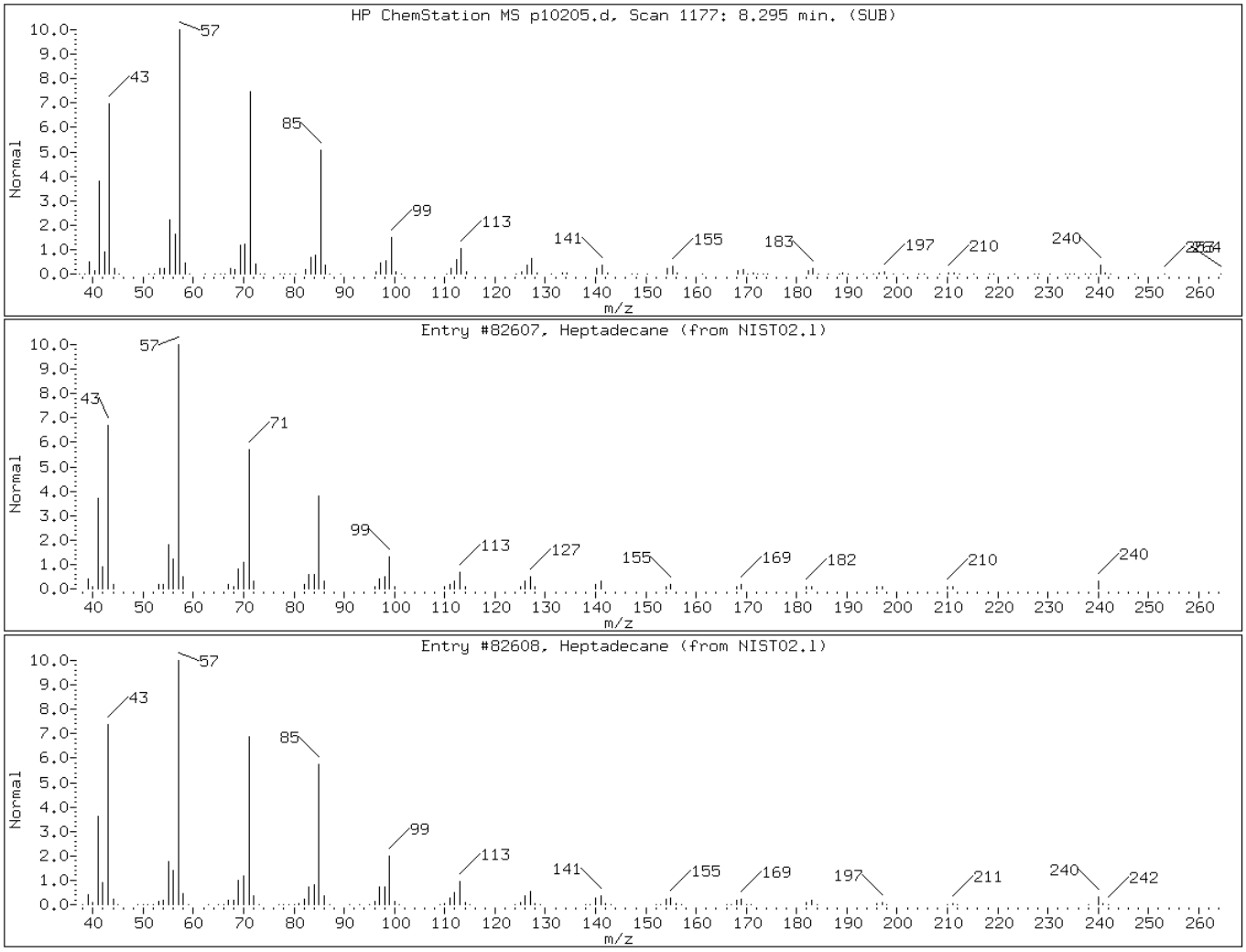
Date: 02-APR-2011 11:57

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-24280-F-14-C Operator: BNAMS 4

Retention Time: 8.29

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Heptadecane	629-78-7	NIST02.l	82607	98	C17H36	240
Heptadecane	629-78-7	NIST02.l	82608	96	C17H36	240



Data File: p10205.d

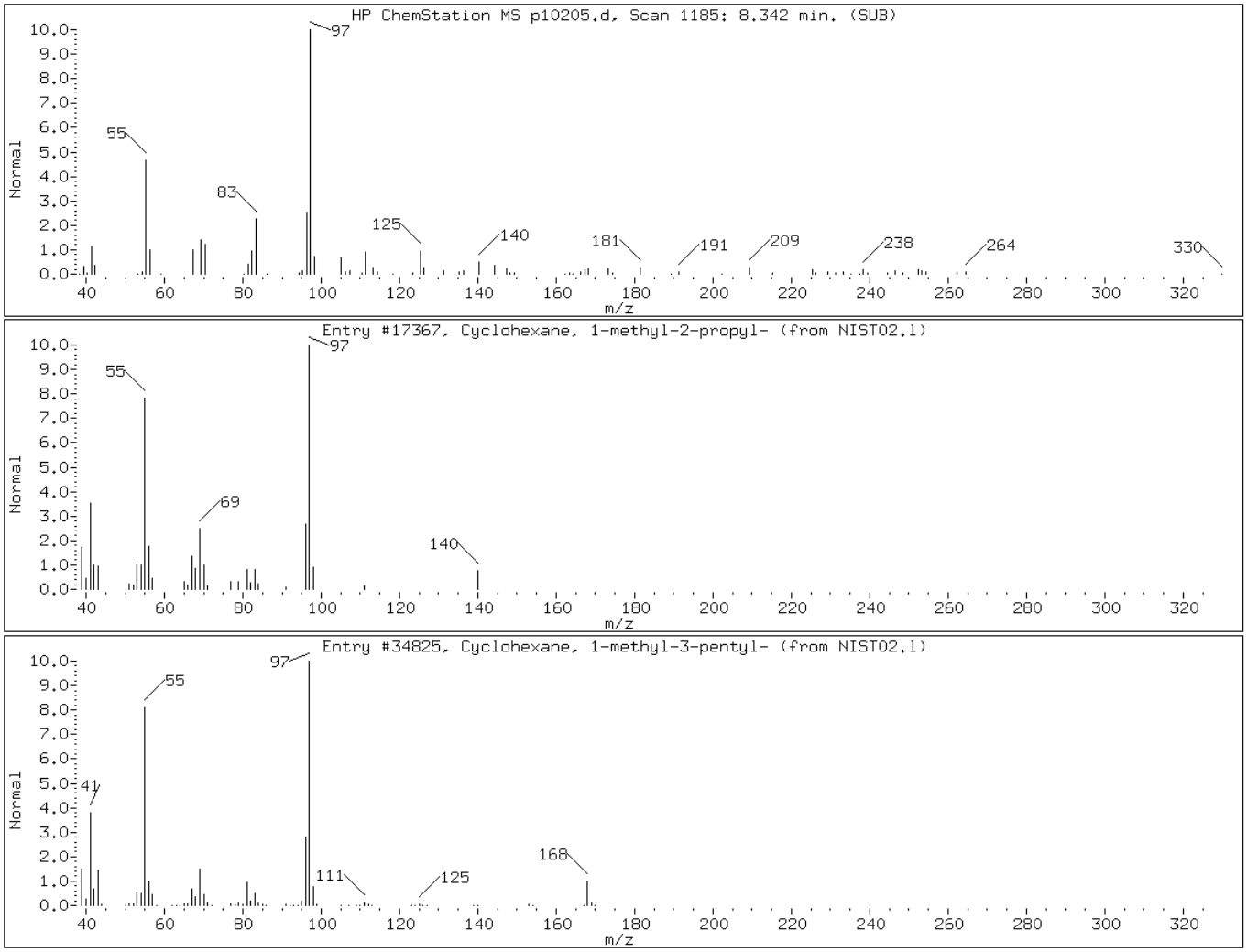
Date: 02-APR-2011 11:57

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-24280-F-14-C Operator: BNAMS 4

Retention Time: 8.34

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Cyclohexane, 1-methyl-2-propyl-	4291-79-6	NIST02.l	17367	53	C10H20	140
Cyclohexane, 1-methyl-3-pentyl-	54411-02-8	NIST02.l	34825	53	C12H24	168



Data File: p10205.d

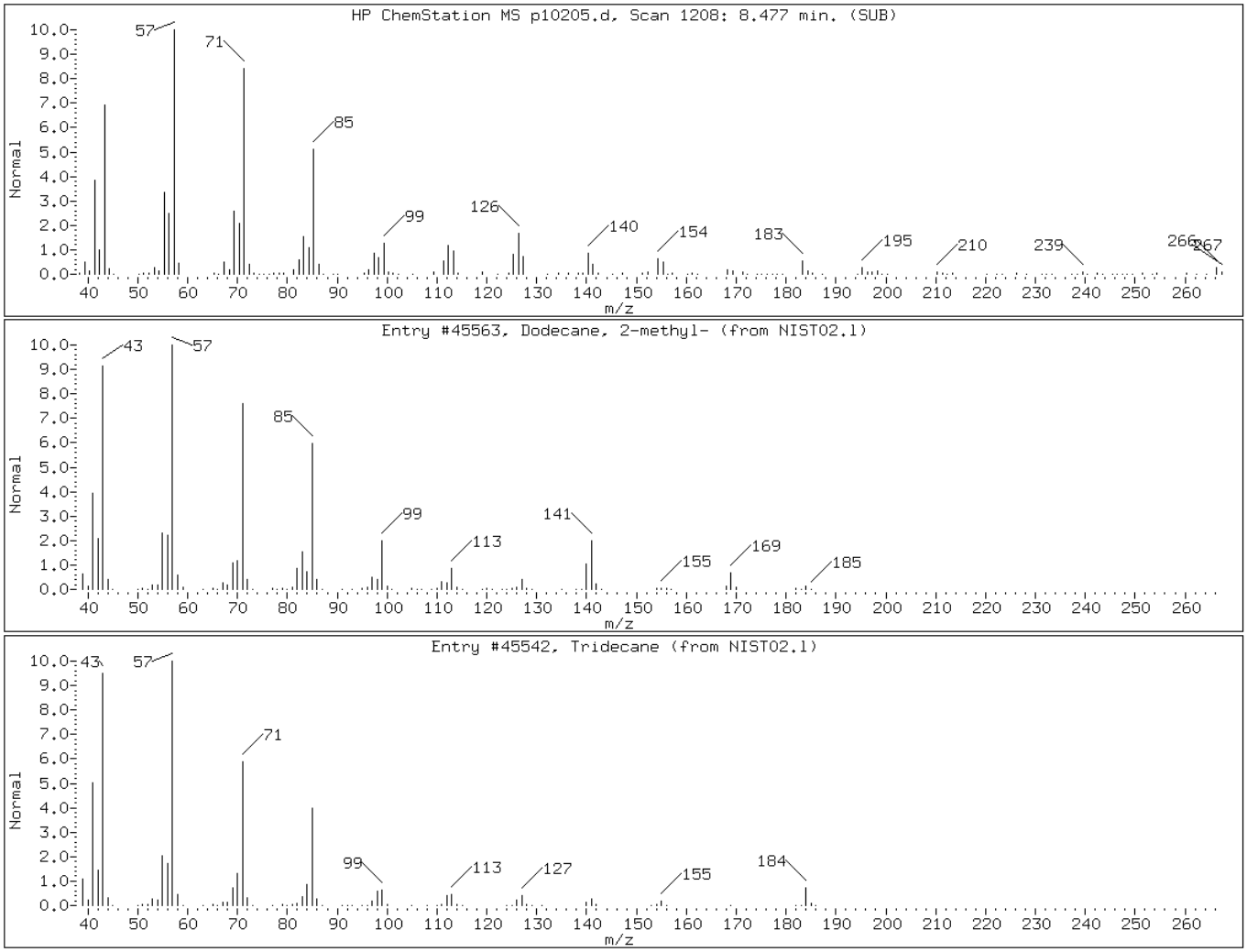
Date: 02-APR-2011 11:57

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-24280-F-14-C Operator: BNAMS 4

Retention Time: 8.48

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Dodecane, 2-methyl-	1560-97-0	NIST02.l	45563	89	C13H28	184
Tridecane	629-50-5	NIST02.l	45542	87	C13H28	184



Data File: p10205.d

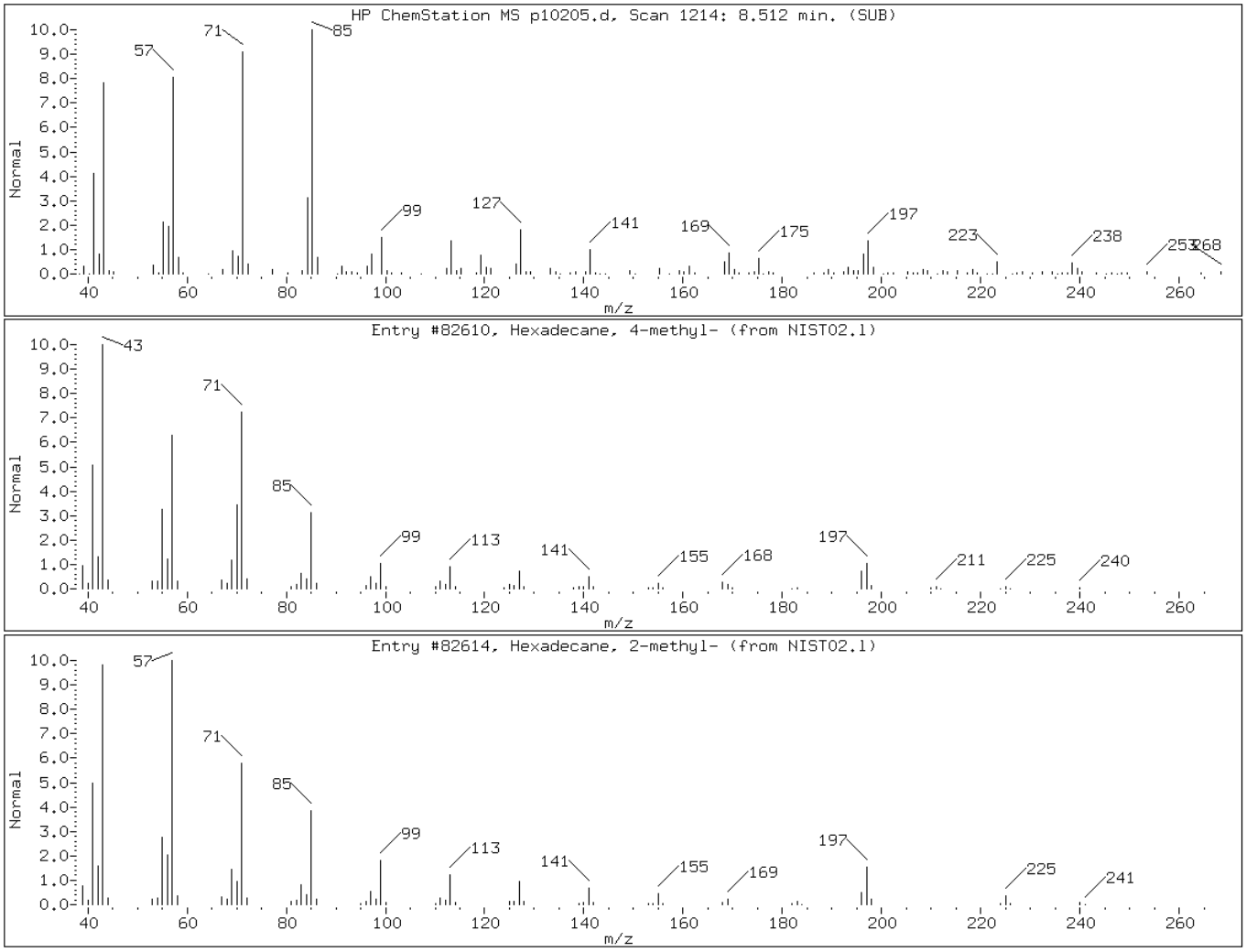
Date: 02-APR-2011 11:57

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-24280-F-14-C Operator: BNAMS 4

Retention Time: 8.51

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
Hexadecane, 4-methyl-	25117-26-4	NIST02.l	82610	62	C17H36	240
Hexadecane, 2-methyl-	1560-92-5	NIST02.l	82614	60	C17H36	240



Data File: p10205.d

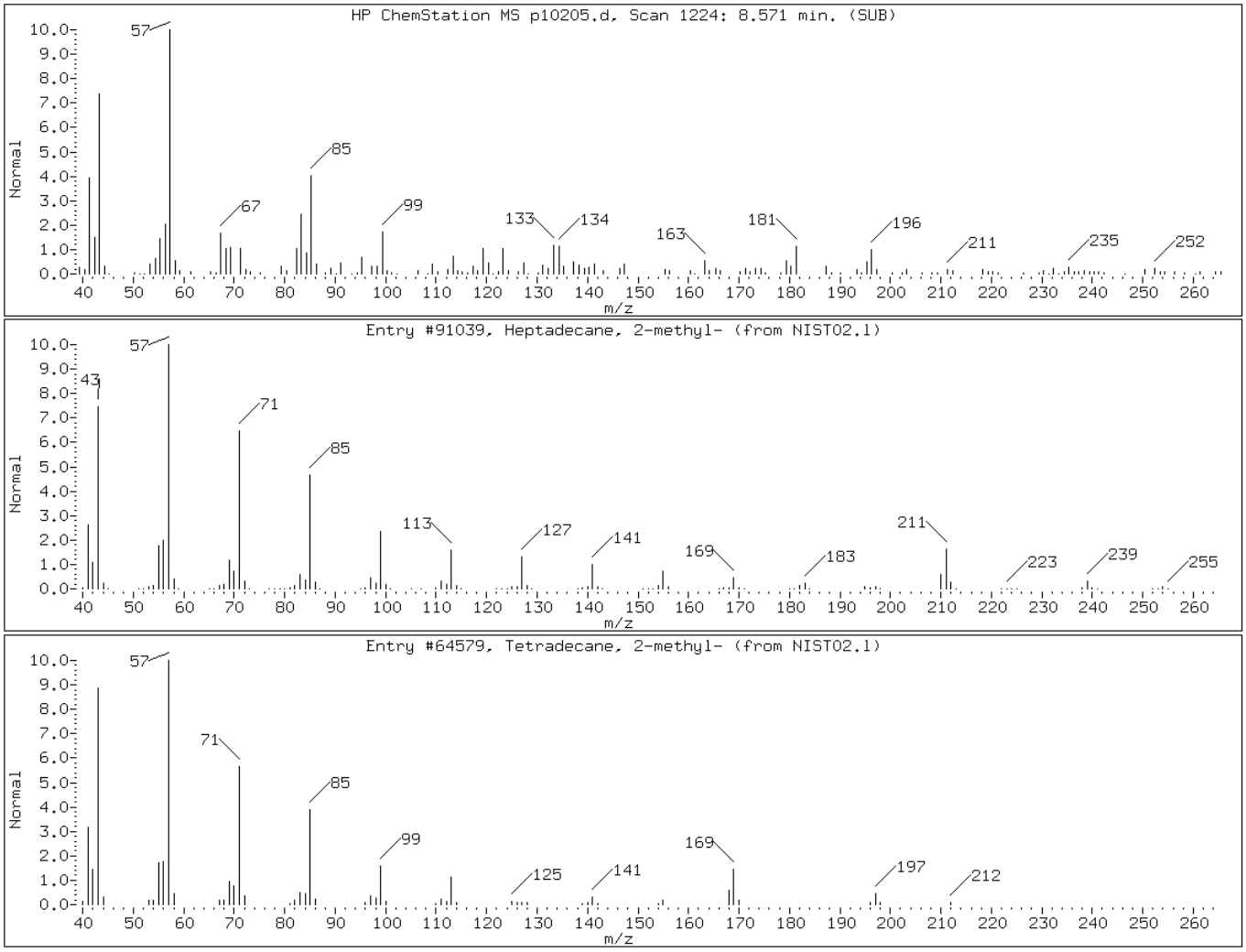
Date: 02-APR-2011 11:57

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-24280-F-14-C Operator: BNAMS 4

Retention Time: 8.57

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-14						
Heptadecane, 2-methyl-	1560-89-0	NIST02.l	91039	46	C18H38	254
Tetradecane, 2-methyl-	1560-95-8	NIST02.l	64579	38	C15H32	212



Data File: p10205.d

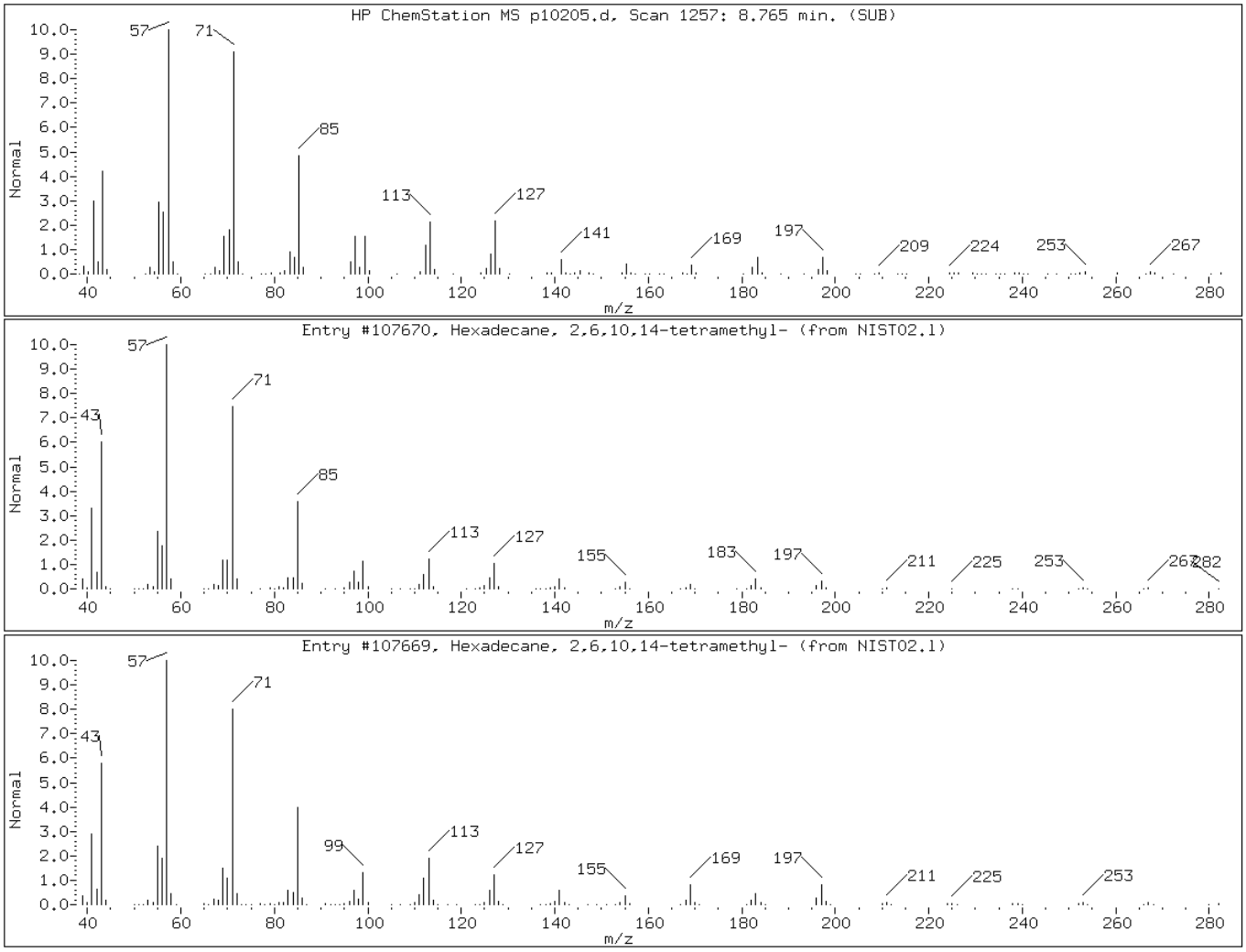
Date: 02-APR-2011 11:57

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-24280-F-14-C Operator: BNAMS 4

Retention Time: 8.76

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	107670	95	C20H42	282
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107669	93	C20H42	282



Data File: p10205.d

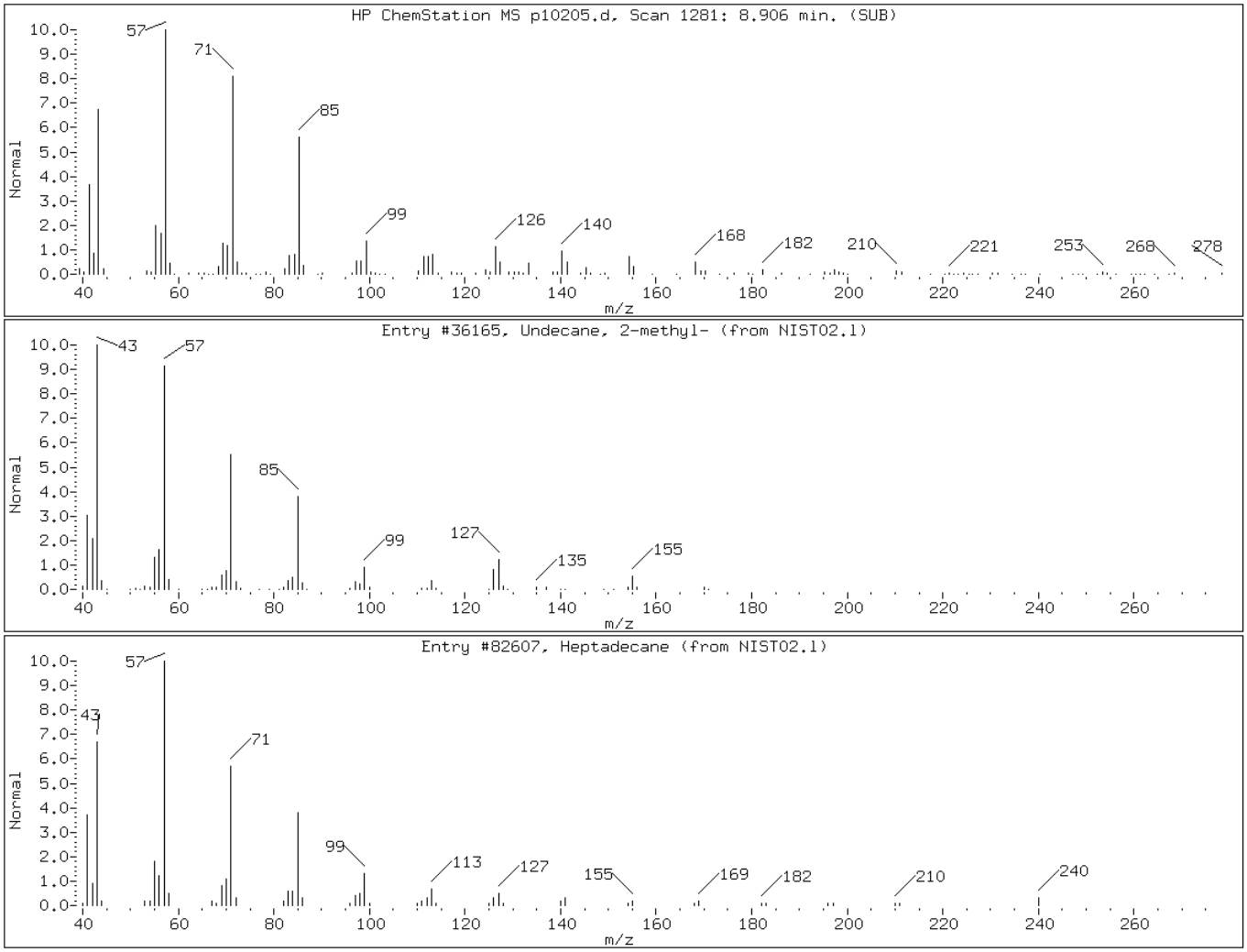
Date: 02-APR-2011 11:57

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-24280-F-14-C Operator: BNAMS 4

Retention Time: 8.91

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-16						
Undecane, 2-methyl-	7045-71-8	NIST02.l	36165	80	C12H26	170
Heptadecane	629-78-7	NIST02.l	82607	80	C17H36	240



Data File: p10205.d

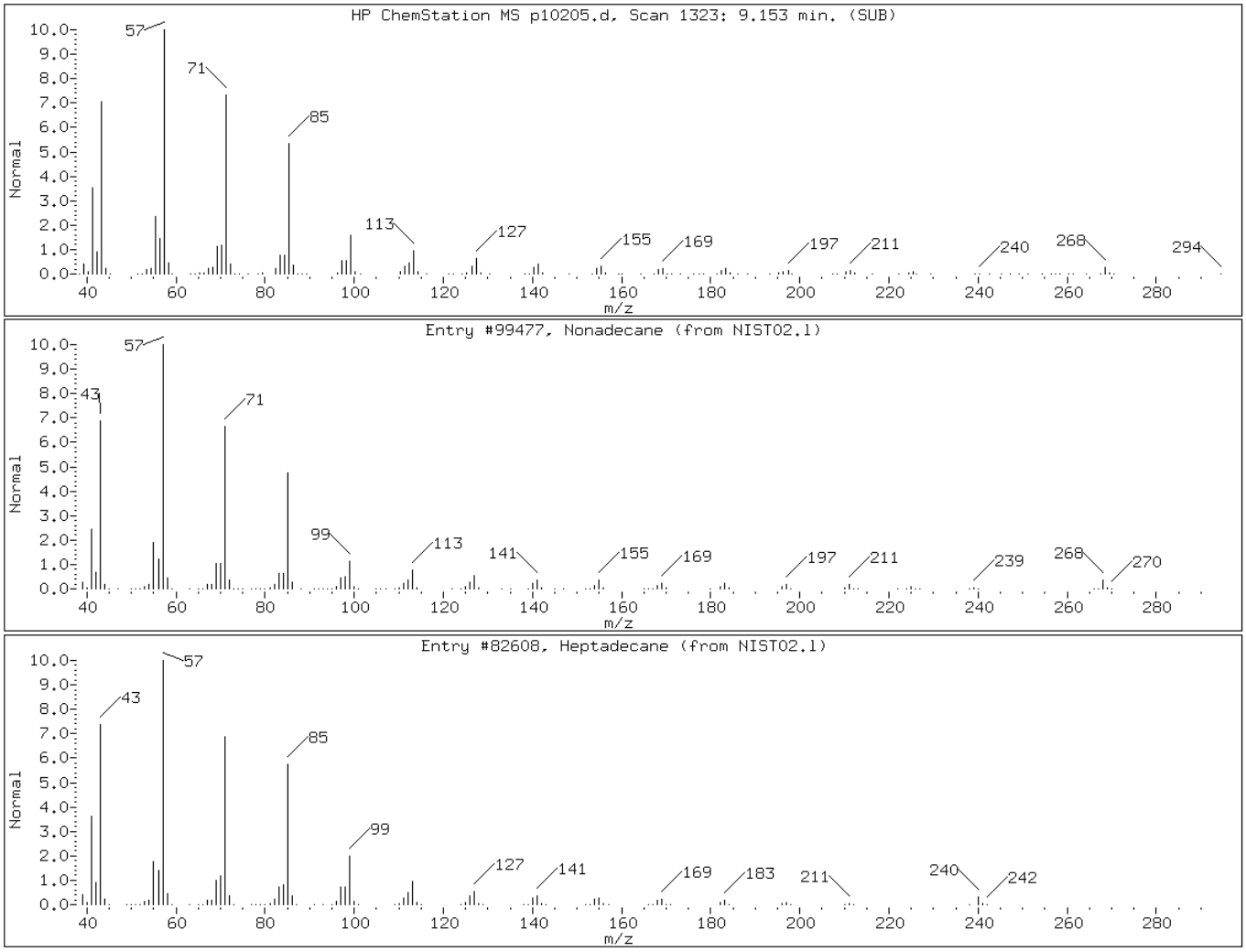
Date: 02-APR-2011 11:57

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-24280-F-14-C Operator: BNAMS 4

Retention Time: 9.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-17						
Nonadecane	629-92-5	NIST02.l	99477	94	C19H40	268
Heptadecane	629-78-7	NIST02.l	82608	91	C17H36	240



Data File: p10205.d

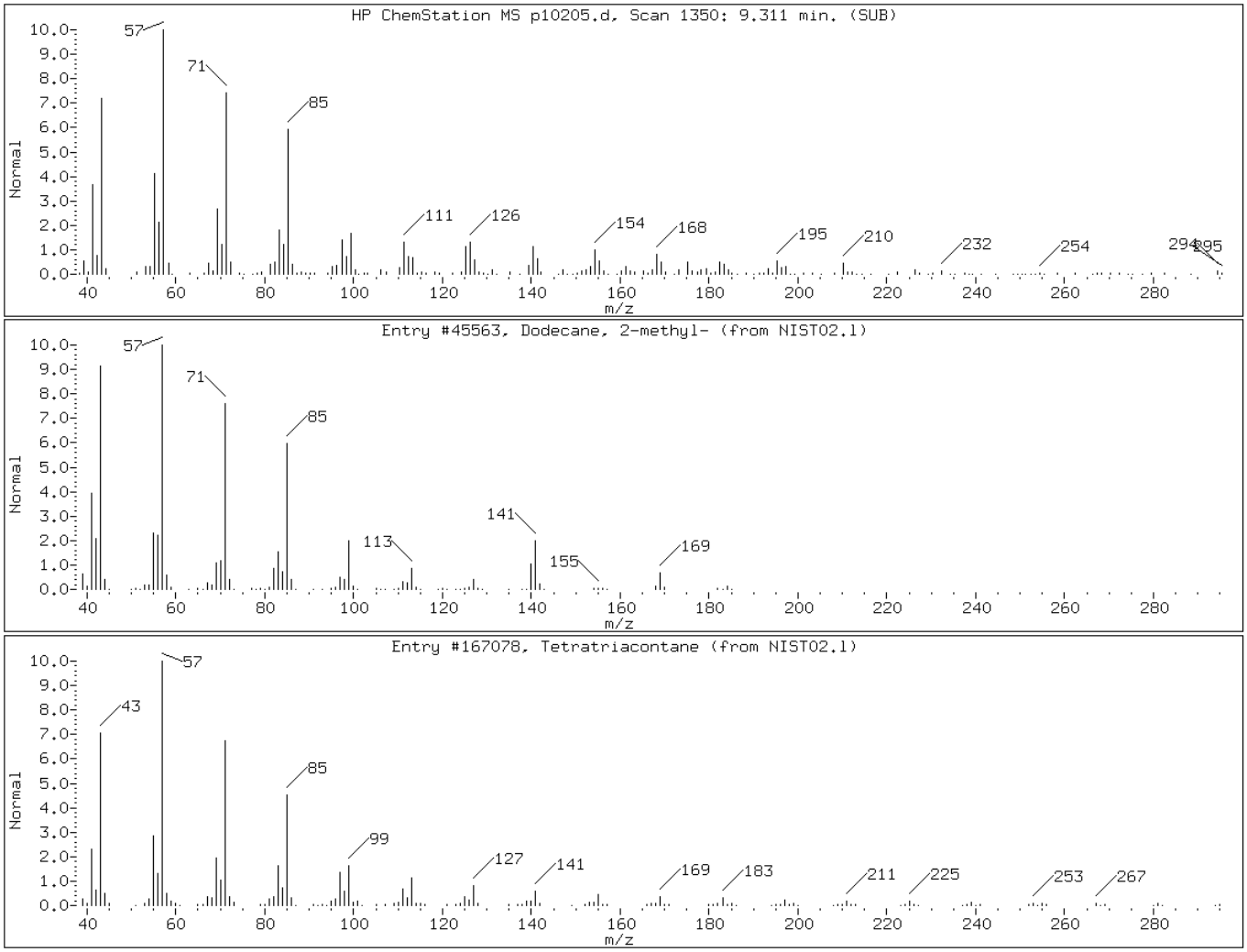
Date: 02-APR-2011 11:57

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-24280-F-14-C Operator: BNAMS 4

Retention Time: 9.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-18						
Dodecane, 2-methyl-	1560-97-0	NIST02.l	45563	89	C13H28	184
Tetratriacontane	14167-59-0	NIST02.l	167078	72	C34H70	479



Data File: p10205.d

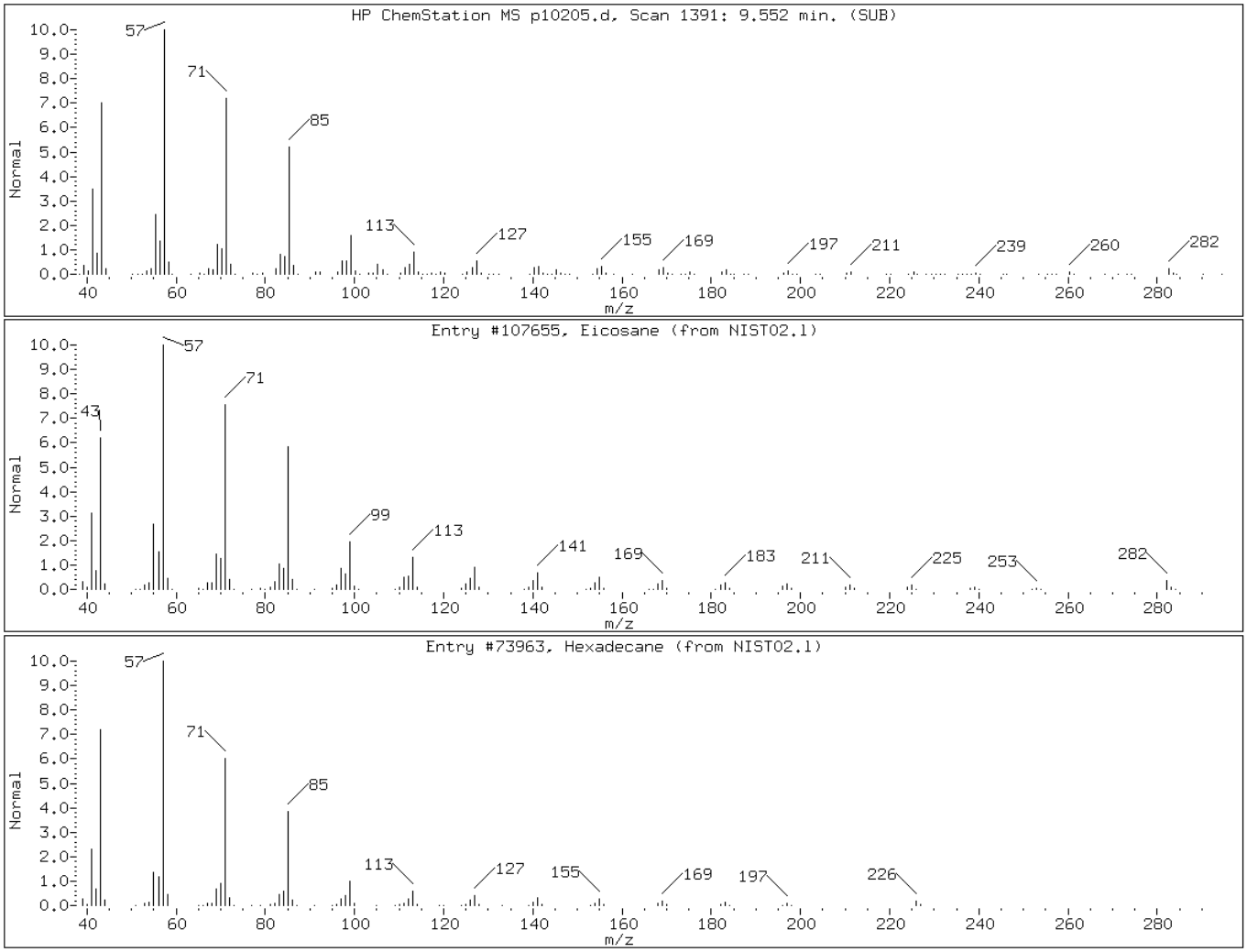
Date: 02-APR-2011 11:57

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-24280-F-14-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	107655	98	C20H42	282
Hexadecane	544-76-3	NIST02.l	73963	95	C16H34	226



Data File: p10205.d

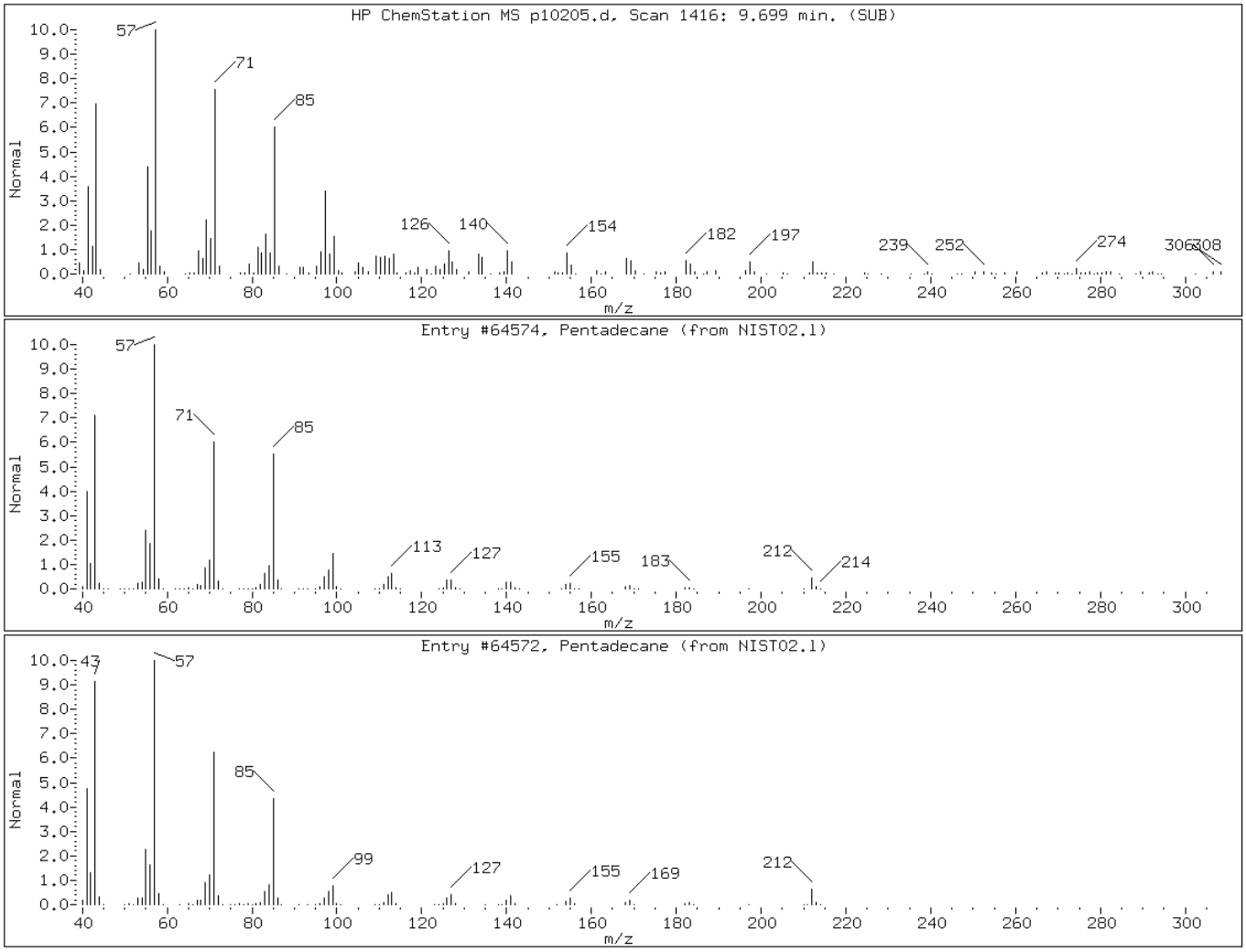
Date: 02-APR-2011 11:57

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-24280-F-14-C Operator: BNAMS 4

Retention Time: 9.70

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-20						
Pentadecane	629-62-9	NIST02.l	64574	96	C15H32	212
Pentadecane	629-62-9	NIST02.l	64572	89	C15H32	212



Data File: p10205.d

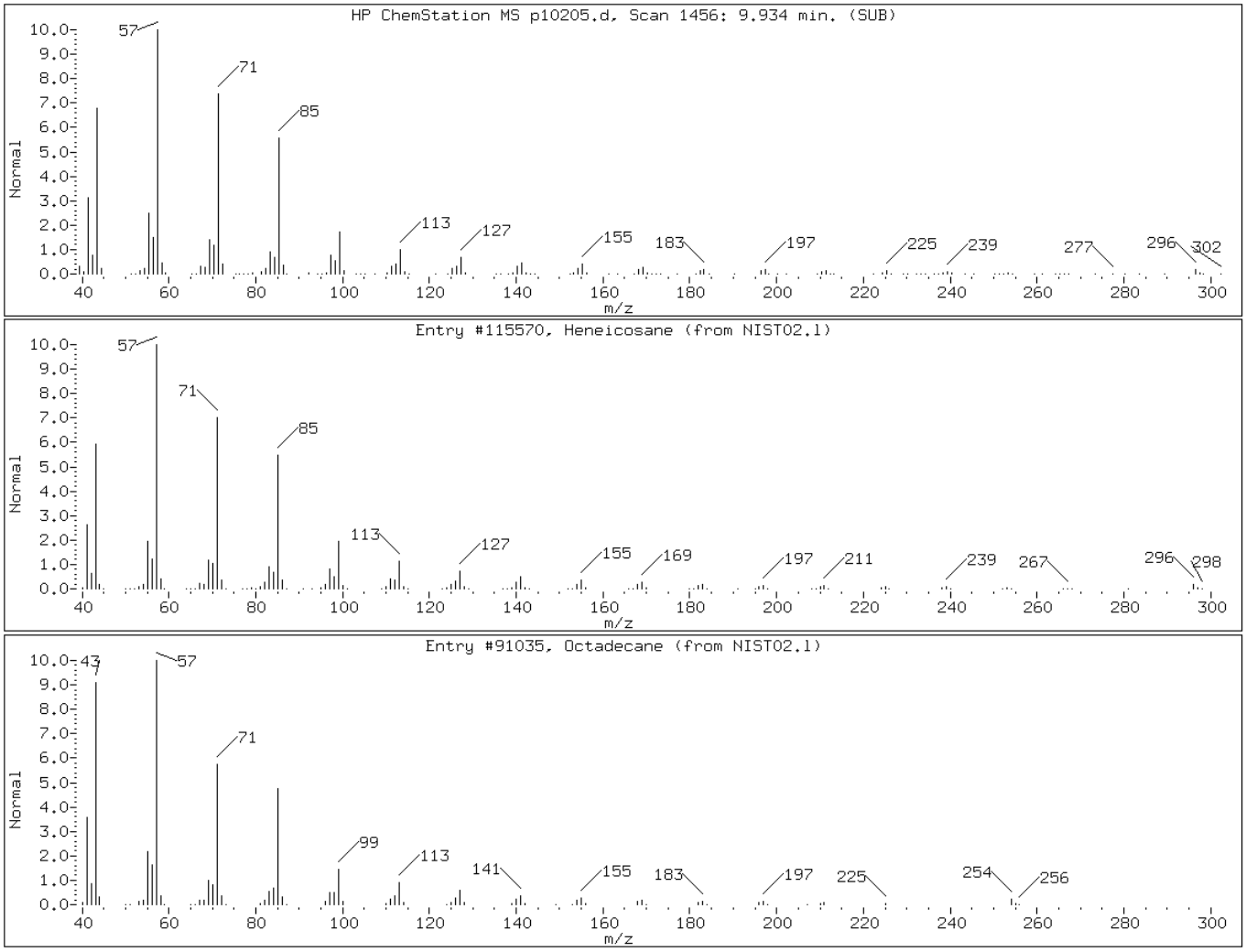
Date: 02-APR-2011 11:57

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: BNAMS10.i

Sample Info: 460-24280-F-14-C Operator: BNAMS 4

Retention Time: 9.93

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-21						
Heneicosane	629-94-7	NIST02.l	115570	99	C21H44	296
Octadecane	593-45-3	NIST02.l	91035	91	C18H38	254



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-2WT-E (8.0-8.5) DL | Lab Sample ID: 460-24280-15 DL

Matrix: Solid | Lab File ID: u66518.d

Analysis Method: 8270C | Date Collected: 03/17/2011 11:25

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.00(g) | Date Analyzed: 04/06/2011 17:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69678 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	3400	U	3400	420
95-57-8	2-Chlorophenol	3400	U	3400	460
95-48-7	2-Methylphenol	3400	U	3400	490
106-44-5	4-Methylphenol	3400	U	3400	560
100-52-7	Benzaldehyde	3400	U	3400	210
98-86-2	Acetophenone	3400	U	3400	510
111-44-4	Bis(2-chloroethyl)ether	340	U	340	71
108-60-1	2,2'-oxybis[1-chloropropane]	3400	U	3400	450
621-64-7	N-Nitrosodi-n-propylamine	340	U	340	45
98-95-3	Nitrobenzene	340	U	340	77
67-72-1	Hexachloroethane	340	U	340	58
78-59-1	Isophorone	3400	U	3400	390
88-75-5	2-Nitrophenol	3400	U	3400	560
105-67-9	2,4-Dimethylphenol	3400	U	3400	550
120-83-2	2,4-Dichlorophenol	3400	U	3400	550
111-91-1	Bis(2-chloroethoxy)methane	3400	U	3400	490
91-20-3	Naphthalene	12000	D	3400	500
106-47-8	4-Chloroaniline	3400	U	3400	430
87-68-3	Hexachlorobutadiene	700	U	700	140
105-60-2	Caprolactam	3400	U	3400	470
59-50-7	4-Chloro-3-methylphenol	3400	U	3400	580
91-57-6	2-Methylnaphthalene	35000	D	3400	500
118-74-1	Hexachlorobenzene	340	U	340	48
77-47-4	Hexachlorocyclopentadiene	3400	U	3400	1000
88-06-2	2,4,6-Trichlorophenol	3400	U	3400	610
95-95-4	2,4,5-Trichlorophenol	3400	U	3400	660
92-52-4	Diphenyl	3400	U	3400	570
91-58-7	2-Chloronaphthalene	3400	U	3400	480
88-74-4	2-Nitroaniline	7000	U	7000	940
606-20-2	2,6-Dinitrotoluene	700	U	700	87
131-11-3	Dimethyl phthalate	3400	U	3400	460
208-96-8	Acenaphthylene	3400	U	3400	490
99-09-2	3-Nitroaniline	7000	U	7000	780
83-32-9	Acenaphthene	3200	J D	3400	490

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-2WT-E (8.0-8.5) DL | Lab Sample ID: 460-24280-15 DL

Matrix: Solid | Lab File ID: u66518.d

Analysis Method: 8270C | Date Collected: 03/17/2011 11:25

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.00(g) | Date Analyzed: 04/06/2011 17:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69678 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	10000	U	10000	880
51-28-5	2,4-Dinitrophenol	10000	U	10000	730
132-64-9	Dibenzofuran	3400	U	3400	520
84-66-2	Diethyl phthalate	3400	U	3400	460
86-73-7	Fluorene	2900	J D	3400	580
206-44-0	Fluoranthene	3400	U	3400	570
84-74-2	Di-n-butyl phthalate	3400	U	3400	530
121-14-2	2,4-Dinitrotoluene	700	U	700	100
7005-72-3	4-Chlorophenyl phenyl ether	3400	U	3400	590
100-01-6	4-Nitroaniline	7000	U	7000	710
534-52-1	4,6-Dinitro-2-methylphenol	10000	U	10000	1600
101-55-3	4-Bromophenyl phenyl ether	3400	U	3400	610
1912-24-9	Atrazine	3400	U	3400	640
120-12-7	Anthracene	3400	U	3400	610
86-74-8	Carbazole	3400	U	3400	550
85-01-8	Phenanthrene	6100	D	3400	600
87-86-5	Pentachlorophenol	10000	U	10000	1700
129-00-0	Pyrene	3400	U	3400	590
218-01-9	Chrysene	3400	U	3400	500
207-08-9	Benzo[k]fluoranthene	340	U	340	48
191-24-2	Benzo[g,h,i]perylene	3400	U	3400	360
205-99-2	Benzo[b]fluoranthene	340	U	340	51
50-32-8	Benzo[a]pyrene	340	U	340	42
56-55-3	Benzo[a]anthracene	340	U	340	64
86-30-6	N-Nitrosodiphenylamine	3400	U	3400	560
85-68-7	Butyl benzyl phthalate	3400	U	3400	400
117-81-7	Bis(2-ethylhexyl) phthalate	3400	U	3400	460
117-84-0	Di-n-octyl phthalate	3400	U	3400	410
193-39-5	Indeno[1,2,3-cd]pyrene	340	U	340	55
53-70-3	Dibenz(a,h)anthracene	340	U	340	41
91-94-1	3,3'-Dichlorobenzidine	7000	U	7000	760
95-94-3	1,2,4,5-Tetrachlorobenzene	3400	U	3400	460
58-90-2	2,3,4,6-Tetrachlorophenol	3400	U	3400	690

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-2WT-E (8.0-8.5) DL Lab Sample ID: 460-24280-15 DL

Matrix: Solid Lab File ID: u66518.d

Analysis Method: 8270C Date Collected: 03/17/2011 11:25

Extract. Method: 3541 Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.00(g) Date Analyzed: 04/06/2011 17:15

Con. Extract Vol.: 1(mL) Dilution Factor: 10

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 3.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69678 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	0	D	38-105
4165-62-2	Phenol-d5	0	D	41-118
1718-51-0	Terphenyl-d14	0	D	16-151
118-79-6	2,4,6-Tribromophenol	0	D	10-120
367-12-4	2-Fluorophenol	0	D	37-125
321-60-8	2-Fluorobiphenyl	0	D	40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-2WT-E (8.0-8.5) DL | Lab Sample ID: 460-24280-15 DL

Matrix: Solid | Lab File ID: u66518.d

Analysis Method: 8270C | Date Collected: 03/17/2011 11:25

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.00(g) | Date Analyzed: 04/06/2011 17:15

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69678 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 1.22e+006

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-2	4.87	26000	D J
	Unknown Alkane-6	6.00	28000	D J
	Unknown Alkane-7	6.18	39000	D J
90-12-0	1-Methylnaphthalene	6.36	24000	D
	Unknown Alkane-8	6.61	24000	D J
	Unknown Alkane-9	6.75	44000	D J
575-41-7	1,3-Dimethylnaphthalene	6.96	42000	D
	Unknown Alkane-10	7.06	35000	D J
	Unknown Alkane-11	7.27	210000	D J
	Trimethylnaphthalene isomer	7.50	40000	D J
	Unknown Alkane-12	7.58	45000	D J
	Unknown Alkane-13	7.77	120000	D J
	Unknown Alkane-14	7.97	95000	D J
	Unknown Alkane-15	8.23	110000	D J
	Unknown Alkane-16	8.25	110000	D J
	Unknown Alkane-17	8.41	37000	D J
	Unknown Alkane-18	8.66	56000	D J
	Trichloro-1,1-biphenyl isomer-1	8.69	63000	D J
	Unknown Alkane-19	9.07	36000	D J
	Trichloro-1,1-biphenyl isomer-2	9.09	36000	D J

Data File: /chem/BNAMS4.i/8270T/04-02-11/06apr11a.b/u66518.d
Report Date: 07-Apr-2011 12:50

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/04-02-11/06apr11a.b/u66518.d
Lab Smp Id: 460-24280-F-15-C Client Smp ID: PMP-2WT-E (8.0-8.5)
Inj Date : 06-APR-2011 17:15
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-24280-F-15-C
Misc Info : 460-24280-F-15-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/04-02-11/06apr11a.b/8270C_08SP.m
Meth Date : 06-Apr-2011 12:40 asfawa Quant Type: ISTD
Cal Date : 02-APR-2011 11:46 Cal File: u66408.d
Als bottle: 13
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	15.00000	Weight of sample extracted (g)
M	3.62694	% 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)
	21 1,3-Dichlorobenzene	146	4.177	4.190	(0.986)	45963	5.25584	3600
*	79 1,4-Dichlorobenzene-d4	152	4.236	4.242	(1.000)	225437	40.0000	
	22 1,4-Dichlorobenzene	146	4.251	4.257	(1.004)	145357	18.3835	13000
	23 1,2-Dichlorobenzene	146	4.407	4.411	(1.040)	81676	10.4412	7200
	30 1,2,4-Trichlorobenzene	180	5.478	5.479	(0.991)	37822	8.19292	5700
*	80 Naphthalene-d8	136	5.529	5.531	(1.000)	566592	40.0000	
	31 Naphthalene	128	5.551	5.553	(1.004)	247453	17.3440	12000
	34 2-Methylnaphthalene	142	6.259	6.244	(1.132)	507503	51.2189	35000
	120 1-Methylnaphthalene	142	6.356	6.346	(1.150)	326257	35.3757	24000
	125 1,3-Dimethylnaphthalene	156	6.963	6.949	(0.955)	329904	60.6060	42000
*	82 Acenaphthene-d10	164	7.295	7.281	(1.000)	225940	40.0000	
	42 Acenaphthene	154	7.323	7.317	(1.004)	23976	4.66215	3200(a)
	47 Fluorene	166	7.829	7.828	(1.073)	26302	4.22810	2900(aH)

Data File: /chem/BNAMS4.i/8270T/04-02-11/06apr11a.b/u66518.d
Report Date: 07-Apr-2011 12:50

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
* 83 Phenanthrene-d10	188	8.747	8.743	(1.000)	273030	40.0000	
52 Phenanthrene	178	8.768	8.765	(1.002)	70830	8.87487	6100
57 Pyrene	202	10.145	10.145	(0.886)	5787	0.51436	360(a)
* 81 Chrysene-d12	240	11.454	11.467	(1.000)	305602	40.0000	
* 84 Perylene-d12	264	13.323	13.329	(1.000)	194961	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: /chem/BNAMS4.i/8270T/04-02-11/06apr11a.b/u66518.d
Report Date: 07-Apr-2011 12:50

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/04-02-11/06apr11a.b/u66518.d
Lab Smp Id: 460-24280-F-15-C Client Smp ID: PMP-2WT-E (8.0-8.5)
Inj Date : 06-APR-2011 17:15
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-24280-F-15-C
Misc Info : 460-24280-F-15-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/04-02-11/06apr11a.b/8270C_08SP.m
Meth Date : 06-Apr-2011 12:40 asfawa Quant Type: ISTD
Cal Date : 02-APR-2011 11:46 Cal File: u66408.d
Als bottle: 13
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	15.00000	Weight of sample extracted (g)
M	3.62694	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 79 1,4-Dichlorobenzene-d4	4.236	2603865	40.000
* 80 Naphthalene-d8	5.529	2734731	40.000
* 83 Phenanthrene-d10	8.747	835742	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-1					CAS #:		
4.089	1625991	24.9781164	17000	0		0	79

Data File: /chem/BNAMS4.i/8270T/04-02-11/06apr11a.b/u66518.d
Report Date: 07-Apr-2011 12:50

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-2					CAS #:		
4.866	2424407	37.2432009	26000	0		0	79
Tetramethylbenzene isomer-1					CAS #:		
5.053	1188695	17.3866471	12000	0		0	80
Unknown					CAS #:		
5.170	1271729	18.6011584	13000	0		0	80
Tetramethylbenzene isomer-2					CAS #:		
5.280	1301226	19.0325958	13000	0		0	80
Unknown Alkane-3					CAS #:		
5.315	1237883	18.1061036	12000	0		0	80
Unknown Alkane-4					CAS #:		
5.359	1247984	18.2538465	13000	0		0	80
Unknown Alkane-5					CAS #:		
5.639	1921545	28.1057927	19000	0		0	80
Unknown Cycloalkane-1					CAS #:		
5.847	1104114	16.1495022	11000	0		0	80
Unknown Alkane-6					CAS #:		
6.001	2726870	39.8850135	28000	0		0	80
Unknown Alkane-7					CAS #:		
6.178	3873061	56.6499749	39000	0		0	80
Unknown Cycloalkane-2					CAS #:		
6.467	1934235	28.2914063	20000	0		0	80
Unknown Alkane-8					CAS #:		
6.607	2323552	33.9858252	24000	0		0	80
Unknown Alkane-9					CAS #:		
6.748	4338084	63.4517114	44000	0		0	80
Unknown Alkane-10					CAS #:		
7.063	3417107	49.9808849	34000	0		0	80
Unknown Alkane-11					CAS #:		
7.274	6220960	297.745359	200000	0		0	83

Data File: /chem/BNAMS4.i/8270T/04-02-11/06apr11a.b/u66518.d
Report Date: 07-Apr-2011 12:50

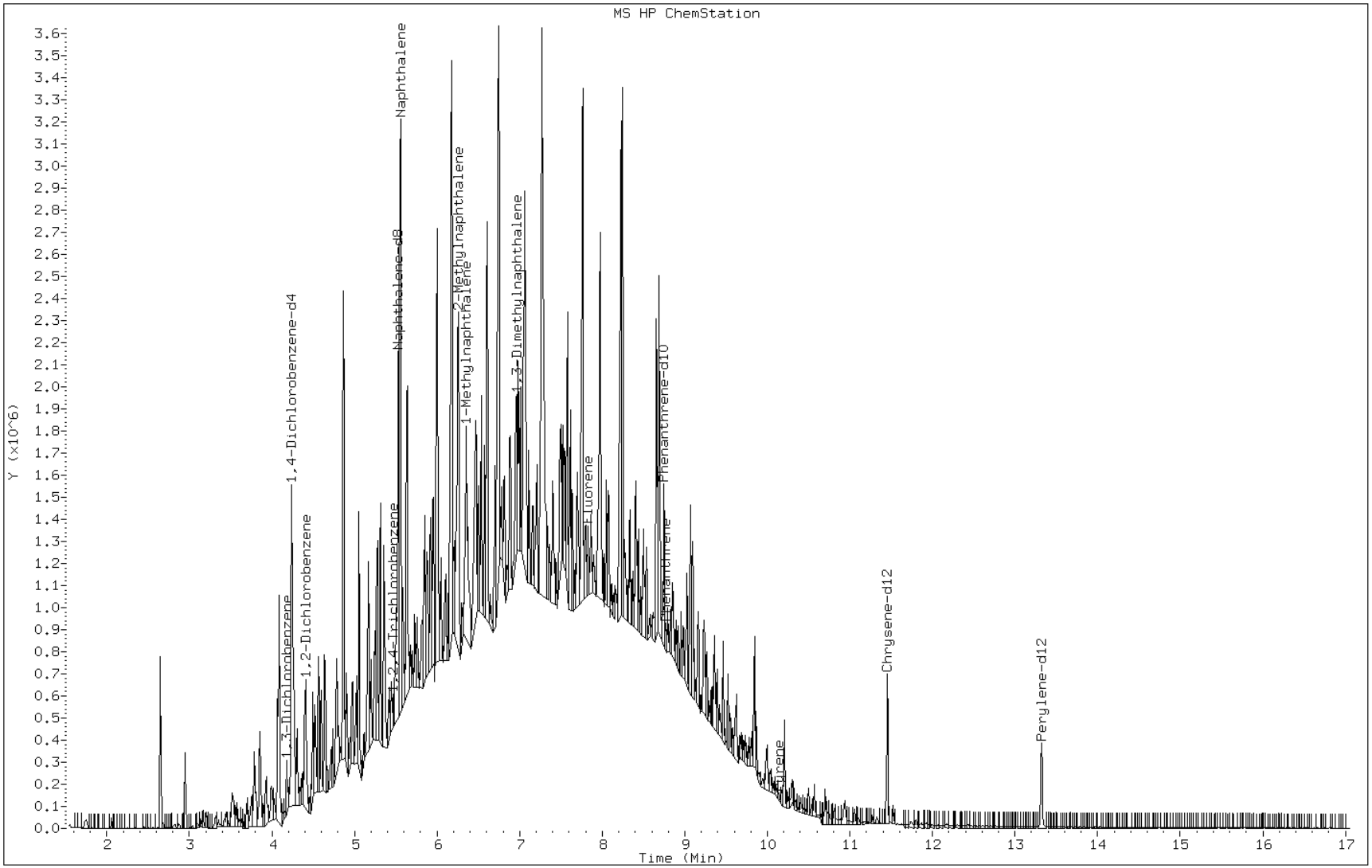
	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Trimethylnaphthalene isomer					CAS #:		
7.496	1217216	58.2579453	40000	0		0	83
Unknown Alkane-12					CAS #:		
7.579	1348557	64.5441483	45000	0		0	83
Unknown Alkane-13					CAS #:		
7.766	3650815	174.733986	120000	0		0	83
Unknown Alkane-14					CAS #:		
7.975	2859185	136.845268	95000	0		0	83
Unknown Alkane-15					CAS #:		
8.225	3430243	164.177045	110000	0		0	83
Unknown Alkane-16					CAS #:		
8.246	3224208	154.315873	110000	0		0	83
Unknown Alkane-17					CAS #:		
8.406	1115198	53.3751842	37000	0		0	83
Unknown Alkane-18					CAS #:		
8.656	1701951	81.4581857	56000	0		0	83
Trichloro-1,1-biphenyl isomer-1					CAS #:		
8.691	1895692	90.7309310	63000	0		0	83
Unknown Alkane-19					CAS #:		
9.067	1098222	52.5627103	36000	0		0	83
Trichloro-1,1-biphenyl isomer-2					CAS #:		
9.095	1082504	51.8103980	36000	0		0	83

Data File: u66518.d

Date: 06-APR-2011 17:15

Client ID: PMP-2WT-E (8.0-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-15-C Operator: BNAMS 4



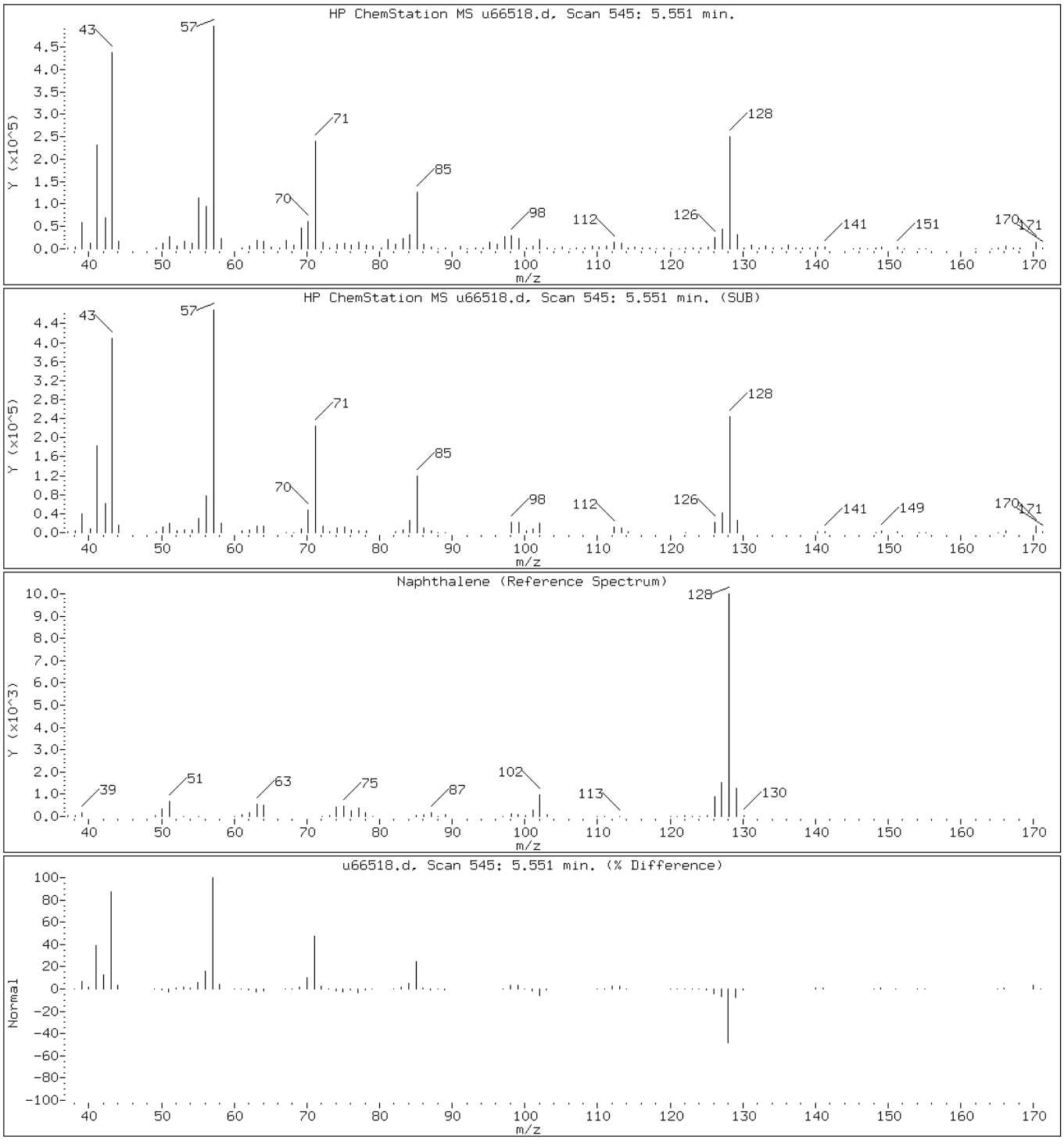
Data File: u66518.d

Date: 06-APR-2011 17:15

Client ID: PMP-2WT-E (8.0-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-15-C Operator: BNAMS 4

31 Naphthalene



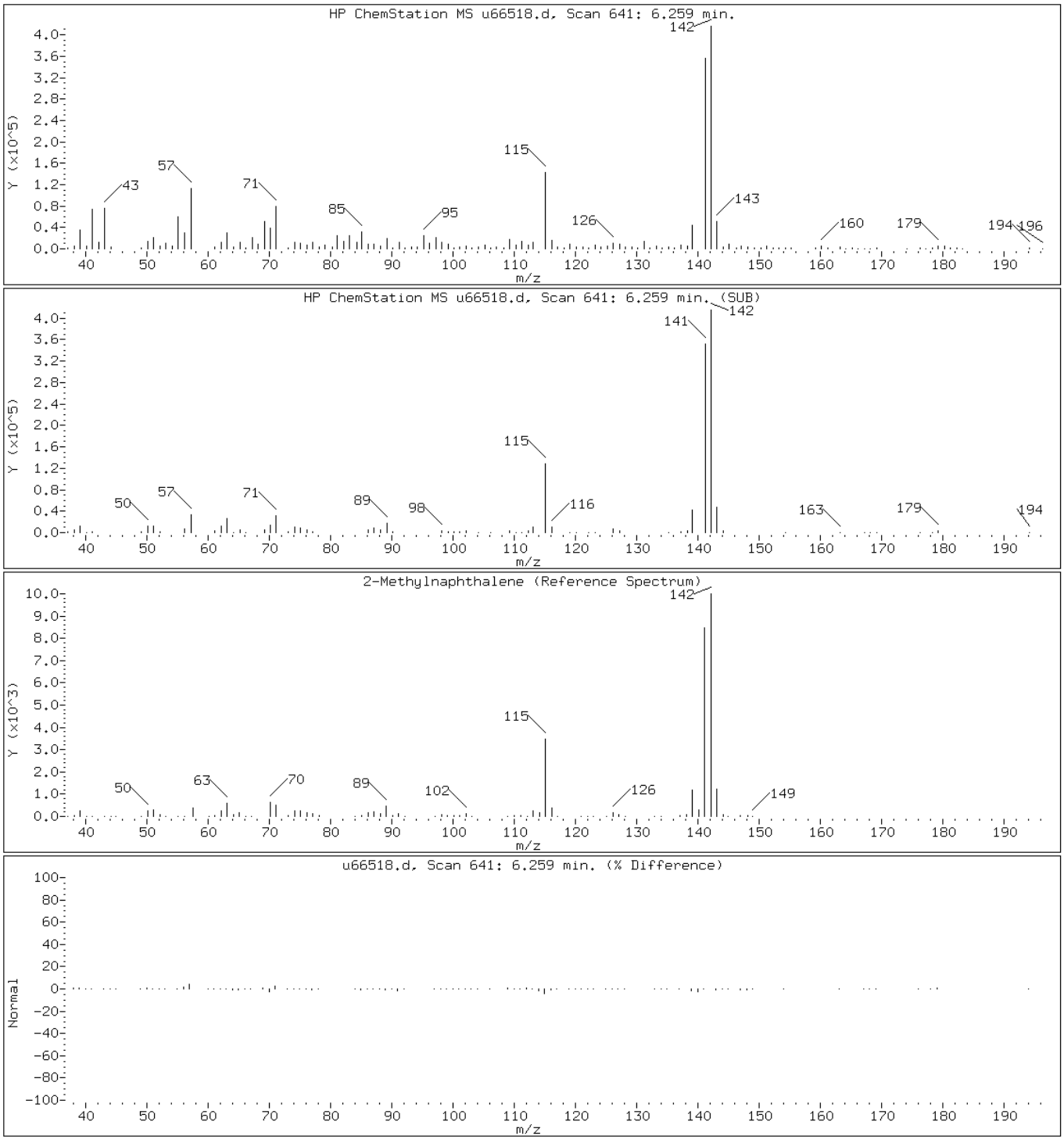
Data File: u66518.d

Date: 06-APR-2011 17:15

Client ID: PMP-2WT-E (8.0-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-15-C Operator: BNAMS 4

34 2-Methylnaphthalene



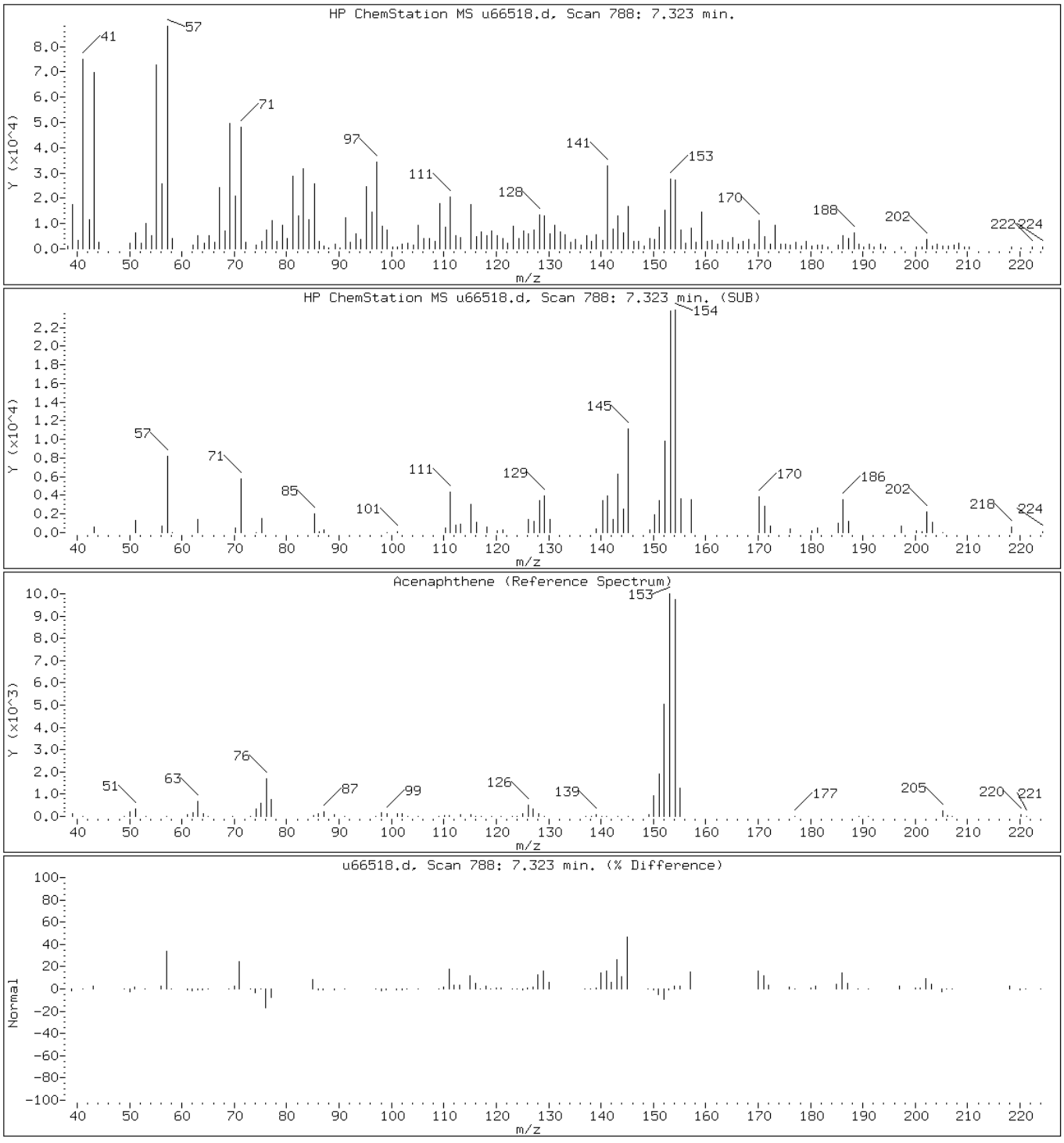
Data File: u66518.d

Date: 06-APR-2011 17:15

Client ID: PMP-2WT-E (8.0-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-15-C Operator: BNAMS 4

42 Acenaphthene



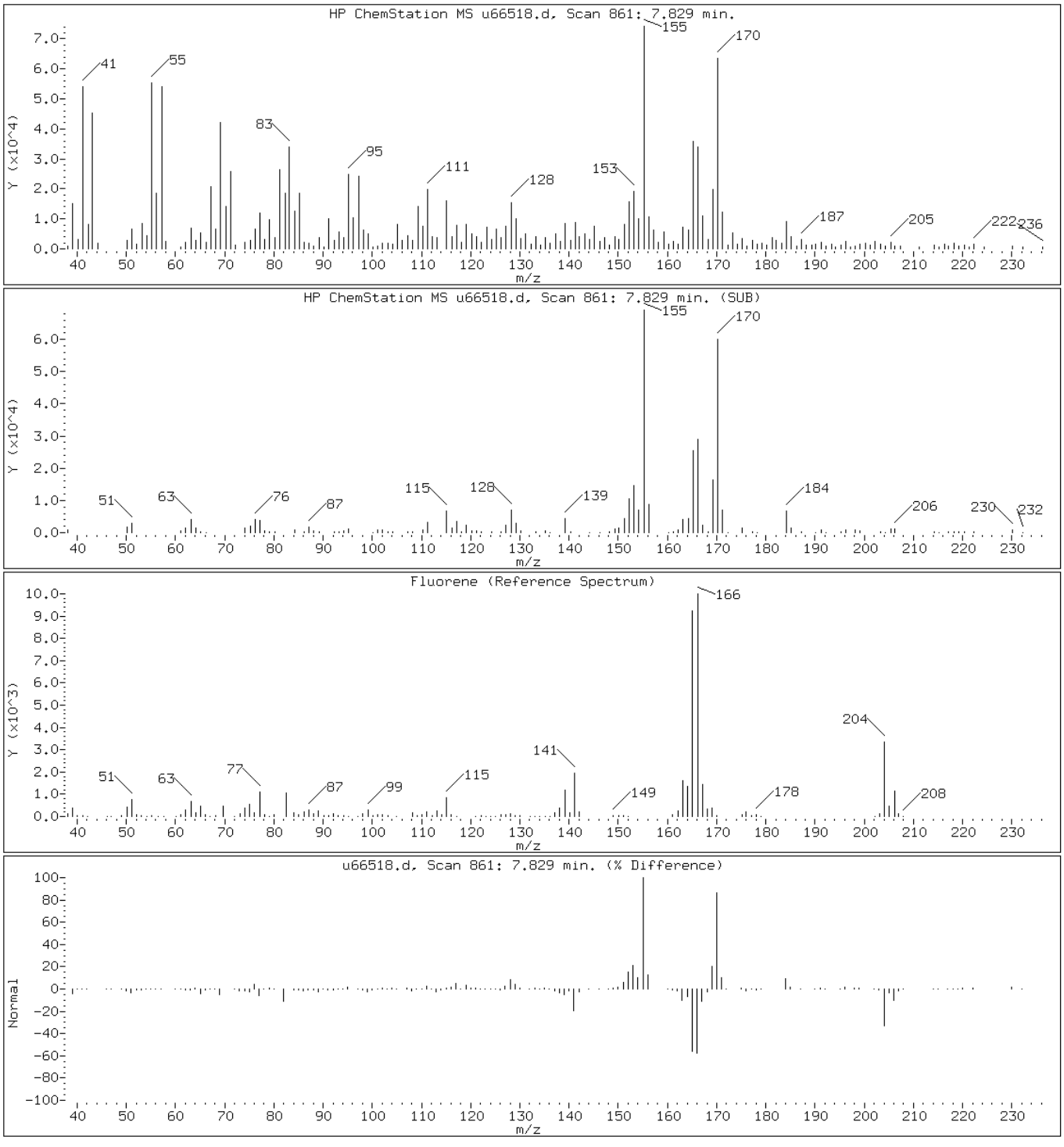
Data File: u66518.d

Date: 06-APR-2011 17:15

Client ID: PMP-2WT-E (8.0-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-15-C Operator: BNAMS 4

47 Fluorene



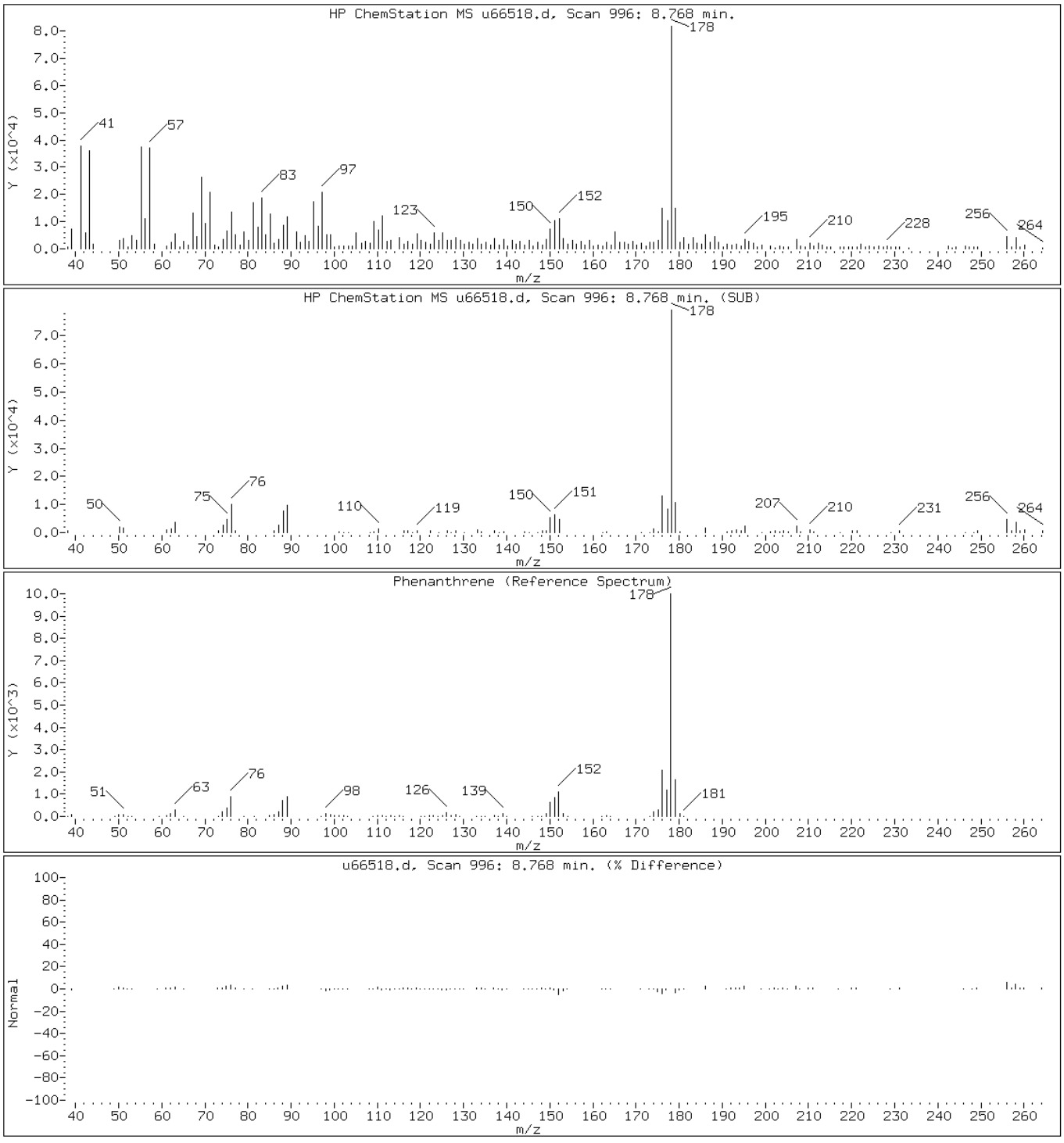
Data File: u66518.d

Date: 06-APR-2011 17:15

Client ID: PMP-2WT-E (8.0-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-15-C Operator: BNAMS 4

52 Phenanthrene



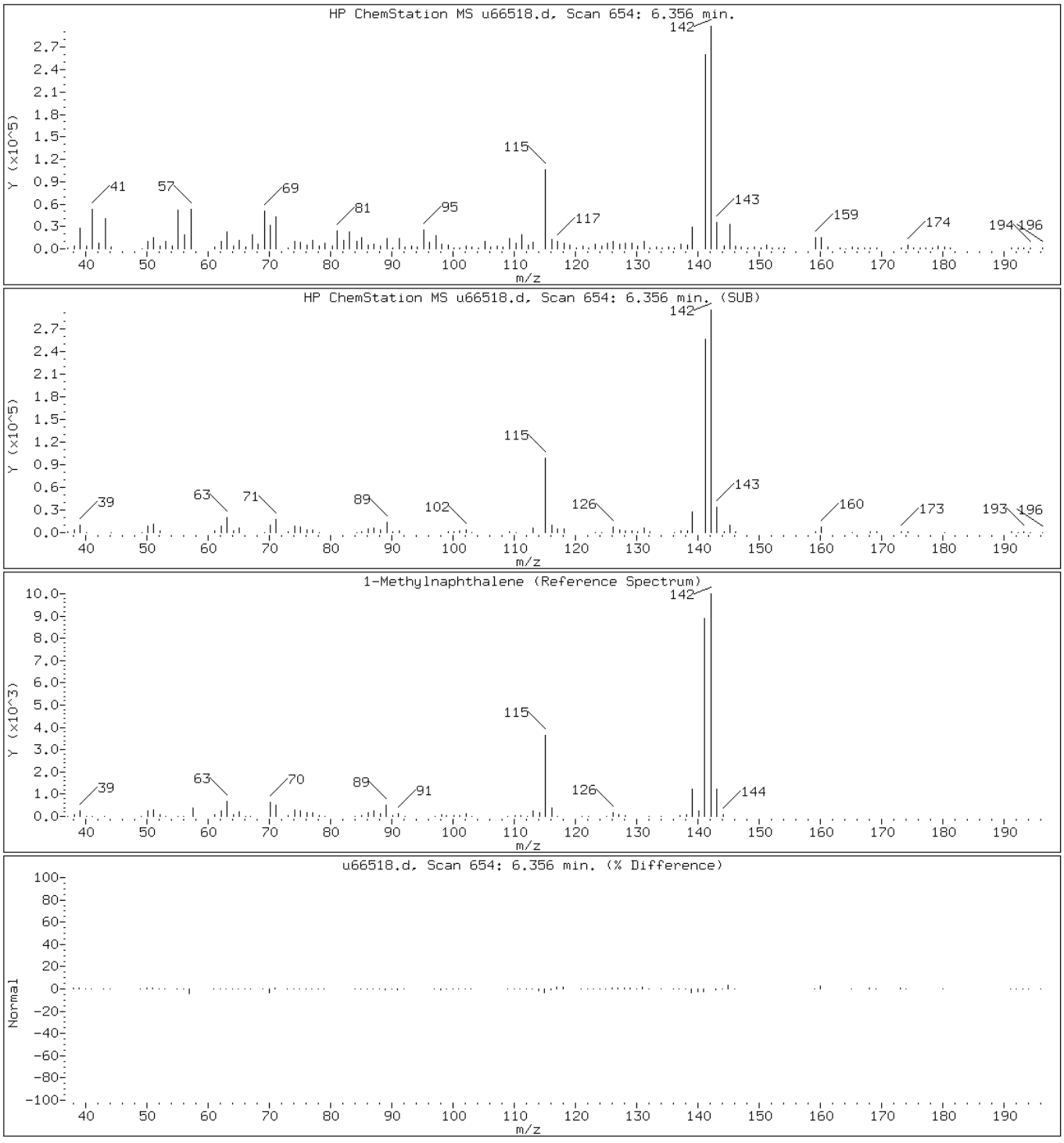
Data File: u66518.d

Date: 06-APR-2011 17:15

Client ID: PMP-2WT-E (8.0-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-15-C Operator: BNAMS 4

120 1-Methylnaphthalene



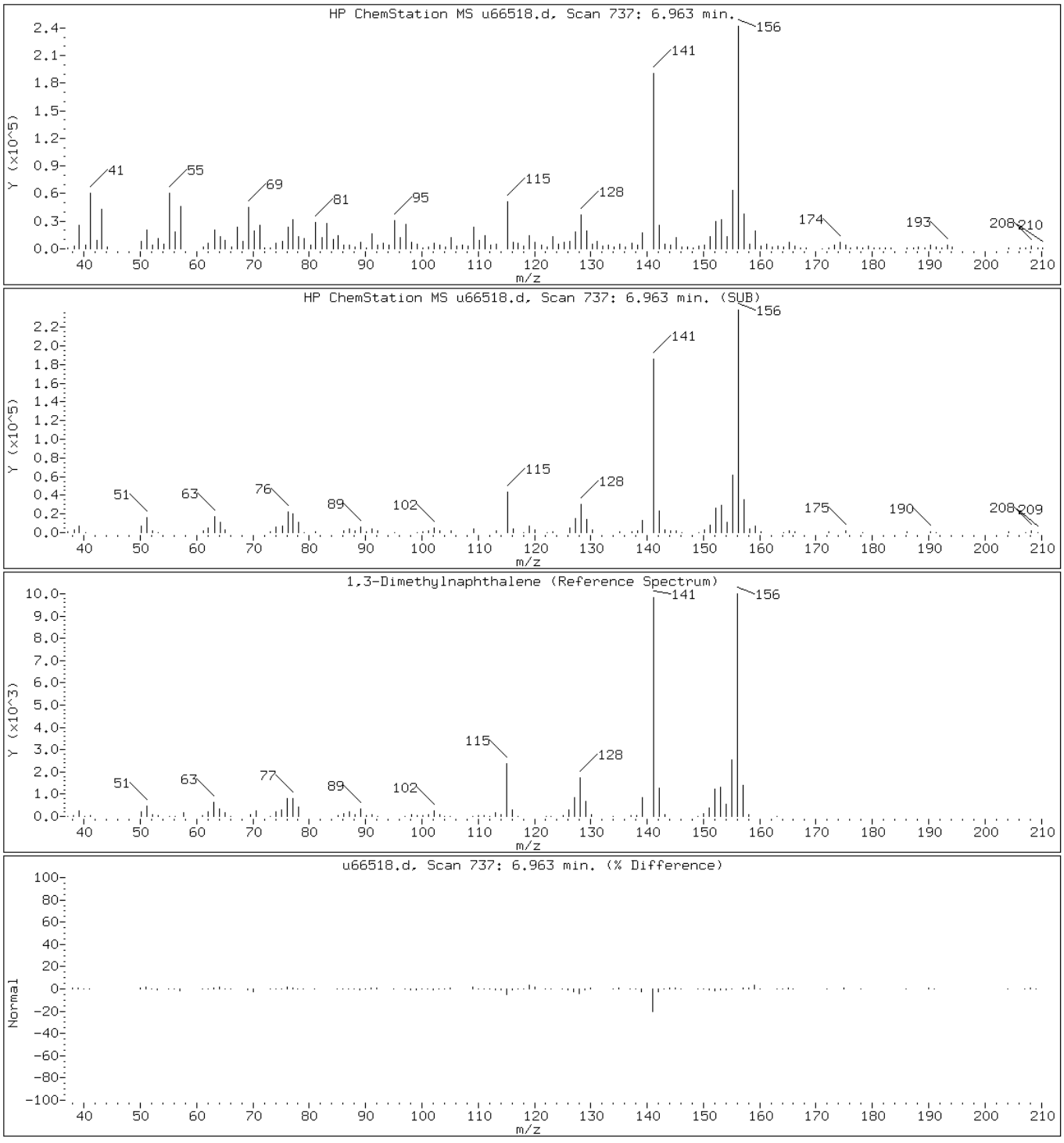
Data File: u66518.d

Date: 06-APR-2011 17:15

Client ID: PMP-2WT-E (8.0-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-15-C Operator: BNAMS 4

125 1,3-Dimethylnaphthalene



Data File: u66518.d

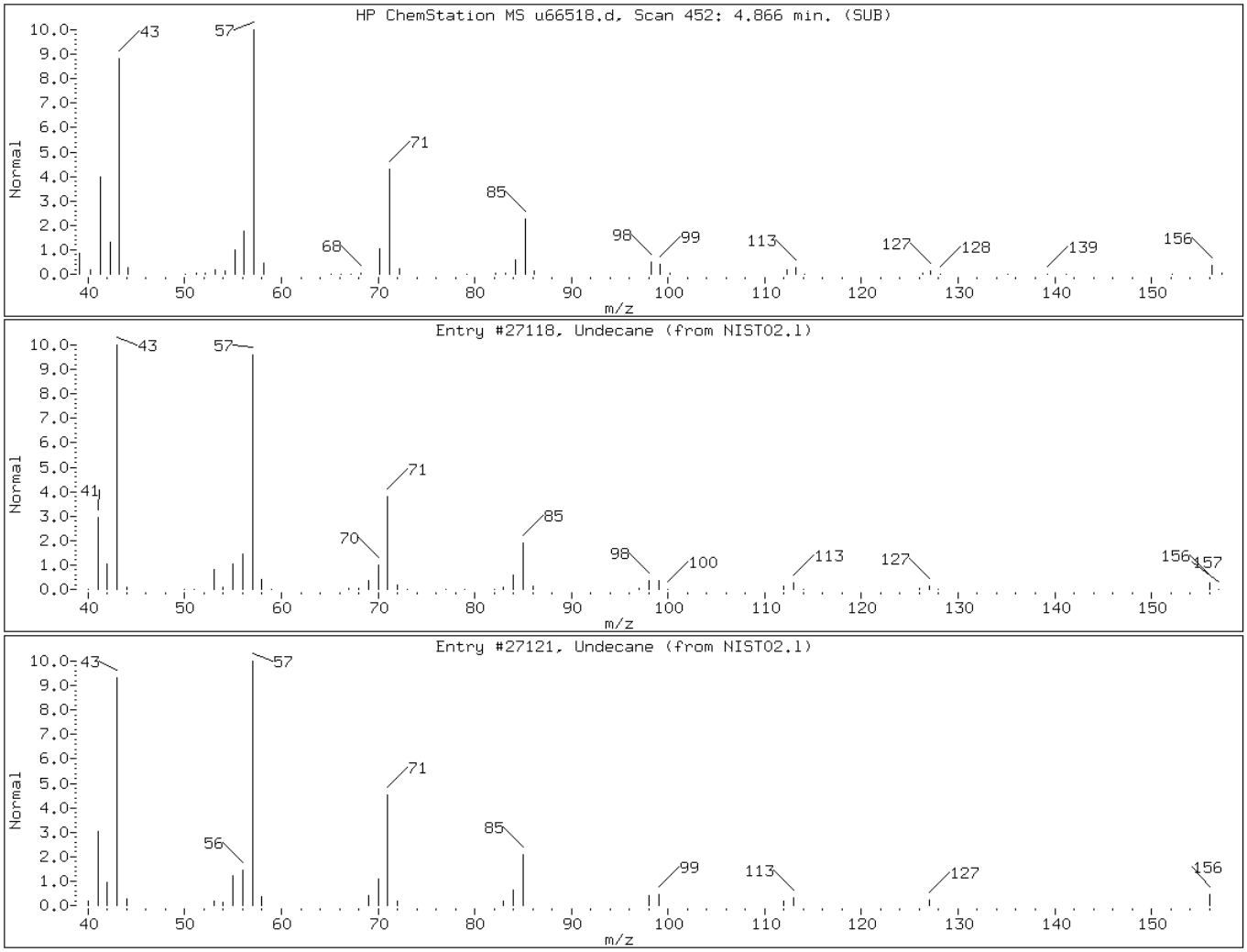
Date: 06-APR-2011 17:15

Client ID: PMP-2WT-E (8.0-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-15-C Operator: BNAMS 4

Retention Time: 4.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Undecane	1120-21-4	NIST02.l	27118	97	C11H24	156
Undecane	1120-21-4	NIST02.l	27121	94	C11H24	156



Data File: u66518.d

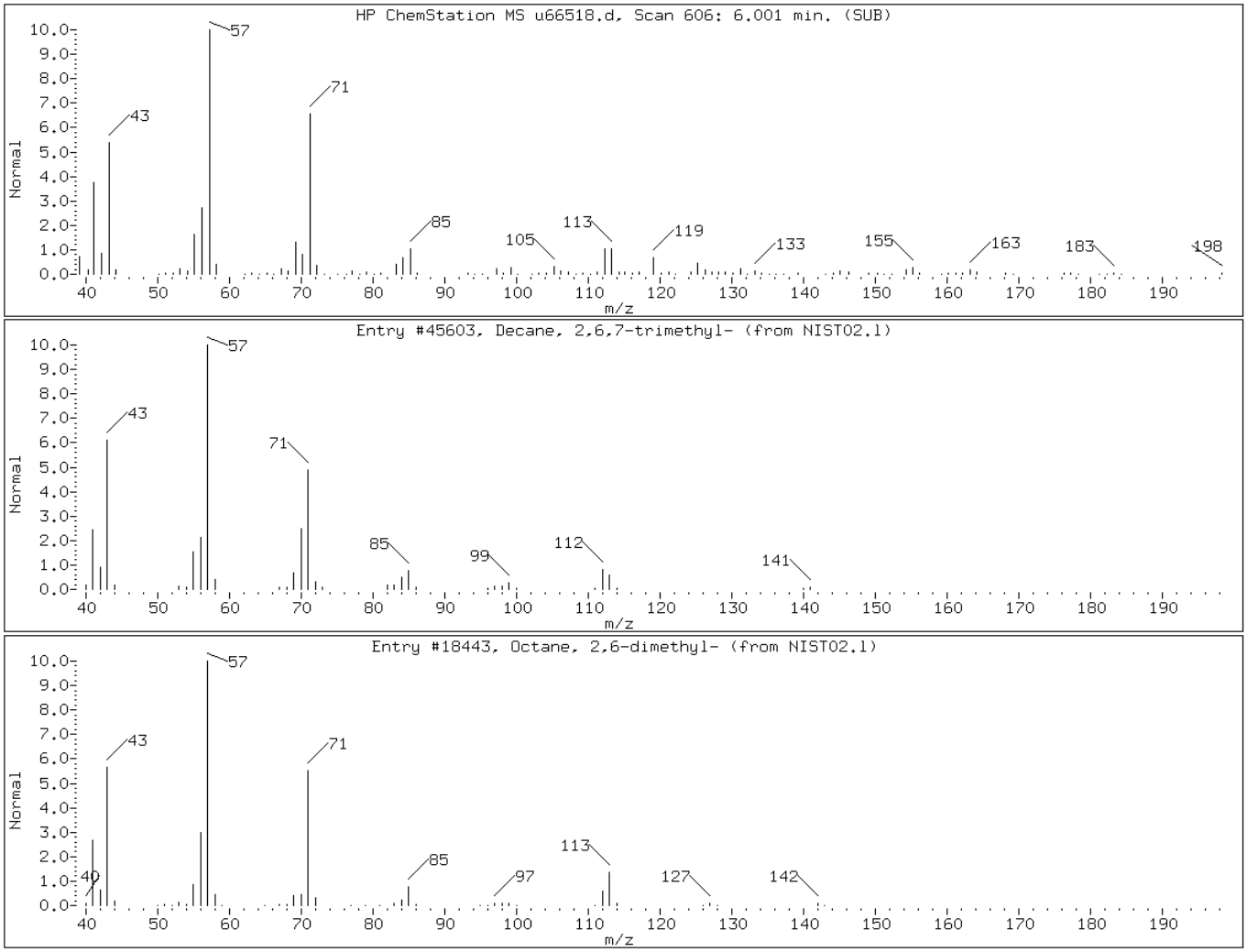
Date: 06-APR-2011 17:15

Client ID: PMP-2WT-E (8.0-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-15-C Operator: BNAMS 4

Retention Time: 6.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Decane, 2,6,7-trimethyl-	62108-25-2	NIST02.l	45603	78	C13H28	184
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18443	78	C10H22	142



Data File: u66518.d

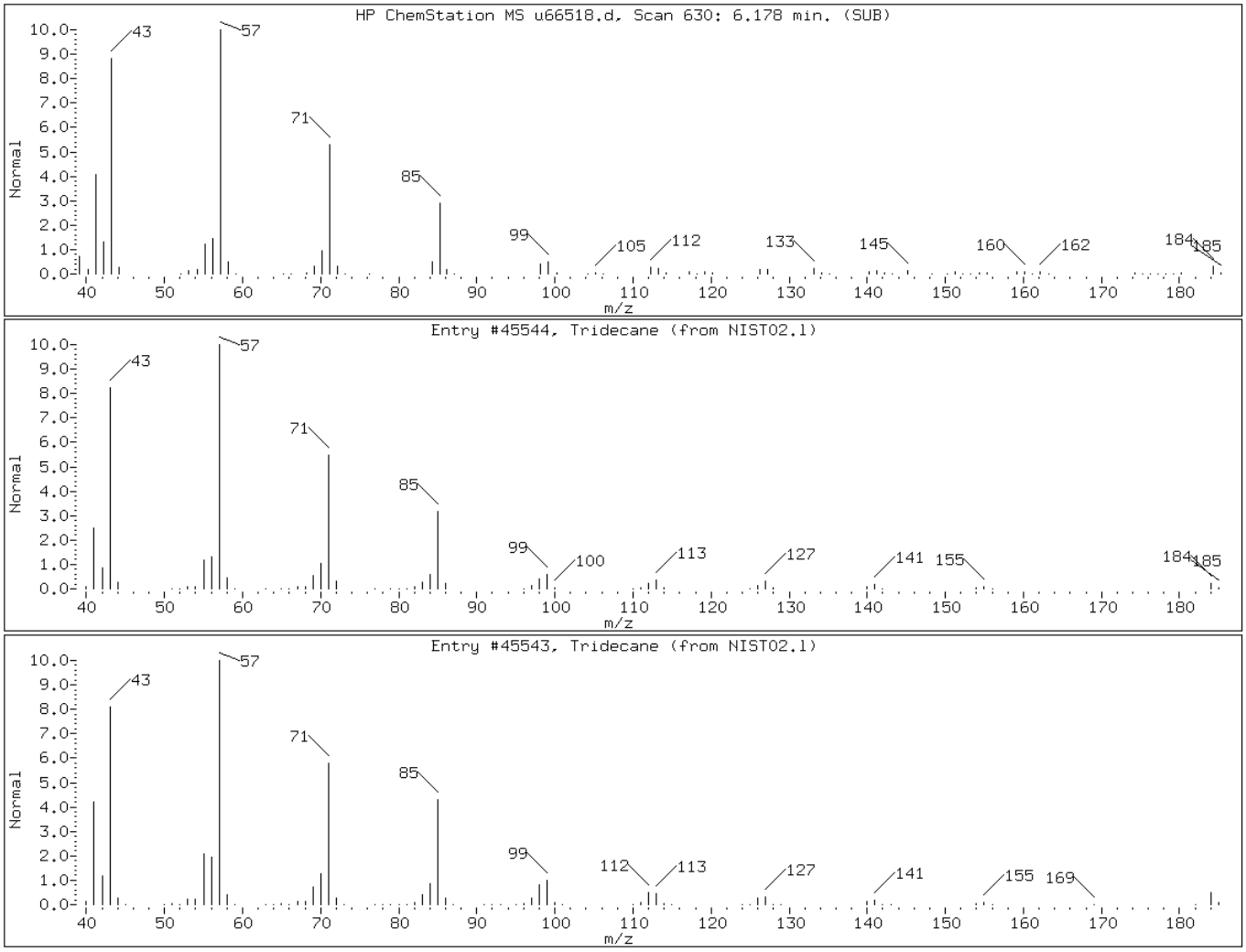
Date: 06-APR-2011 17:15

Client ID: PMP-2WT-E (8.0-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-15-C Operator: BNAMS 4

Retention Time: 6.18

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Tridecane	629-50-5	NIST02.l	45544	94	C13H28	184
Tridecane	629-50-5	NIST02.l	45543	92	C13H28	184



Data File: u66518.d

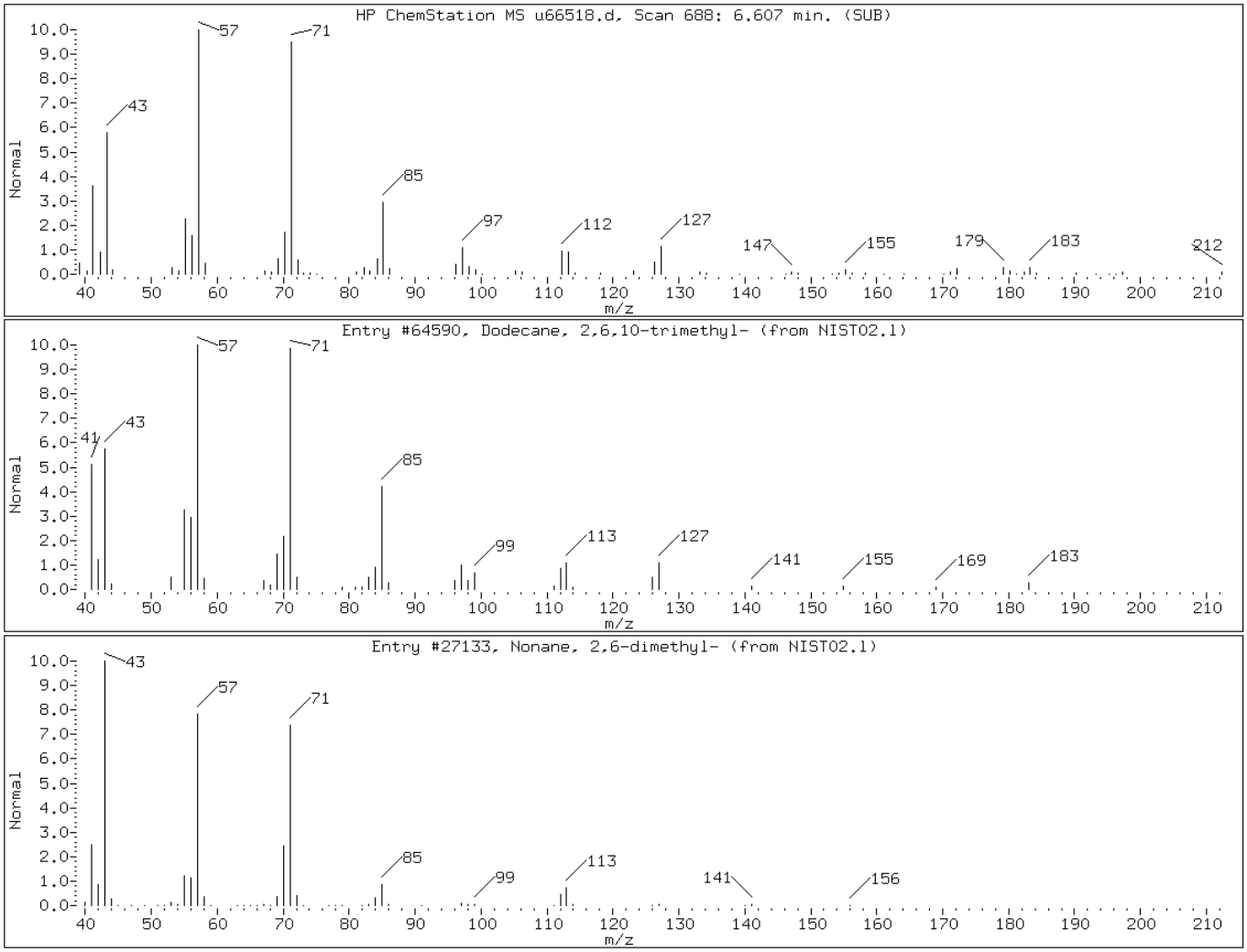
Date: 06-APR-2011 17:15

Client ID: PMP-2WT-E (8.0-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-15-C Operator: BNAMS 4

Retention Time: 6.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64590	91	C15H32	212
Nonane, 2,6-dimethyl-	17302-28-2	NIST02.l	27133	68	C11H24	156



Data File: u66518.d

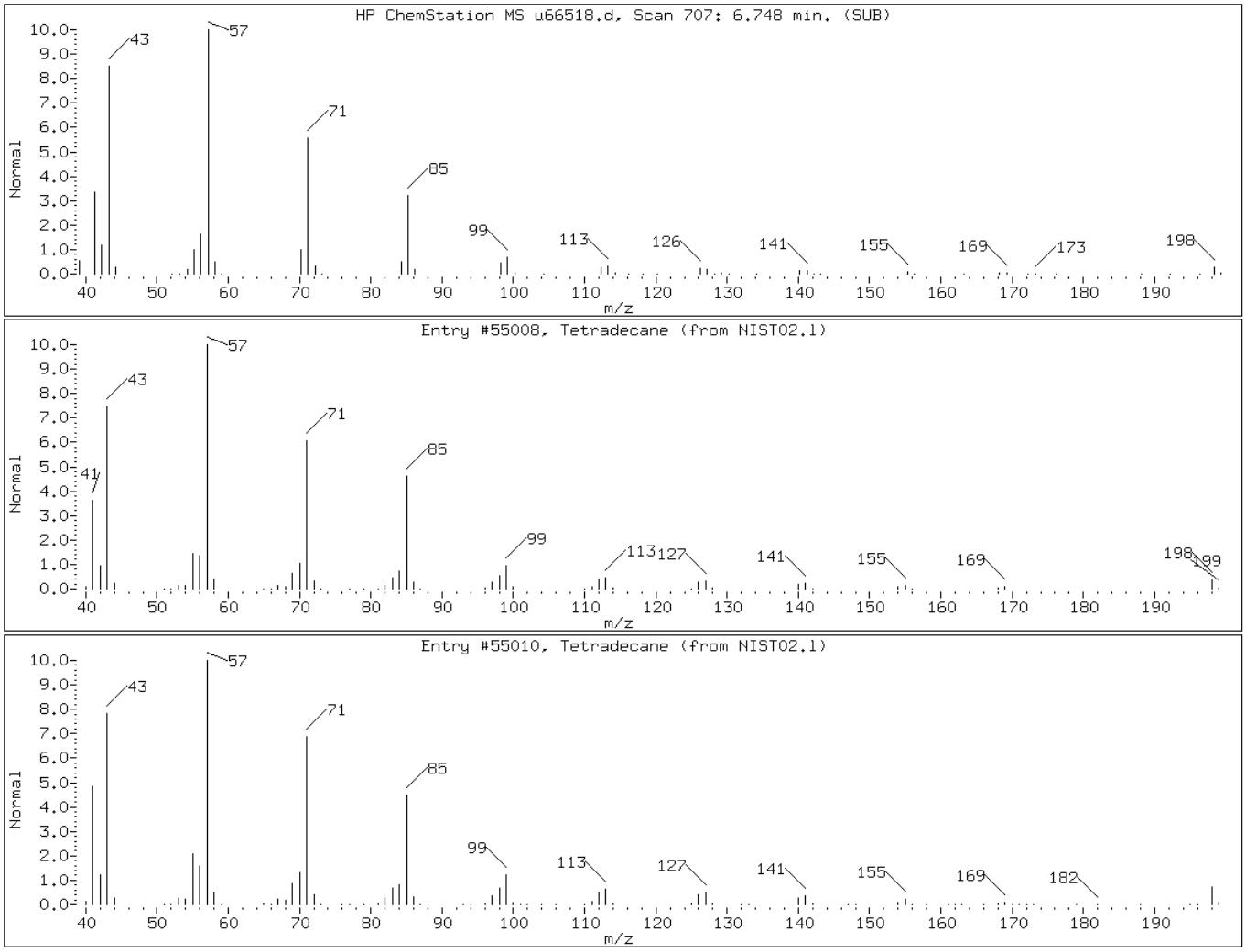
Date: 06-APR-2011 17:15

Client ID: PMP-2WT-E (8.0-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-15-C Operator: BNAMS 4

Retention Time: 6.75

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Tetradecane	629-59-4	NIST02.l	55008	96	C14H30	198
Tetradecane	629-59-4	NIST02.l	55010	95	C14H30	198



Data File: u66518.d

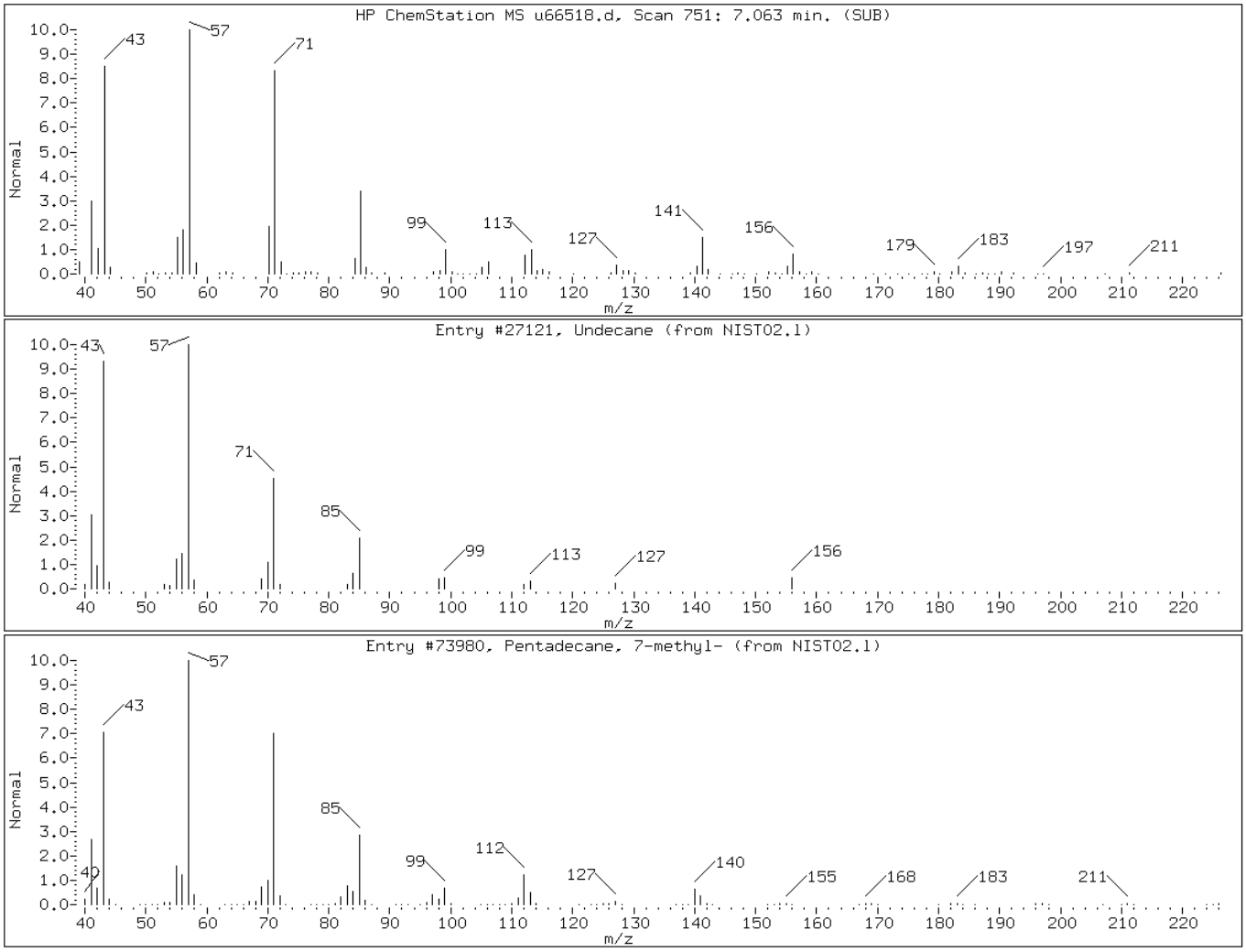
Date: 06-APR-2011 17:15

Client ID: PMP-2WT-E (8.0-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-15-C Operator: BNAMS 4

Retention Time: 7.06

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Undecane	1120-21-4	NIST02.l	27121	72	C11H24	156
Pentadecane, 7-methyl-	6165-40-8	NIST02.l	73980	72	C16H34	226



Data File: u66518.d

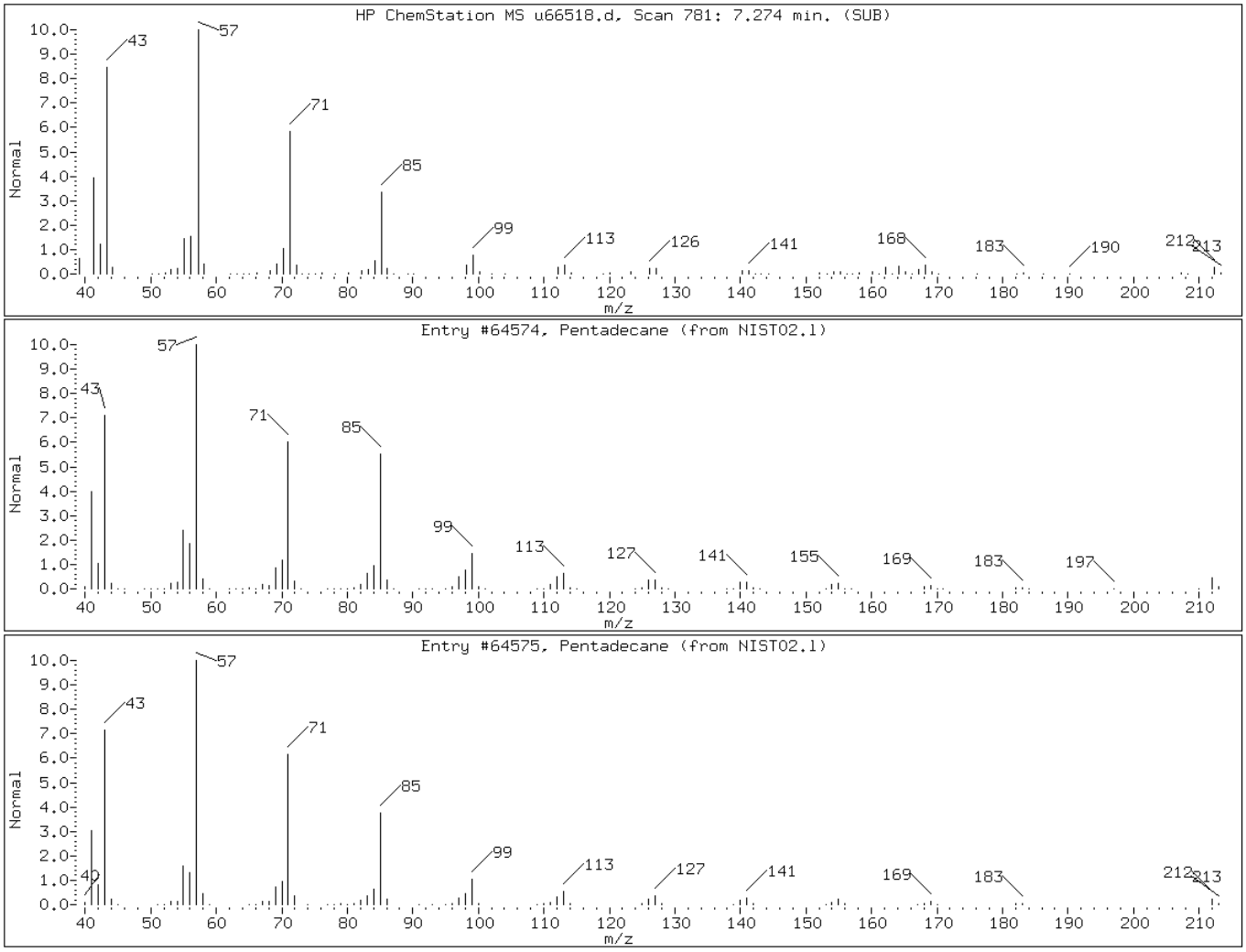
Date: 06-APR-2011 17:15

Client ID: PMP-2WT-E (8.0-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-15-C Operator: BNAMS 4

Retention Time: 7.27

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Pentadecane	629-62-9	NIST02.l	64574	93	C15H32	212
Pentadecane	629-62-9	NIST02.l	64575	93	C15H32	212



Data File: u66518.d

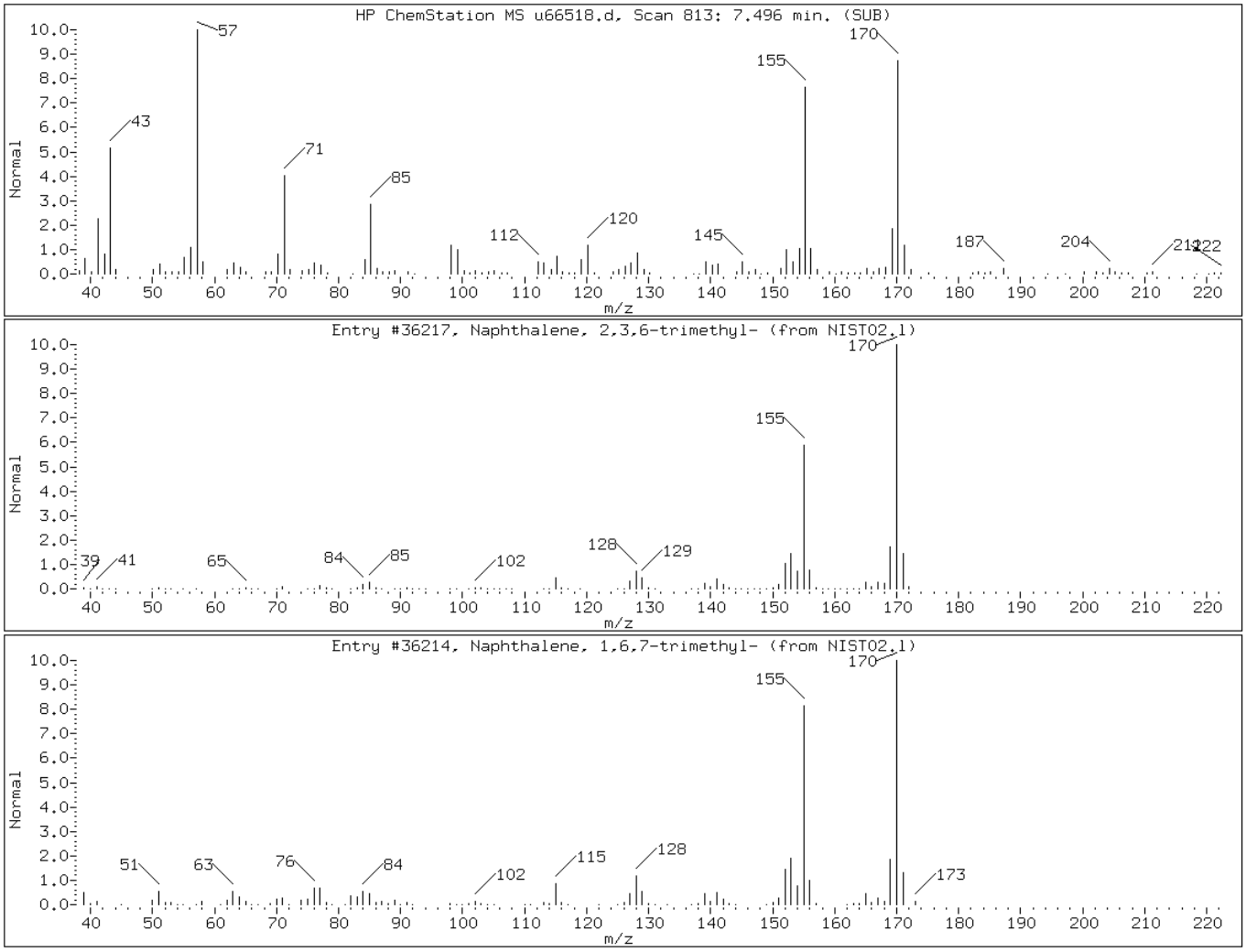
Date: 06-APR-2011 17:15

Client ID: PMP-2WT-E (8.0-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-15-C Operator: BNAMS 4

Retention Time: 7.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer						
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36217	89	C13H14	170
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36214	89	C13H14	170



Data File: u66518.d

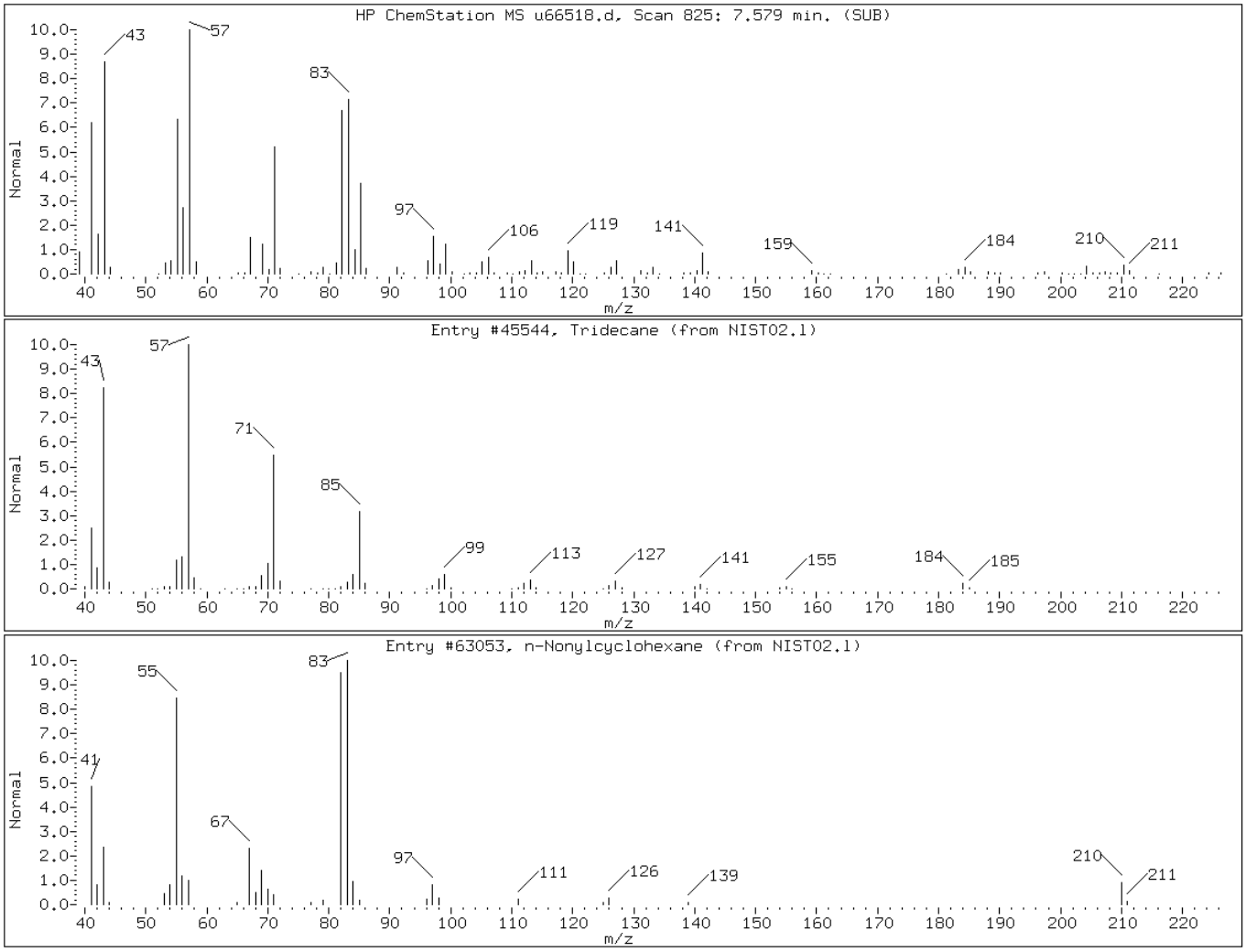
Date: 06-APR-2011 17:15

Client ID: PMP-2WT-E (8.0-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-15-C Operator: BNAMS 4

Retention Time: 7.58

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Tridecane	629-50-5	NIST02.l	45544	46	C13H28	184
n-Nonylcyclohexane	2883-02-5	NIST02.l	63053	45	C15H30	210



Data File: u66518.d

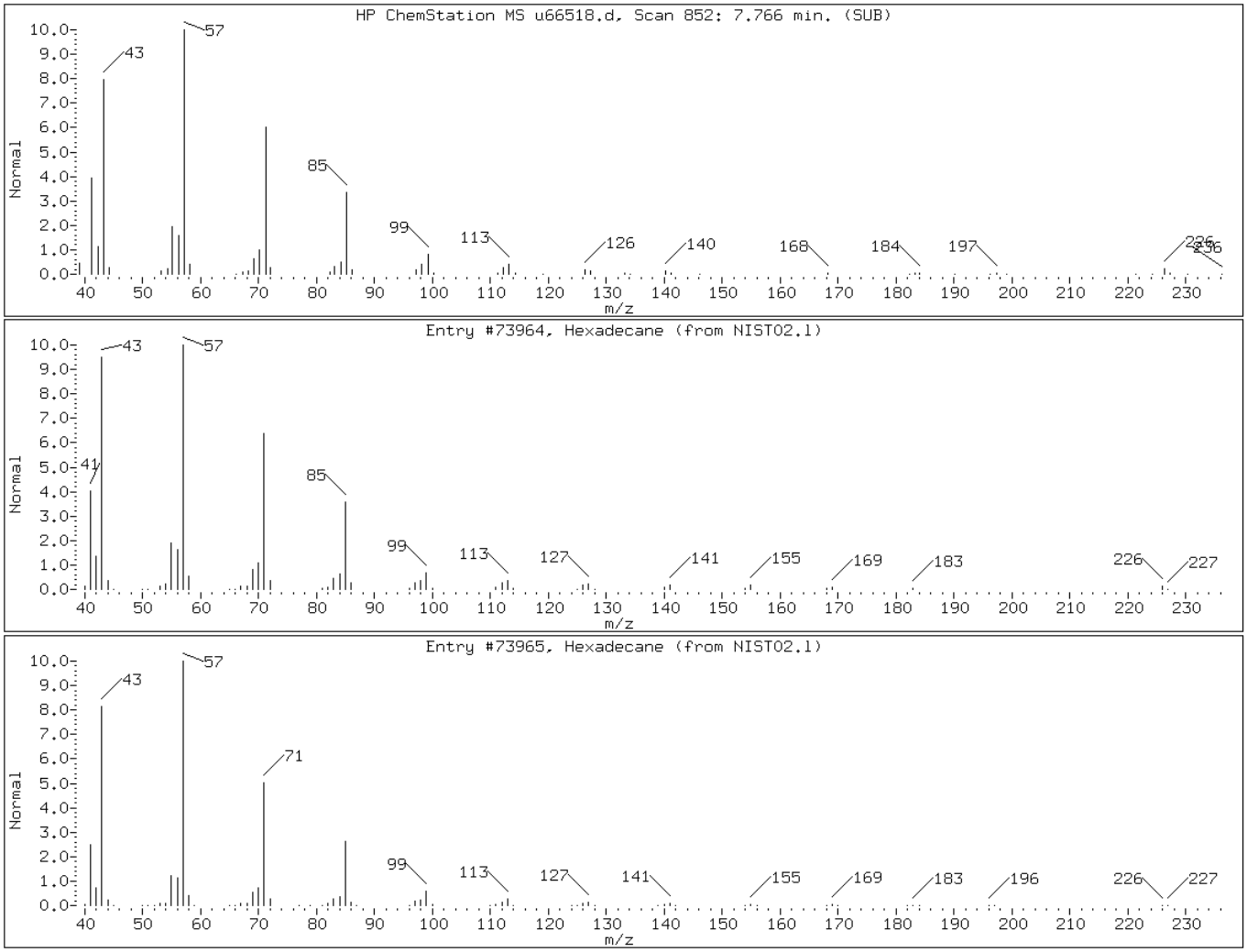
Date: 06-APR-2011 17:15

Client ID: PMP-2WT-E (8.0-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-15-C Operator: BNAMS 4

Retention Time: 7.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
Hexadecane	544-76-3	NIST02.l	73964	96	C16H34	226
Hexadecane	544-76-3	NIST02.l	73965	94	C16H34	226



Data File: u66518.d

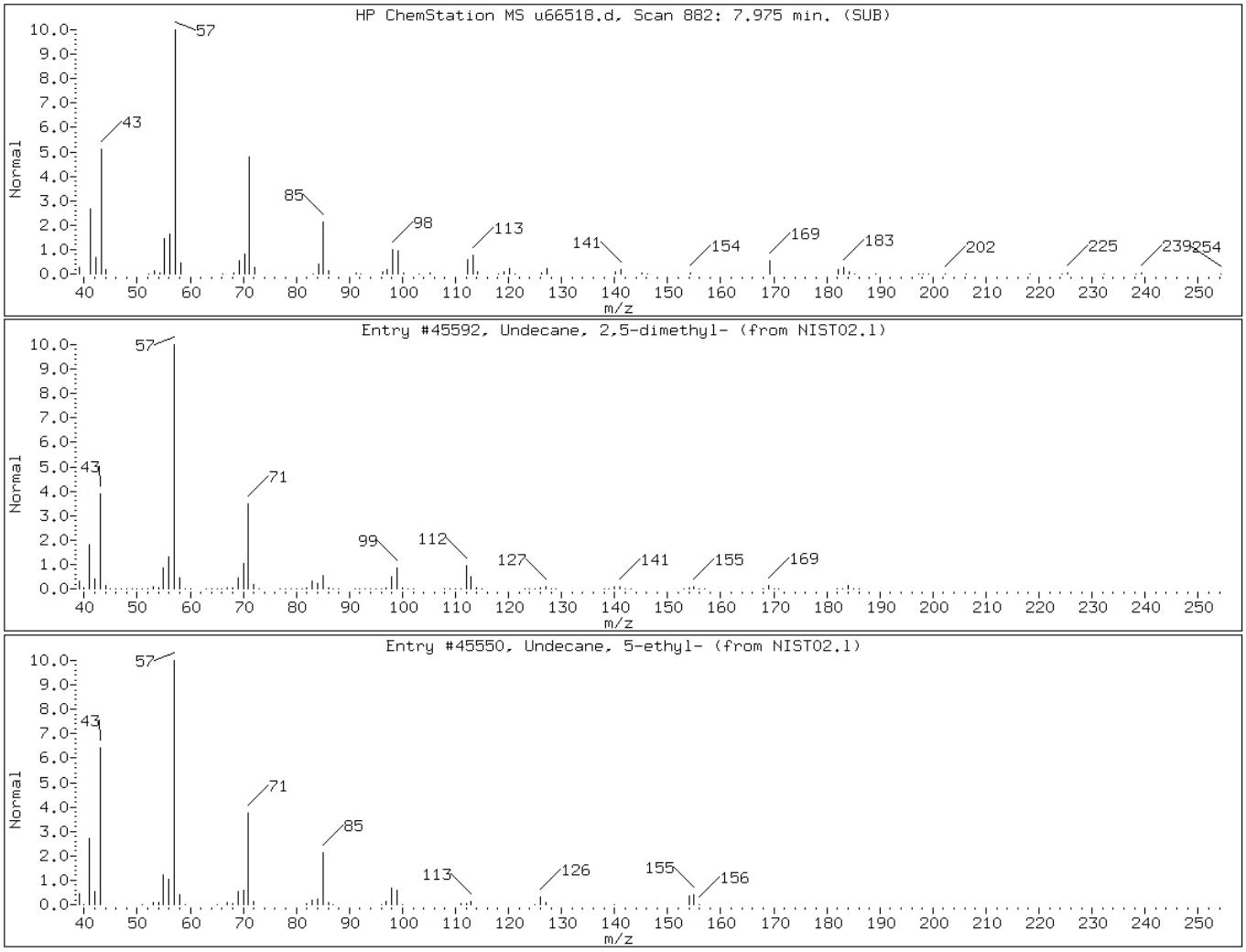
Date: 06-APR-2011 17:15

Client ID: PMP-2WT-E (8.0-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-15-C Operator: BNAMS 4

Retention Time: 7.97

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-14						
Undecane, 2,5-dimethyl-	17301-22-3	NIST02.l	45592	81	C13H28	184
Undecane, 5-ethyl-	17453-94-0	NIST02.l	45550	72	C13H28	184



Data File: u66518.d

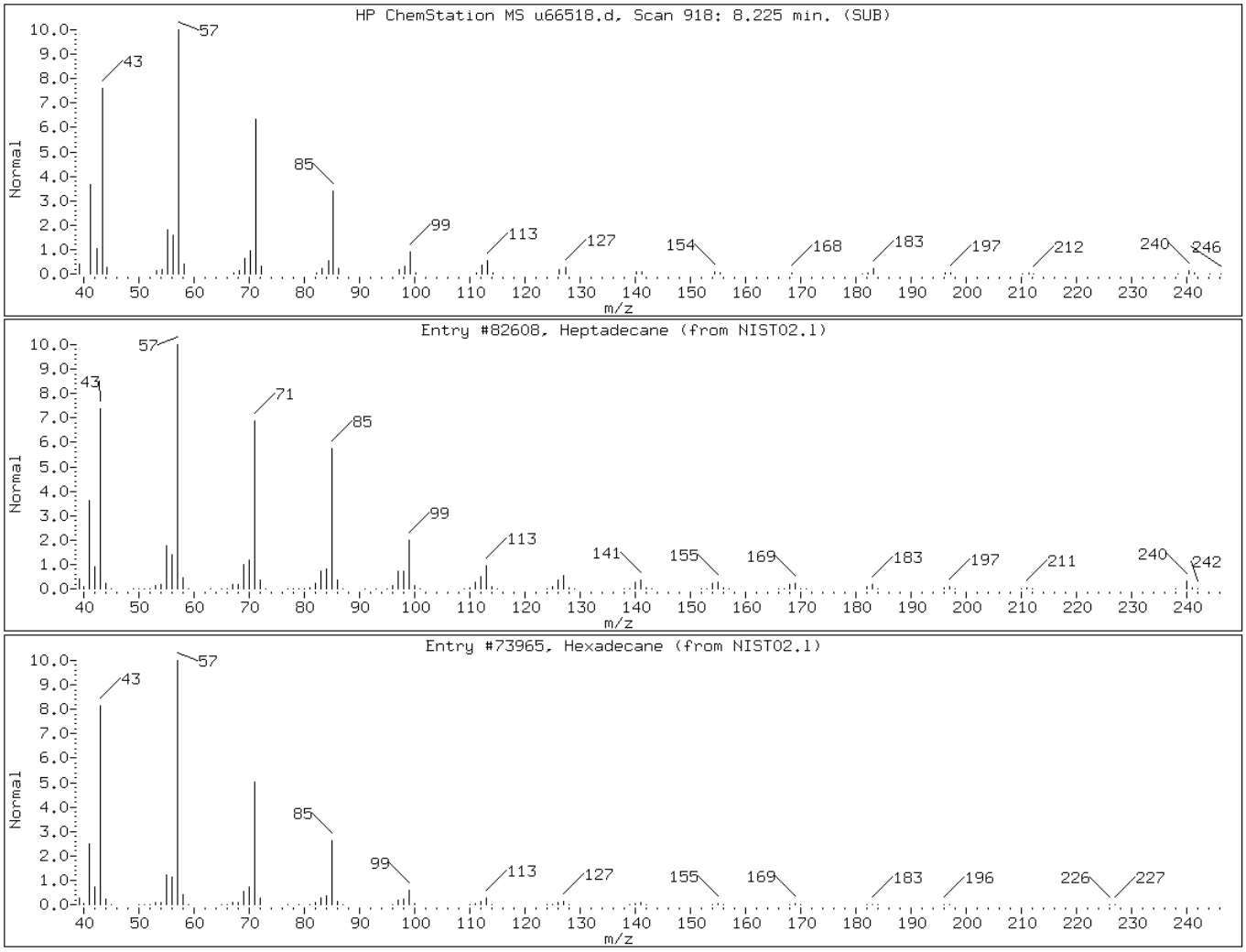
Date: 06-APR-2011 17:15

Client ID: PMP-2WT-E (8.0-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-15-C Operator: BNAMS 4

Retention Time: 8.23

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-15						
Heptadecane	629-78-7	NIST02.l	82608	95	C17H36	240
Hexadecane	544-76-3	NIST02.l	73965	91	C16H34	226



Data File: u66518.d

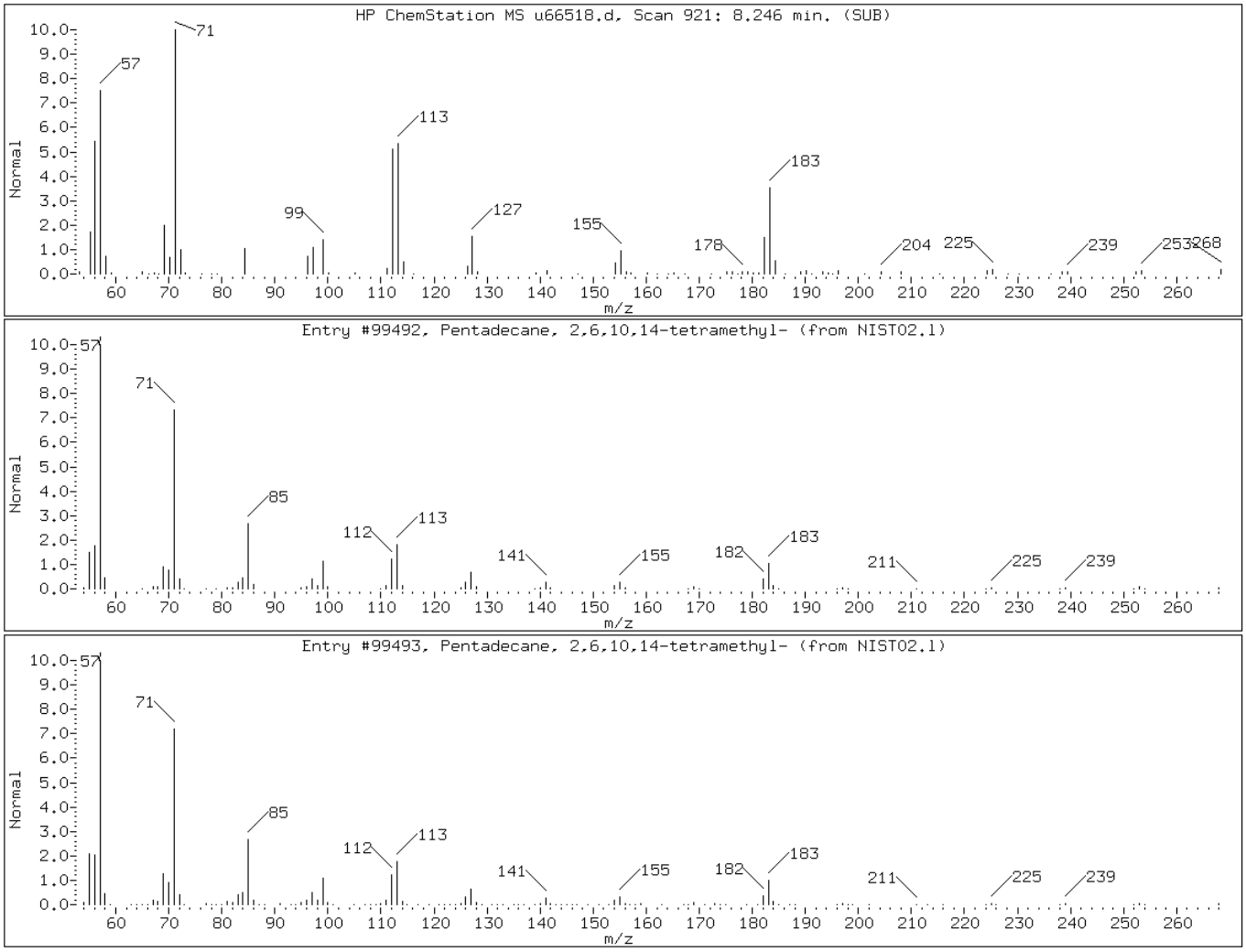
Date: 06-APR-2011 17:15

Client ID: PMP-2WT-E (8.0-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-15-C Operator: BNAMS 4

Retention Time: 8.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-16						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	78	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	60	C19H40	268



Data File: u66518.d

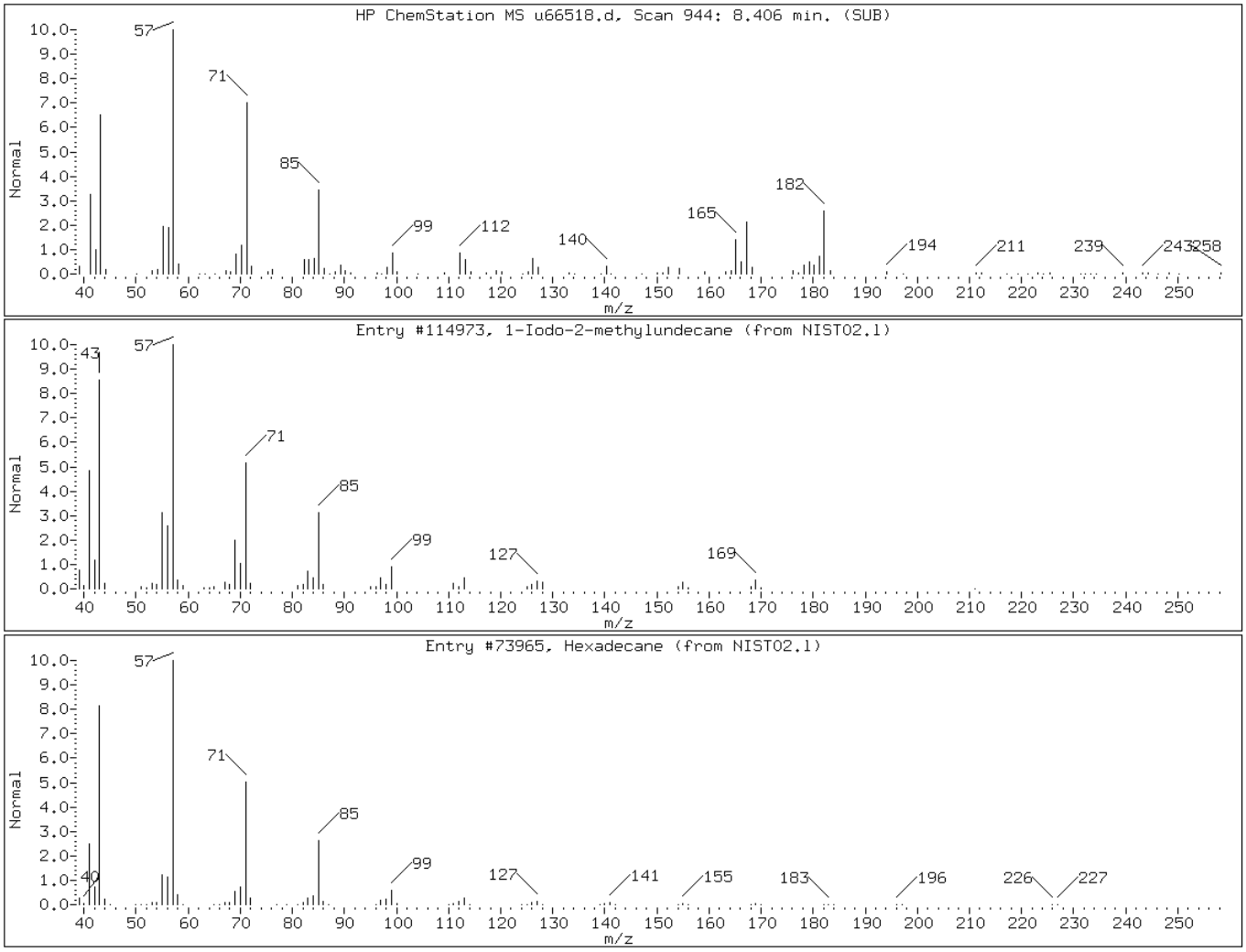
Date: 06-APR-2011 17:15

Client ID: PMP-2WT-E (8.0-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-15-C Operator: BNAMS 4

Retention Time: 8.41

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-17						
1-Iodo-2-methylundecane	73105-67-6	NIST02.l	114973	47	C12H25I	296
Hexadecane	544-76-3	NIST02.l	73965	46	C16H34	226



Data File: u66518.d

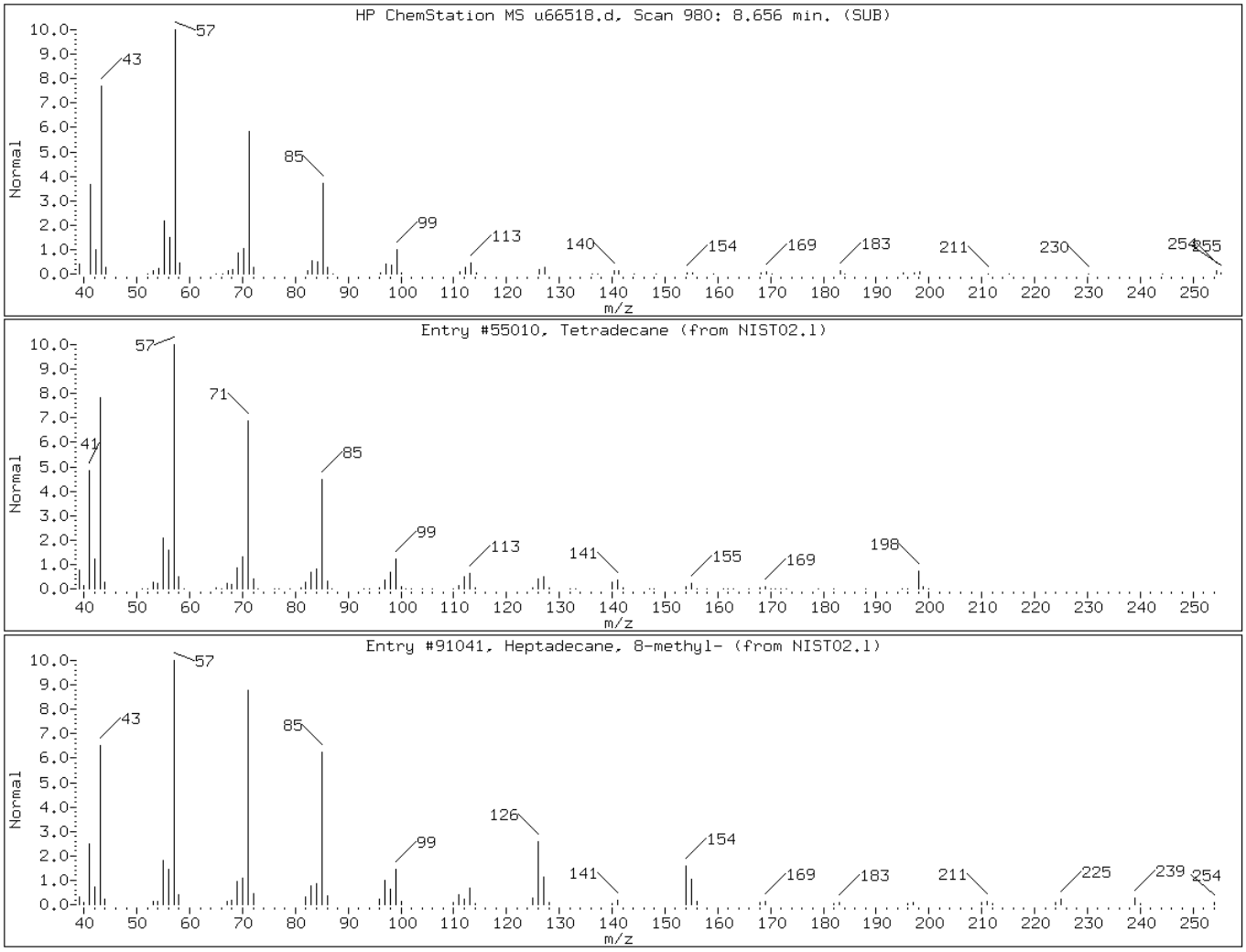
Date: 06-APR-2011 17:15

Client ID: PMP-2WT-E (8.0-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-15-C Operator: BNAMS 4

Retention Time: 8.66

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-18						
Tetradecane	629-59-4	NIST02.l	55010	96	C14H30	198
Heptadecane, 8-methyl-	13287-23-5	NIST02.l	91041	91	C18H38	254



Data File: u66518.d

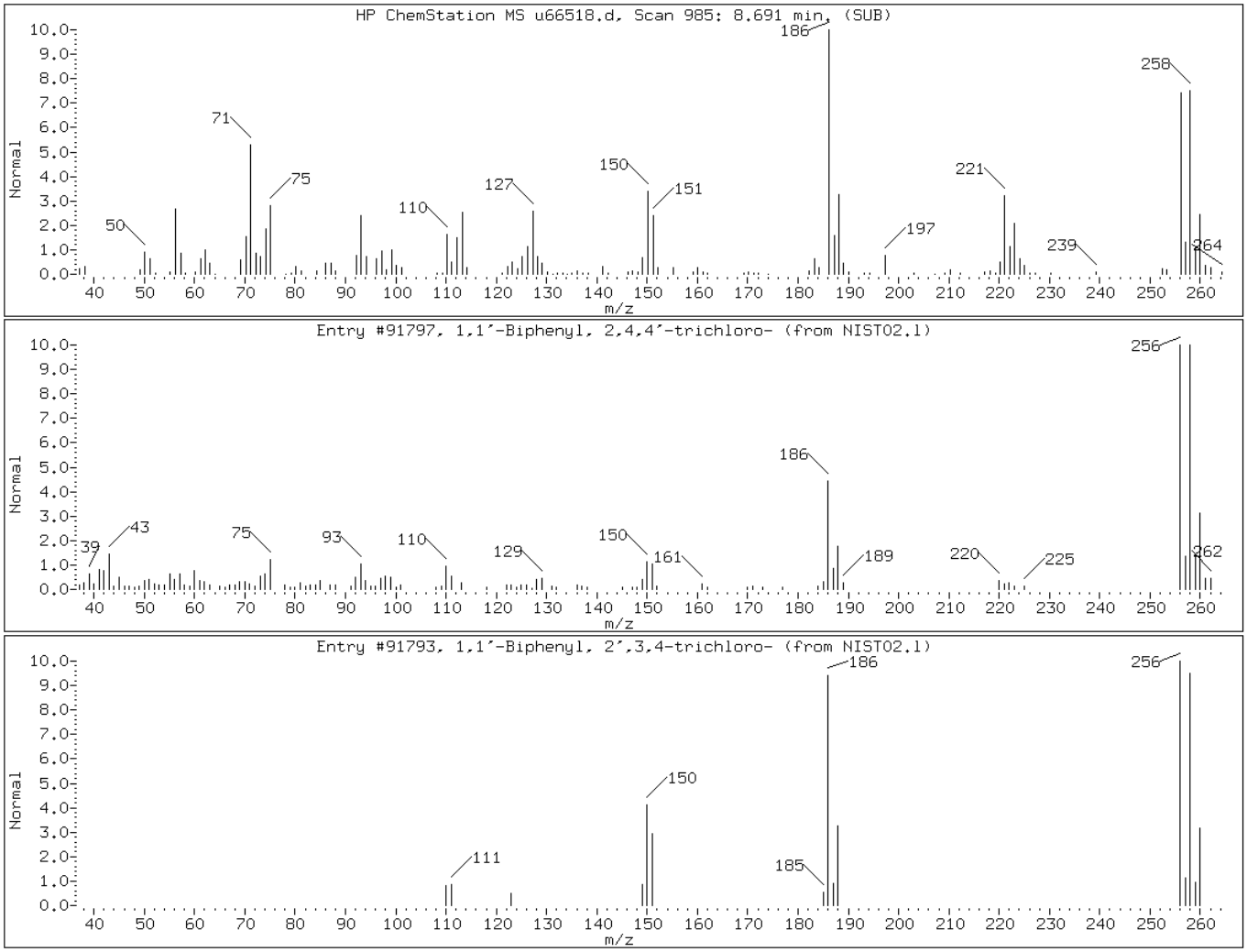
Date: 06-APR-2011 17:15

Client ID: PMP-2WT-E (8.0-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-15-C Operator: BNAMS 4

Retention Time: 8.69

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	98	C12H7Cl3	256
1,1'-Biphenyl, 2',3,4-trichloro-	38444-86-9	NIST02.l	91793	95	C12H7Cl3	256



Data File: u66518.d

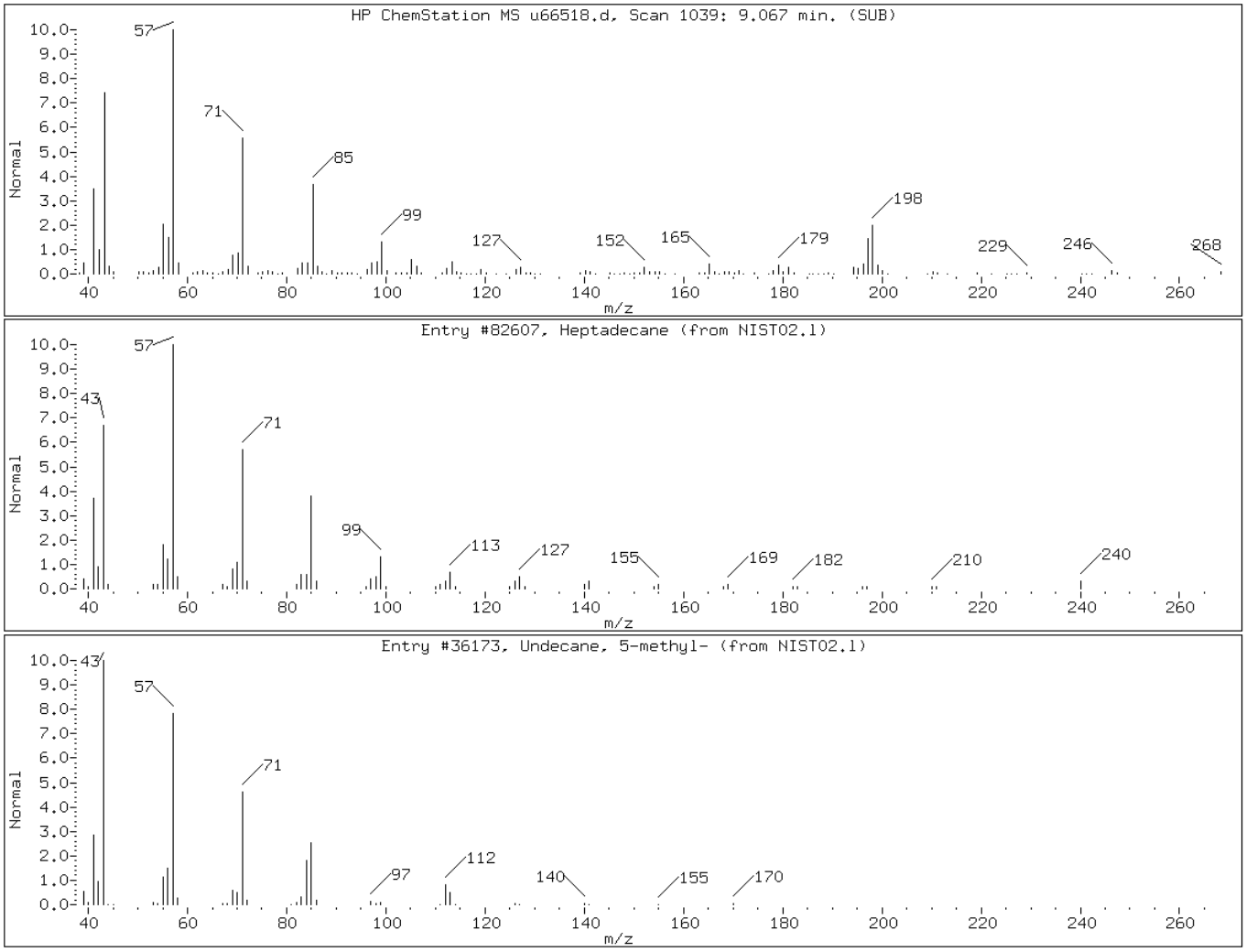
Date: 06-APR-2011 17:15

Client ID: PMP-2WT-E (8.0-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-15-C Operator: BNAMS 4

Retention Time: 9.07

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-19						
Heptadecane	629-78-7	NIST02.l	82607	93	C17H36	240
Undecane, 5-methyl-	1632-70-8	NIST02.l	36173	60	C12H26	170



Data File: u66518.d

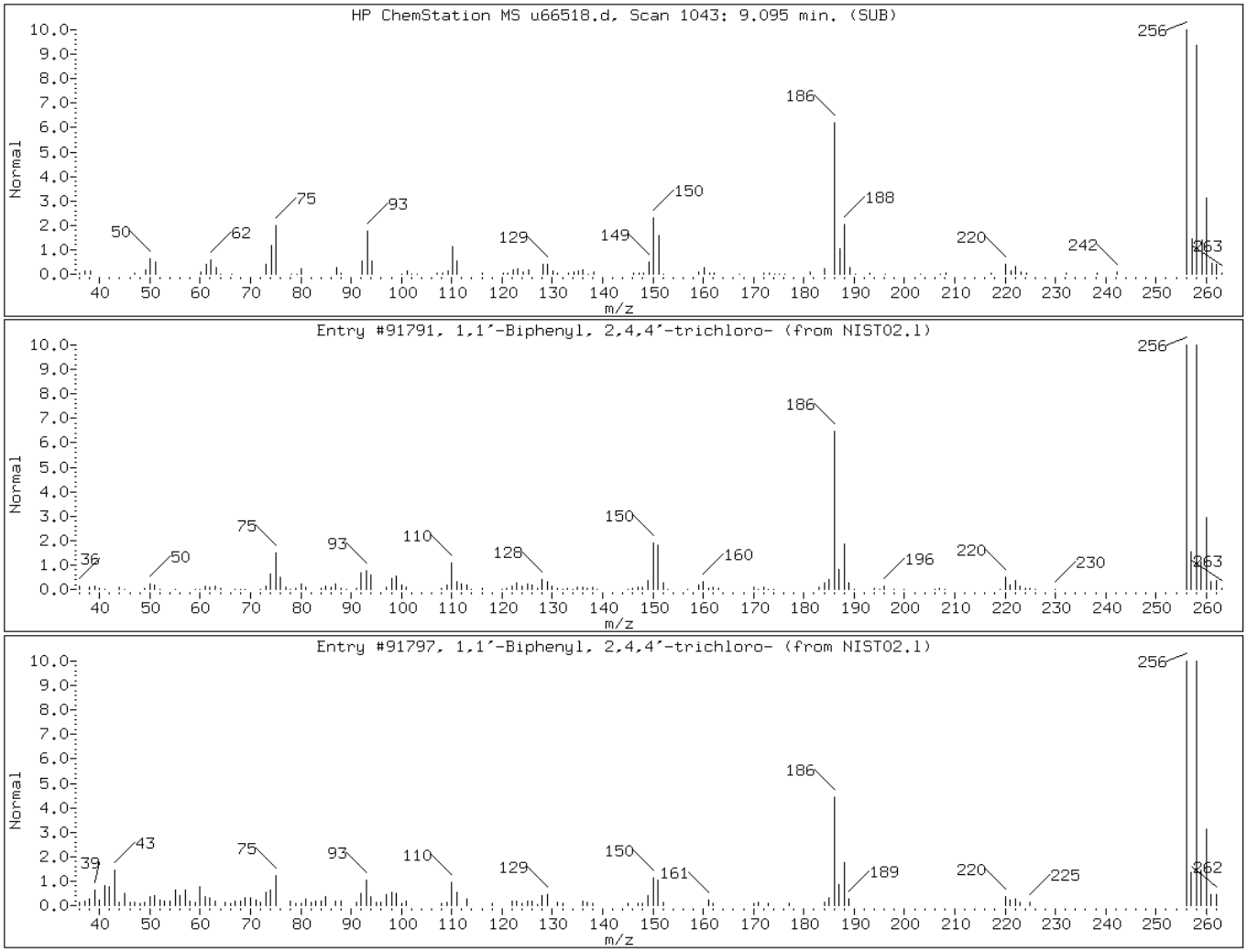
Date: 06-APR-2011 17:15

Client ID: PMP-2WT-E (8.0-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-15-C Operator: BNAMS 4

Retention Time: 9.09

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, 2,4,4'-trichloro-	7012-37-5	NIST02.l	91797	98	C12H7Cl3	256



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-2-SI-E (10.5-11.0) | Lab Sample ID: 460-24280-16

Matrix: Solid | Lab File ID: u66450.d

Analysis Method: 8270C | Date Collected: 03/17/2011 11:30

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.00(g) | Date Analyzed: 04/03/2011 23:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	760	U	760	93
95-57-8	2-Chlorophenol	760	U	760	100
95-48-7	2-Methylphenol	760	U	760	110
106-44-5	4-Methylphenol	760	U	760	120
100-52-7	Benzaldehyde	760	U	760	47
98-86-2	Acetophenone	760	U	760	110
111-44-4	Bis(2-chloroethyl)ether	76	U	76	16
108-60-1	2,2'-oxybis[1-chloropropane]	760	U	760	100
621-64-7	N-Nitrosodi-n-propylamine	76	U	76	10
98-95-3	Nitrobenzene	76	U	76	17
67-72-1	Hexachloroethane	76	U	76	13
78-59-1	Isophorone	760	U	760	87
88-75-5	2-Nitrophenol	760	U	760	120
105-67-9	2,4-Dimethylphenol	760	U	760	120
120-83-2	2,4-Dichlorophenol	760	U	760	120
111-91-1	Bis(2-chloroethoxy)methane	760	U	760	110
91-20-3	Naphthalene	4100		760	110
106-47-8	4-Chloroaniline	760	U	760	95
87-68-3	Hexachlorobutadiene	150	U	150	31
105-60-2	Caprolactam	760	U	760	100
59-50-7	4-Chloro-3-methylphenol	760	U	760	130
91-57-6	2-Methylnaphthalene	12000		760	110
118-74-1	Hexachlorobenzene	76	U	76	11
77-47-4	Hexachlorocyclopentadiene	760	U	760	220
88-06-2	2,4,6-Trichlorophenol	760	U	760	140
95-95-4	2,4,5-Trichlorophenol	760	U	760	150
92-52-4	Diphenyl	1500		760	130
91-58-7	2-Chloronaphthalene	760	U	760	110
88-74-4	2-Nitroaniline	1500	U	1500	210
606-20-2	2,6-Dinitrotoluene	150	U	150	19
131-11-3	Dimethyl phthalate	760	U	760	100
208-96-8	Acenaphthylene	760	U	760	110
99-09-2	3-Nitroaniline	1500	U	1500	170
83-32-9	Acenaphthene	760	U	760	110

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-2-SI-E (10.5-11.0) | Lab Sample ID: 460-24280-16

Matrix: Solid | Lab File ID: u66450.d

Analysis Method: 8270C | Date Collected: 03/17/2011 11:30

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.00(g) | Date Analyzed: 04/03/2011 23:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69541 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	2300	U	2300	190
51-28-5	2,4-Dinitrophenol	2300	U	2300	160
132-64-9	Dibenzofuran	760	U	760	110
84-66-2	Diethyl phthalate	760	U	760	100
86-73-7	Fluorene	1500		760	130
206-44-0	Fluoranthene	760	U	760	130
84-74-2	Di-n-butyl phthalate	760	U	760	120
121-14-2	2,4-Dinitrotoluene	150	U	150	22
7005-72-3	4-Chlorophenyl phenyl ether	760	U	760	130
100-01-6	4-Nitroaniline	1500	U	1500	160
534-52-1	4,6-Dinitro-2-methylphenol	2300	U	2300	360
101-55-3	4-Bromophenyl phenyl ether	760	U	760	140
1912-24-9	Atrazine	760	U	760	140
120-12-7	Anthracene	760	U	760	130
86-74-8	Carbazole	760	U	760	120
85-01-8	Phenanthrene	3600		760	130
87-86-5	Pentachlorophenol	2300	U	2300	370
129-00-0	Pyrene	130	J	760	130
218-01-9	Chrysene	760	U	760	110
207-08-9	Benzo[k]fluoranthene	76	U	76	11
191-24-2	Benzo[g,h,i]perylene	760	U	760	80
205-99-2	Benzo[b]fluoranthene	76	U	76	11
50-32-8	Benzo[a]pyrene	76	U	76	9.3
56-55-3	Benzo[a]anthracene	76	U	76	14
86-30-6	N-Nitrosodiphenylamine	760	U	760	120
85-68-7	Butyl benzyl phthalate	760	U	760	89
117-81-7	Bis(2-ethylhexyl) phthalate	760	U	760	100
117-84-0	Di-n-octyl phthalate	760	U	760	90
193-39-5	Indeno[1,2,3-cd]pyrene	76	U	76	12
53-70-3	Dibenz(a,h)anthracene	76	U	76	9.1
91-94-1	3,3'-Dichlorobenzidine	1500	U	1500	170
95-94-3	1,2,4,5-Tetrachlorobenzene	760	U	760	100
58-90-2	2,3,4,6-Tetrachlorophenol	760	U	760	150

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-2-SI-E (10.5-11.0) Lab Sample ID: 460-24280-16

Matrix: Solid Lab File ID: u66450.d

Analysis Method: 8270C Date Collected: 03/17/2011 11:30

Extract. Method: 3541 Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.00(g) Date Analyzed: 04/03/2011 23:00

Con. Extract Vol.: 1(mL) Dilution Factor: 2

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 12.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69541 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	127	X	38-105
4165-62-2	Phenol-d5	80		41-118
1718-51-0	Terphenyl-d14	66		16-151
118-79-6	2,4,6-Tribromophenol	75		10-120
367-12-4	2-Fluorophenol	77		37-125
321-60-8	2-Fluorobiphenyl	96		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-2-SI-E (10.5-11.0) | Lab Sample ID: 460-24280-16

Matrix: Solid | Lab File ID: u66450.d

Analysis Method: 8270C | Date Collected: 03/17/2011 11:30

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.00(g) | Date Analyzed: 04/03/2011 23:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 2

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 12.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69541 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 288200

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	5.00	17000	J
	Ethyldimethylbenzene isomer	5.41	9600	J
	Unknown Alkane-2	5.44	9100	J
	Unknown Alkane-3	5.50	11000	J
	Unknown Alkane-4	5.77	13000	J
	Unknown Alkane-6	6.14	12000	J
	Unknown Alkane-7	6.31	14000	J
90-12-0	1-Methylnaphthalene	6.49	8700	
	Unknown Cycloalkane	6.61	9100	J
	Unknown Alkane-8	6.74	10000	J
	Unknown Alkane-9	6.88	18000	J
575-41-7	1,3-Dimethylnaphthalene	7.10	16000	
	Unknown Alkane-10	7.13	7700	J
	Unknown Alkane-11	7.19	17000	J
	Unknown Alkane-12	7.40	13000	J
	Unknown Alkane-15	8.10	11000	J
	Unknown Alkane-16	8.35	29000	J
	Unknown Alkane-17	8.38	31000	J
593-45-3	n-Octadecane	8.79	12000	
	Unknown	8.82	20000	J

Data File: /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/u66450.d
Report Date: 06-Apr-2011 10:53

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/u66450.d
Lab Smp Id: 460-24280-F-16-C Client Smp ID: PMP-2-SI-E (10.5-11
Inj Date : 03-APR-2011 23:00
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-24280-F-16-C
Misc Info : 460-24280-F-16-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/8270C_08SP.m
Meth Date : 05-Apr-2011 10:49 croccom Quant Type: ISTD
Cal Date : 02-APR-2011 11:46 Cal File: u66408.d
Als bottle: 10
Dil Factor: 2.00000
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	2.00000	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	12.80788	% 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	3.089	3.077	(0.706)	416031	38.7239	5900
$	17 Phenol-d5 (SUR)	99	3.996	4.019	(0.914)	496449	39.9572	6100
	113 n-decane	43	4.225	4.226	(0.966)	352066	38.8967	5900
	21 1,3-Dichlorobenzene	146	4.321	4.329	(0.988)	6941	0.87463	130(a)
*	79 1,4-Dichlorobenzene-d4	152	4.373	4.381	(1.000)	204577	40.0000	
	22 1,4-Dichlorobenzene	146	4.388	4.395	(1.003)	24318	3.38913	520(a)
	23 1,2-Dichlorobenzene	146	4.545	4.550	(1.039)	11630	1.63834	250(a)
$	76 Nitrobenzene-d5 (SUR)	82	4.928	4.949	(0.870)	192179	31.7026	4800(R)
	30 1,2,4-Trichlorobenzene	180	5.614	5.614	(0.991)	104446	23.4201	3600
*	80 Naphthalene-d8	136	5.665	5.666	(1.000)	547353	40.0000	
	31 Naphthalene	128	5.687	5.688	(1.004)	373060	27.0669	4100
	34 2-Methylnaphthalene	142	6.397	6.379	(1.129)	774681	80.9315	12000
	120 1-Methylnaphthalene	142	6.493	6.481	(1.146)	478714	56.9579	8700

Data File: /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/u66450.d
Report Date: 06-Apr-2011 10:53

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$ 77 2-Fluorobiphenyl (SUR)	172	6.758	6.754	(0.910)	204890	24.1222	3700
102 Diphenyl	154	6.851	6.849	(0.922)	87592	9.99507	1500
125 1,3-Dimethylnaphthalene	156	7.104	7.086	(0.956)	649680	105.735	16000
* 82 Acenaphthene-d10	164	7.430	7.420	(1.000)	255036	40.0000	
47 Fluorene	166	7.965	7.960	(1.072)	68890	9.92143	1500(H)
$ 18 2,4,6-Tribromophenol (SUR)	330	8.208	8.199	(1.105)	48086	37.2563	5700
115 n-Octadecane	57	8.794	8.781	(0.989)	427891	80.1129	12000(H)
* 83 Phenanthrene-d10	188	8.891	8.883	(1.000)	329629	40.0000	
52 Phenanthrene	178	8.912	8.905	(1.002)	226967	23.5555	3600
57 Pyrene	202	10.283	10.288	(0.885)	12213	0.83689	130(a)
$ 78 Terphenyl-d14	244	10.437	10.442	(0.899)	177211	16.5157	2500
* 81 Chrysene-d12	240	11.614	11.636	(1.000)	396393	40.0000	
* 84 Perylene-d12	264	13.516	13.528	(1.000)	305376	40.0000	

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: /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/u66450.d
Report Date: 06-Apr-2011 10:53

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/u66450.d
Lab Smp Id: 460-24280-F-16-C Client Smp ID: PMP-2-SI-E (10.5-11
Inj Date : 03-APR-2011 23:00
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-24280-F-16-C
Misc Info : 460-24280-F-16-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/8270C_08SP.m
Meth Date : 05-Apr-2011 10:49 croccom Quant Type: ISTD
Cal Date : 02-APR-2011 11:46 Cal File: u66408.d
Als bottle: 10
Dil Factor: 2.00000
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	2.00000	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	12.80788	% Moisture

Cpnd Variable Local Compound Variable

ISTD		RT	AREA	AMOUNT
* 79	1,4-Dichlorobenzene-d4	4.373	1256432	40.000
* 82	Acenaphthene-d10	7.430	2021074	40.000
* 83	Phenanthrene-d10	8.891	658967	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-1					CAS #:		
5.000	3411598	108.612194	17000	0		0	79

Data File: /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/u66450.d
Report Date: 06-Apr-2011 10:53

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Ethyldimethylbenzene isomer					CAS #:		
5.413	1963505	62.5104492	9600	0		0	79
Unknown Alkane-2					CAS #:		
5.443	1869665	59.5229639	9100	0		0	79
Unknown Alkane-3					CAS #:		
5.495	2163105	68.8649728	10000	0		0	79
Unknown Alkane-4					CAS #:		
5.767	2767156	88.0956334	13000	0		0	79
Unknown Alkane-5					CAS #:		
6.088	1947891	38.5515813	5900	0		0	82
Unknown Alkane-6					CAS #:		
6.138	4021083	79.5830589	12000	0		0	82
Unknown Alkane-7					CAS #:		
6.311	4740515	93.8216602	14000	0		0	82
Unknown Cycloalkane					CAS #:		
6.605	3019331	59.7569349	9100	0		0	82
Unknown Alkane-8					CAS #:		
6.737	3291883	65.1511234	10000	0		0	82
Unknown Alkane-9					CAS #:		
6.879	6018535	119.115531	18000	0		0	82
Unknown Alkane-10					CAS #:		
7.125	2558243	50.6313410	7700	0		0	82
Unknown Alkane-11					CAS #:		
7.194	5686974	112.553462	17000	0		0	82
Unknown Alkane-12					CAS #:		
7.402	4163553	82.4027413	13000	0		0	82
Unknown Alkane-13					CAS #:		
7.625	1989592	39.3768979	6000	0		0	82
Unknown Alkane-14					CAS #:		
7.895	2463805	48.7622763	7400	0		0	82

Data File: /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/u66450.d
Report Date: 06-Apr-2011 10:53

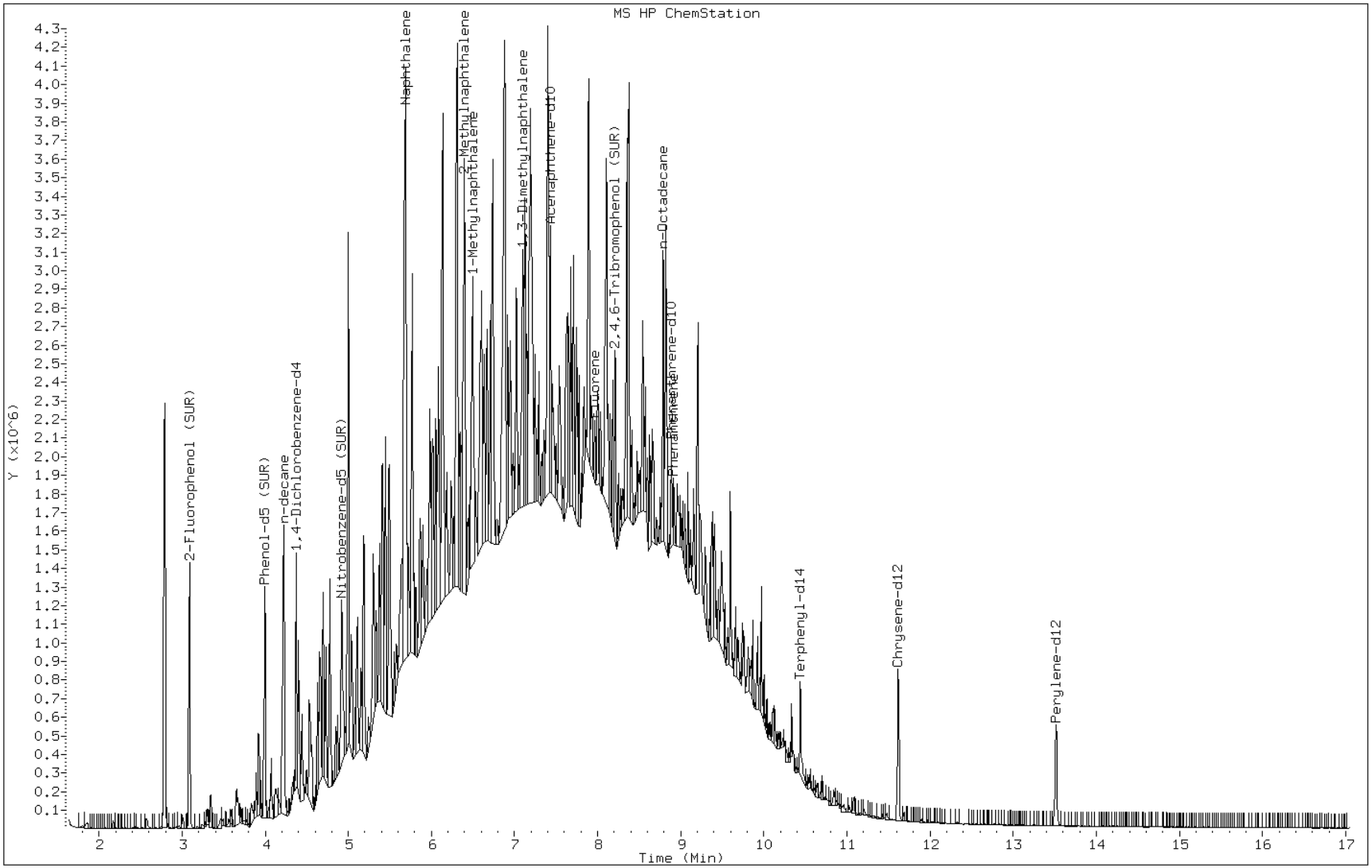
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-15					CAS #:		
8.104	3548652	70.2329651	11000	0		0	82
Unknown Alkane-16					CAS #:		
8.355	3142095	190.728381	29000	0		0	83
Unknown Alkane-17					CAS #:		
8.376	3353956	203.588608	31000	0		0	83
Unknown					CAS #:		
8.822	2193439	133.144035	20000	0		0	83

Data File: u66450.d

Date: 03-APR-2011 23:00

Client ID: PMP-2-SI-E (10.5-11 Instrument: BNAMS4.i

Sample Info: 460-24280-F-16-C Operator: BNAMS 4



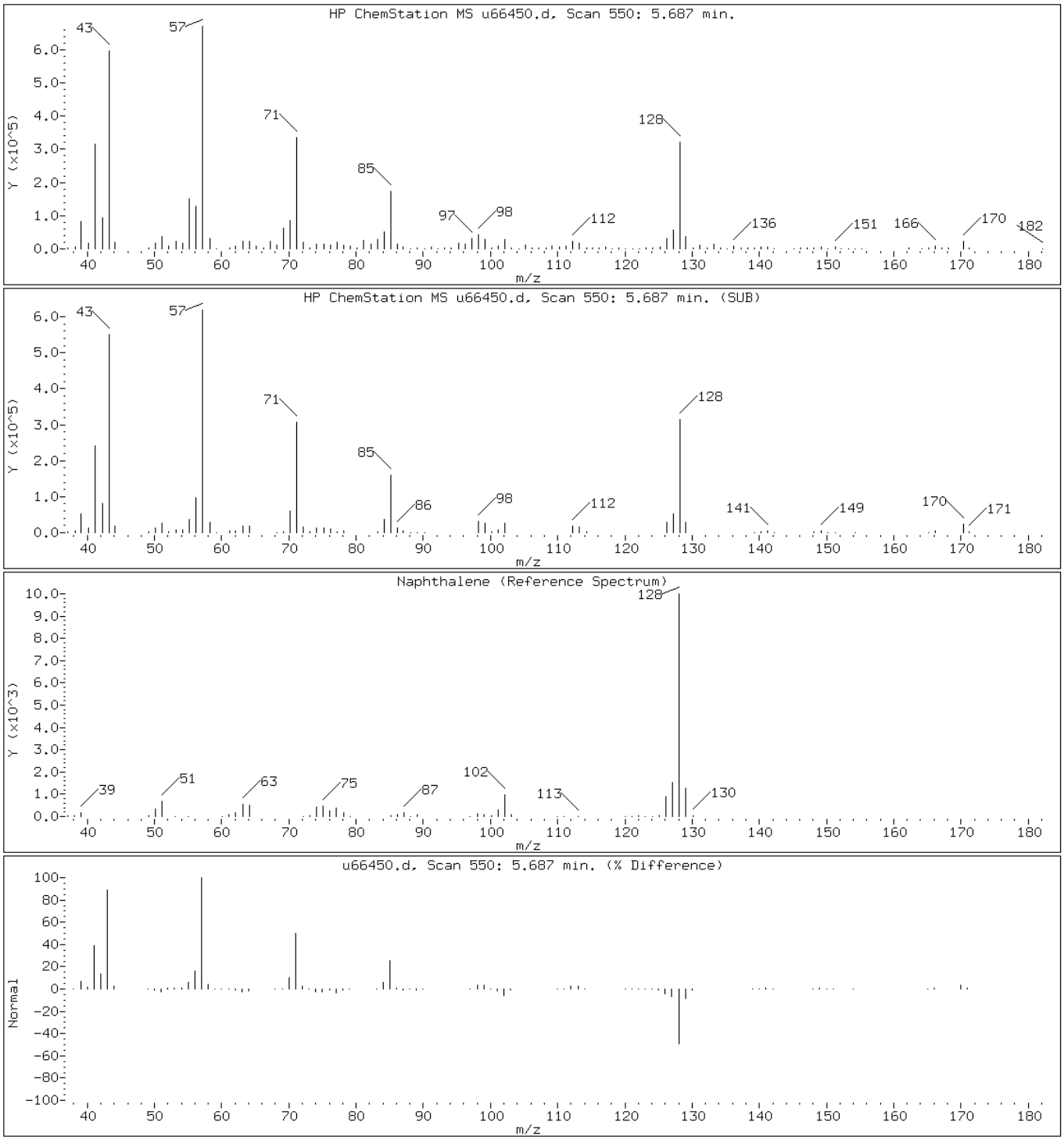
Data File: u66450.d

Date: 03-APR-2011 23:00

Client ID: PMP-2-SI-E (10.5-11 Instrument: BNAMS4.i

Sample Info: 460-24280-F-16-C Operator: BNAMS 4

31 Naphthalene



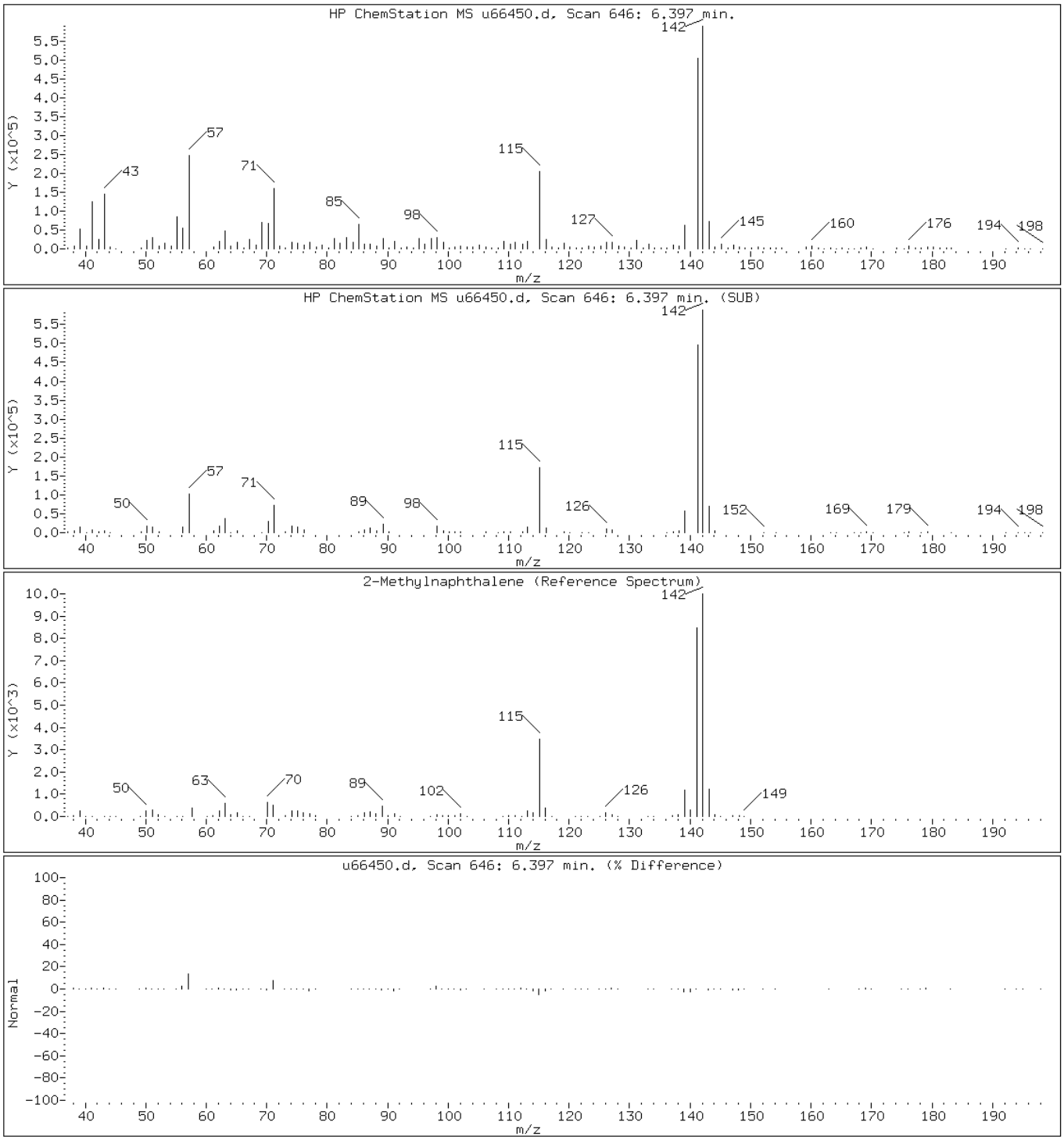
Data File: u66450.d

Date: 03-APR-2011 23:00

Client ID: PMP-2-SI-E (10.5-11 Instrument: BNAMS4.i

Sample Info: 460-24280-F-16-C Operator: BNAMS 4

34 2-Methylnaphthalene



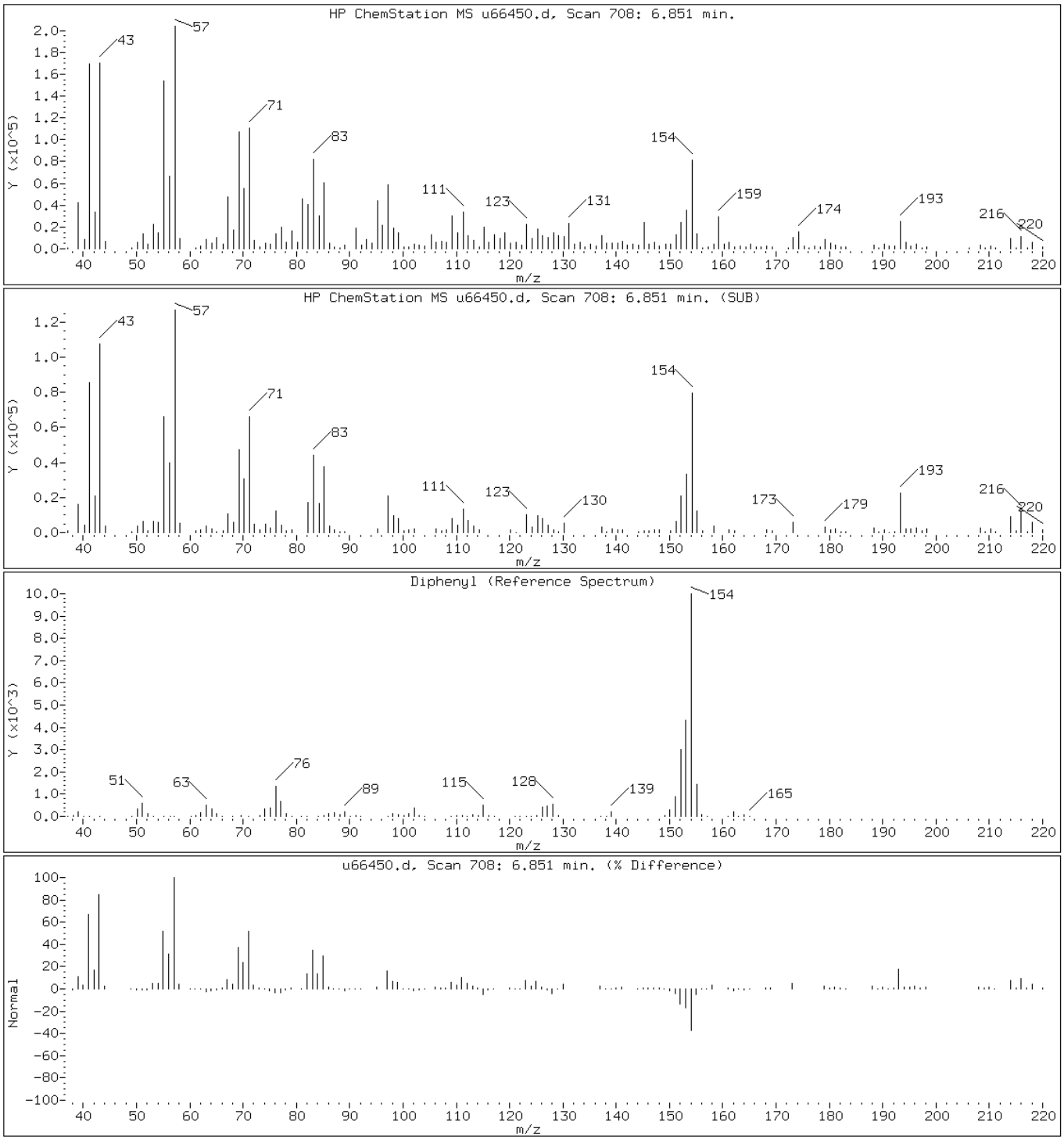
Data File: u66450.d

Date: 03-APR-2011 23:00

Client ID: PMP-2-SI-E (10.5-11 Instrument: BNAMS4.i

Sample Info: 460-24280-F-16-C Operator: BNAMS 4

102 Diphenyl



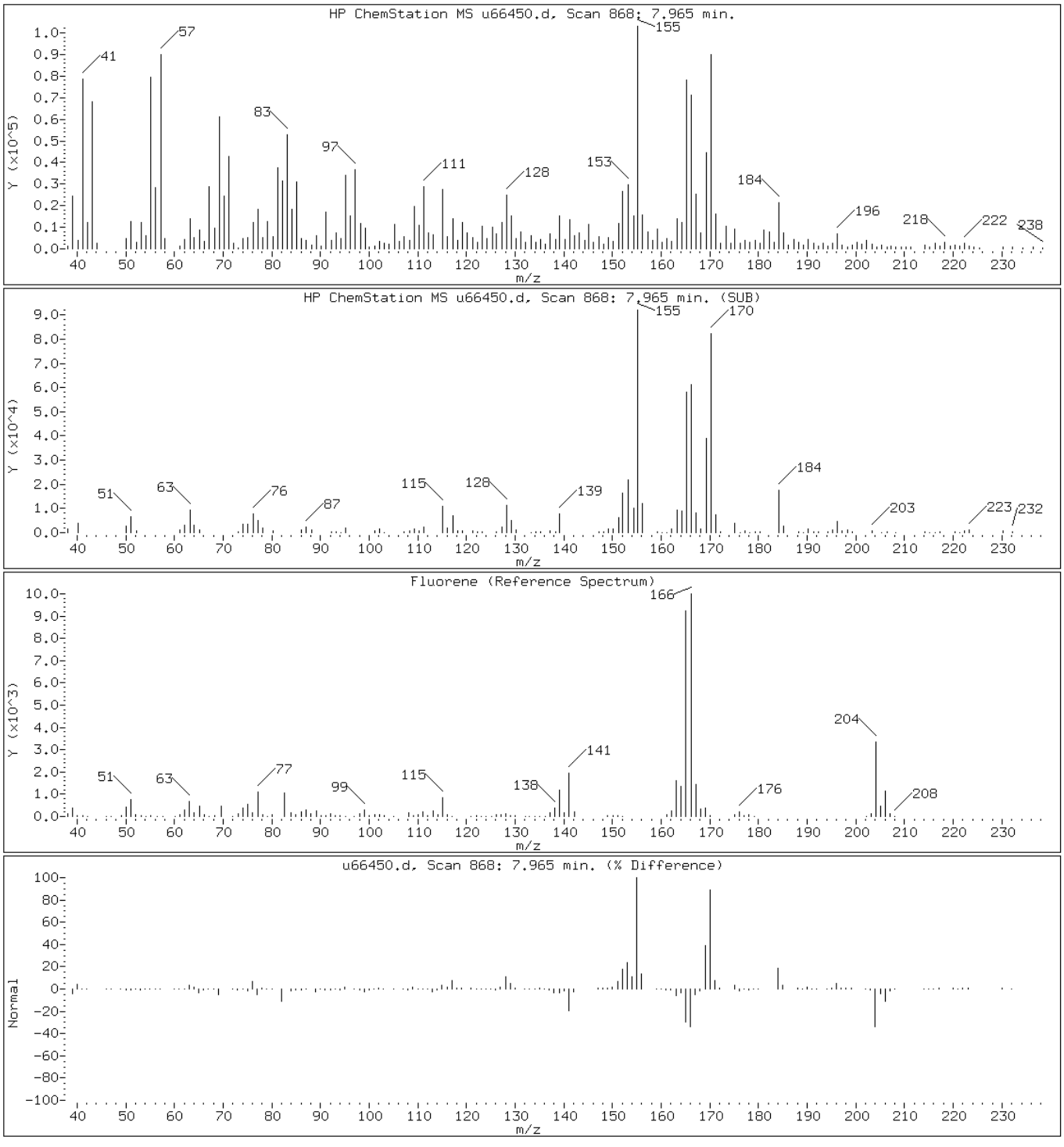
Data File: u66450.d

Date: 03-APR-2011 23:00

Client ID: PMP-2-SI-E (10.5-11 Instrument: BNAMS4.i

Sample Info: 460-24280-F-16-C Operator: BNAMS 4

47 Fluorene



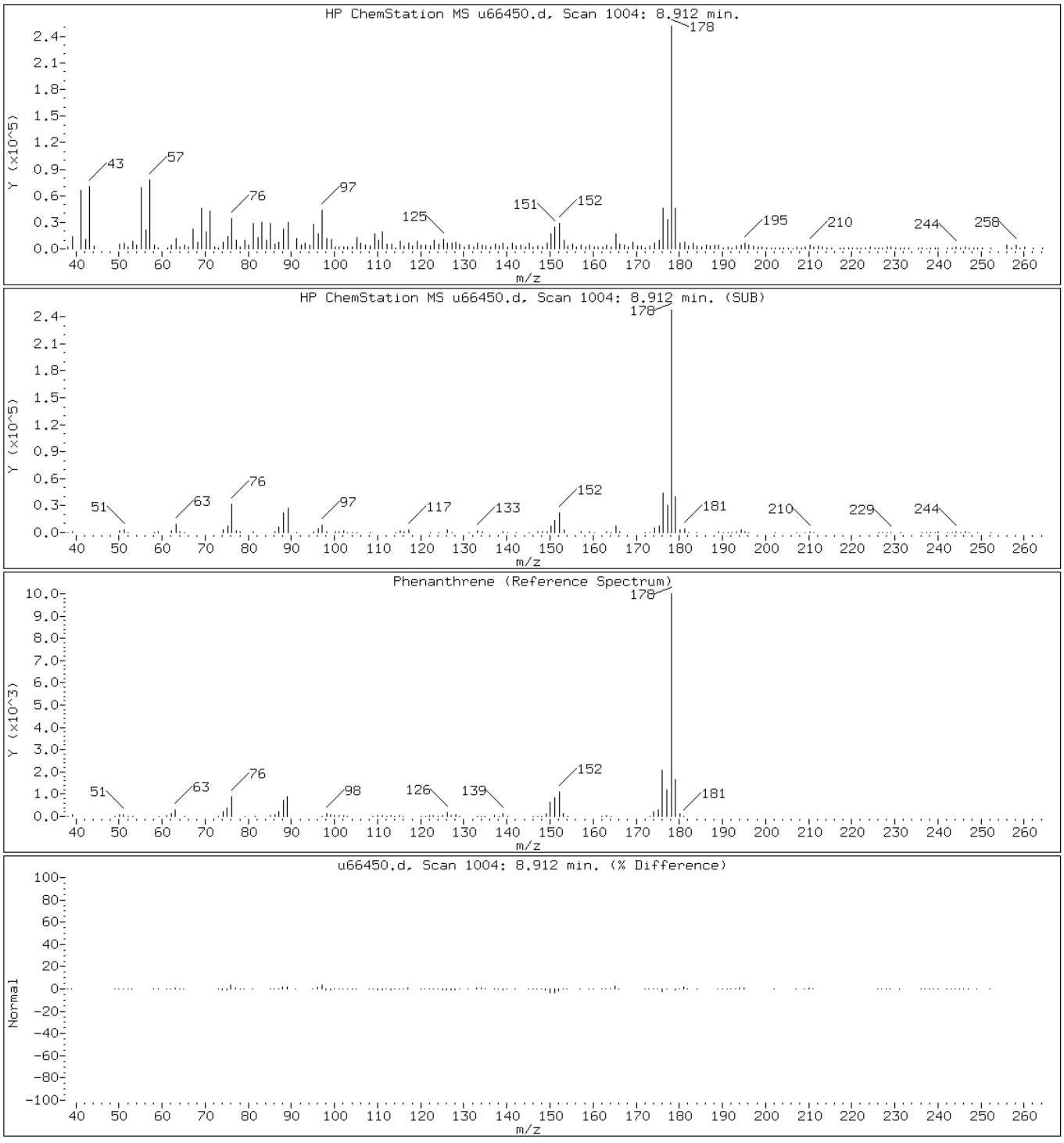
Data File: u66450.d

Date: 03-APR-2011 23:00

Client ID: PMP-2-SI-E (10.5-11 Instrument: BNAMS4.i

Sample Info: 460-24280-F-16-C Operator: BNAMS 4

52 Phenanthrene



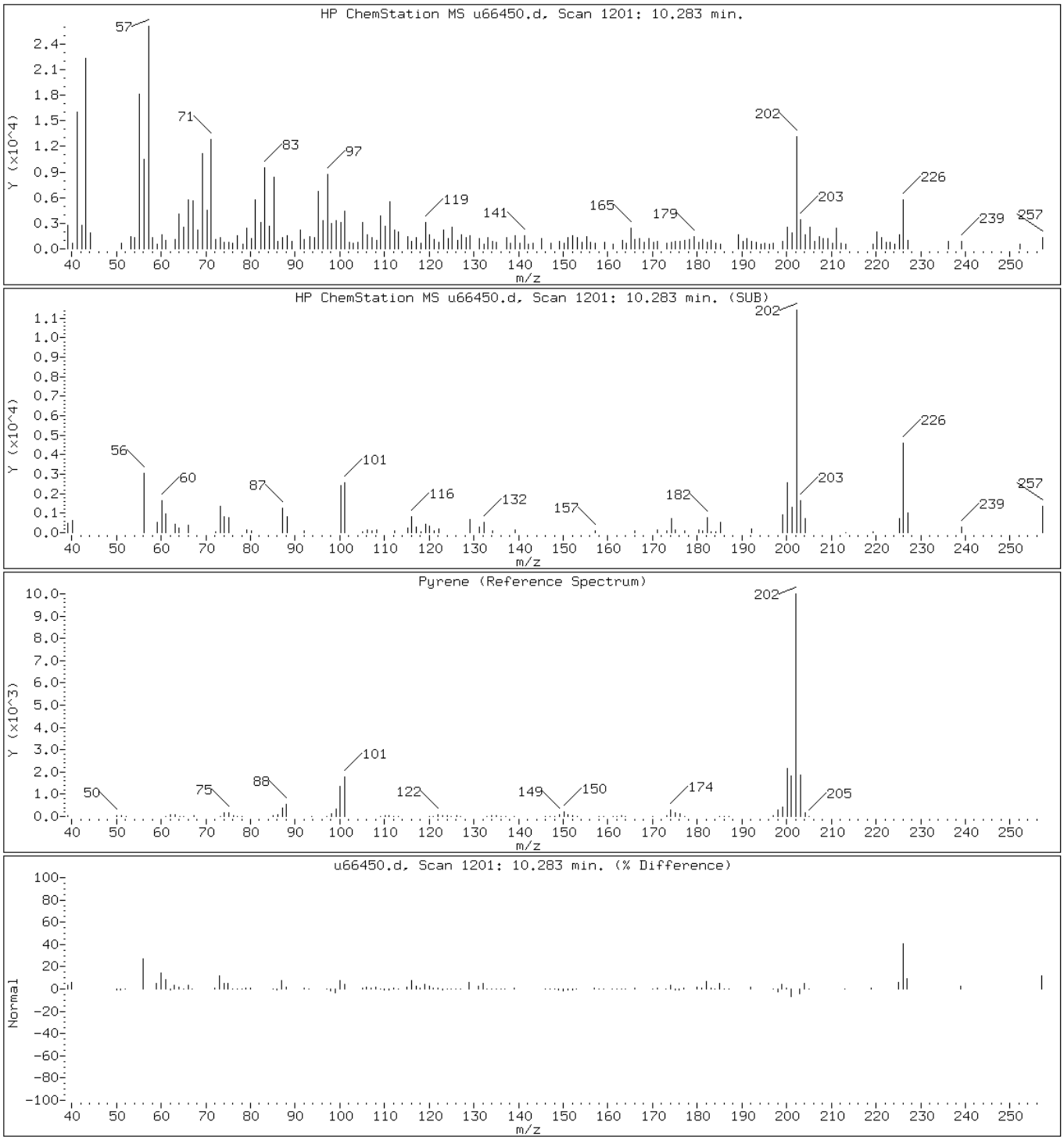
Data File: u66450.d

Date: 03-APR-2011 23:00

Client ID: PMP-2-SI-E (10.5-11 Instrument: BNAMS4.i

Sample Info: 460-24280-F-16-C Operator: BNAMS 4

57 Pyrene



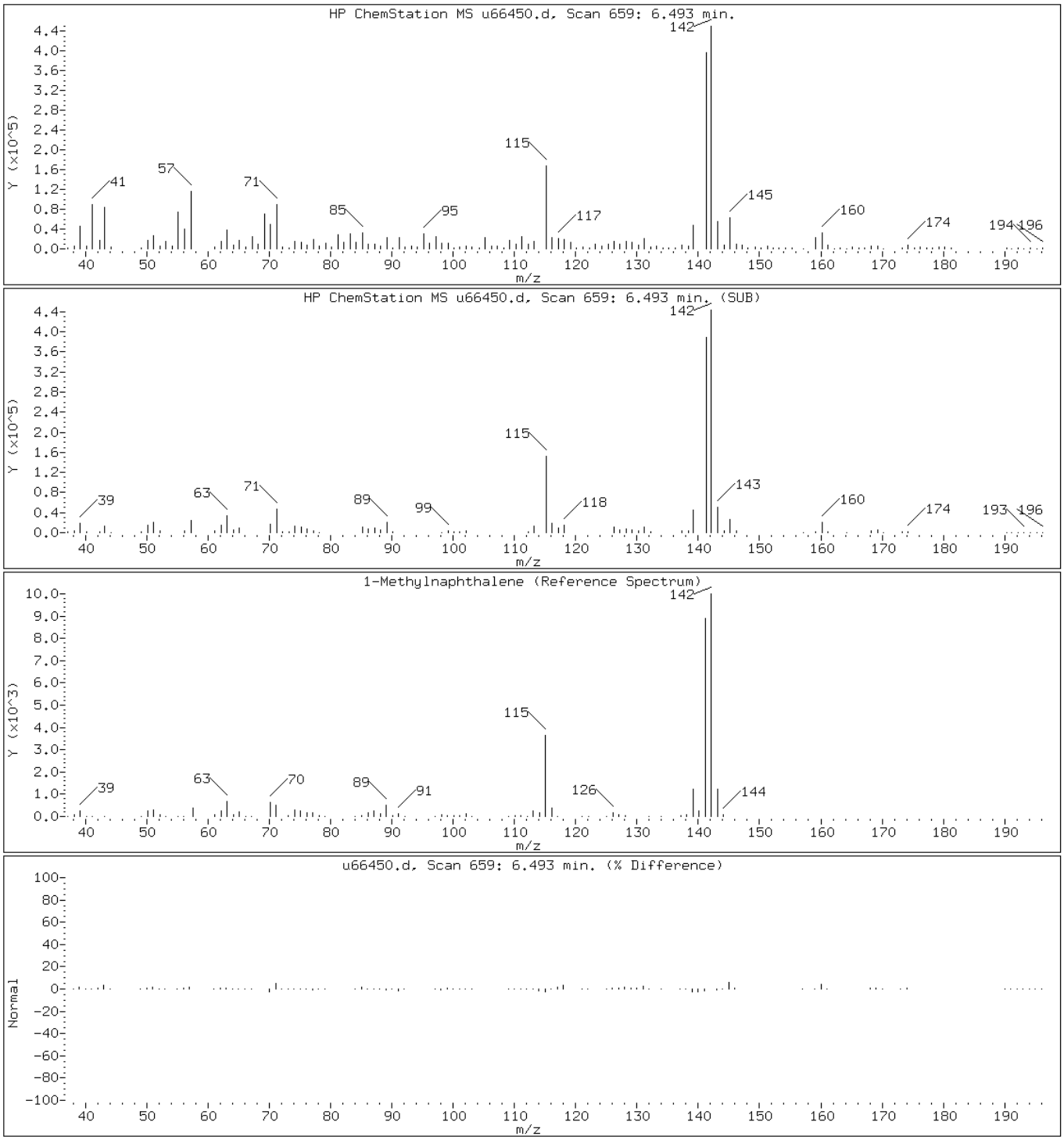
Data File: u66450.d

Date: 03-APR-2011 23:00

Client ID: PMP-2-SI-E (10.5-11 Instrument: BNAMS4.i

Sample Info: 460-24280-F-16-C Operator: BNAMS 4

120 1-Methylnaphthalene



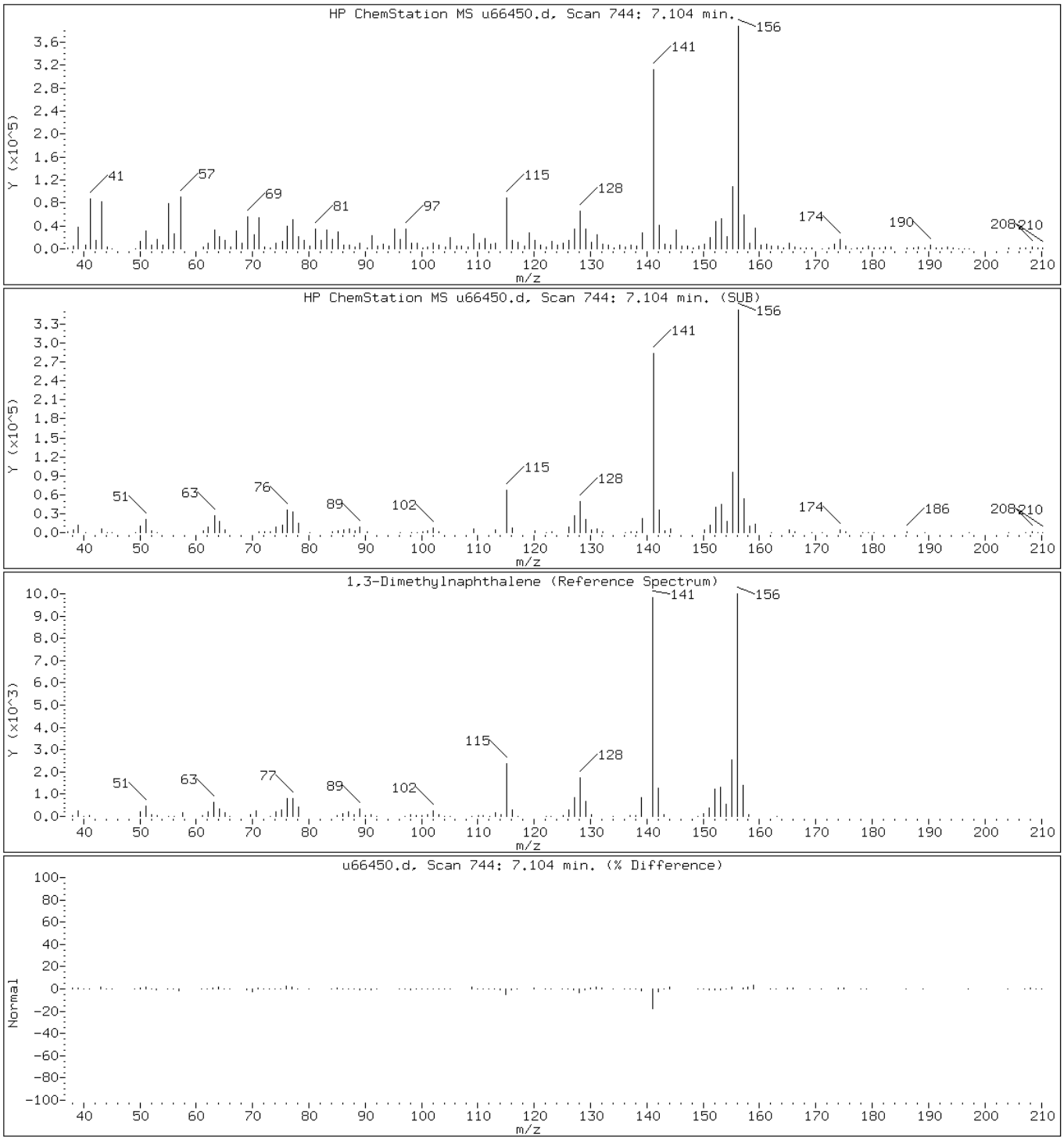
Data File: u66450.d

Date: 03-APR-2011 23:00

Client ID: PMP-2-SI-E (10.5-11 Instrument: BNAMS4.i

Sample Info: 460-24280-F-16-C Operator: BNAMS 4

125 1,3-Dimethylnaphthalene



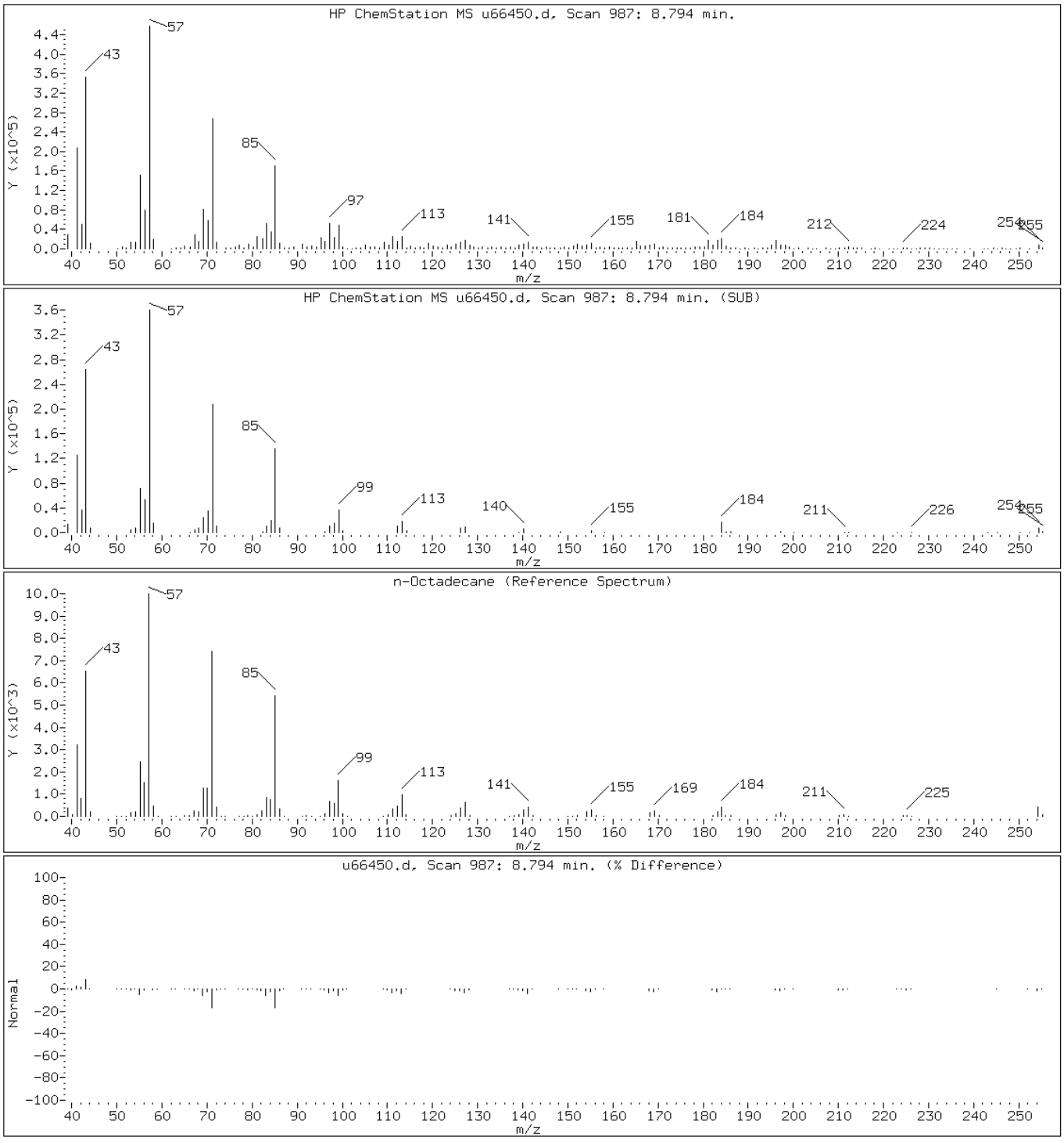
Data File: u66450.d

Date: 03-APR-2011 23:00

Client ID: PMP-2-SI-E (10.5-11 Instrument: BNAMS4.i

Sample Info: 460-24280-F-16-C Operator: BNAMS 4

115 n-Octadecane



Data File: u66450.d

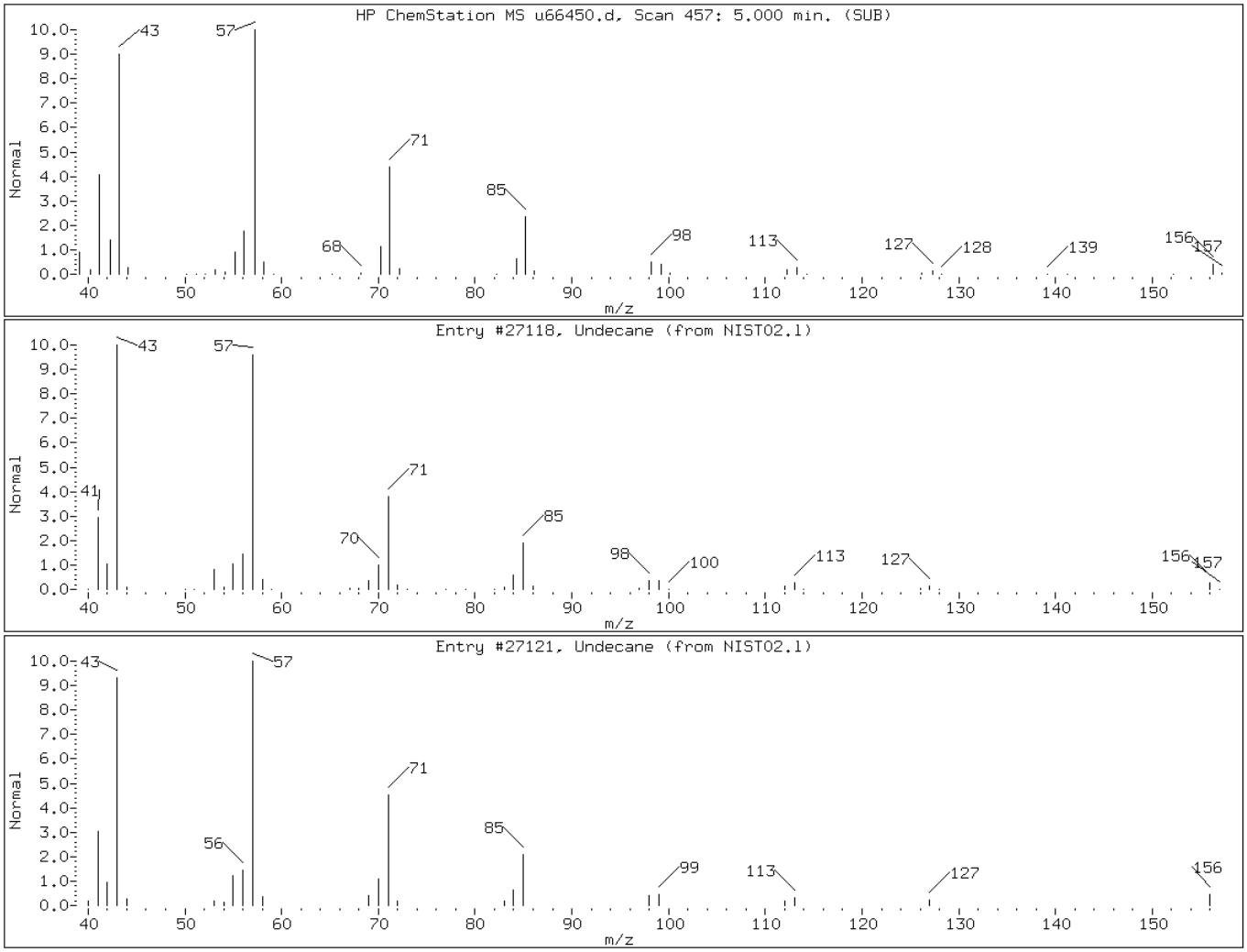
Date: 03-APR-2011 23:00

Client ID: PMP-2-SI-E (10.5-11 Instrument: BNAMS4.i

Sample Info: 460-24280-F-16-C Operator: BNAMS 4

Retention Time: 5.00

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Undecane	1120-21-4	NIST02.l	27118	97	C11H24	156
Undecane	1120-21-4	NIST02.l	27121	91	C11H24	156



Data File: u66450.d

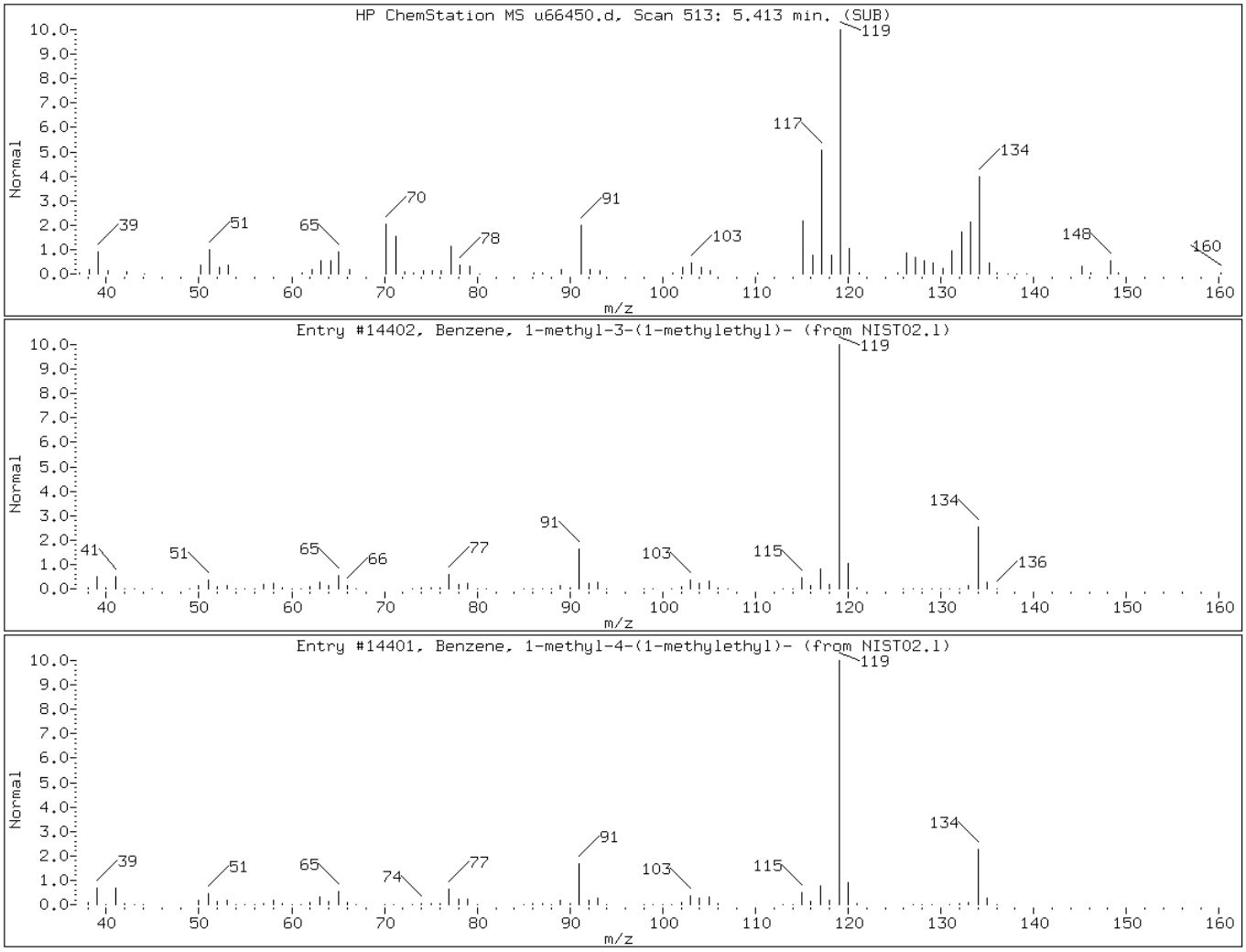
Date: 03-APR-2011 23:00

Client ID: PMP-2-SI-E (10.5-11 Instrument: BNAMS4.i

Sample Info: 460-24280-F-16-C Operator: BNAMS 4

Retention Time: 5.41

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 1-methyl-3-(1-methylethyl	535-77-3	NIST02.l	14402	55	C10H14	134
Benzene, 1-methyl-4-(1-methylethyl	99-87-6	NIST02.l	14401	55	C10H14	134



Data File: u66450.d

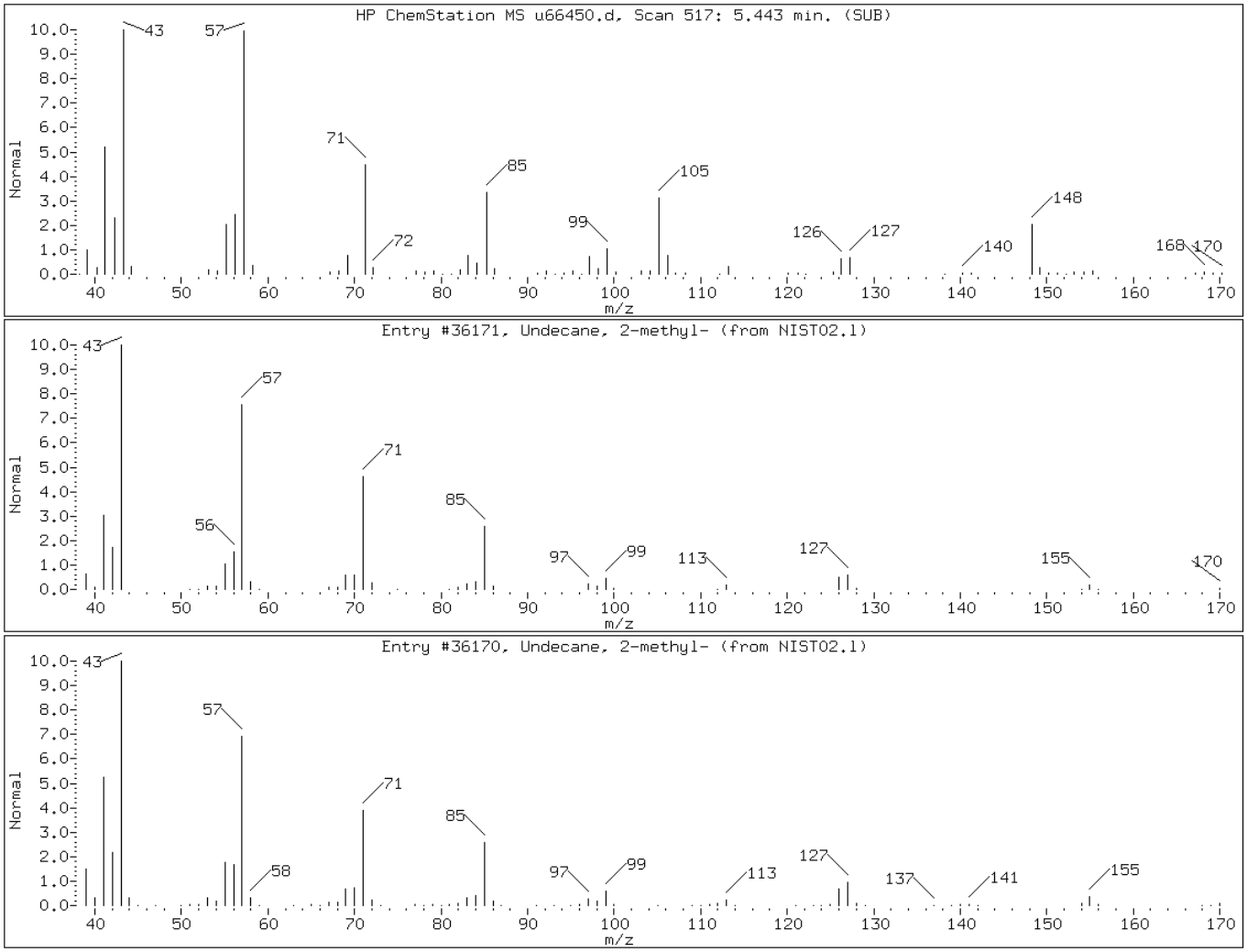
Date: 03-APR-2011 23:00

Client ID: PMP-2-SI-E (10.5-11 Instrument: BNAMS4.i

Sample Info: 460-24280-F-16-C Operator: BNAMS 4

Retention Time: 5.44

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Undecane, 2-methyl-	7045-71-8	NIST02.l	36171	70	C12H26	170
Undecane, 2-methyl-	7045-71-8	NIST02.l	36170	59	C12H26	170



Data File: u66450.d

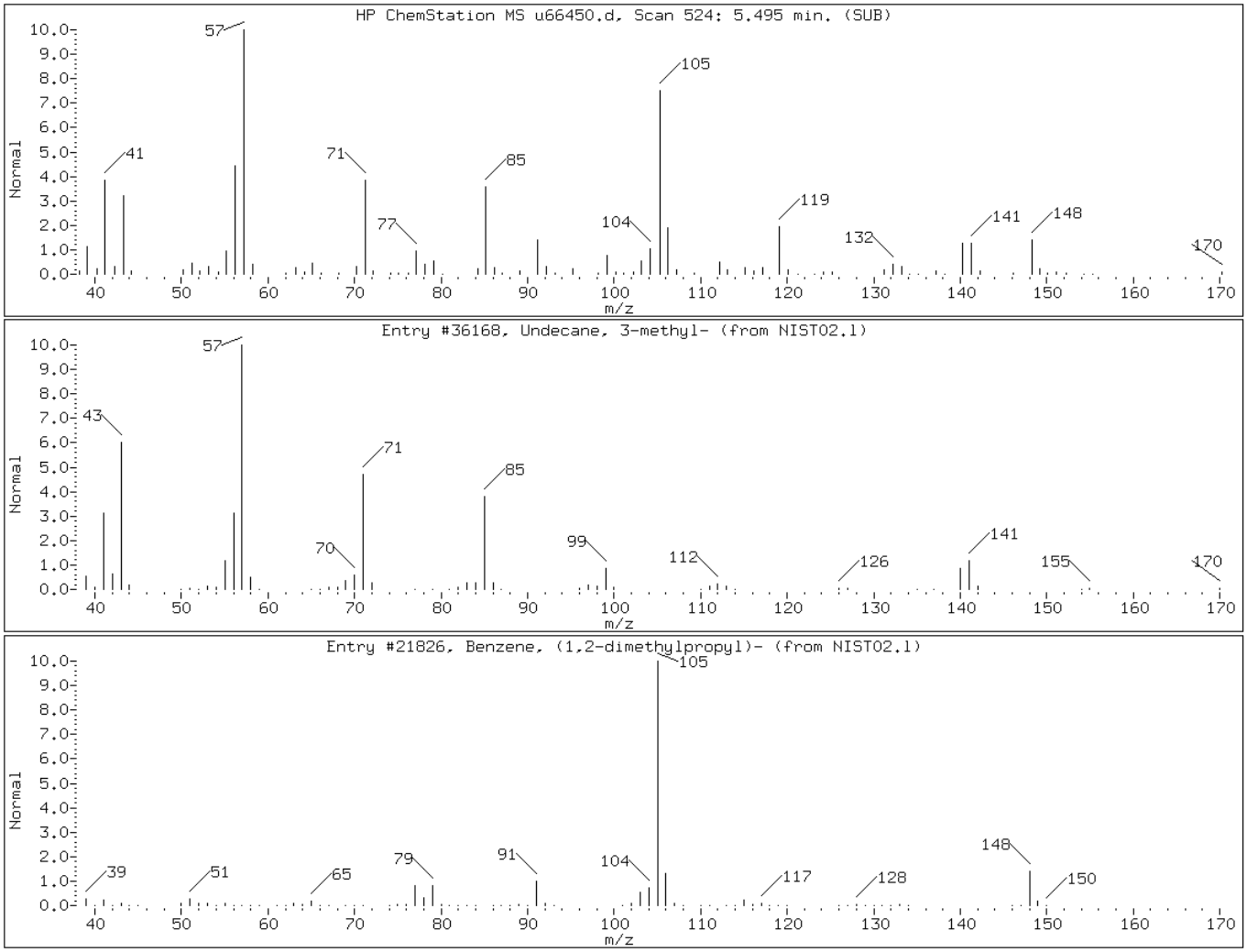
Date: 03-APR-2011 23:00

Client ID: PMP-2-SI-E (10.5-11 Instrument: BNAMS4.i

Sample Info: 460-24280-F-16-C Operator: BNAMS 4

Retention Time: 5.50

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Undecane, 3-methyl-	1002-43-3	NIST02.l	36168	50	C12H26	170
Benzene, (1,2-dimethylpropyl)-	4481-30-5	NIST02.l	21826	35	C11H16	148



Data File: u66450.d

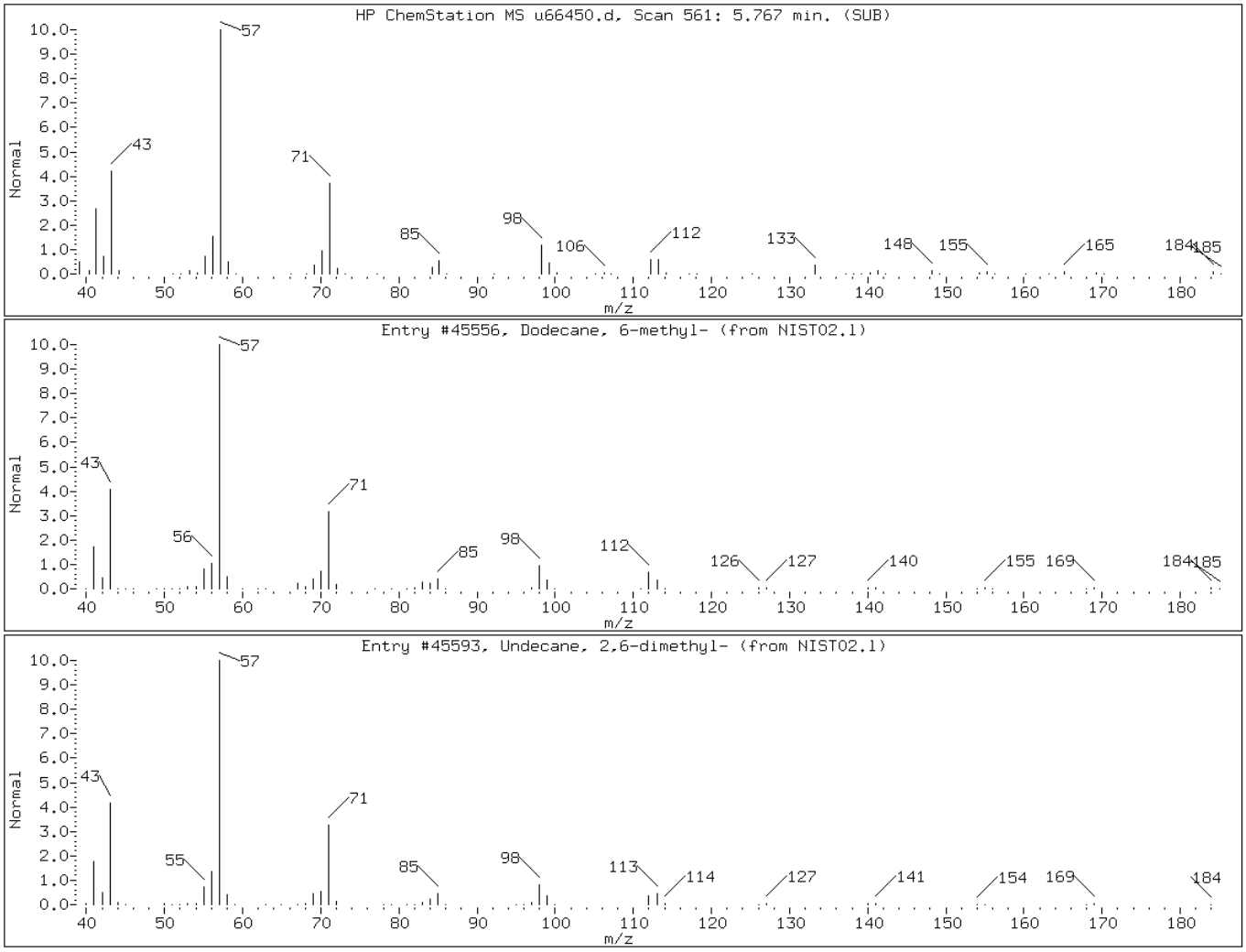
Date: 03-APR-2011 23:00

Client ID: PMP-2-SI-E (10.5-11 Instrument: BNAMS4.i

Sample Info: 460-24280-F-16-C Operator: BNAMS 4

Retention Time: 5.77

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Dodecane, 6-methyl-	6044-71-9	NIST02.l	45556	96	C13H28	184
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45593	95	C13H28	184



Data File: u66450.d

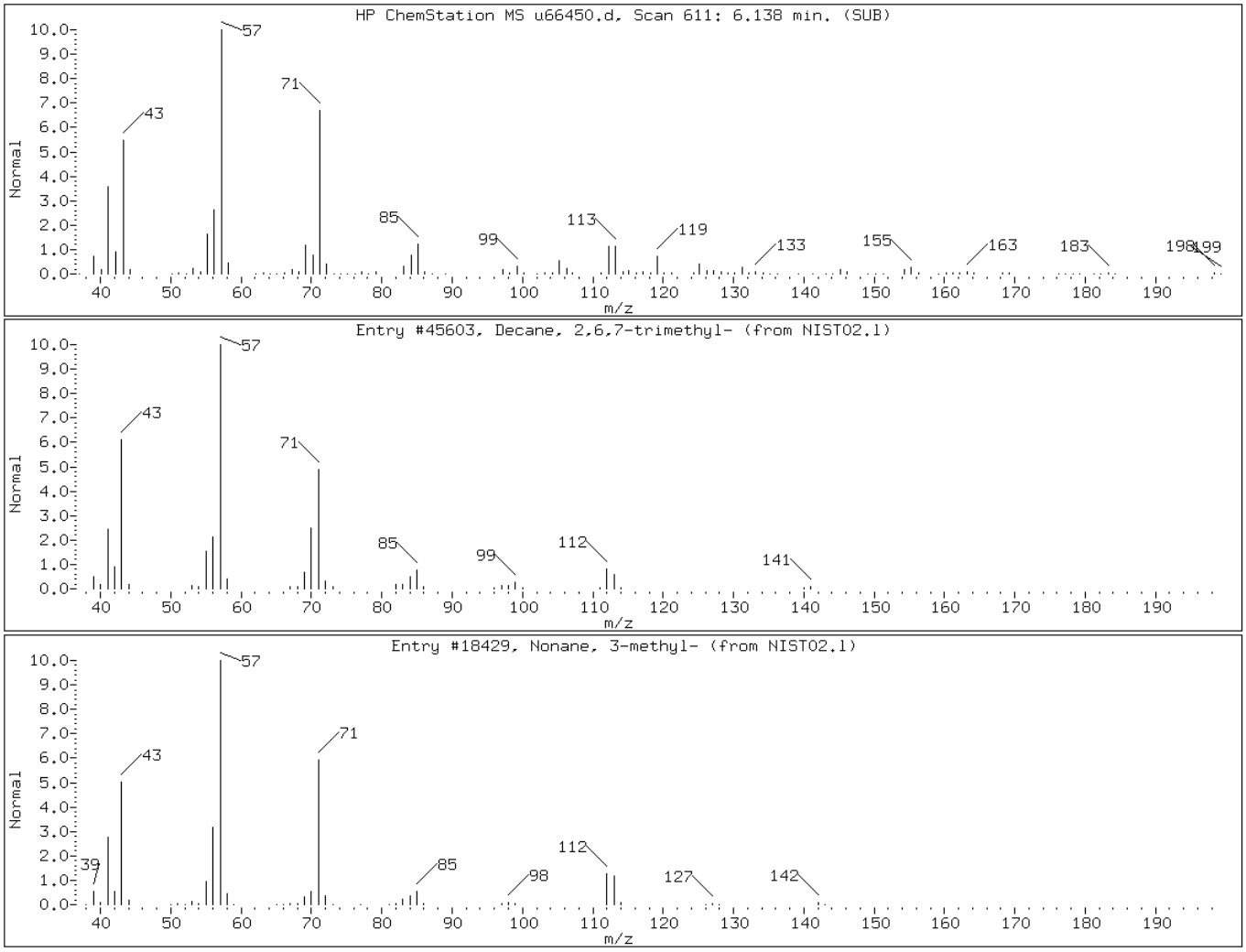
Date: 03-APR-2011 23:00

Client ID: PMP-2-SI-E (10.5-11 Instrument: BNAMS4.i

Sample Info: 460-24280-F-16-C Operator: BNAMS 4

Retention Time: 6.14

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Decane, 2,6,7-trimethyl-	62108-25-2	NIST02.l	45603	86	C13H28	184
Nonane, 3-methyl-	5911-04-6	NIST02.l	18429	72	C10H22	142



Data File: u66450.d

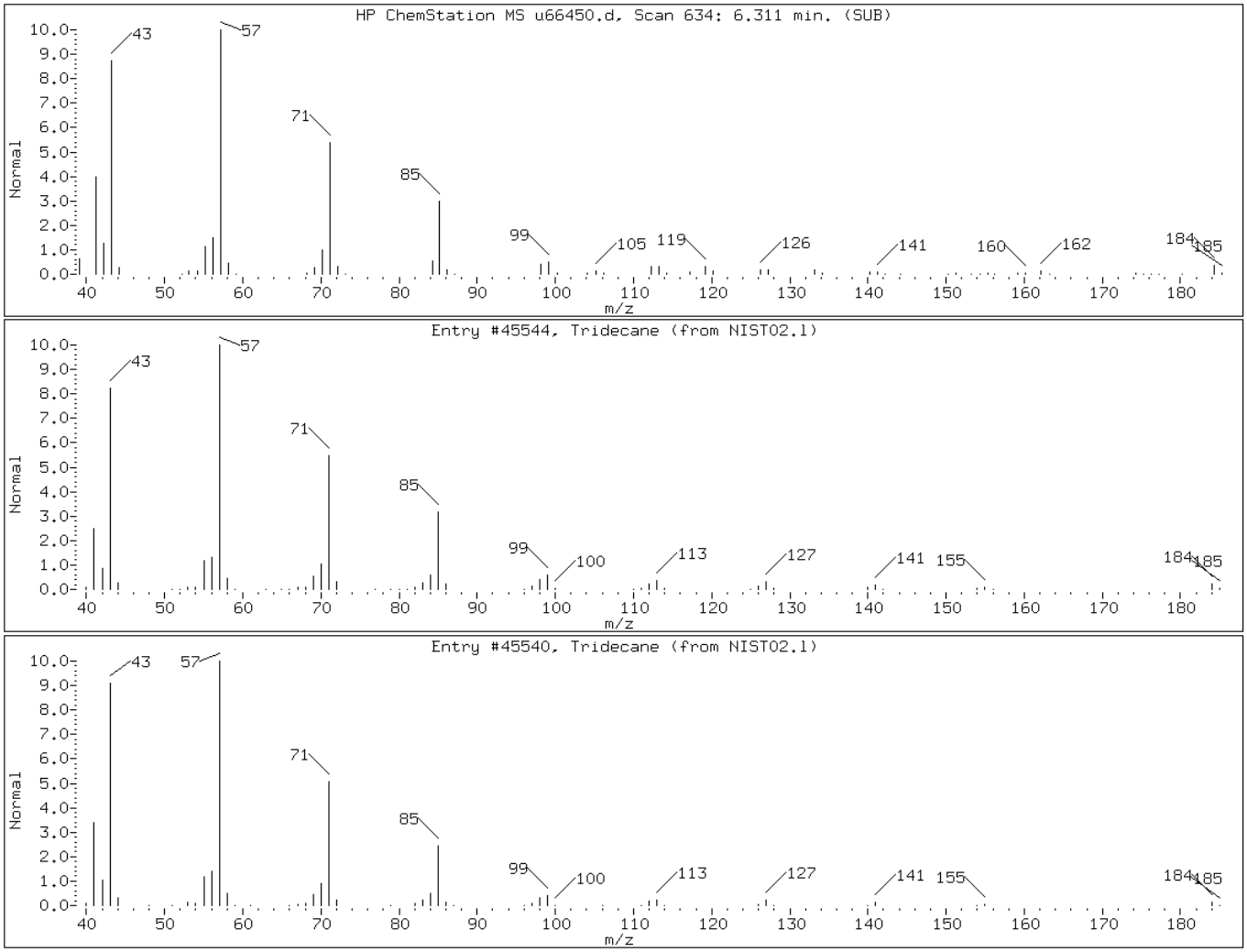
Date: 03-APR-2011 23:00

Client ID: PMP-2-SI-E (10.5-11 Instrument: BNAMS4.i

Sample Info: 460-24280-F-16-C Operator: BNAMS 4

Retention Time: 6.31

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-7						
Tridecane	629-50-5	NIST02.l	45544	94	C13H28	184
Tridecane	629-50-5	NIST02.l	45540	90	C13H28	184



Data File: u66450.d

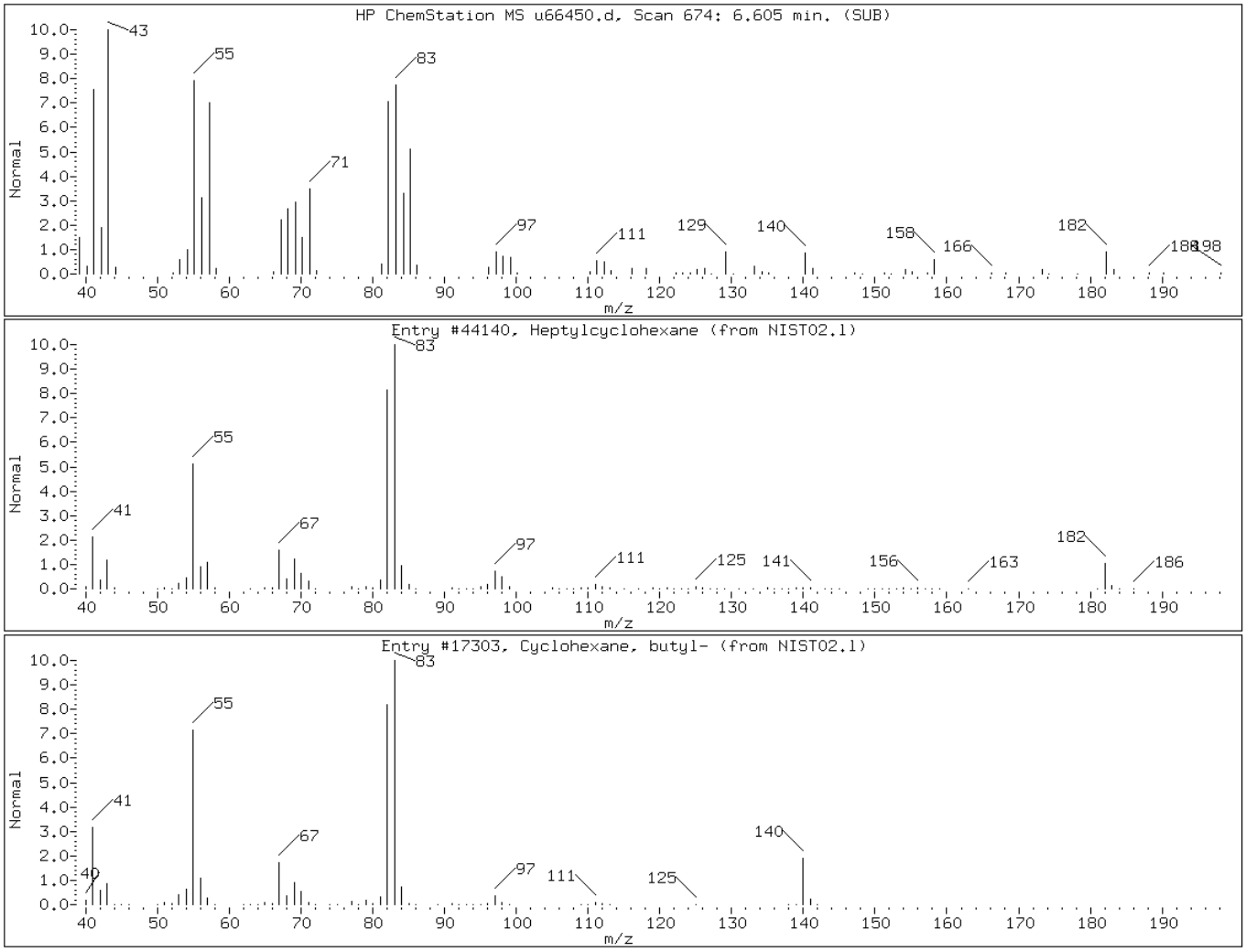
Date: 03-APR-2011 23:00

Client ID: PMP-2-SI-E (10.5-11 Instrument: BNAMS4.i

Sample Info: 460-24280-F-16-C Operator: BNAMS 4

Retention Time: 6.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Heptylcyclohexane	5617-41-4	NIST02.l	44140	46	C13H26	182
Cyclohexane, butyl-	1678-93-9	NIST02.l	17303	46	C10H20	140



Data File: u66450.d

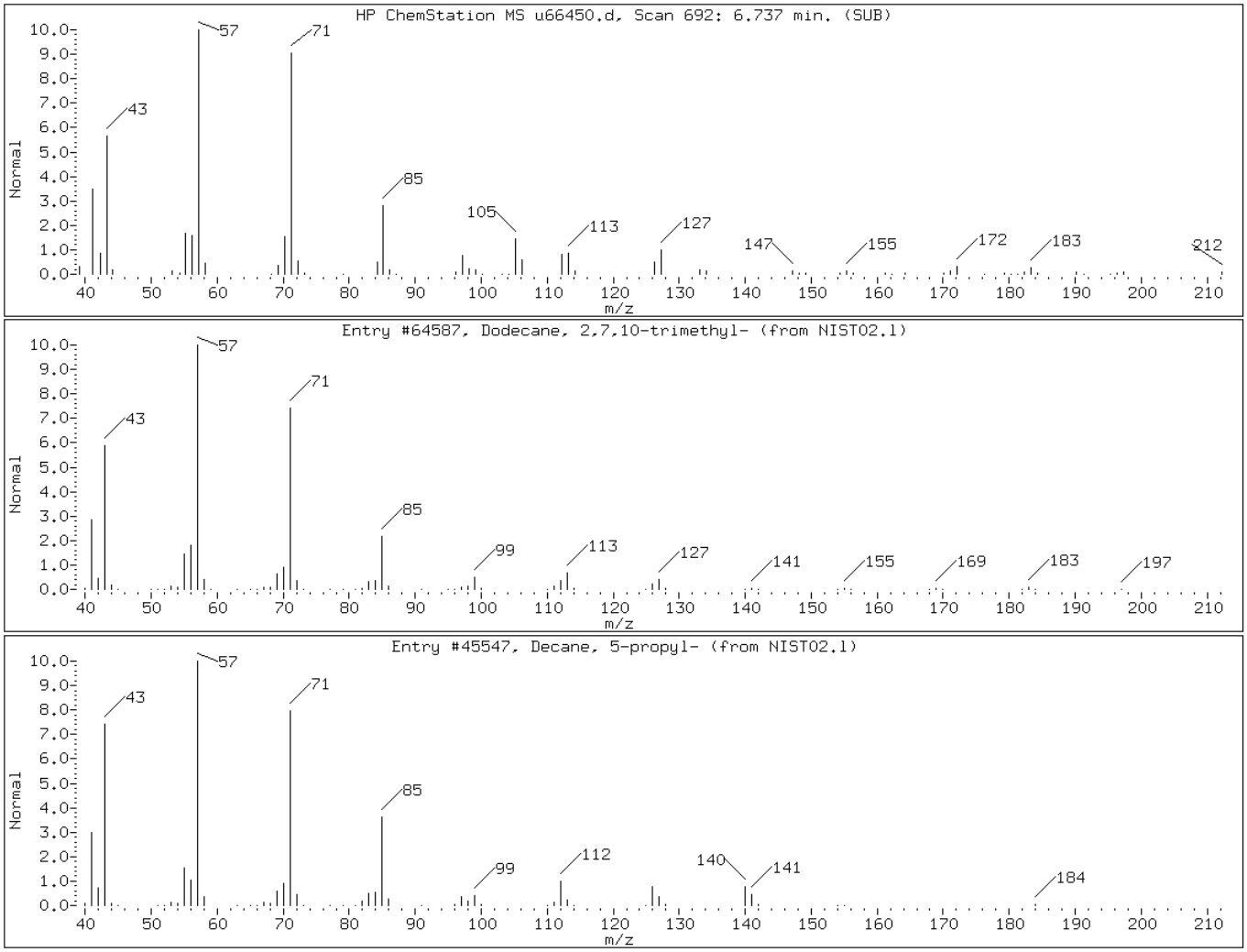
Date: 03-APR-2011 23:00

Client ID: PMP-2-SI-E (10.5-11 Instrument: BNAMS4.i

Sample Info: 460-24280-F-16-C Operator: BNAMS 4

Retention Time: 6.74

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.l	64587	78	C15H32	212
Decane, 5-propyl-	17312-62-8	NIST02.l	45547	74	C13H28	184



Data File: u66450.d

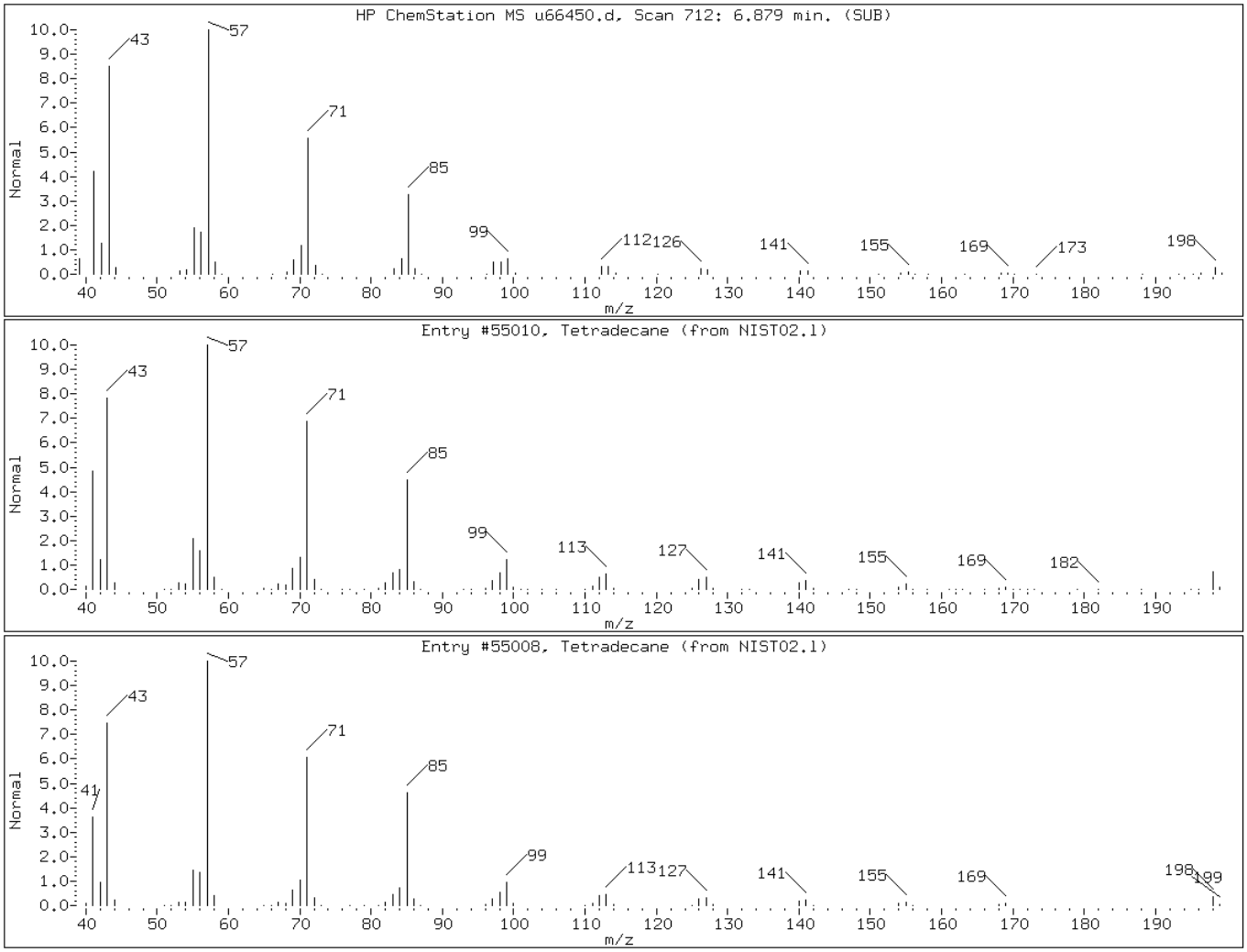
Date: 03-APR-2011 23:00

Client ID: PMP-2-SI-E (10.5-11 Instrument: BNAMS4.i

Sample Info: 460-24280-F-16-C Operator: BNAMS 4

Retention Time: 6.88

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Tetradecane	629-59-4	NIST02.l	55010	97	C14H30	198
Tetradecane	629-59-4	NIST02.l	55008	95	C14H30	198



Data File: u66450.d

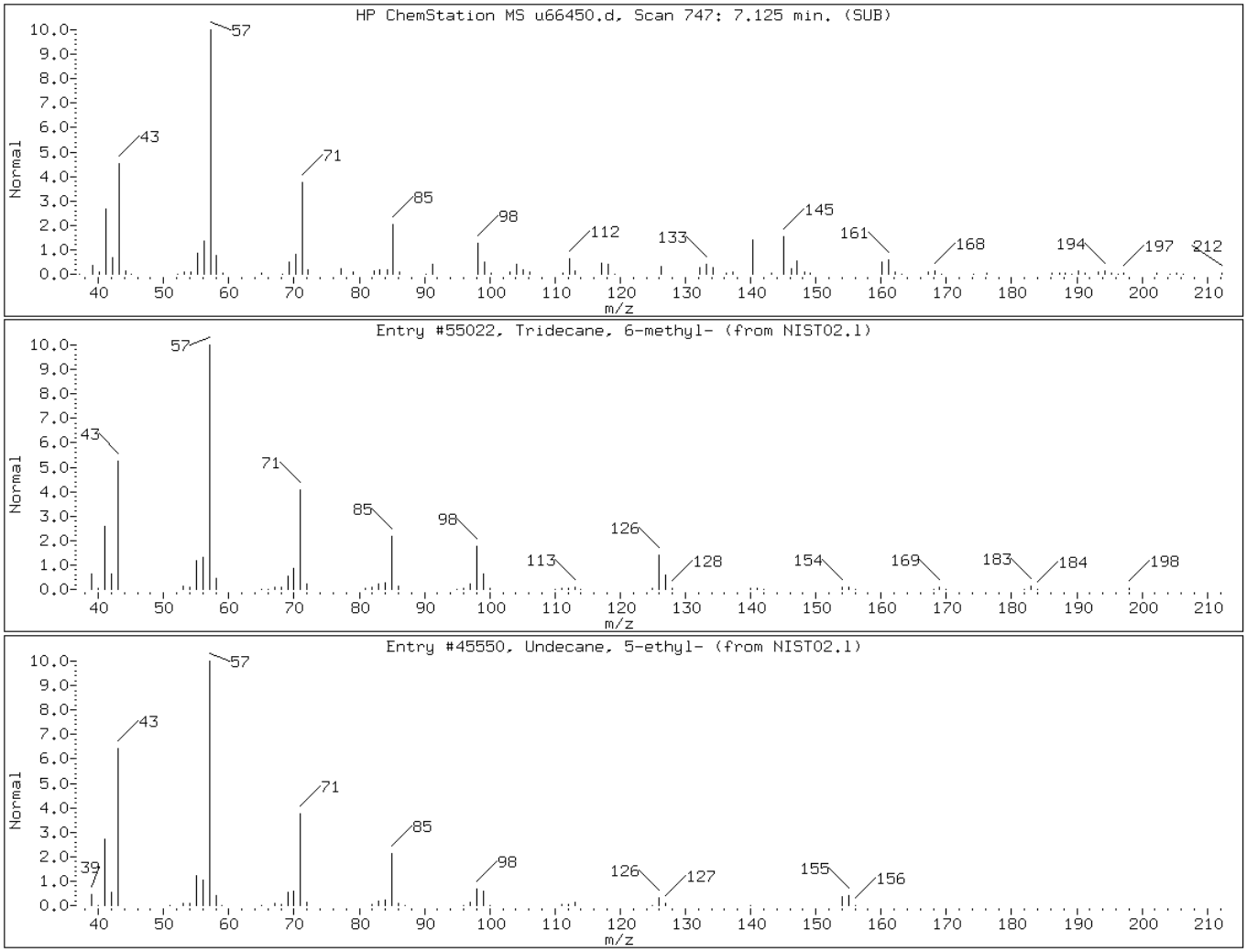
Date: 03-APR-2011 23:00

Client ID: PMP-2-SI-E (10.5-11 Instrument: BNAMS4.i

Sample Info: 460-24280-F-16-C Operator: BNAMS 4

Retention Time: 7.13

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Tridecane, 6-methyl-	13287-21-3	NIST02.l	55022	50	C14H30	198
Undecane, 5-ethyl-	17453-94-0	NIST02.l	45550	47	C13H28	184



Data File: u66450.d

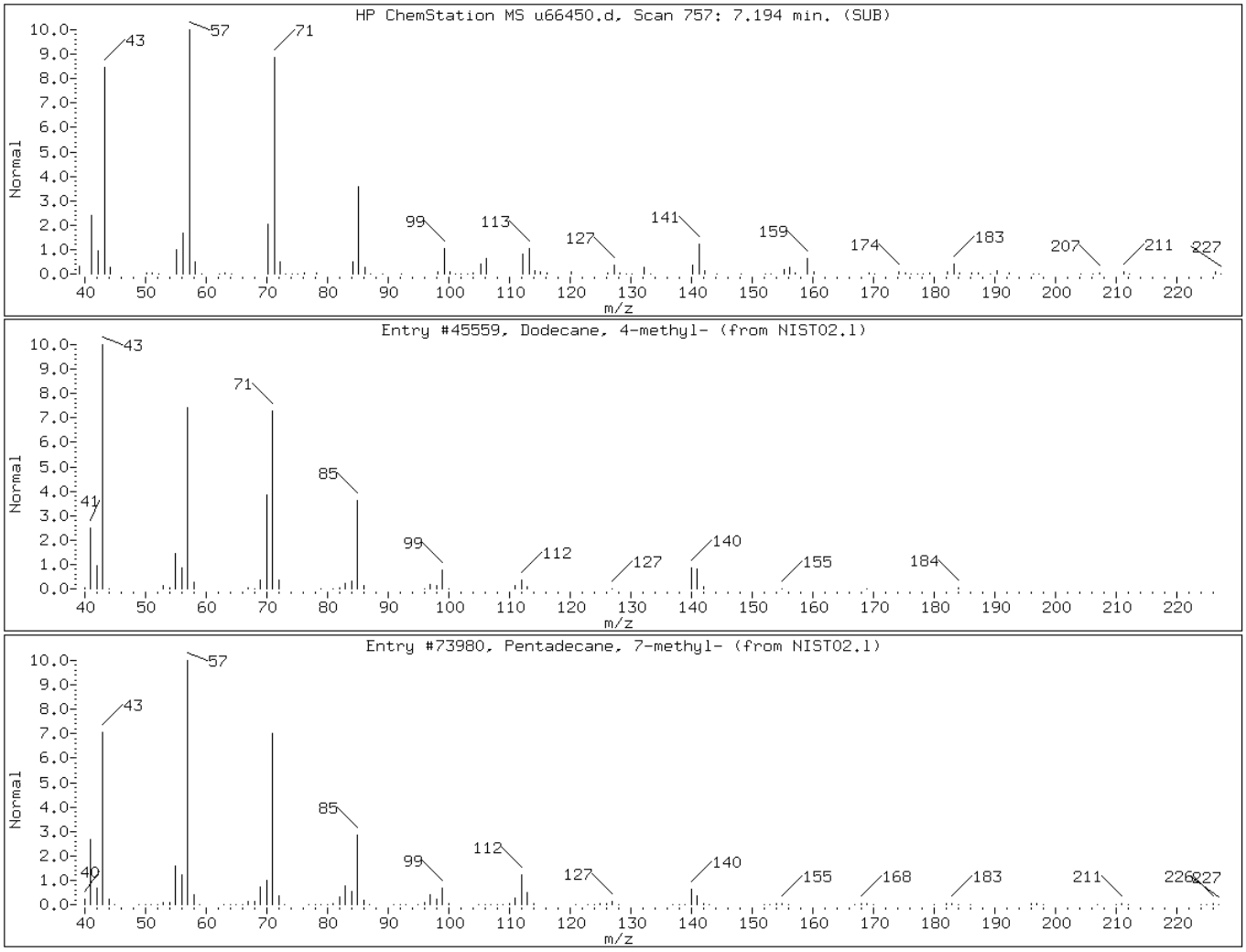
Date: 03-APR-2011 23:00

Client ID: PMP-2-SI-E (10.5-11 Instrument: BNAMS4.i

Sample Info: 460-24280-F-16-C Operator: BNAMS 4

Retention Time: 7.19

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Dodecane, 4-methyl-	6117-97-1	NIST02.l	45559	76	C13H28	184
Pentadecane, 7-methyl-	6165-40-8	NIST02.l	73980	74	C16H34	226



Data File: u66450.d

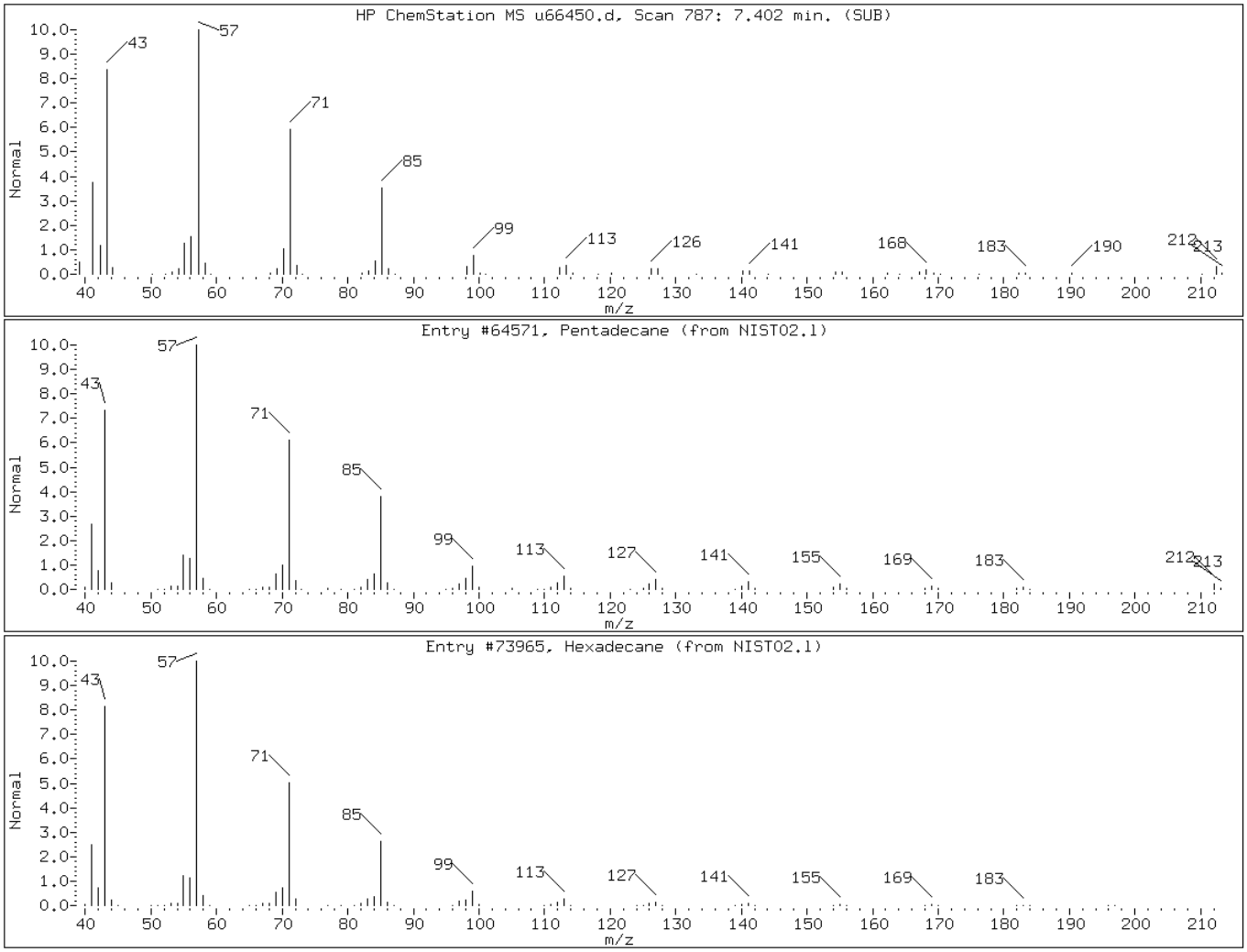
Date: 03-APR-2011 23:00

Client ID: PMP-2-SI-E (10.5-11 Instrument: BNAMS4.i

Sample Info: 460-24280-F-16-C Operator: BNAMS 4

Retention Time: 7.40

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Pentadecane	629-62-9	NIST02.l	64571	94	C15H32	212
Hexadecane	544-76-3	NIST02.l	73965	90	C16H34	226



Data File: u66450.d

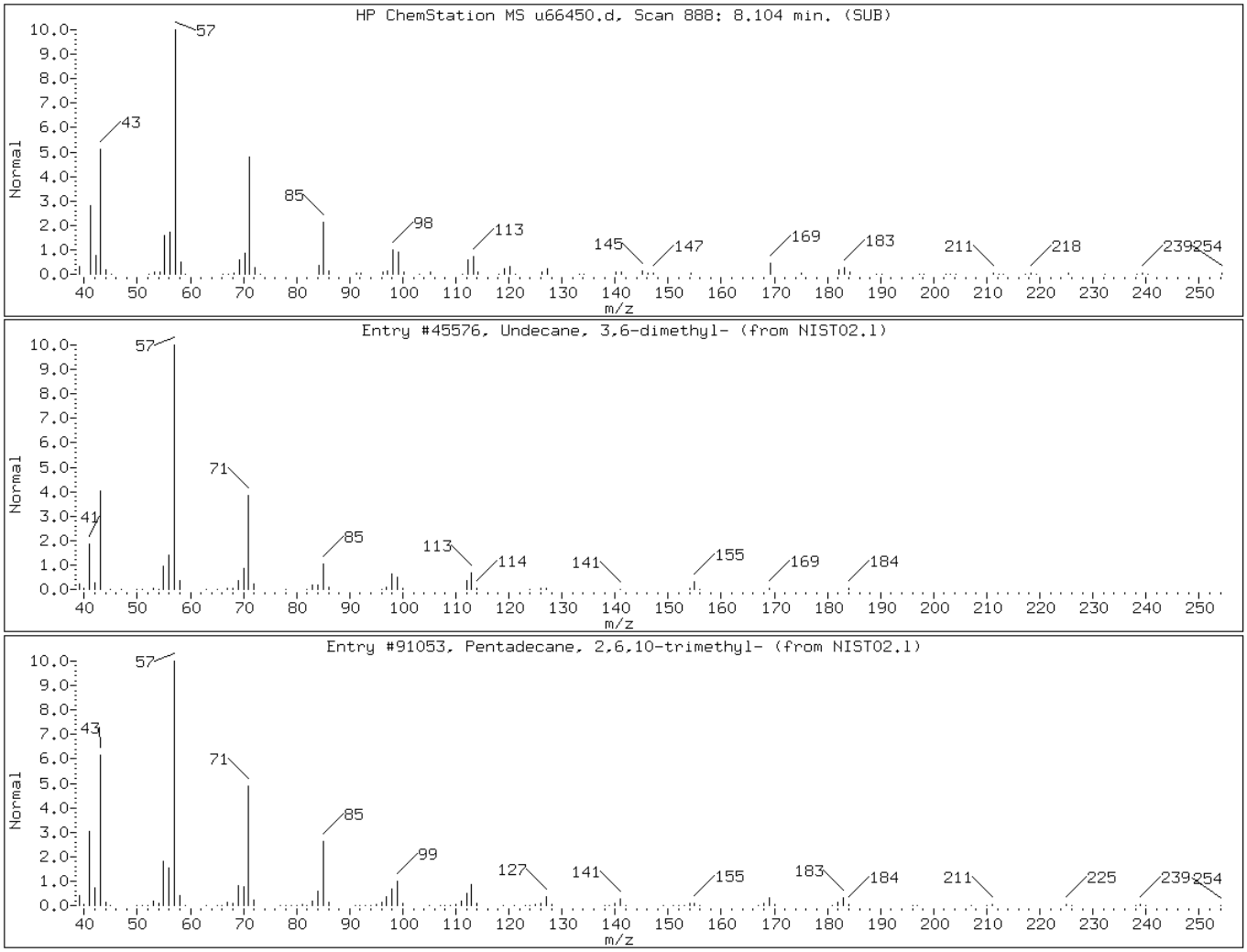
Date: 03-APR-2011 23:00

Client ID: PMP-2-SI-E (10.5-11 Instrument: BNAMS4.i

Sample Info: 460-24280-F-16-C Operator: BNAMS 4

Retention Time: 8.10

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-15						
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.l	45576	94	C13H28	184
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	87	C18H38	254



Data File: u66450.d

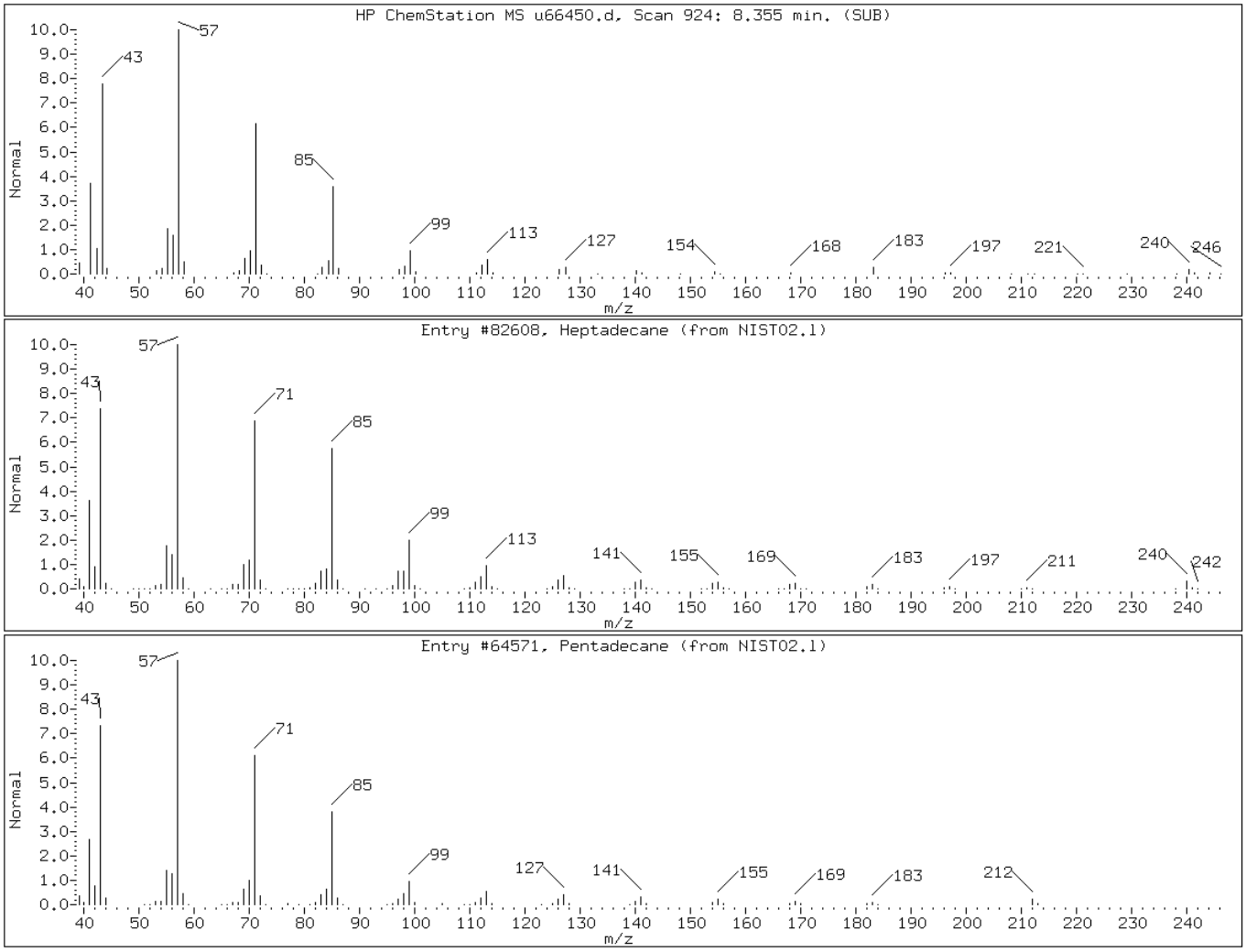
Date: 03-APR-2011 23:00

Client ID: PMP-2-SI-E (10.5-11 Instrument: BNAMS4.i

Sample Info: 460-24280-F-16-C Operator: BNAMS 4

Retention Time: 8.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-16						
Heptadecane	629-78-7	NIST02.l	82608	94	C17H36	240
Pentadecane	629-62-9	NIST02.l	64571	93	C15H32	212



Data File: u66450.d

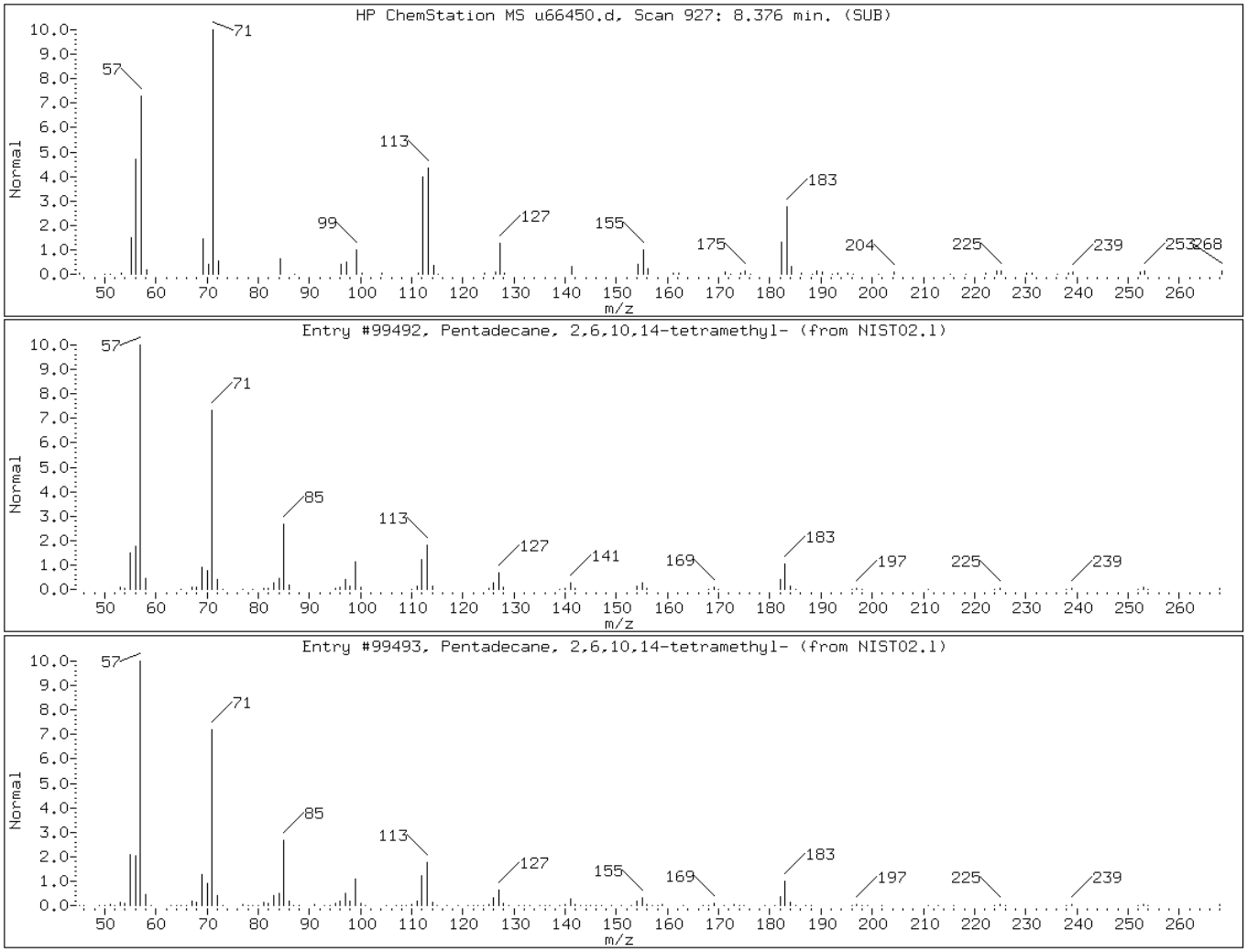
Date: 03-APR-2011 23:00

Client ID: PMP-2-SI-E (10.5-11 Instrument: BNAMS4.i

Sample Info: 460-24280-F-16-C Operator: BNAMS 4

Retention Time: 8.38

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-17						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	50	C19H40	268
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99493	50	C19H40	268



Data File: u66450.d

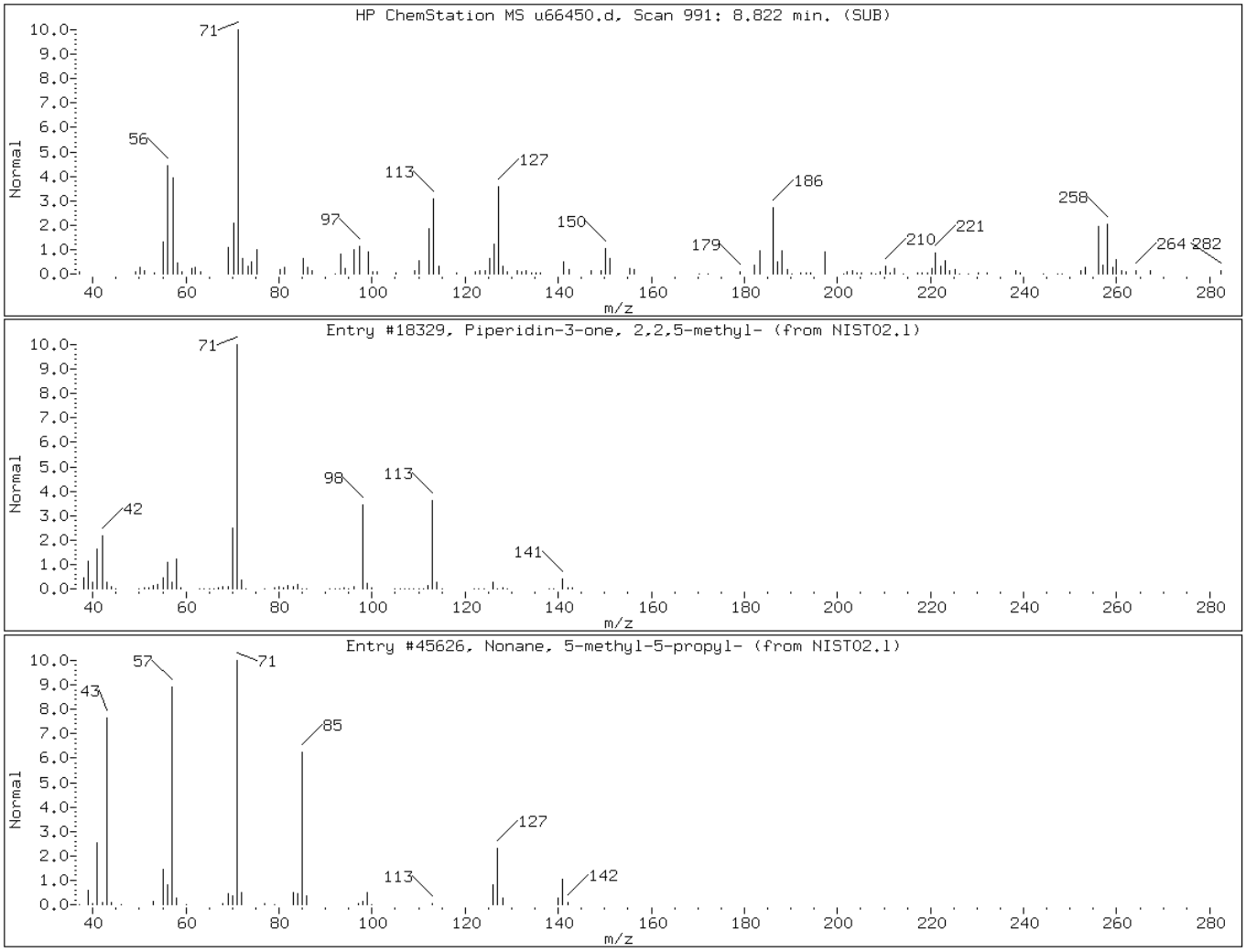
Date: 03-APR-2011 23:00

Client ID: PMP-2-SI-E (10.5-11 Instrument: BNAMS4.i

Sample Info: 460-24280-F-16-C Operator: BNAMS 4

Retention Time: 8.82

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Piperidin-3-one, 2,2,5-methyl-	103634-57-7	NIST02.l	18329	35	C8H15NO	141
Nonane, 5-methyl-5-propyl-	17312-75-3	NIST02.l	45626	27	C13H28	184



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5-VD-E (3.5-4) | Lab Sample ID: 460-24280-17

Matrix: Solid | Lab File ID: u66426.d

Analysis Method: 8270C | Date Collected: 03/17/2011 11:55

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.00(g) | Date Analyzed: 04/02/2011 20:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69439 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	340	U	340	42
95-57-8	2-Chlorophenol	340	U	340	46
95-48-7	2-Methylphenol	340	U	340	49
106-44-5	4-Methylphenol	340	U	340	56
100-52-7	Benzaldehyde	340	U	340	21
98-86-2	Acetophenone	340	U	340	51
111-44-4	Bis(2-chloroethyl)ether	34	U	34	7.1
108-60-1	2,2'-oxybis[1-chloropropane]	340	U	340	45
621-64-7	N-Nitrosodi-n-propylamine	34	U	34	4.5
98-95-3	Nitrobenzene	34	U	34	7.7
67-72-1	Hexachloroethane	34	U	34	5.8
78-59-1	Isophorone	340	U	340	39
88-75-5	2-Nitrophenol	340	U	340	56
105-67-9	2,4-Dimethylphenol	340	U	340	55
120-83-2	2,4-Dichlorophenol	340	U	340	55
111-91-1	Bis(2-chloroethoxy)methane	340	U	340	49
91-20-3	Naphthalene	340	U	340	50
106-47-8	4-Chloroaniline	340	U	340	43
87-68-3	Hexachlorobutadiene	69	U	69	14
105-60-2	Caprolactam	340	U	340	47
59-50-7	4-Chloro-3-methylphenol	340	U	340	57
91-57-6	2-Methylnaphthalene	340	U	340	50
118-74-1	Hexachlorobenzene	34	U	34	4.8
77-47-4	Hexachlorocyclopentadiene	340	U	340	100
88-06-2	2,4,6-Trichlorophenol	340	U	340	61
95-95-4	2,4,5-Trichlorophenol	340	U	340	66
92-52-4	Diphenyl	340	U	340	56
91-58-7	2-Chloronaphthalene	340	U	340	48
88-74-4	2-Nitroaniline	690	U	690	94
606-20-2	2,6-Dinitrotoluene	69	U	69	8.7
131-11-3	Dimethyl phthalate	340	U	340	46
208-96-8	Acenaphthylene	340	U	340	49
99-09-2	3-Nitroaniline	690	U	690	77
83-32-9	Acenaphthene	340	U	340	49

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5-VD-E (3.5-4) | Lab Sample ID: 460-24280-17

Matrix: Solid | Lab File ID: u66426.d

Analysis Method: 8270C | Date Collected: 03/17/2011 11:55

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.00(g) | Date Analyzed: 04/02/2011 20:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 3.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69439 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1000	U	1000	88
51-28-5	2,4-Dinitrophenol	1000	U	1000	73
132-64-9	Dibenzofuran	340	U	340	51
84-66-2	Diethyl phthalate	340	U	340	46
86-73-7	Fluorene	340	U	340	58
206-44-0	Fluoranthene	340	U	340	57
84-74-2	Di-n-butyl phthalate	340	U	340	52
121-14-2	2,4-Dinitrotoluene	69	U	69	10
7005-72-3	4-Chlorophenyl phenyl ether	340	U	340	59
100-01-6	4-Nitroaniline	690	U	690	71
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	1000	160
101-55-3	4-Bromophenyl phenyl ether	340	U	340	61
1912-24-9	Atrazine	340	U	340	64
120-12-7	Anthracene	340	U	340	60
86-74-8	Carbazole	340	U	340	54
85-01-8	Phenanthrene	340	U	340	60
87-86-5	Pentachlorophenol	1000	U	1000	170
129-00-0	Pyrene	340	U	340	59
218-01-9	Chrysene	340	U	340	50
207-08-9	Benzo[k]fluoranthene	34	U	34	4.8
191-24-2	Benzo[g,h,i]perylene	340	U	340	36
205-99-2	Benzo[b]fluoranthene	34	U	34	5.1
50-32-8	Benzo[a]pyrene	34	U	34	4.2
56-55-3	Benzo[a]anthracene	34	U	34	6.3
86-30-6	N-Nitrosodiphenylamine	340	U	340	56
85-68-7	Butyl benzyl phthalate	340	U	340	40
117-81-7	Bis(2-ethylhexyl) phthalate	340	U	340	45
117-84-0	Di-n-octyl phthalate	340	U	340	41
193-39-5	Indeno[1,2,3-cd]pyrene	34	U	34	5.5
53-70-3	Dibenz(a,h)anthracene	34	U	34	4.1
91-94-1	3,3'-Dichlorobenzidine	690	U	690	76
95-94-3	1,2,4,5-Tetrachlorobenzene	340	U	340	46
58-90-2	2,3,4,6-Tetrachlorophenol	340	U	340	69

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5-VD-E (3.5-4) Lab Sample ID: 460-24280-17

Matrix: Solid Lab File ID: u66426.d

Analysis Method: 8270C Date Collected: 03/17/2011 11:55

Extract. Method: 3541 Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.00(g) Date Analyzed: 04/02/2011 20:41

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 3.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69439 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	76		38-105
4165-62-2	Phenol-d5	73		41-118
1718-51-0	Terphenyl-d14	70		16-151
118-79-6	2,4,6-Tribromophenol	63		10-120
367-12-4	2-Fluorophenol	62		37-125
321-60-8	2-Fluorobiphenyl	72		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5-VD-E (3.5-4) Lab Sample ID: 460-24280-17

Matrix: Solid Lab File ID: u66426.d

Analysis Method: 8270C Date Collected: 03/17/2011 11:55

Extract. Method: 3541 Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.00(g) Date Analyzed: 04/02/2011 20:41

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 3.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69439 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/BNAMS4.i/8270T/04-02-11/02apr11a.b/u66426.d
Report Date: 05-Apr-2011 10:52

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/04-02-11/02apr11a.b/u66426.d
Lab Smp Id: 460-24280-F-17-E Client Smp ID: PMP-5-VD-E (3.5-4)
Inj Date : 02-APR-2011 20:41
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-24280-F-17-E
Misc Info : 460-24280-F-17-E
Comment   :
Method   : /chem/BNAMS4.i/8270T/04-02-11/02apr11a.b/8270C_08SP.m
Meth Date : 05-Apr-2011 10:49 rusin Quant Type: ISTD
Cal Date : 02-APR-2011 11:46 Cal File: u66408.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	15.00000	Weight of sample extracted (g)
M	3.39426	% 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	3.109	3.096	(0.708)	629406	62.4636	4300
$ 17 Phenol-d5 (SUR)	99	4.021	4.037	(0.916)	848587	72.8215	5000
* 79 1,4-Dichlorobenzene-d4	152	4.391	4.396	(1.000)	191873	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.942	4.965	(0.872)	322052	38.2348	2600
* 80 Naphthalene-d8	136	5.669	5.686	(1.000)	760543	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.757	6.774	(0.910)	569677	36.1950	2500
* 82 Acenaphthene-d10	164	7.425	7.441	(1.000)	472583	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.208	8.225	(1.105)	150904	63.0965	4400
* 83 Phenanthrene-d10	188	8.886	8.904	(1.000)	628993	40.0000	
$ 78 Terphenyl-d14	244	10.462	10.474	(0.898)	564632	34.9509	2400
* 81 Chrysene-d12	240	11.652	11.674	(1.000)	596814	40.0000	
* 84 Perylene-d12	264	13.557	13.574	(1.000)	377479	40.0000	

Data File: /chem/BNAMS4.i/8270T/04-02-11/02apr11a.b/u66426.d
Report Date: 05-Apr-2011 10:52

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/04-02-11/02apr11a.b/u66426.d
Lab Smp Id: 460-24280-F-17-E Client Smp ID: PMP-5-VD-E (3.5-4)
Inj Date : 02-APR-2011 20:41
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-24280-F-17-E
Misc Info : 460-24280-F-17-E
Comment   :
Method   : /chem/BNAMS4.i/8270T/04-02-11/02apr11a.b/8270C_08SP.m
Meth Date : 05-Apr-2011 10:49 rusin Quant Type: ISTD
Cal Date : 02-APR-2011 11:46 Cal File: u66408.d
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

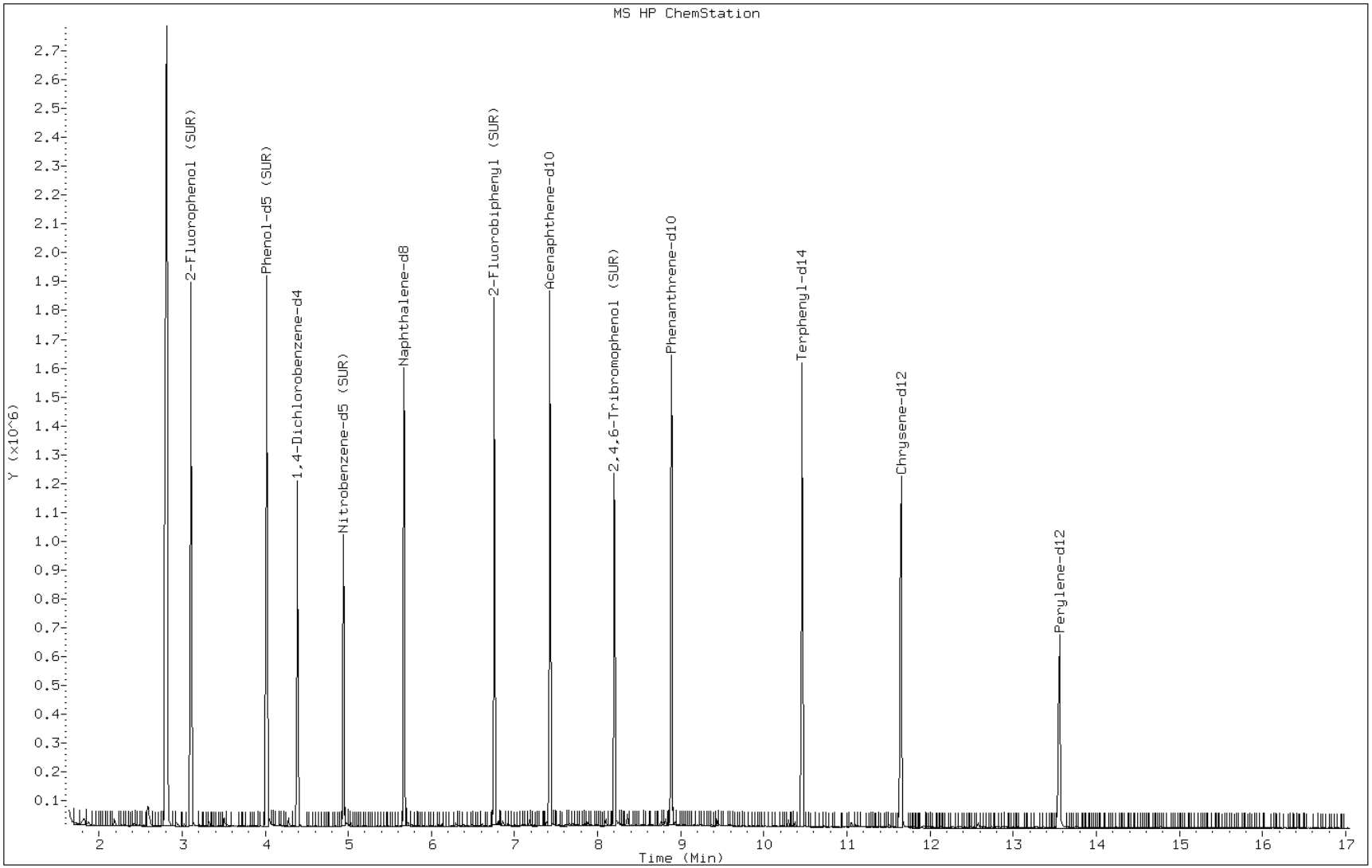
- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: u66426.d

Date: 02-APR-2011 20:41

Client ID: PMP-5-VD-E (3.5-4) Instrument: BNAMS4.i

Sample Info: 460-24280-F-17-E Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5-WT-E (8-8.5) | Lab Sample ID: 460-24280-18

Matrix: Solid | Lab File ID: u66484.d

Analysis Method: 8270C | Date Collected: 03/17/2011 12:00

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.00(g) | Date Analyzed: 04/05/2011 13:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69824 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	1700	U	1700	210
95-57-8	2-Chlorophenol	1700	U	1700	230
95-48-7	2-Methylphenol	1700	U	1700	250
106-44-5	4-Methylphenol	1700	U	1700	290
100-52-7	Benzaldehyde	1700	U	1700	110
98-86-2	Acetophenone	1700	U	1700	260
111-44-4	Bis(2-chloroethyl)ether	170	U	170	36
108-60-1	2,2'-oxybis[1-chloropropane]	1700	U	1700	230
621-64-7	N-Nitrosodi-n-propylamine	170	U	170	23
98-95-3	Nitrobenzene	170	U	170	39
67-72-1	Hexachloroethane	170	U	170	30
78-59-1	Isophorone	1700	U	1700	200
88-75-5	2-Nitrophenol	1700	U	1700	290
105-67-9	2,4-Dimethylphenol	1700	U	1700	280
120-83-2	2,4-Dichlorophenol	1700	U	1700	280
111-91-1	Bis(2-chloroethoxy)methane	1700	U	1700	250
91-20-3	Naphthalene	1700	U	1700	260
106-47-8	4-Chloroaniline	1700	U	1700	220
87-68-3	Hexachlorobutadiene	350	U	350	71
105-60-2	Caprolactam	1700	U	1700	240
59-50-7	4-Chloro-3-methylphenol	1700	U	1700	290
91-57-6	2-Methylnaphthalene	22000		1700	260
118-74-1	Hexachlorobenzene	170	U	170	24
77-47-4	Hexachlorocyclopentadiene	1700	U	1700	510
88-06-2	2,4,6-Trichlorophenol	1700	U	1700	310
95-95-4	2,4,5-Trichlorophenol	1700	U	1700	340
92-52-4	Diphenyl	2800		1700	290
91-58-7	2-Chloronaphthalene	1700	U	1700	250
88-74-4	2-Nitroaniline	3500	U	3500	480
606-20-2	2,6-Dinitrotoluene	350	U	350	45
131-11-3	Dimethyl phthalate	1700	U	1700	240
208-96-8	Acenaphthylene	1700	U	1700	250
99-09-2	3-Nitroaniline	3500	U	3500	400
83-32-9	Acenaphthene	1300	J	1700	250

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5-WT-E (8-8.5) | Lab Sample ID: 460-24280-18

Matrix: Solid | Lab File ID: u66484.d

Analysis Method: 8270C | Date Collected: 03/17/2011 12:00

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.00(g) | Date Analyzed: 04/05/2011 13:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69824 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5300	U	5300	450
51-28-5	2,4-Dinitrophenol	5300	U	5300	370
132-64-9	Dibenzofuran	1700	U	1700	260
84-66-2	Diethyl phthalate	1700	U	1700	240
86-73-7	Fluorene	2000		1700	300
206-44-0	Fluoranthene	1700	U	1700	290
84-74-2	Di-n-butyl phthalate	1700	U	1700	270
121-14-2	2,4-Dinitrotoluene	350	U	350	51
7005-72-3	4-Chlorophenyl phenyl ether	1700	U	1700	300
100-01-6	4-Nitroaniline	3500	U	3500	360
534-52-1	4,6-Dinitro-2-methylphenol	5300	U	5300	840
101-55-3	4-Bromophenyl phenyl ether	1700	U	1700	310
1912-24-9	Atrazine	1700	U	1700	330
120-12-7	Anthracene	1700	U	1700	310
86-74-8	Carbazole	1700	U	1700	280
85-01-8	Phenanthrene	4900		1700	310
87-86-5	Pentachlorophenol	5300	U	5300	860
129-00-0	Pyrene	1700	U	1700	300
218-01-9	Chrysene	1700	U	1700	250
207-08-9	Benzo[k]fluoranthene	170	U	170	25
191-24-2	Benzo[g,h,i]perylene	1700	U	1700	180
205-99-2	Benzo[b]fluoranthene	170	U	170	26
50-32-8	Benzo[a]pyrene	170	U	170	22
56-55-3	Benzo[a]anthracene	170	U	170	32
86-30-6	N-Nitrosodiphenylamine	1700	U	1700	290
85-68-7	Butyl benzyl phthalate	1700	U	1700	200
117-81-7	Bis(2-ethylhexyl) phthalate	1700	U	1700	230
117-84-0	Di-n-octyl phthalate	1700	U	1700	210
193-39-5	Indeno[1,2,3-cd]pyrene	170	U	170	28
53-70-3	Dibenz(a,h)anthracene	170	U	170	21
91-94-1	3,3'-Dichlorobenzidine	3500	U	3500	390
95-94-3	1,2,4,5-Tetrachlorobenzene	1700	U	1700	240
58-90-2	2,3,4,6-Tetrachlorophenol	1700	U	1700	350

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5-WT-E (8-8.5) Lab Sample ID: 460-24280-18

Matrix: Solid Lab File ID: u66484.d

Analysis Method: 8270C Date Collected: 03/17/2011 12:00

Extract. Method: 3541 Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.00(g) Date Analyzed: 04/05/2011 13:21

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 5.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69824 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	123	X	38-105
4165-62-2	Phenol-d5	94		41-118
1718-51-0	Terphenyl-d14	79		16-151
118-79-6	2,4,6-Tribromophenol	78		10-120
367-12-4	2-Fluorophenol	87		37-125
321-60-8	2-Fluorobiphenyl	101		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5-WT-E (8-8.5) | Lab Sample ID: 460-24280-18

Matrix: Solid | Lab File ID: u66484.d

Analysis Method: 8270C | Date Collected: 03/17/2011 12:00

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.00(g) | Date Analyzed: 04/05/2011 13:21

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 5.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69824 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 420000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Alkane-1	4.96	22000	J
	Unknown-1	5.26	13000	J
	C10H12/C10H14 Aromatics	5.36	12000	J
	Unknown Alkane-2	5.64	44000	J
	Unknown Alkane-3	5.72	20000	J
	Unknown Alkane-5	6.09	20000	J
	Unknown Alkane-6	6.26	16000	J
90-12-0	1-Methylnaphthalene	6.44	15000	
	Unknown-2	6.56	14000	J
	Unknown Alkane-8	6.69	16000	J
	Unknown Alkane-9	6.83	25000	J
	Dimethylnaphthalene isomer-1	6.97	11000	J
575-41-7	1,3-Dimethylnaphthalene	7.05	24000	
	Dimethylnaphthalene isomer-2	7.07	11000	J
	Unknown Alkane-10	7.15	30000	J
	Unknown Alkane-11	7.35	14000	J
	Trimethylnaphthalene isomer	7.59	12000	J
	Unknown Alkane-13	8.06	19000	J
	Unknown Alkane-14	8.32	56000	J
	Unknown Alkane-15	8.77	26000	J

Data File: /chem/BNAMS4.i/8270T/04-02-11/05apr11a.b/u66484.d
Report Date: 07-Apr-2011 13:17

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/04-02-11/05apr11a.b/u66484.d
Lab Smp Id: 460-24280-F-18-E Client Smp ID: PMP-5-WT-E (8-8.5)
Inj Date : 05-APR-2011 13:21
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-24280-F-18-E
Misc Info : 460-24280-F-18-E
Comment   :
Method   : /chem/BNAMS4.i/8270T/04-02-11/05apr11a.b/8270C_08SP.m
Meth Date : 05-Apr-2011 10:55 croccom Quant Type: ISTD
Cal Date : 02-APR-2011 11:46 Cal File: u66408.d
Als bottle: 8
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	15.00000	Weight of sample extracted (g)
M	5.60579	% 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	3.034	3.040	(0.700)	179125	17.4120	6100
$ 17 Phenol-d5 (SUR)	99	3.954	3.987	(0.913)	223448	18.7818	6600
113 n-decane	43	4.176	4.185	(0.964)	243465	26.4032	9300
21 1,3-Dichlorobenzene	146	4.271	4.288	(0.986)	7020	0.92380	330(a)
* 79 1,4-Dichlorobenzene-d4	152	4.331	4.339	(1.000)	195892	40.0000	
22 1,4-Dichlorobenzene	146	4.346	4.360	(1.003)	30574	4.44993	1600(a)
23 1,2-Dichlorobenzene	146	4.502	4.514	(1.039)	10666	1.56916	550(a)
$ 76 Nitrobenzene-d5 (SUR)	82	4.882	4.905	(0.869)	79547	12.2757	4300(R)
30 1,2,4-Trichlorobenzene	180	5.561	5.576	(0.990)	14352	3.01052	1100
* 80 Naphthalene-d8	136	5.620	5.628	(1.000)	585107	40.0000	
34 2-Methylnaphthalene	142	6.344	6.343	(1.129)	631809	61.7466	22000
120 1-Methylnaphthalene	142	6.439	6.447	(1.146)	404761	43.4896	15000
$ 77 2-Fluorobiphenyl (SUR)	172	6.711	6.712	(0.909)	96449	10.0665	3600

Data File: /chem/BNAMS4.i/8270T/04-02-11/05apr11a.b/u66484.d
Report Date: 07-Apr-2011 13:17

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
	102 Diphenyl	154	6.808	6.816	(0.922)	79731	8.03357	2800
	125 1,3-Dimethylnaphthalene	156	7.052	7.051	(0.955)	467560	67.4595	24000
*	82 Acenaphthene-d10	164	7.385	7.386	(1.000)	287684	40.0000	
	42 Acenaphthene	154	7.413	7.416	(1.004)	23222	3.54027	1200(a)
	47 Fluorene	166	7.920	7.925	(1.072)	44035	5.57440	2000
$	18 2,4,6-Tribromophenol (SUR)	330	8.156	8.162	(1.104)	22762	15.6343	5500
*	83 Phenanthrene-d10	188	8.844	8.845	(1.000)	342176	40.0000	
	52 Phenanthrene	178	8.865	8.867	(1.002)	139747	13.9717	4900
	57 Pyrene	202	10.238	10.255	(0.885)	9720	0.67429	240(a)
$	78 Terphenyl-d14	244	10.392	10.410	(0.898)	84208	7.94500	2800
*	81 Chrysene-d12	240	11.570	11.591	(1.000)	391554	40.0000	
*	84 Perylene-d12	264	13.459	13.477	(1.000)	293155	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: /chem/BNAMS4.i/8270T/04-02-11/05apr11a.b/u66484.d
Report Date: 07-Apr-2011 13:17

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/04-02-11/05apr11a.b/u66484.d
Lab Smp Id: 460-24280-F-18-E Client Smp ID: PMP-5-WT-E (8-8.5)
Inj Date : 05-APR-2011 13:21
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-24280-F-18-E
Misc Info : 460-24280-F-18-E
Comment   :
Method   : /chem/BNAMS4.i/8270T/04-02-11/05apr11a.b/8270C_08SP.m
Meth Date : 05-Apr-2011 10:55 croccom Quant Type: ISTD
Cal Date : 02-APR-2011 11:46 Cal File: u66408.d
Als bottle: 8
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	15.00000	Weight of sample extracted (g)
M	5.60579	% Moisture

Cpnd Variable Local Compound Variable

ISTD		RT	AREA	AMOUNT
* 79	1,4-Dichlorobenzene-d4	4.331	1527693	40.000
* 82	Acenaphthene-d10	7.385	2275715	40.000
* 83	Phenanthrene-d10	8.844	1063165	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-1				CAS #:			
4.956	2409660	63.0927463	22000	0	0		79

Data File: /chem/BNAMS4.i/8270T/04-02-11/05apr11a.b/u66484.d
Report Date: 07-Apr-2011 13:17

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown-1					CAS #:		
5.259	1370826	35.8926959	13000	0		0	79
C10H12/C10H14 Aromatics					CAS #:		
5.362	1323823	34.6620094	12000	0		0	79
Unknown Alkane-2					CAS #:		
5.641	4751408	124.407332	44000	0		0	79
Unknown Alkane-3					CAS #:		
5.722	2147753	56.2351714	20000	0		0	79
Unknown Cycloalkane					CAS #:		
5.936	1311965	23.0602610	8100	0		0	82
Unknown Alkane-4					CAS #:		
6.041	1310353	23.0319388	8100	0		0	82
Unknown Alkane-5					CAS #:		
6.085	3187645	56.0289009	20000	0		0	82
Unknown Alkane-6					CAS #:		
6.256	2646099	46.5102052	16000	0		0	82
Unknown-2					CAS #:		
6.557	2292246	40.2905594	14000	0		0	82
Unknown Alkane-7					CAS #:		
6.659	1252840	22.0210367	7800	0		0	82
Unknown Alkane-8					CAS #:		
6.688	2594688	45.6065512	16000	0		0	82
Unknown Alkane-9					CAS #:		
6.829	4008856	70.4632326	25000	0		0	82
Ethylnaphthalene isomer					CAS #:		
6.902	1231162	21.6400075	7600	0		0	82
Dimethylnaphthalene isomer-1					CAS #:		
6.973	1730730	30.4208530	11000	0		0	82
Dimethylnaphthalene isomer-2					CAS #:		
7.073	1712025	30.0920816	11000	0		0	82

Data File: /chem/BNAMS4.i/8270T/04-02-11/05apr11a.b/u66484.d
Report Date: 07-Apr-2011 13:17

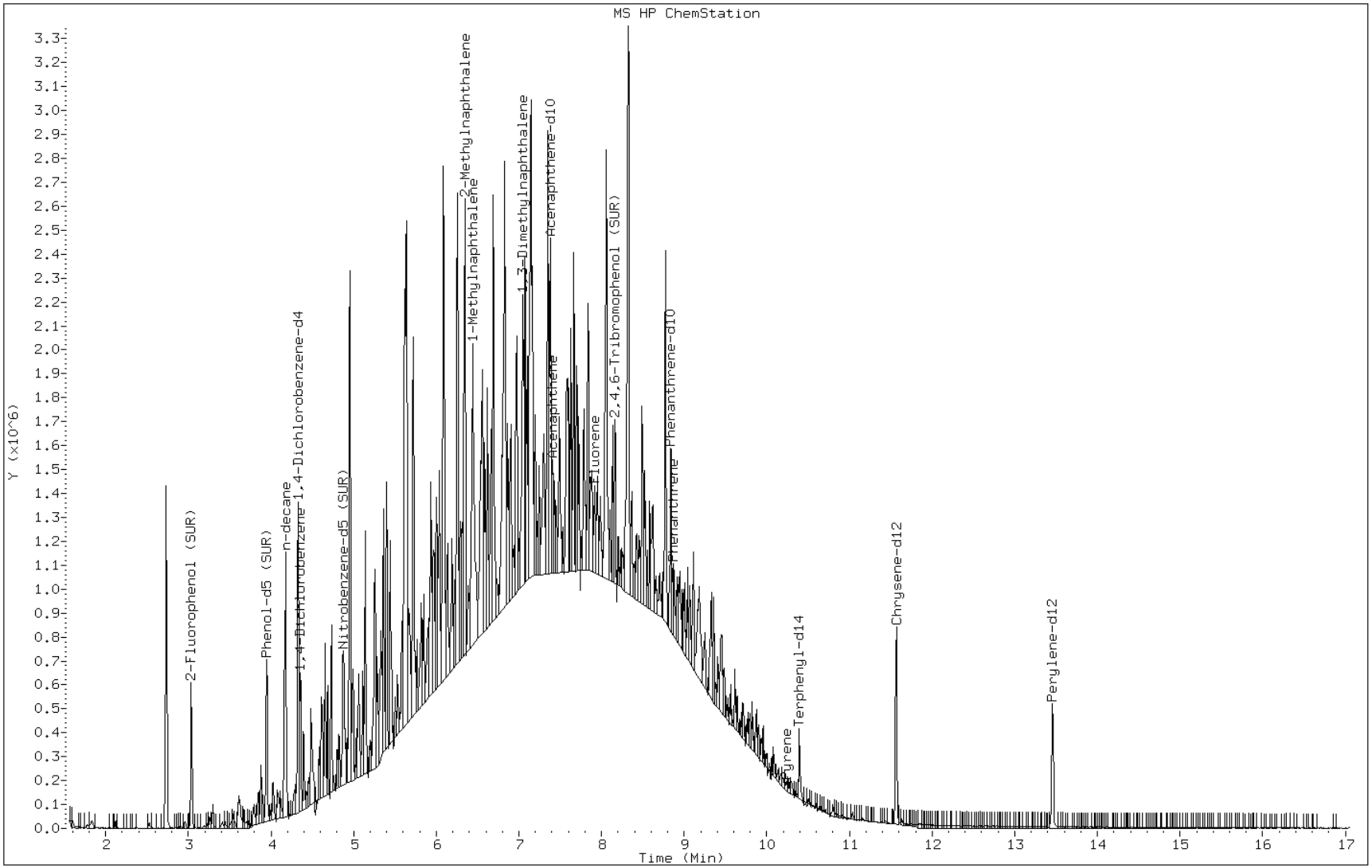
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown-3					CAS #:		
7.100	1249960	21.9704099	7800	0		0	82
Unknown Alkane-10					CAS #:		
7.149	4890870	85.9662928	30000	0		0	82
Unknown-4					CAS #:		
7.301	1323267	23.2589307	8200	0		0	82
Unknown Alkane-11					CAS #:		
7.350	2297381	40.3808220	14000	0		0	82
Trimethylnaphthalene isomer					CAS #:		
7.586	1890804	33.2344616	12000	0		0	82
Unknown-5					CAS #:		
7.663	1520080	26.7182811	9400	0		0	82
Unknown Alkane-12					CAS #:		
7.836	1304965	22.9372322	8100	0		0	82
Unknown Alkane-13					CAS #:		
8.059	3125427	54.9352965	19000	0		0	82
Unknown Alkane-14					CAS #:		
8.323	4211729	158.459989	56000	0		0	83
Unknown Alkane-15					CAS #:		
8.774	1961076	73.7825209	26000	0		0	83

Data File: u66484.d

Date: 05-APR-2011 13:21

Client ID: PMP-5-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-18-E Operator: BNAMS 4



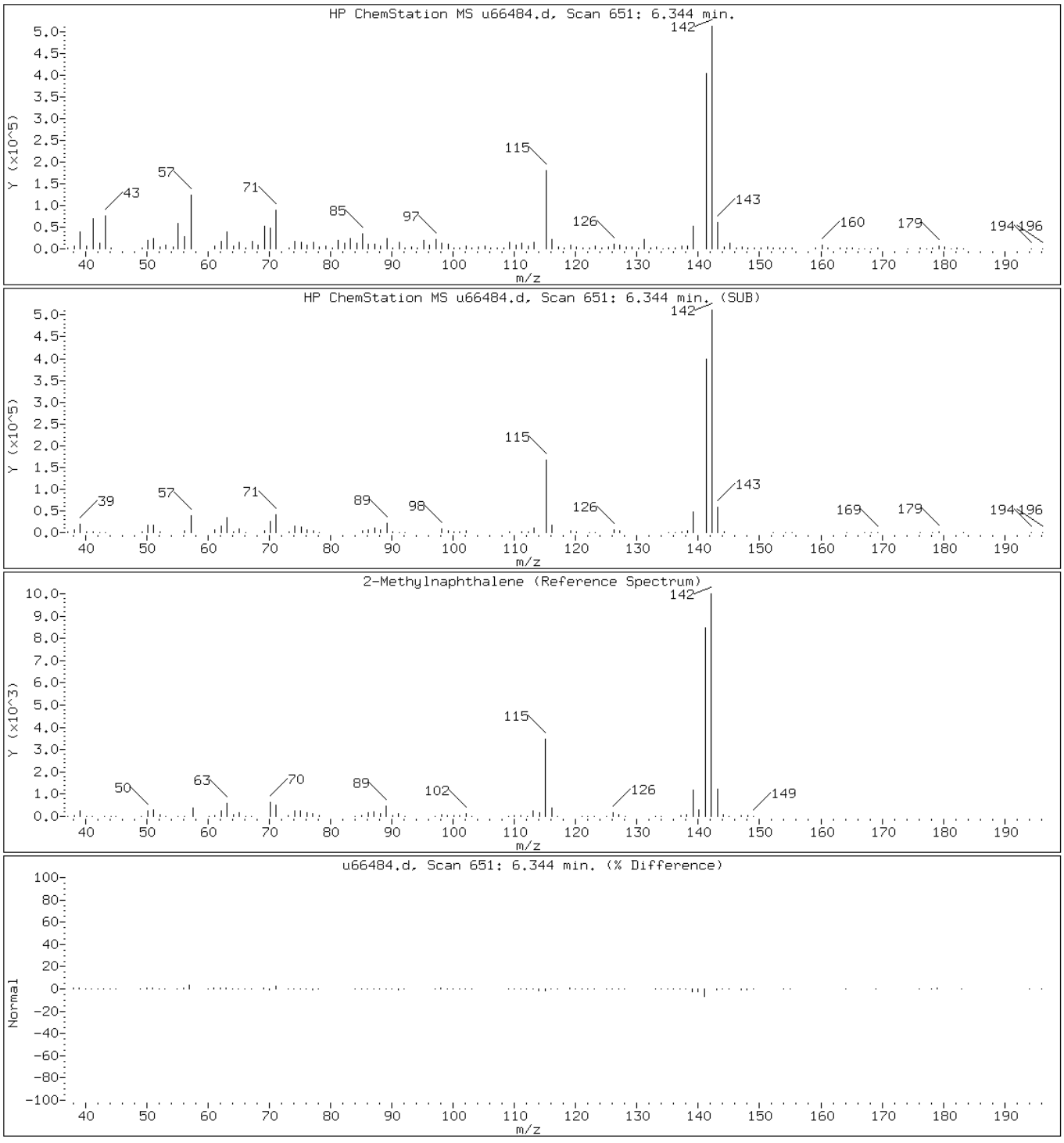
Data File: u66484.d

Date: 05-APR-2011 13:21

Client ID: PMP-5-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-18-E Operator: BNAMS 4

34 2-Methylnaphthalene



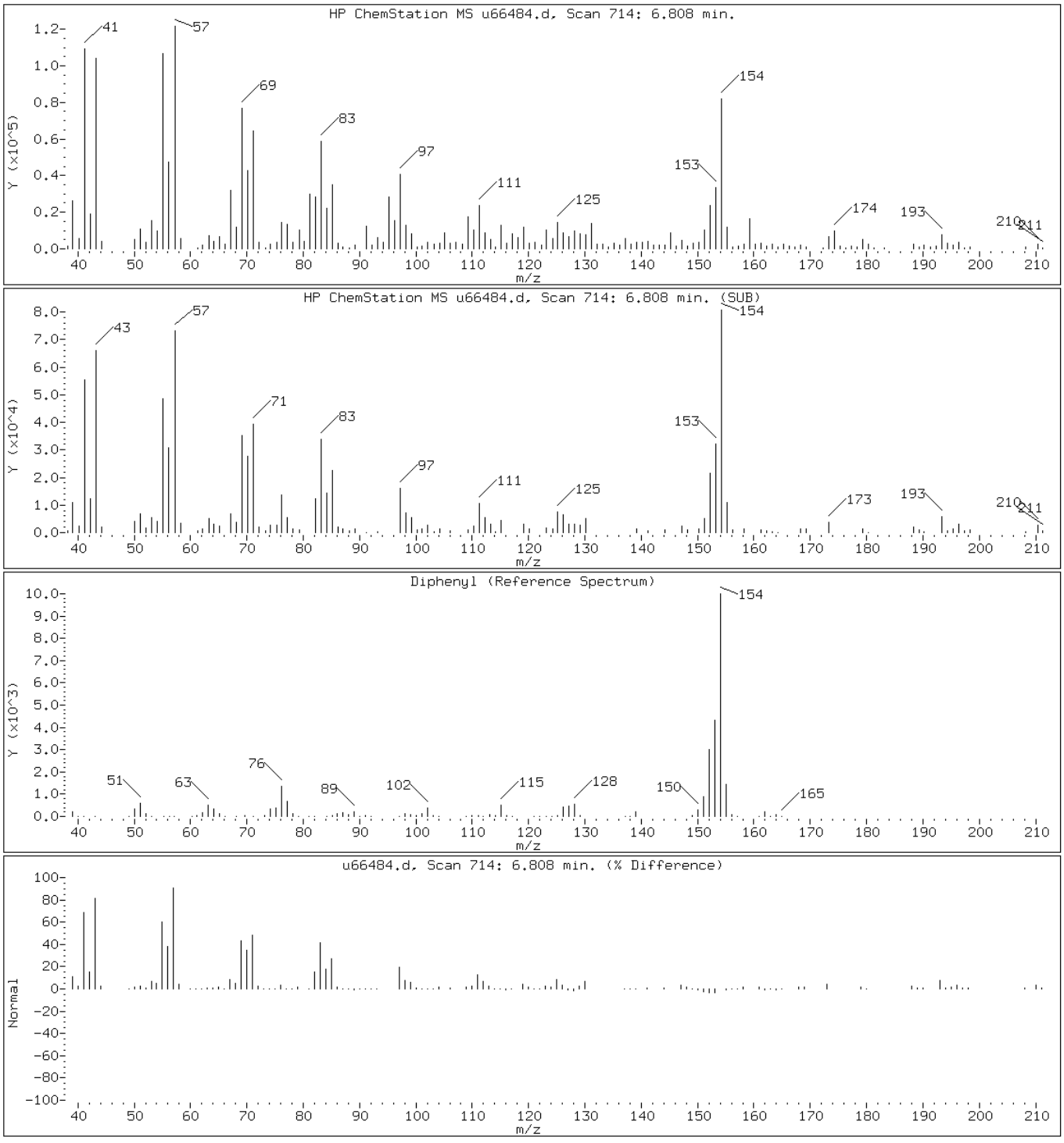
Data File: u66484.d

Date: 05-APR-2011 13:21

Client ID: PMP-5-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-18-E Operator: BNAMS 4

102 Diphenyl



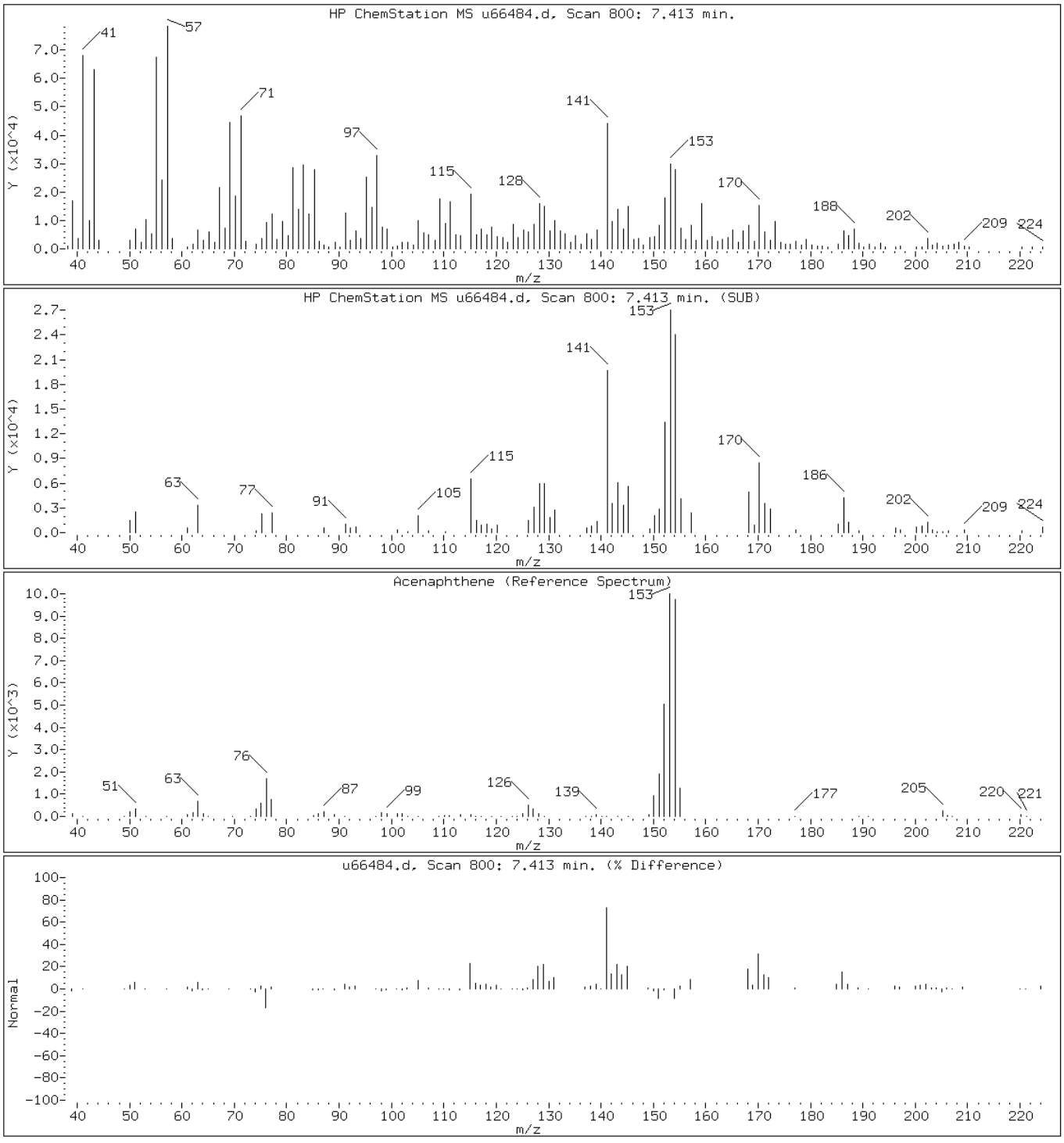
Data File: u66484.d

Date: 05-APR-2011 13:21

Client ID: PMP-5-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-18-E Operator: BNAMS 4

42 Acenaphthene



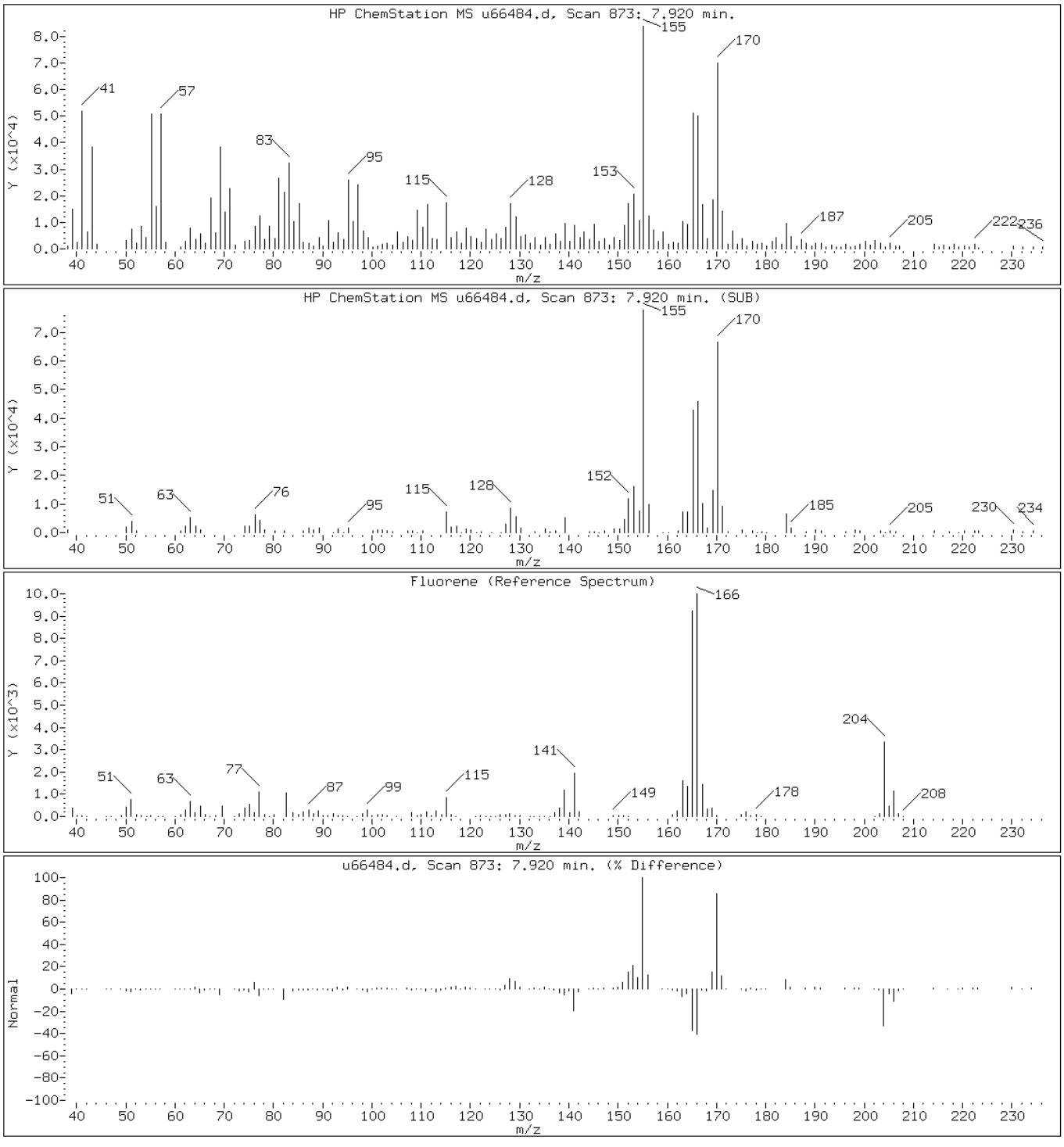
Data File: u66484.d

Date: 05-APR-2011 13:21

Client ID: PMP-5-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-18-E Operator: BNAMS 4

47 Fluorene



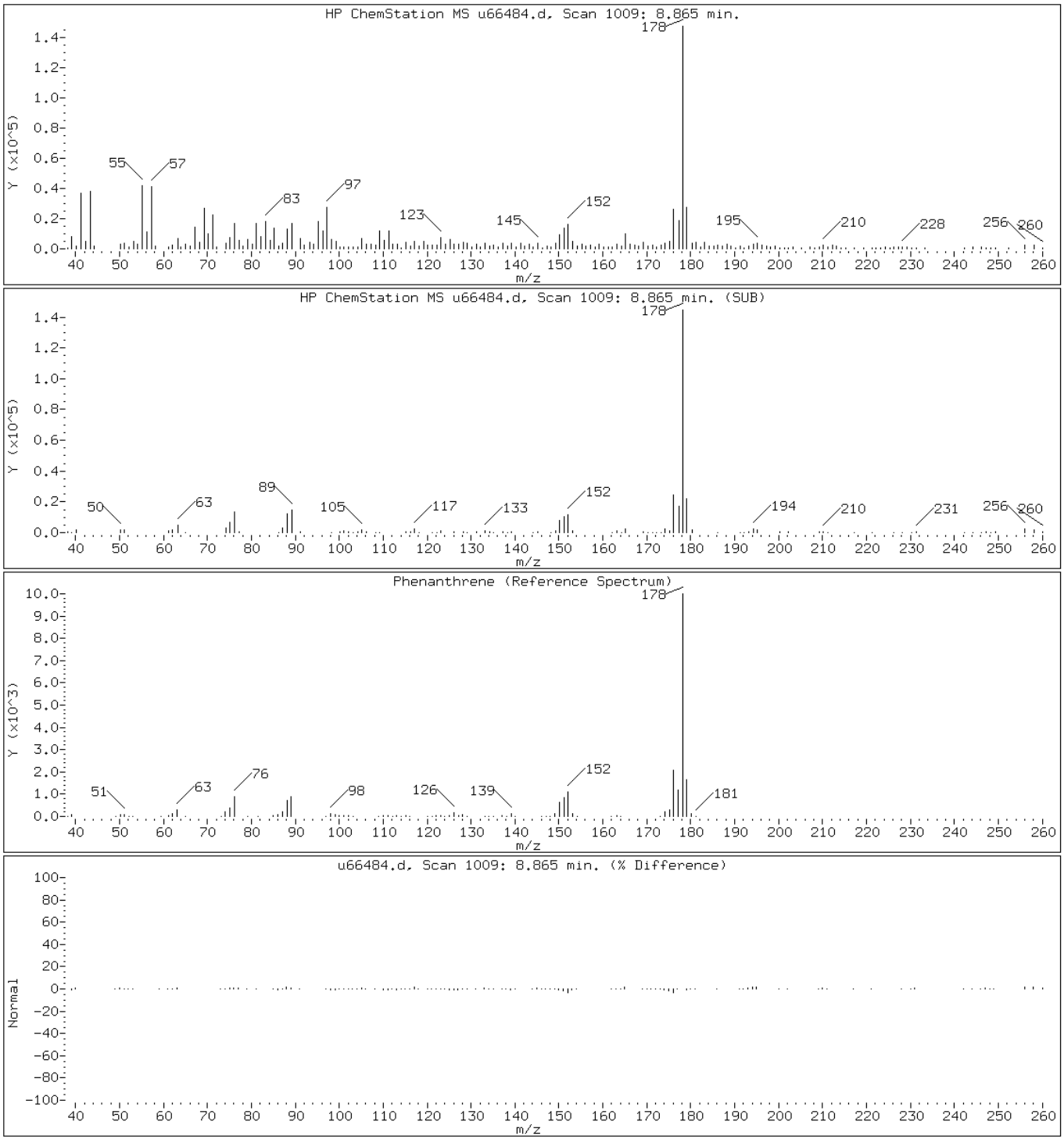
Data File: u66484.d

Date: 05-APR-2011 13:21

Client ID: PMP-5-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-18-E Operator: BNAMS 4

52 Phenanthrene



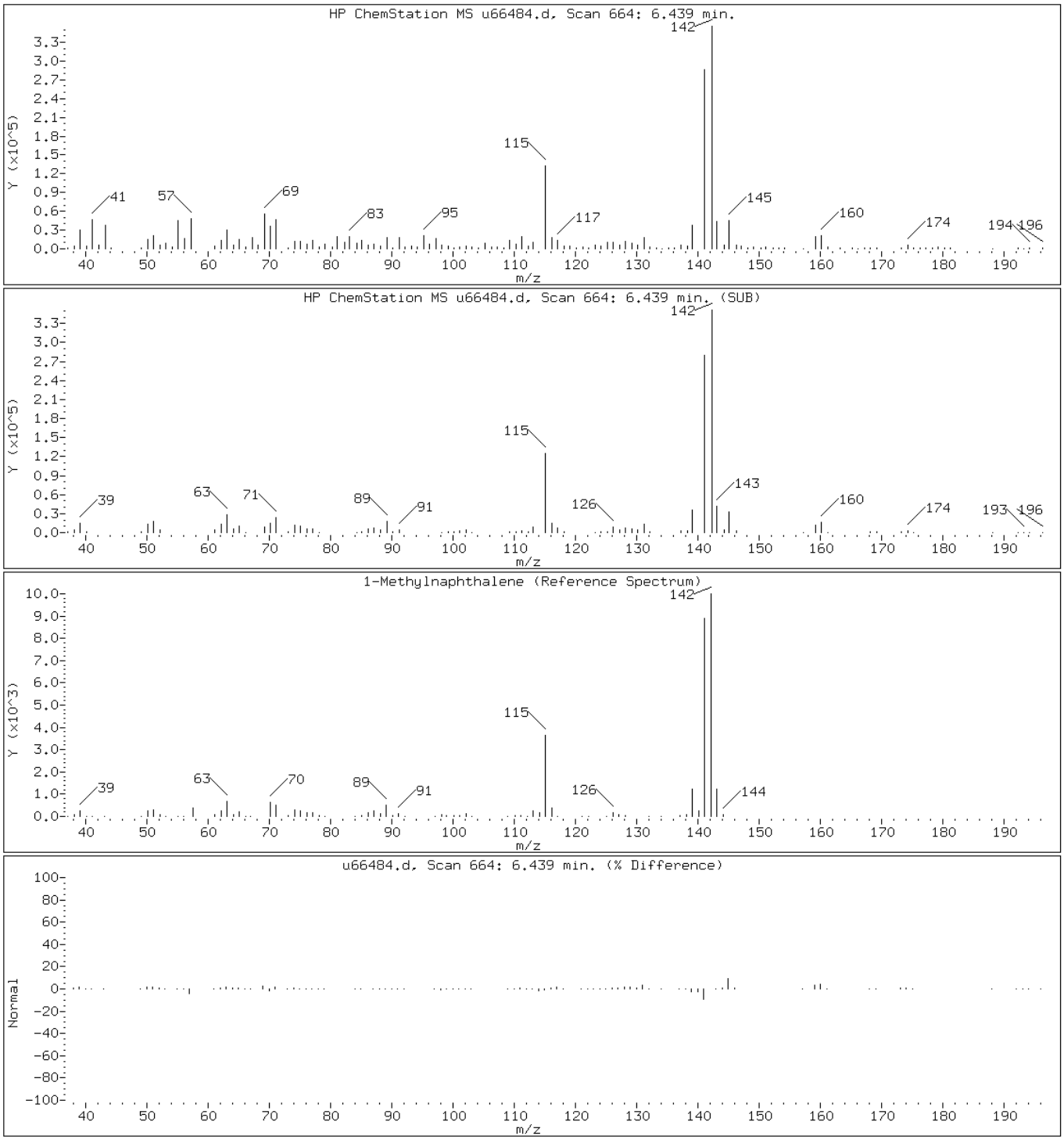
Data File: u66484.d

Date: 05-APR-2011 13:21

Client ID: PMP-5-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-18-E Operator: BNAMS 4

120 1-Methylnaphthalene



Data File: u66484.d

Date: 05-APR-2011 13:21

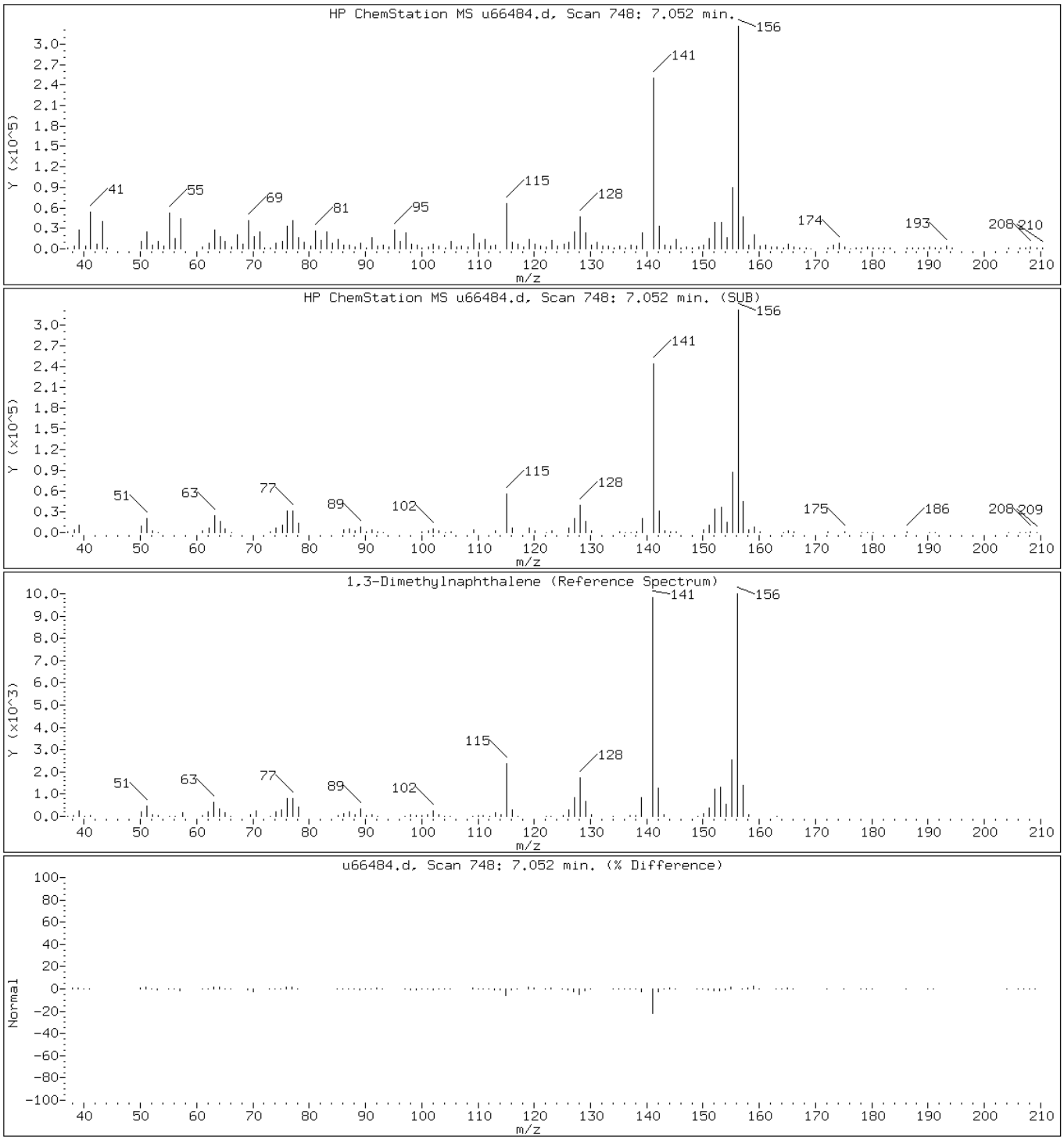
Client ID: PMP-5-WT-E (8-8.5)

Instrument: BNAMS4.i

Sample Info: 460-24280-F-18-E

Operator: BNAMS 4

125 1,3-Dimethylnaphthalene



Data File: u66484.d

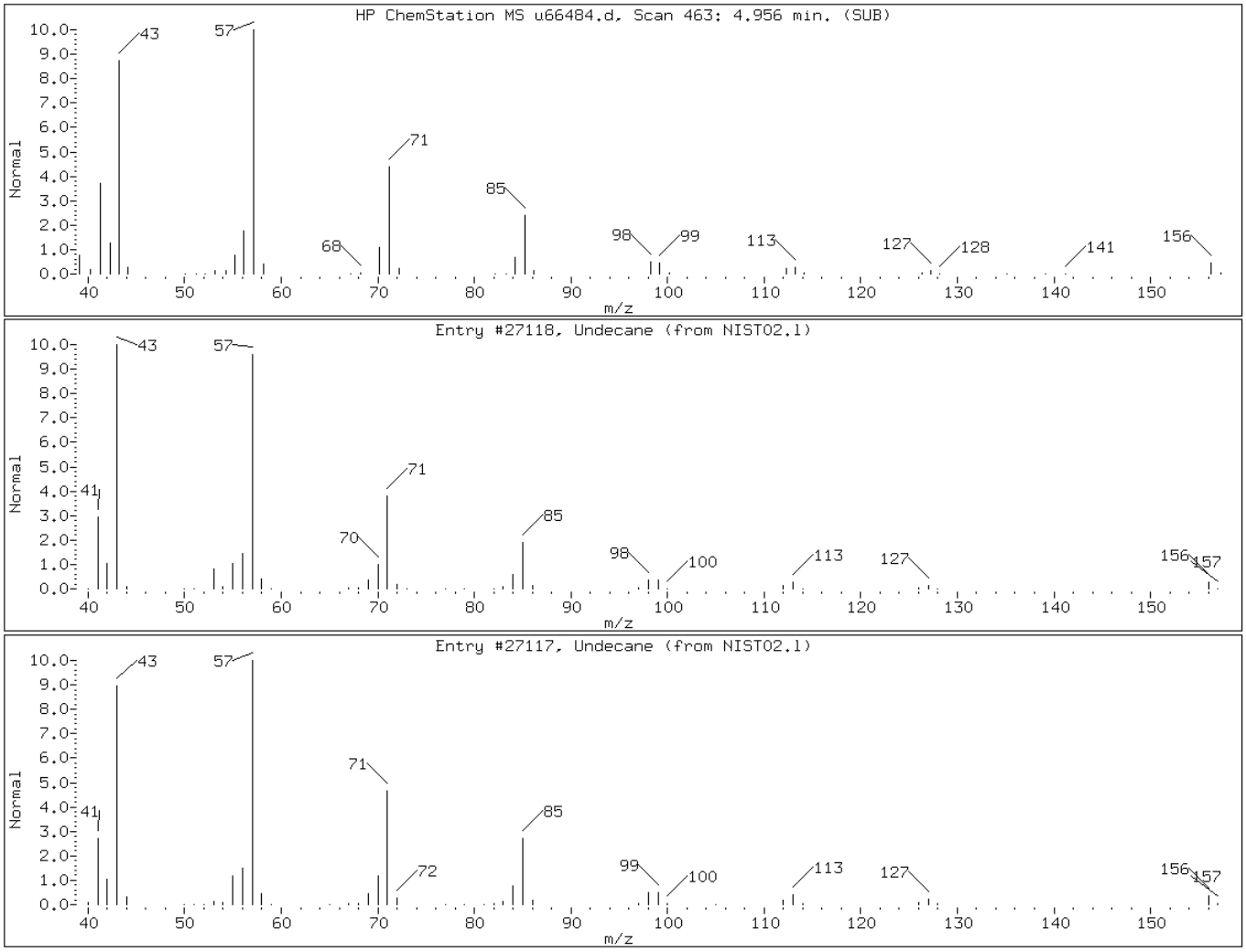
Date: 05-APR-2011 13:21

Client ID: PMP-5-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-18-E Operator: BNAMS 4

Retention Time: 4.96

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Undecane	1120-21-4	NIST02.l	27118	97	C11H24	156
Undecane	1120-21-4	NIST02.l	27117	94	C11H24	156



Data File: u66484.d

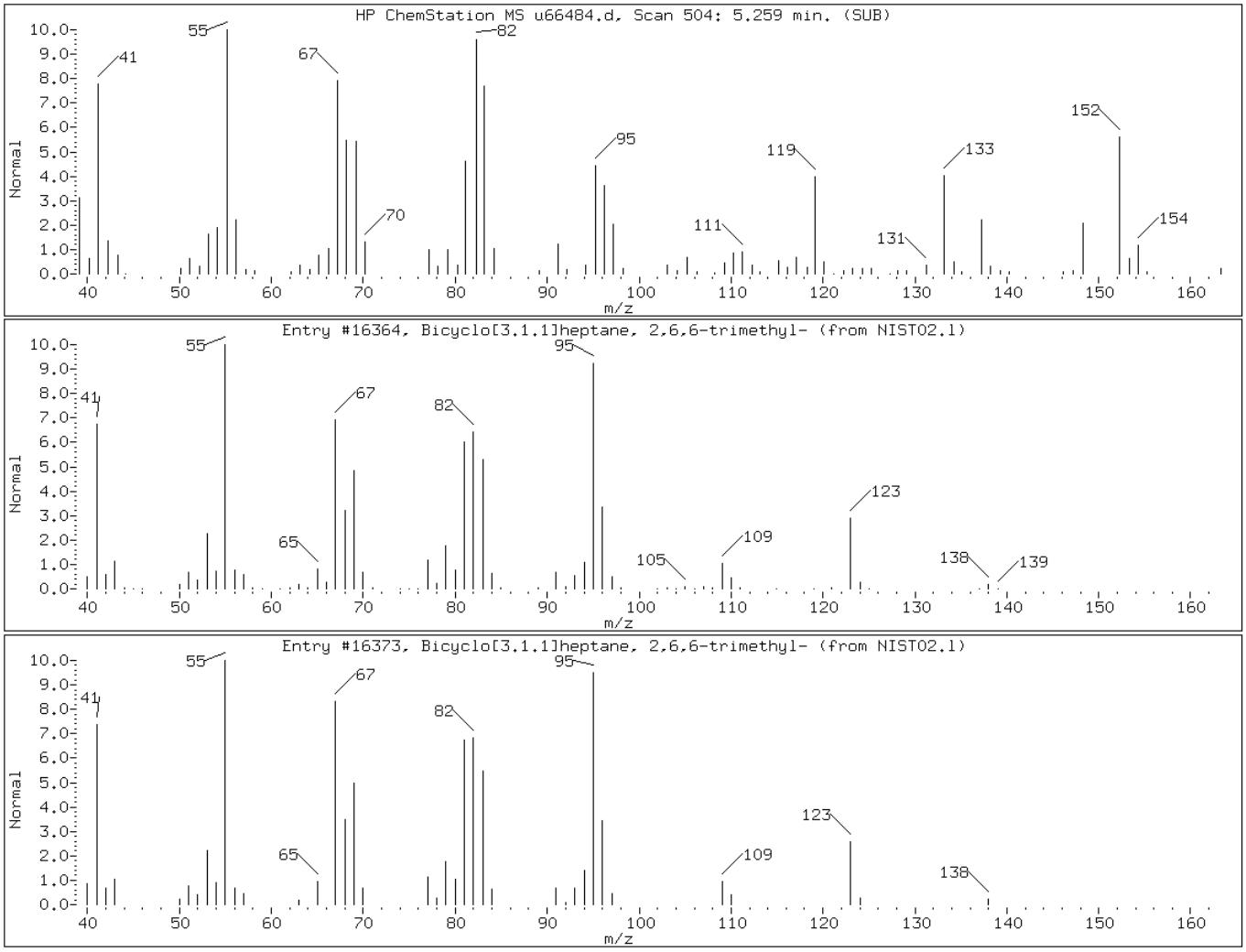
Date: 05-APR-2011 13:21

Client ID: PMP-5-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-18-E Operator: BNAMS 4

Retention Time: 5.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-1						
Bicyclo[3.1.1]heptane, 2,6,6-trime	473-55-2	NIST02.l	16364	45	C10H18	138
Bicyclo[3.1.1]heptane, 2,6,6-trime	473-55-2	NIST02.l	16373	43	C10H18	138



Data File: u66484.d

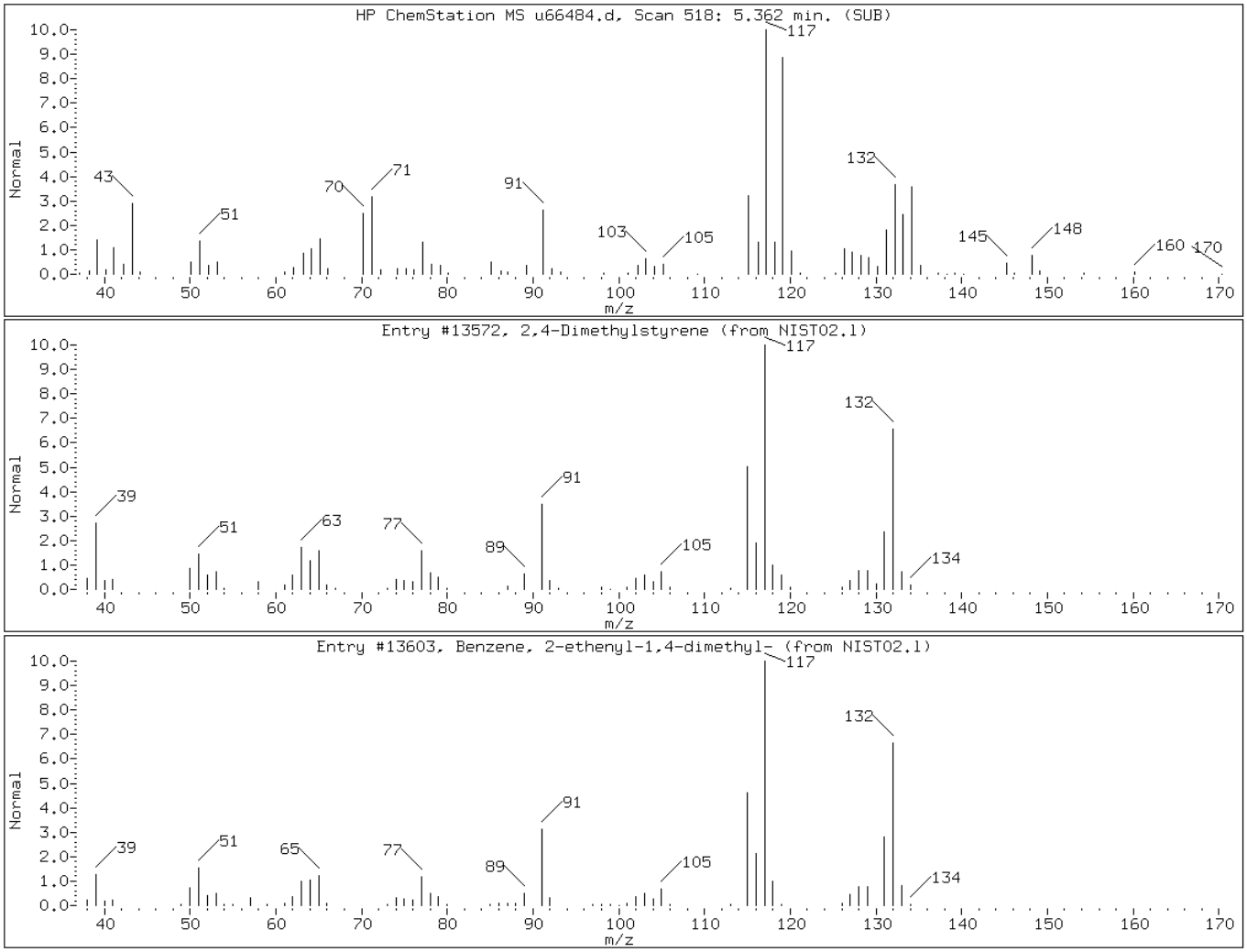
Date: 05-APR-2011 13:21

Client ID: PMP-5-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-18-E Operator: BNAMS 4

Retention Time: 5.36

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12/C10H14 Aromatics						
2,4-Dimethylstyrene	2234-20-0	NIST02.l	13572	64	C10H12	132
Benzene, 2-ethenyl-1,4-dimethyl-	2039-89-6	NIST02.l	13603	60	C10H12	132



Data File: u66484.d

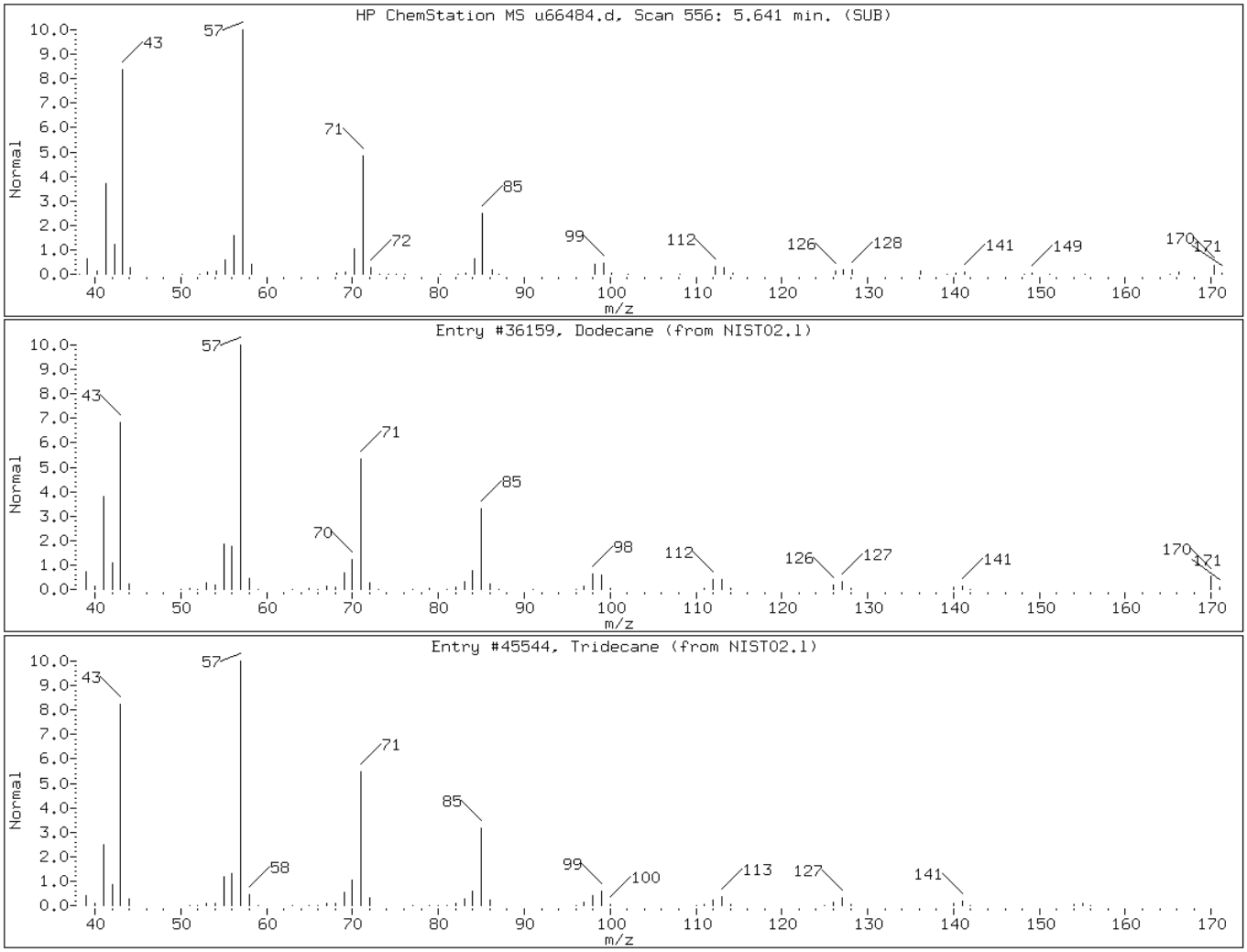
Date: 05-APR-2011 13:21

Client ID: PMP-5-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-18-E Operator: BNAMS 4

Retention Time: 5.64

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Dodecane	112-40-3	NIST02.l	36159	93	C12H26	170
Tridecane	629-50-5	NIST02.l	45544	90	C13H28	184



Data File: u66484.d

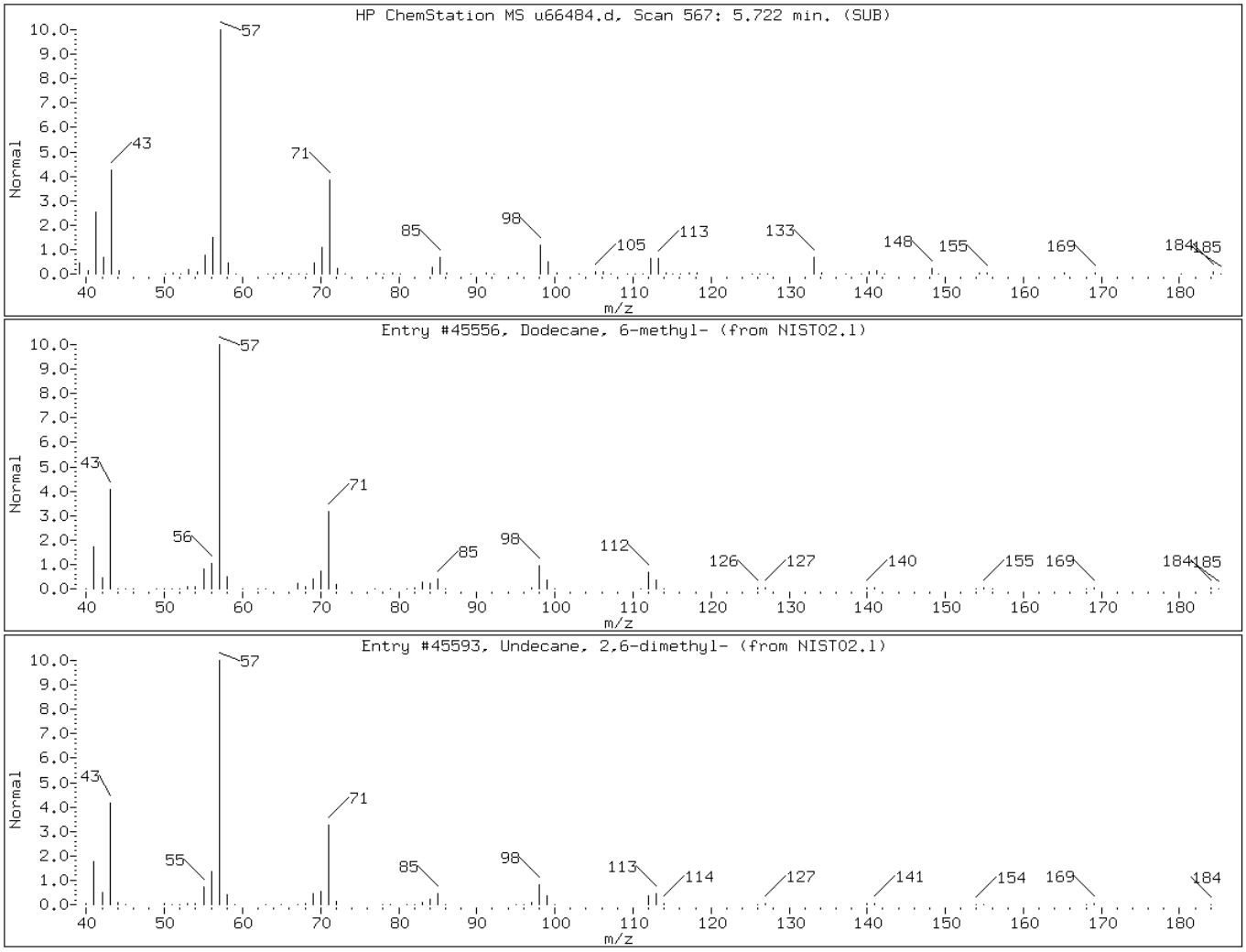
Date: 05-APR-2011 13:21

Client ID: PMP-5-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-18-E Operator: BNAMS 4

Retention Time: 5.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Dodecane, 6-methyl-	6044-71-9	NIST02.l	45556	97	C13H28	184
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45593	93	C13H28	184



Data File: u66484.d

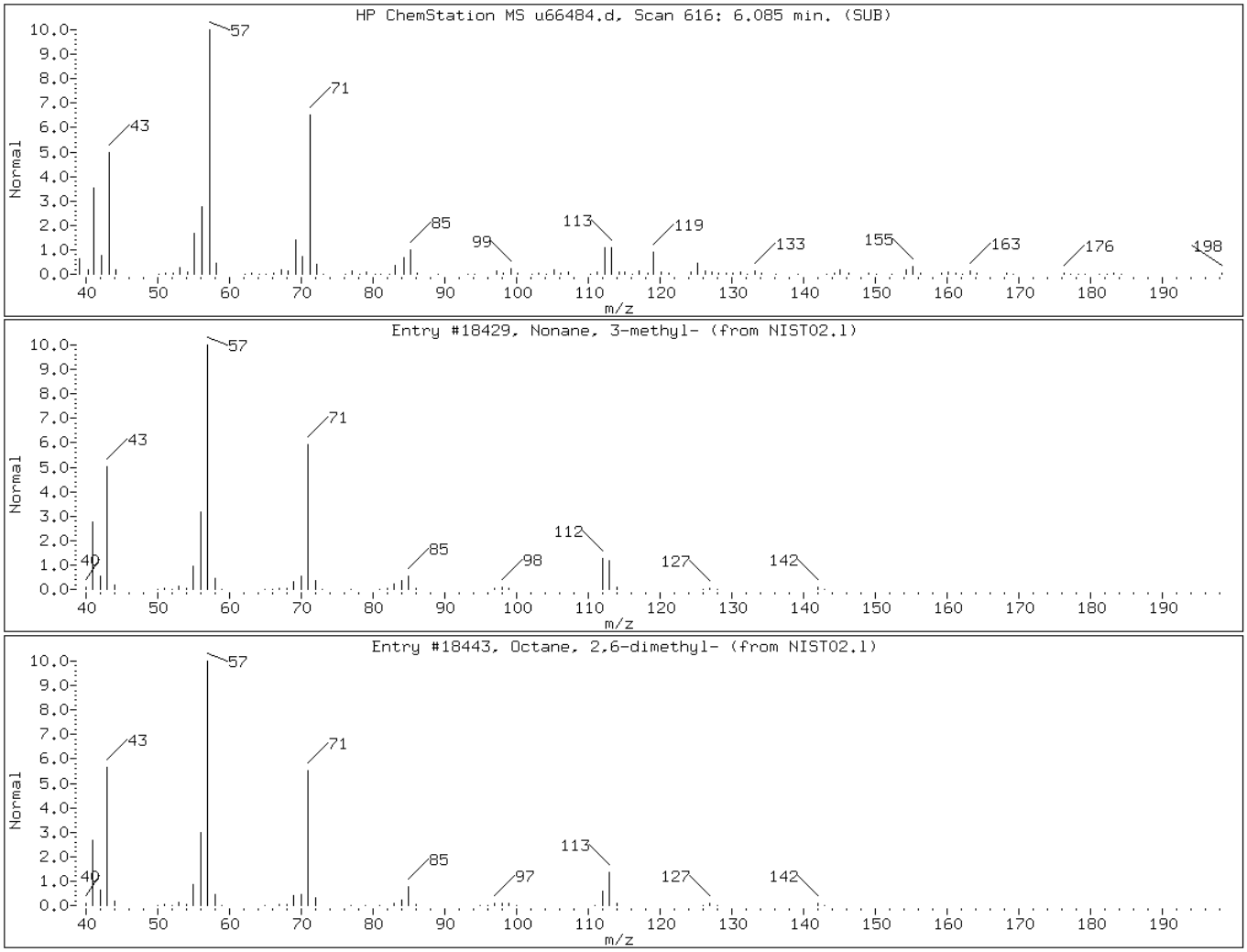
Date: 05-APR-2011 13:21

Client ID: PMP-5-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-18-E Operator: BNAMS 4

Retention Time: 6.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Nonane, 3-methyl-	5911-04-6	NIST02.l	18429	80	C10H22	142
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18443	78	C10H22	142



Data File: u66484.d

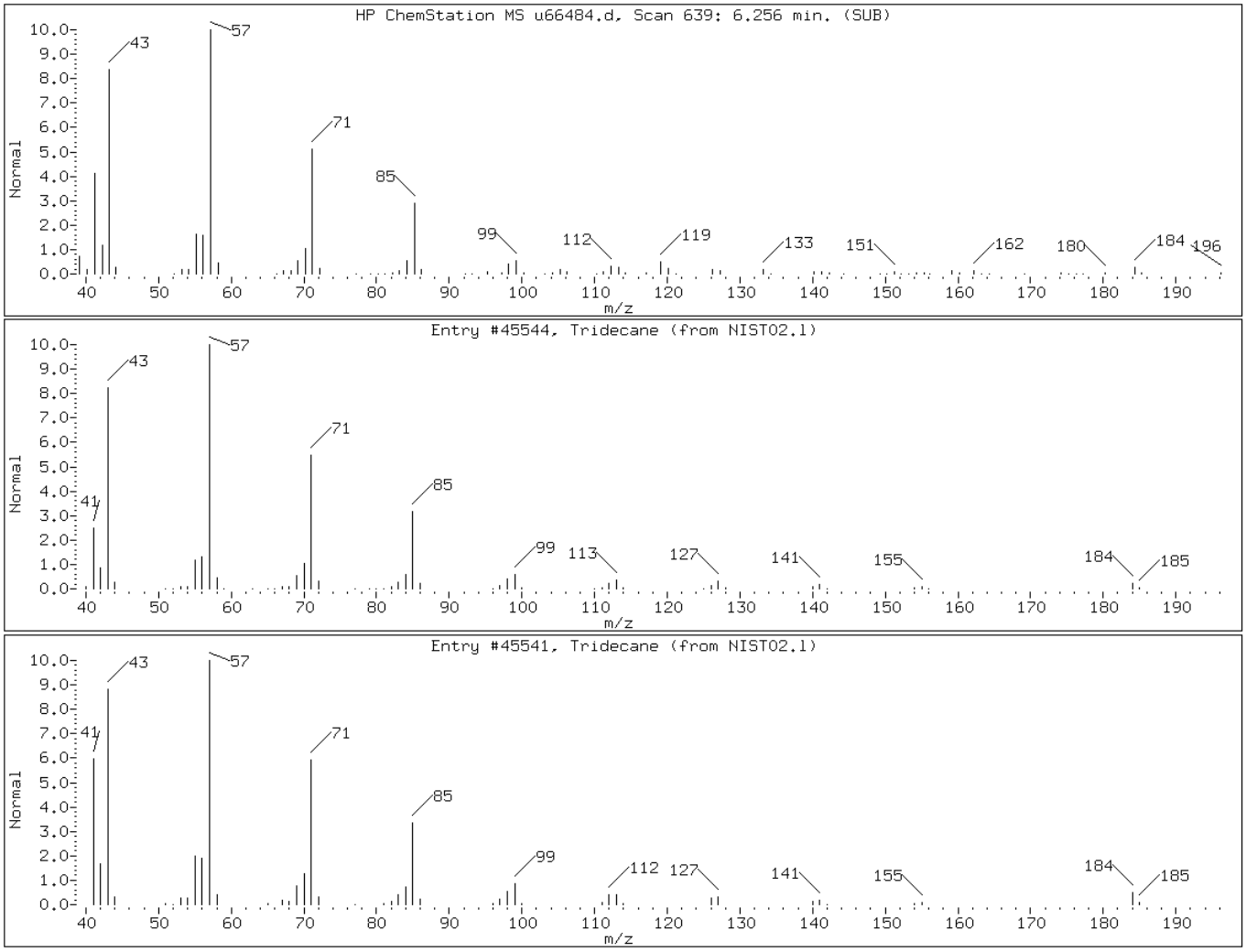
Date: 05-APR-2011 13:21

Client ID: PMP-5-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-18-E Operator: BNAMS 4

Retention Time: 6.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Tridecane	629-50-5	NIST02.l	45544	94	C13H28	184
Tridecane	629-50-5	NIST02.l	45541	87	C13H28	184



Data File: u66484.d

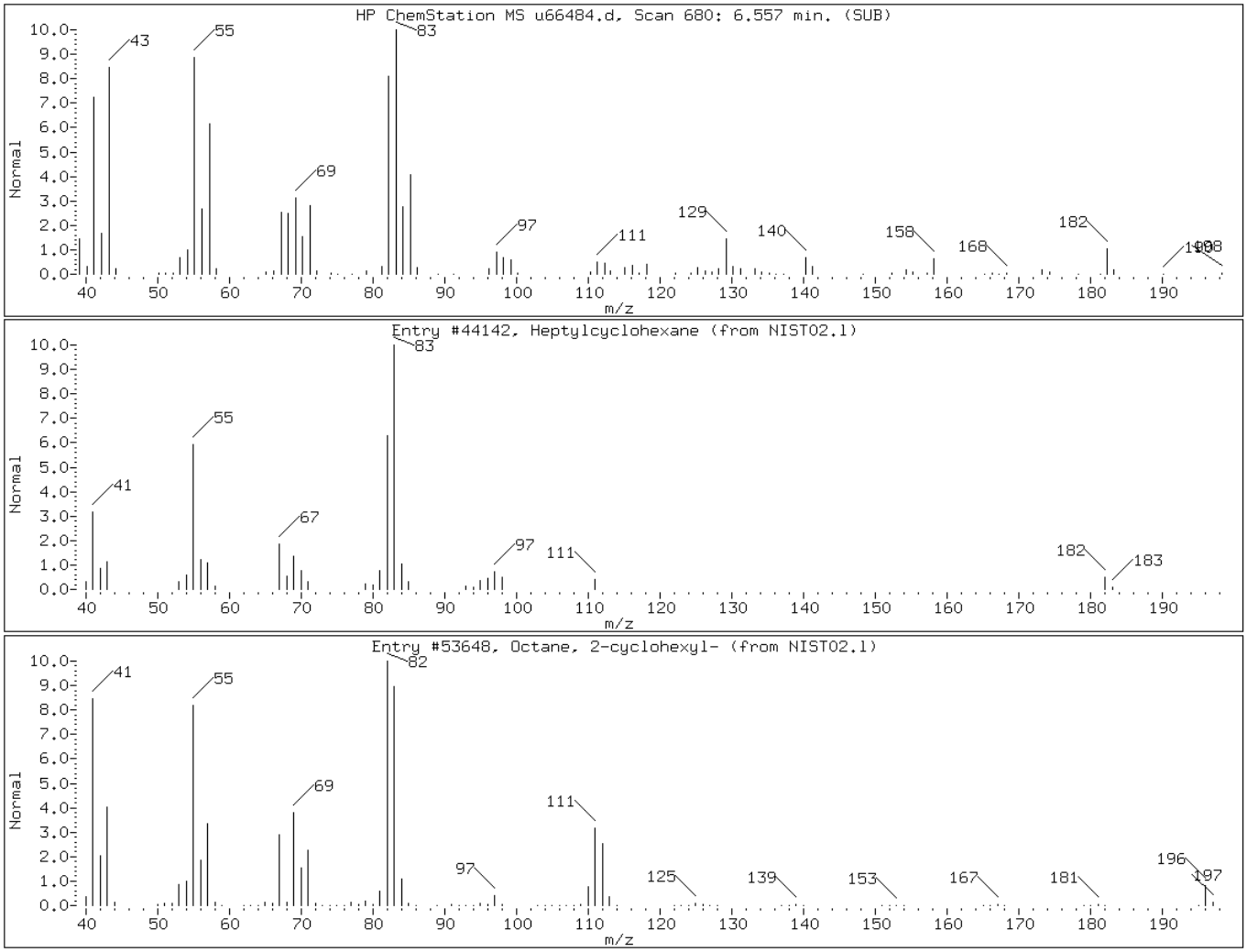
Date: 05-APR-2011 13:21

Client ID: PMP-5-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-18-E Operator: BNAMS 4

Retention Time: 6.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown-2						
Heptylcyclohexane	5617-41-4	NIST02.l	44142	52	C13H26	182
Octane, 2-cyclohexyl-	2883-05-8	NIST02.l	53648	50	C14H28	196



Data File: u66484.d

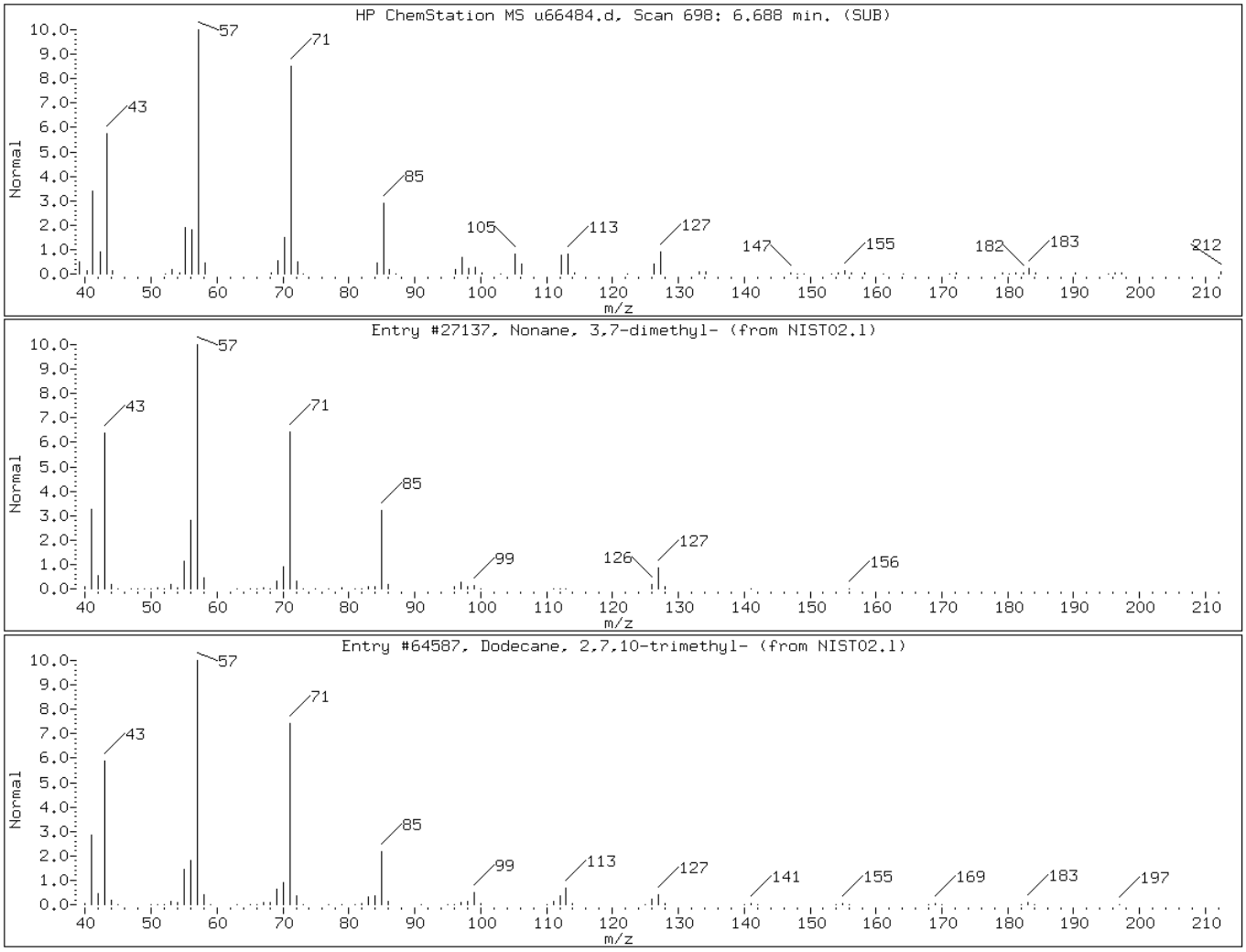
Date: 05-APR-2011 13:21

Client ID: PMP-5-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-18-E Operator: BNAMS 4

Retention Time: 6.69

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Nonane, 3,7-dimethyl-	17302-32-8	NIST02.l	27137	87	C11H24	156
Dodecane, 2,7,10-trimethyl-	74645-98-0	NIST02.l	64587	86	C15H32	212



Data File: u66484.d

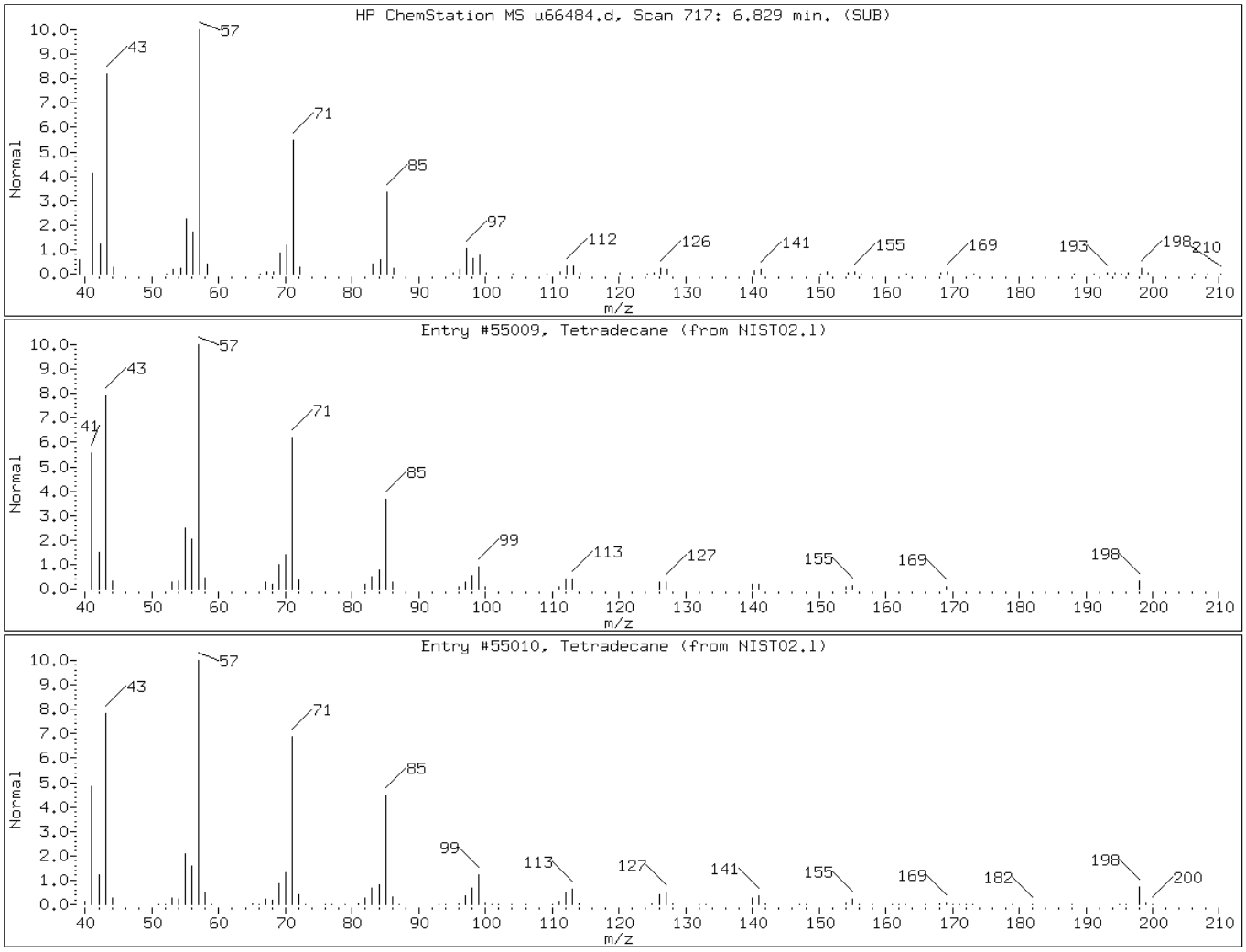
Date: 05-APR-2011 13:21

Client ID: PMP-5-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-18-E Operator: BNAMS 4

Retention Time: 6.83

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Tetradecane	629-59-4	NIST02.l	55009	97	C14H30	198
Tetradecane	629-59-4	NIST02.l	55010	97	C14H30	198



Data File: u66484.d

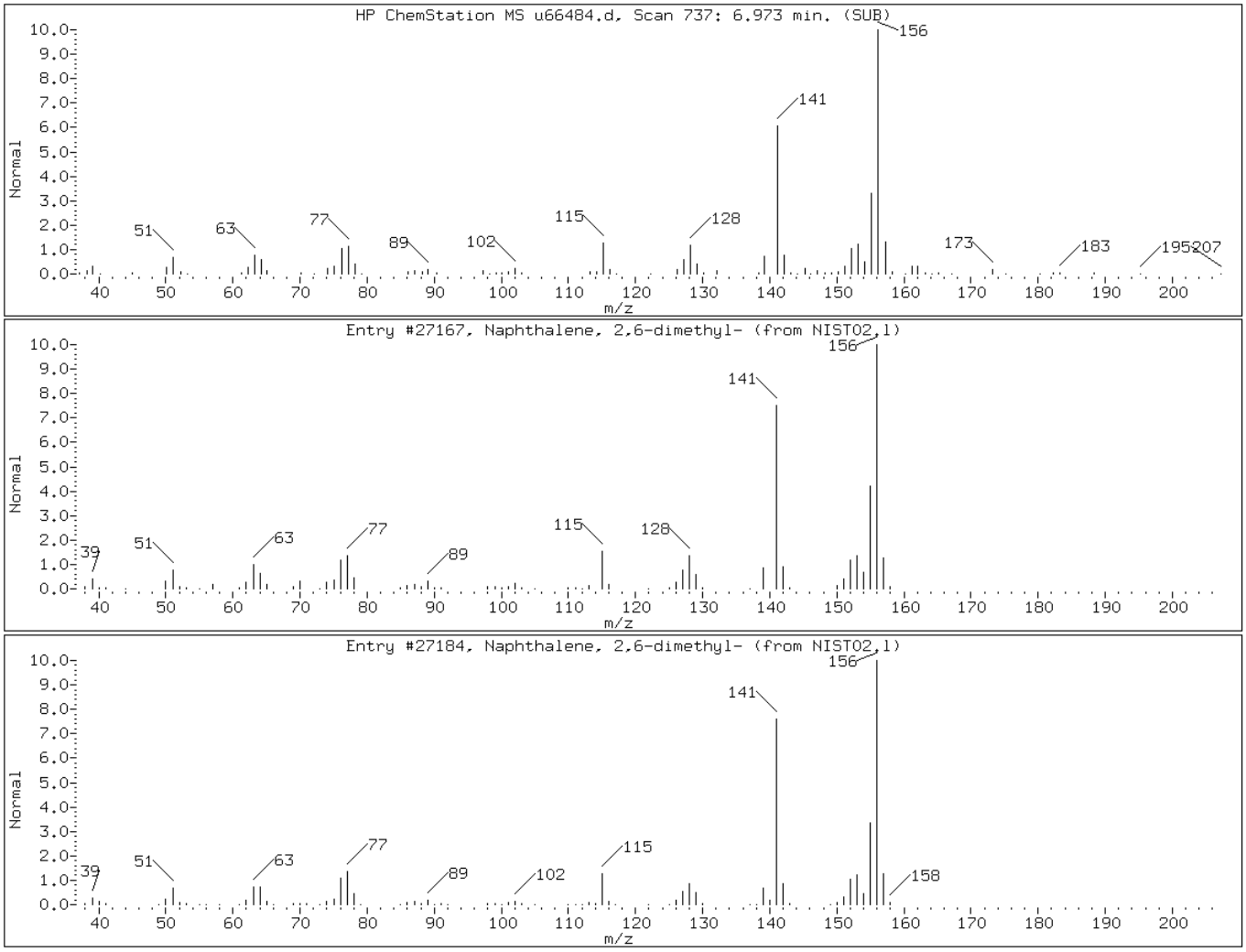
Date: 05-APR-2011 13:21

Client ID: PMP-5-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-18-E Operator: BNAMS 4

Retention Time: 6.97

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylnaphthalene isomer-1						
Naphthalene, 2,6-dimethyl-	581-42-0	NIST02.l	27167	98	C12H12	156
Naphthalene, 2,6-dimethyl-	581-42-0	NIST02.l	27184	98	C12H12	156



Data File: u66484.d

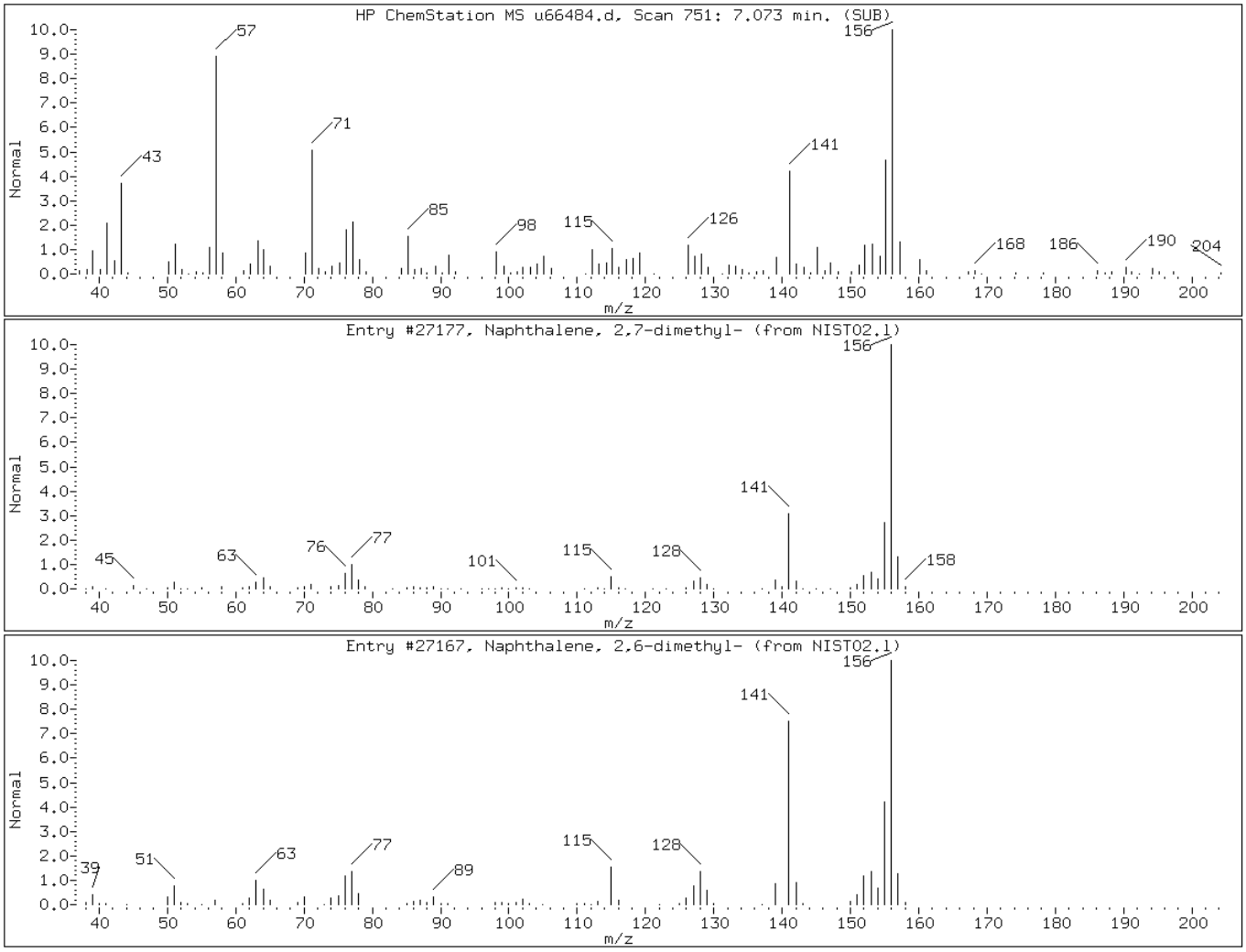
Date: 05-APR-2011 13:21

Client ID: PMP-5-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-18-E Operator: BNAMS 4

Retention Time: 7.07

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylnaphthalene isomer-2						
Naphthalene, 2,7-dimethyl-	582-16-1	NIST02.l	27177	92	C12H12	156
Naphthalene, 2,6-dimethyl-	581-42-0	NIST02.l	27167	86	C12H12	156



Data File: u66484.d

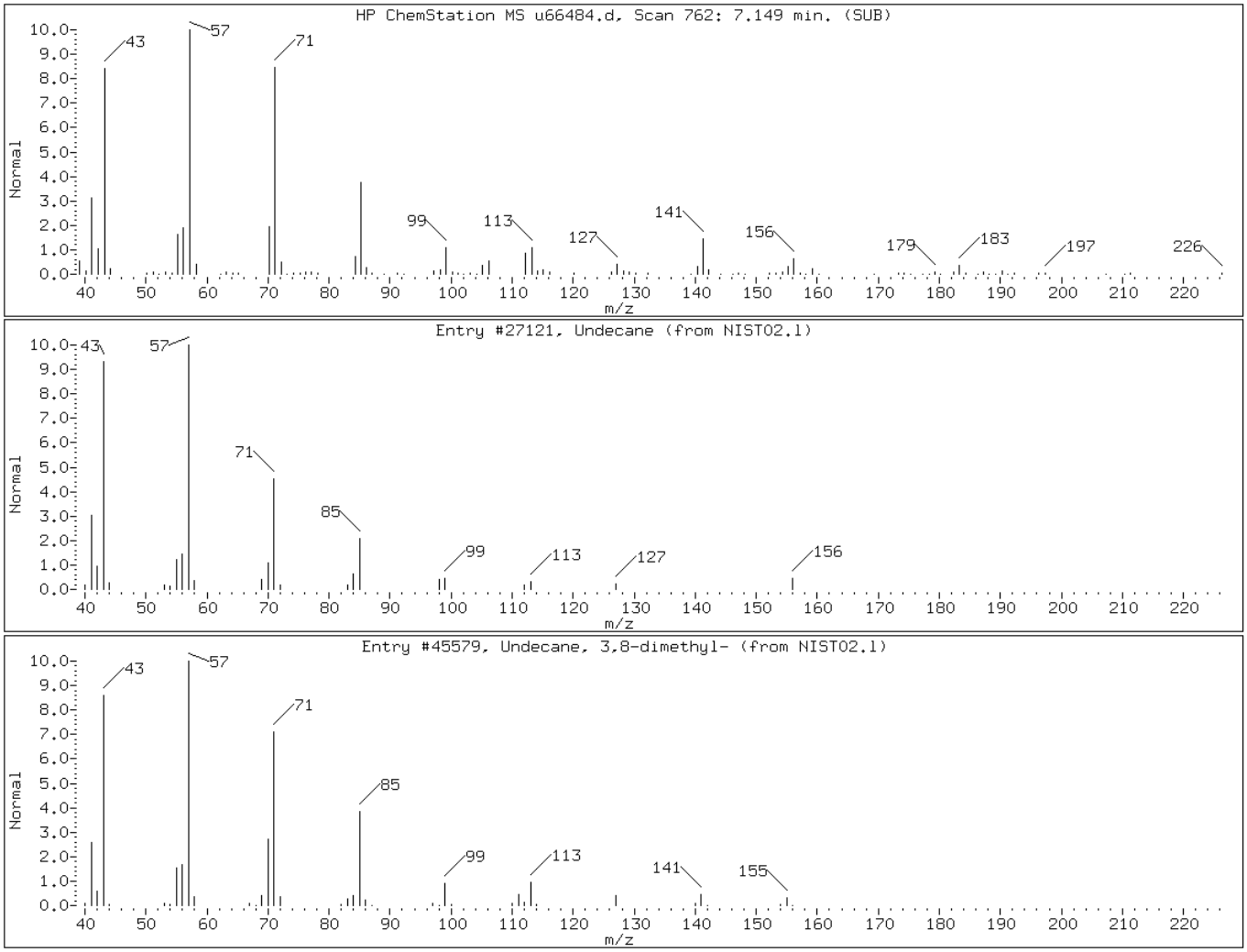
Date: 05-APR-2011 13:21

Client ID: PMP-5-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-18-E Operator: BNAMS 4

Retention Time: 7.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Undecane	1120-21-4	NIST02.l	27121	72	C11H24	156
Undecane, 3,8-dimethyl-	17301-30-3	NIST02.l	45579	72	C13H28	184



Data File: u66484.d

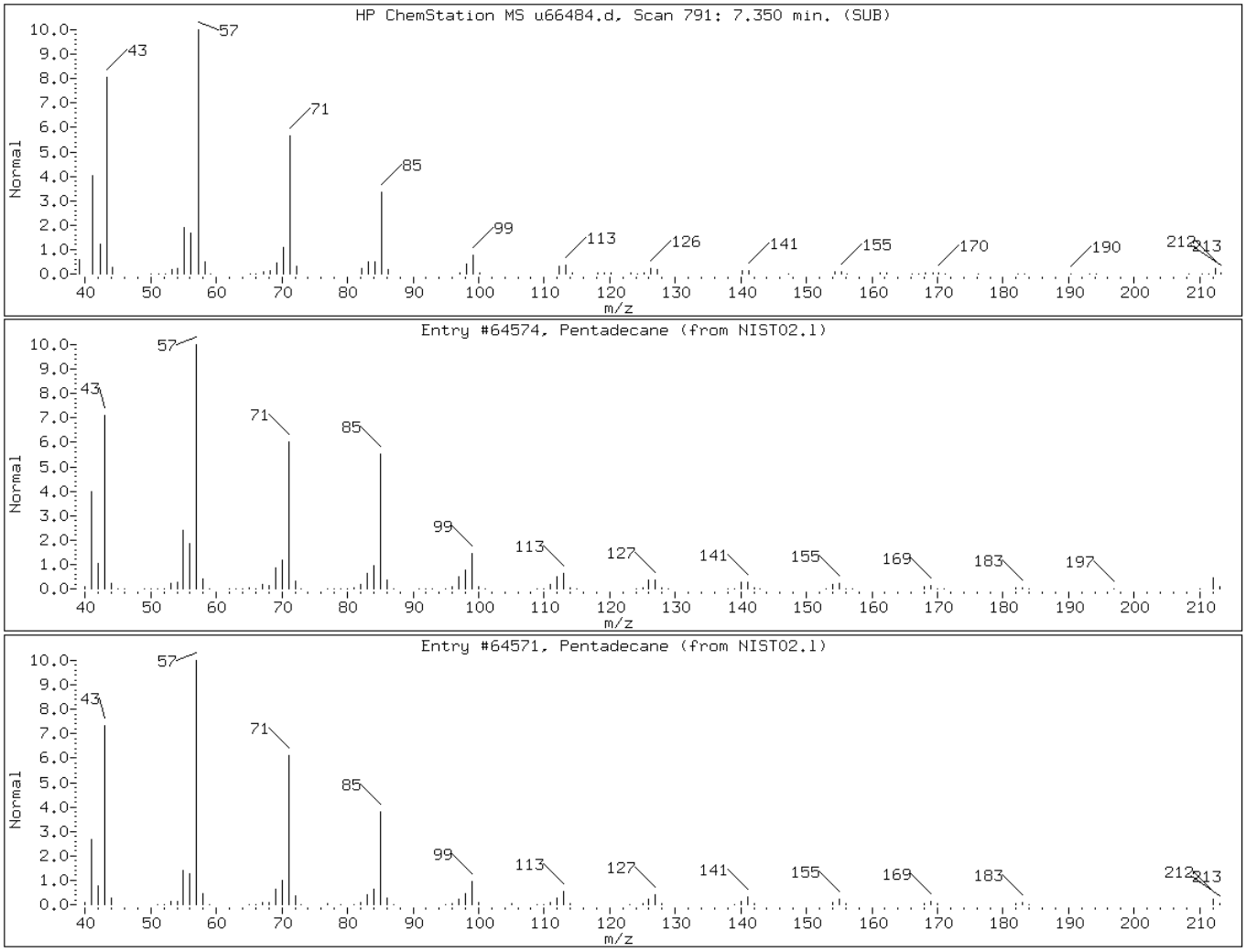
Date: 05-APR-2011 13:21

Client ID: PMP-5-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-18-E Operator: BNAMS 4

Retention Time: 7.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Pentadecane	629-62-9	NIST02.l	64574	95	C15H32	212
Pentadecane	629-62-9	NIST02.l	64571	91	C15H32	212



Data File: u66484.d

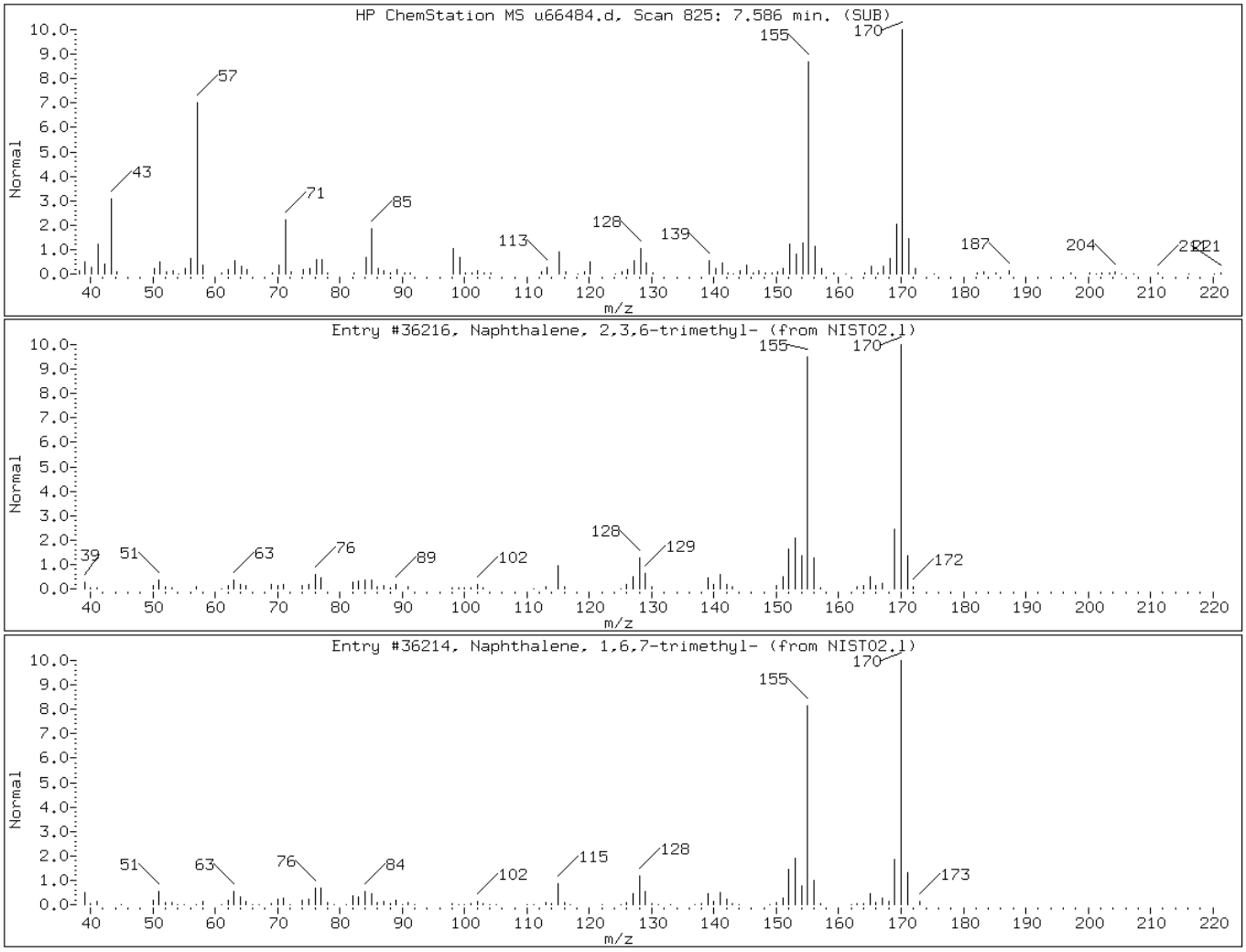
Date: 05-APR-2011 13:21

Client ID: PMP-5-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-18-E Operator: BNAMS 4

Retention Time: 7.59

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer						
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36216	93	C13H14	170
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36214	93	C13H14	170



Data File: u66484.d

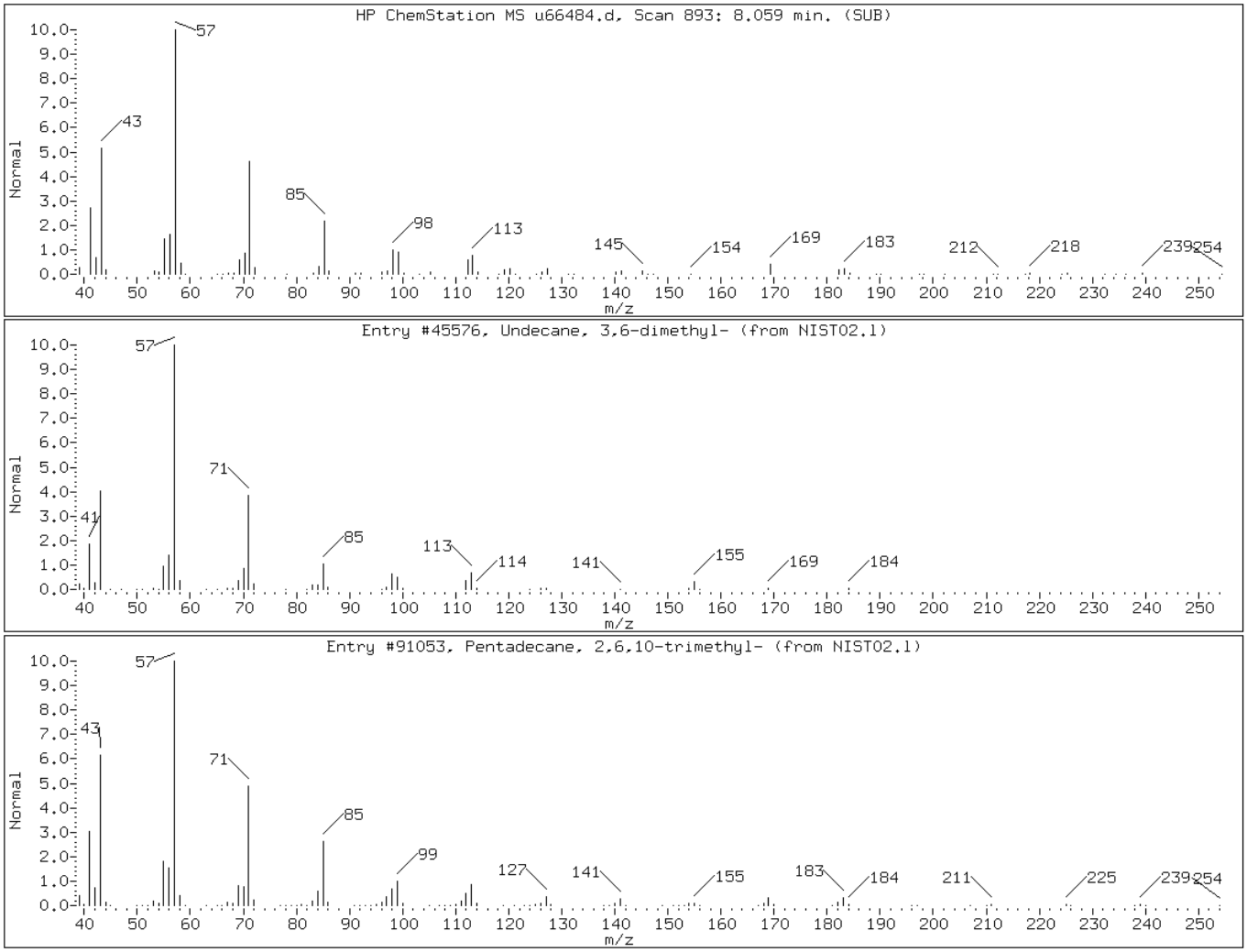
Date: 05-APR-2011 13:21

Client ID: PMP-5-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-18-E Operator: BNAMS 4

Retention Time: 8.06

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.l	45576	93	C13H28	184
Pentadecane, 2,6,10-trimethyl-	3892-00-0	NIST02.l	91053	91	C18H38	254



Data File: u66484.d

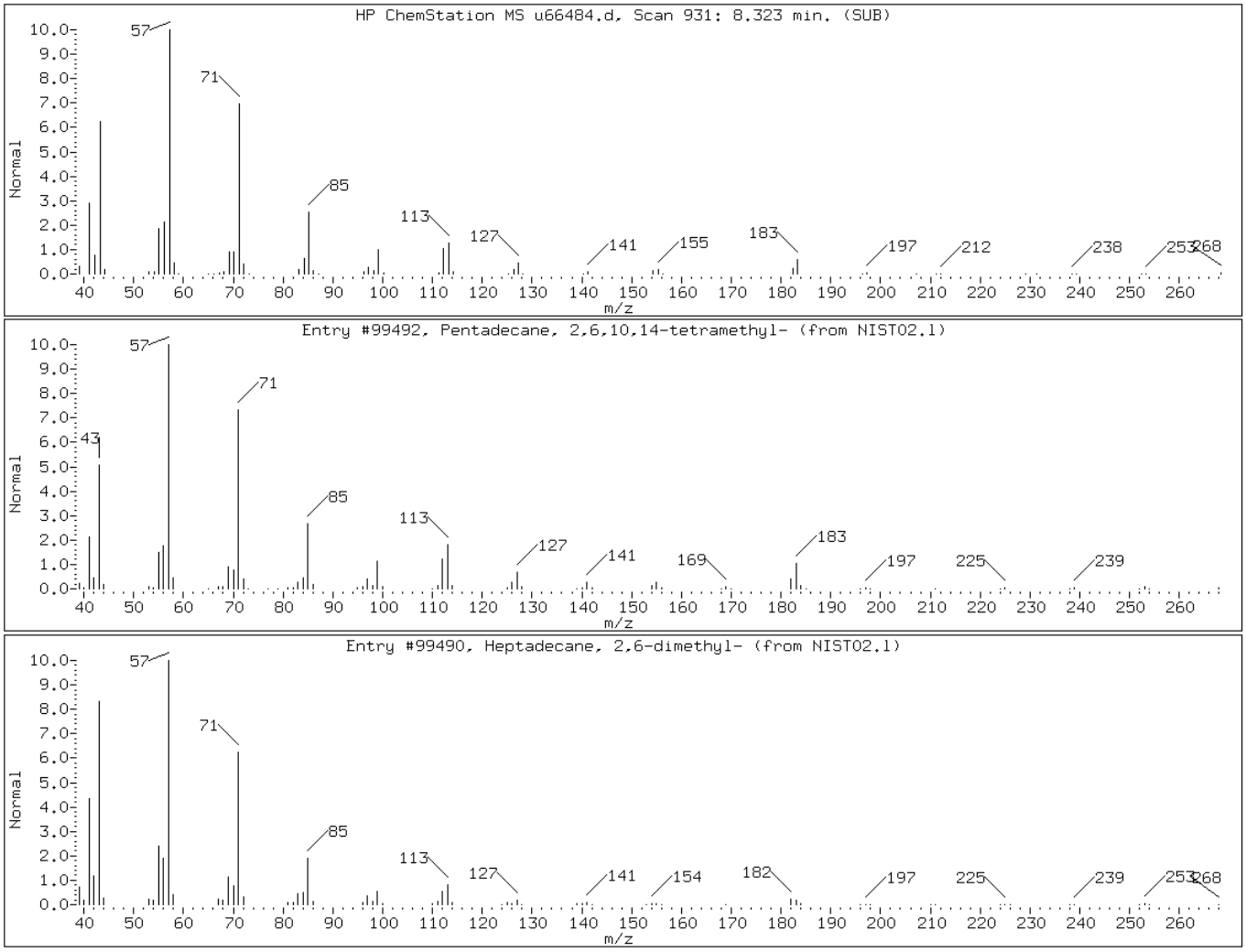
Date: 05-APR-2011 13:21

Client ID: PMP-5-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-18-E Operator: BNAMS 4

Retention Time: 8.32

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-14						
Pentadecane, 2,6,10,14-tetramethyl	1921-70-6	NIST02.l	99492	97	C19H40	268
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.l	99490	91	C19H40	268



Data File: u66484.d

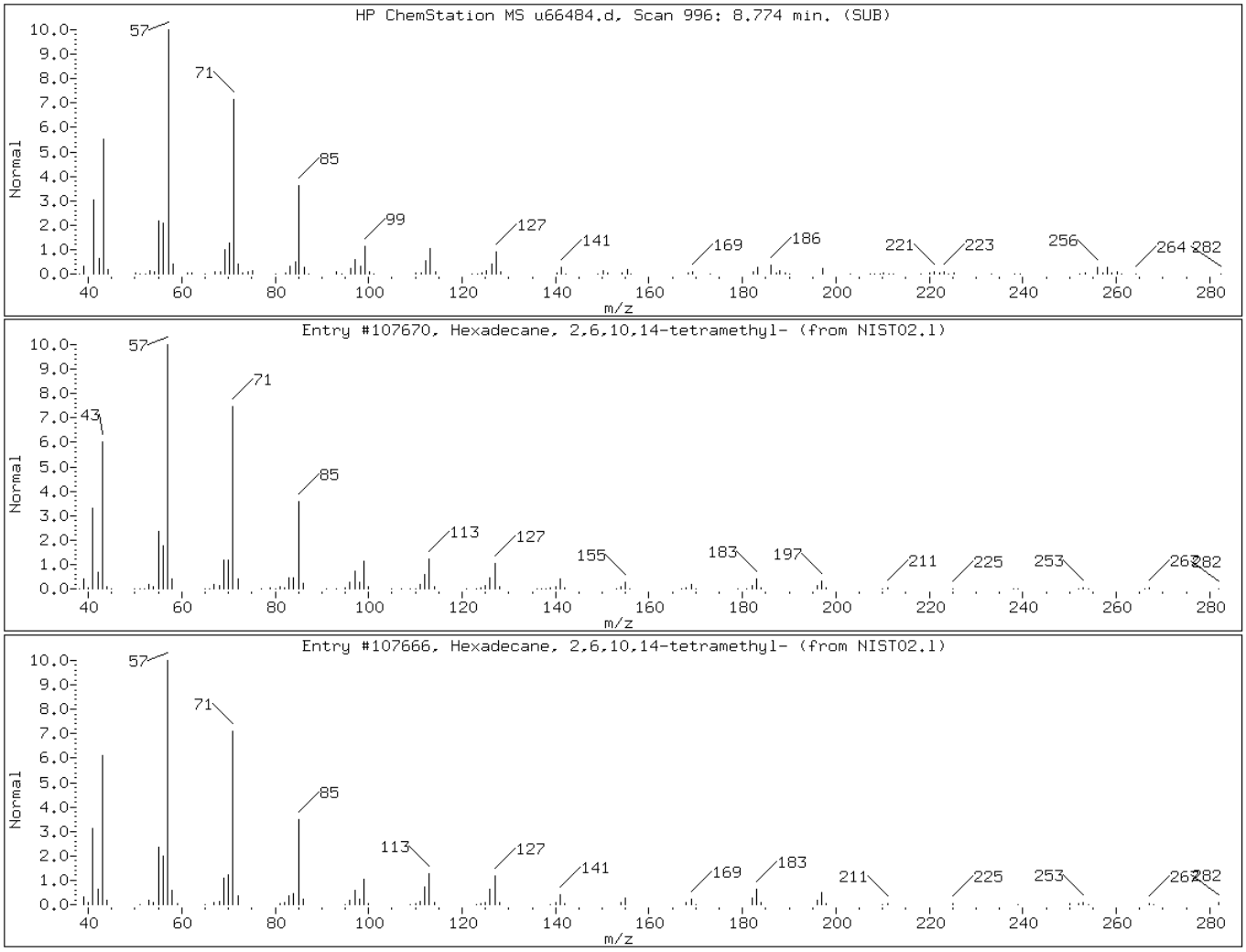
Date: 05-APR-2011 13:21

Client ID: PMP-5-WT-E (8-8.5) Instrument: BNAMS4.i

Sample Info: 460-24280-F-18-E Operator: BNAMS 4

Retention Time: 8.77

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	107670	91	C20H42	282
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107666	87	C20H42	282



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5SI-E (10.5-11) | Lab Sample ID: 460-24280-19

Matrix: Solid | Lab File ID: u66485.d

Analysis Method: 8270C | Date Collected: 03/17/2011 12:05

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.00(g) | Date Analyzed: 04/05/2011 13:43

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69824 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	1900	U	1900	240
95-57-8	2-Chlorophenol	1900	U	1900	260
95-48-7	2-Methylphenol	1900	U	1900	280
106-44-5	4-Methylphenol	1900	U	1900	310
100-52-7	Benzaldehyde	1900	U	1900	120
98-86-2	Acetophenone	1900	U	1900	290
111-44-4	Bis(2-chloroethyl)ether	190	U	190	40
108-60-1	2,2'-oxybis[1-chloropropane]	1900	U	1900	250
621-64-7	N-Nitrosodi-n-propylamine	190	U	190	25
98-95-3	Nitrobenzene	190	U	190	43
67-72-1	Hexachloroethane	190	U	190	32
78-59-1	Isophorone	1900	U	1900	220
88-75-5	2-Nitrophenol	1900	U	1900	320
105-67-9	2,4-Dimethylphenol	1900	U	1900	310
120-83-2	2,4-Dichlorophenol	1900	U	1900	310
111-91-1	Bis(2-chloroethoxy)methane	1900	U	1900	270
91-20-3	Naphthalene	11000		1900	280
106-47-8	4-Chloroaniline	1900	U	1900	240
87-68-3	Hexachlorobutadiene	390	U	390	78
105-60-2	Caprolactam	1900	U	1900	260
59-50-7	4-Chloro-3-methylphenol	1900	U	1900	320
91-57-6	2-Methylnaphthalene	28000		1900	280
118-74-1	Hexachlorobenzene	190	U	190	27
77-47-4	Hexachlorocyclopentadiene	1900	U	1900	560
88-06-2	2,4,6-Trichlorophenol	1900	U	1900	340
95-95-4	2,4,5-Trichlorophenol	1900	U	1900	370
92-52-4	Diphenyl	2600		1900	320
91-58-7	2-Chloronaphthalene	1900	U	1900	270
88-74-4	2-Nitroaniline	3900	U	3900	530
606-20-2	2,6-Dinitrotoluene	390	U	390	49
131-11-3	Dimethyl phthalate	1900	U	1900	260
208-96-8	Acenaphthylene	1900	U	1900	270
99-09-2	3-Nitroaniline	3900	U	3900	430
83-32-9	Acenaphthene	1400	J	1900	270

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5SI-E (10.5-11) | Lab Sample ID: 460-24280-19

Matrix: Solid | Lab File ID: u66485.d

Analysis Method: 8270C | Date Collected: 03/17/2011 12:05

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.00(g) | Date Analyzed: 04/05/2011 13:43

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69824 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5800	U	5800	490
51-28-5	2,4-Dinitrophenol	5800	U	5800	410
132-64-9	Dibenzofuran	1900	U	1900	290
84-66-2	Diethyl phthalate	1900	U	1900	260
86-73-7	Fluorene	2300		1900	330
206-44-0	Fluoranthene	1900	U	1900	320
84-74-2	Di-n-butyl phthalate	1900	U	1900	290
121-14-2	2,4-Dinitrotoluene	390	U	390	56
7005-72-3	4-Chlorophenyl phenyl ether	1900	U	1900	330
100-01-6	4-Nitroaniline	3900	U	3900	400
534-52-1	4,6-Dinitro-2-methylphenol	5800	U	5800	920
101-55-3	4-Bromophenyl phenyl ether	1900	U	1900	340
1912-24-9	Atrazine	1900	U	1900	360
120-12-7	Anthracene	1900	U	1900	340
86-74-8	Carbazole	1900	U	1900	310
85-01-8	Phenanthrene	5400		1900	340
87-86-5	Pentachlorophenol	5800	U	5800	940
129-00-0	Pyrene	1900	U	1900	330
218-01-9	Chrysene	1900	U	1900	280
207-08-9	Benzo[k]fluoranthene	190	U	190	27
191-24-2	Benzo[g,h,i]perylene	1900	U	1900	200
205-99-2	Benzo[b]fluoranthene	190	U	190	29
50-32-8	Benzo[a]pyrene	190	U	190	24
56-55-3	Benzo[a]anthracene	190	U	190	36
86-30-6	N-Nitrosodiphenylamine	1900	U	1900	310
85-68-7	Butyl benzyl phthalate	1900	U	1900	220
117-81-7	Bis(2-ethylhexyl) phthalate	1900	U	1900	260
117-84-0	Di-n-octyl phthalate	1900	U	1900	230
193-39-5	Indeno[1,2,3-cd]pyrene	190	U	190	31
53-70-3	Dibenz(a,h)anthracene	190	U	190	23
91-94-1	3,3'-Dichlorobenzidine	3900	U	3900	430
95-94-3	1,2,4,5-Tetrachlorobenzene	1900	U	1900	260
58-90-2	2,3,4,6-Tetrachlorophenol	1900	U	1900	380

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5SI-E (10.5-11) Lab Sample ID: 460-24280-19

Matrix: Solid Lab File ID: u66485.d

Analysis Method: 8270C Date Collected: 03/17/2011 12:05

Extract. Method: 3541 Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.00(g) Date Analyzed: 04/05/2011 13:43

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) Level: (low/med) Low

% Moisture: 14.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69824 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	125	X	38-105
4165-62-2	Phenol-d5	87		41-118
1718-51-0	Terphenyl-d14	82		16-151
118-79-6	2,4,6-Tribromophenol	77		10-120
367-12-4	2-Fluorophenol	84		37-125
321-60-8	2-Fluorobiphenyl	96		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5SI-E (10.5-11) | Lab Sample ID: 460-24280-19

Matrix: Solid | Lab File ID: u66485.d

Analysis Method: 8270C | Date Collected: 03/17/2011 12:05

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.00(g) | Date Analyzed: 04/05/2011 13:43

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 14.0 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69824 | Units: ug/Kg

Number TICs Found: 20 | TIC Result Total: 401000

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Ethyldimethylbenzene isomer	4.87	14000	J
	Unknown Alkane-1	4.95	19000	J
	Decahydromethylnaphthalene isomer	5.26	16000	J
	C10H12/C10H14 Aromatics	5.37	14000	J
	Unknown Alkane-2	5.72	20000	J
	Unknown Alkane-3	6.09	20000	J
	Unknown Alkane-4	6.26	14000	J
90-12-0	1-Methylnaphthalene	6.45	18000	
	Unknown Cycloalkane	6.56	13000	J
	Unknown Alkane-5	6.69	17000	J
	Unknown Alkane-6	6.83	23000	J
	Dimethylnaphthalene isomer	6.97	11000	J
575-41-7	1,3-Dimethylnaphthalene	7.05	27000	
	Unknown Alkane-8	7.15	31000	J
	Unknown Alkane-9	7.35	15000	J
	Trimethylnaphthalene isomer-2	7.59	12000	J
	Unknown Alkane-10	7.84	11000	J
	Unknown Alkane-11	8.06	20000	J
	Unknown Alkane-12	8.33	58000	J
	Unknown Alkane-13	8.78	28000	J

Data File: /chem/BNAMS4.i/8270T/04-02-11/05apr11a.b/u66485.d
Report Date: 07-Apr-2011 13:20

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/04-02-11/05apr11a.b/u66485.d
Lab Smp Id: 460-24280-F-19-C Client Smp ID: PMP-5SI-E (10.5-11)
Inj Date : 05-APR-2011 13:43
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-24280-F-19-C
Misc Info : 460-24280-F-19-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/04-02-11/05apr11a.b/8270C_08SP.m
Meth Date : 05-Apr-2011 10:55 croccom Quant Type: ISTD
Cal Date : 02-APR-2011 11:46 Cal File: u66408.d
Als bottle: 9
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	15.00000	Weight of sample extracted (g)
M	13.95349	% 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	3.039	3.040	(0.702)	174939	16.7019	6500
$	17 Phenol-d5 (SUR)	99	3.952	3.987	(0.913)	211855	17.4899	6800
	113 n-decane	43	4.181	4.185	(0.966)	234661	24.7731	9600
	21 1,3-Dichlorobenzene	146	4.270	4.288	(0.986)	5909	0.76374	300(a)
*	79 1,4-Dichlorobenzene-d4	152	4.330	4.339	(1.000)	199448	40.0000	
	22 1,4-Dichlorobenzene	146	4.345	4.360	(1.003)	28120	4.01979	1600(a)
	23 1,2-Dichlorobenzene	146	4.500	4.514	(1.039)	10856	1.56863	610(a)
$	76 Nitrobenzene-d5 (SUR)	82	4.884	4.905	(0.870)	78335	12.5287	4800(R)
	30 1,2,4-Trichlorobenzene	180	5.566	5.576	(0.991)	14643	3.18337	1200
*	80 Naphthalene-d8	136	5.616	5.628	(1.000)	564556	40.0000	
	31 Naphthalene	128	5.639	5.651	(1.004)	394277	27.7346	11000
	34 2-Methylnaphthalene	142	6.348	6.343	(1.130)	719358	72.8619	28000
	120 1-Methylnaphthalene	142	6.445	6.447	(1.148)	419743	47.2159	18000

Data File: /chem/BNAMS4.i/8270T/04-02-11/05apr11a.b/u66485.d
Report Date: 07-Apr-2011 13:20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/Kg)
$	77 2-Fluorobiphenyl (SUR)	172	6.705	6.712	(0.908)	94527	9.62957	3700
	102 Diphenyl	154	6.806	6.816	(0.922)	67608	6.62982	2600
	125 1,3-Dimethylnaphthalene	156	7.051	7.051	(0.955)	486696	68.5382	26000
*	82 Acenaphthene-d10	164	7.385	7.386	(1.000)	294745	40.0000	
	42 Acenaphthene	154	7.412	7.416	(1.004)	24706	3.67706	1400(a)
	47 Fluorene	166	7.919	7.925	(1.072)	48073	5.94415	2300
$	18 2,4,6-Tribromophenol (SUR)	330	8.155	8.162	(1.104)	23025	15.4360	6000
	115 n-Octadecane	57	8.740	8.743	(0.988)	91169	10.2788	4000
*	83 Phenanthrene-d10	188	8.844	8.845	(1.000)	366500	40.0000	
	52 Phenanthrene	178	8.865	8.867	(1.002)	149077	13.9153	5400
$	78 Terphenyl-d14	244	10.397	10.410	(0.899)	87285	8.19409	3200
*	81 Chrysene-d12	240	11.565	11.591	(1.000)	393524	40.0000	
*	84 Perylene-d12	264	13.464	13.477	(1.000)	311359	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: /chem/BNAMS4.i/8270T/04-02-11/05apr11a.b/u66485.d
Report Date: 07-Apr-2011 13:20

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS4.i/8270T/04-02-11/05apr11a.b/u66485.d
Lab Smp Id: 460-24280-F-19-C Client Smp ID: PMP-5SI-E (10.5-11)
Inj Date : 05-APR-2011 13:43
Operator : BNAMS 4 Inst ID: BNAMS4.i
Smp Info : 460-24280-F-19-C
Misc Info : 460-24280-F-19-C
Comment   :
Method   : /chem/BNAMS4.i/8270T/04-02-11/05apr11a.b/8270C_08SP.m
Meth Date : 05-Apr-2011 10:55 croccom Quant Type: ISTD
Cal Date : 02-APR-2011 11:46 Cal File: u66408.d
Als bottle: 9
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	15.00000	Weight of sample extracted (g)
M	13.95349	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 79 1,4-Dichlorobenzene-d4	4.330	1486704	40.000
* 82 Acenaphthene-d10	7.385	2467319	40.000
* 83 Phenanthrene-d10	8.844	1120026	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Ethyldimethylbenzene isomer					CAS #:		
4.869	1311630	35.2895752	14000	0		0	79

Data File: /chem/BNAMS4.i/8270T/04-02-11/05apr11a.b/u66485.d
Report Date: 07-Apr-2011 13:20

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-1					CAS #:		
4.952	1785013	48.0260166	19000	0		0	79
Decahydromethylnaphthalene isomer					CAS #:		
5.261	1498851	40.3267824	16000	0		0	79
C10H12/C10H14 Aromatics					CAS #:		
5.366	1333179	35.8693749	14000	0		0	79
Unknown Alkane-2					CAS #:		
5.721	1921923	51.7096115	20000	0		0	79
Unknown Alkane-3					CAS #:		
6.091	3109050	50.4036884	20000	0		0	82
Unknown Alkane-4					CAS #:		
6.260	2212627	35.8709536	14000	0		0	82
Unknown Cycloalkane					CAS #:		
6.558	2060646	33.4070355	13000	0		0	82
Unknown Alkane-5					CAS #:		
6.690	2754685	44.6587448	17000	0		0	82
Unknown Alkane-6					CAS #:		
6.827	3668345	59.4709355	23000	0		0	82
Ethylnaphthalene isomer					CAS #:		
6.900	1380023	22.3728317	8700	0		0	82
Dimethylnaphthalene isomer					CAS #:		
6.972	1760990	28.5490431	11000	0		0	82
Unknown Alkane-7					CAS #:		
7.079	1737490	28.1680617	11000	0		0	82
Unknown-1					CAS #:		
7.100	1299284	21.0639009	8200	0		0	82
Unknown Alkane-8					CAS #:		
7.150	4894098	79.3427637	31000	0		0	82
Unknown-2					CAS #:		
7.301	1396244	22.6358041	8800	0		0	82

Data File: /chem/BNAMS4.i/8270T/04-02-11/05apr11a.b/u66485.d
Report Date: 07-Apr-2011 13:20

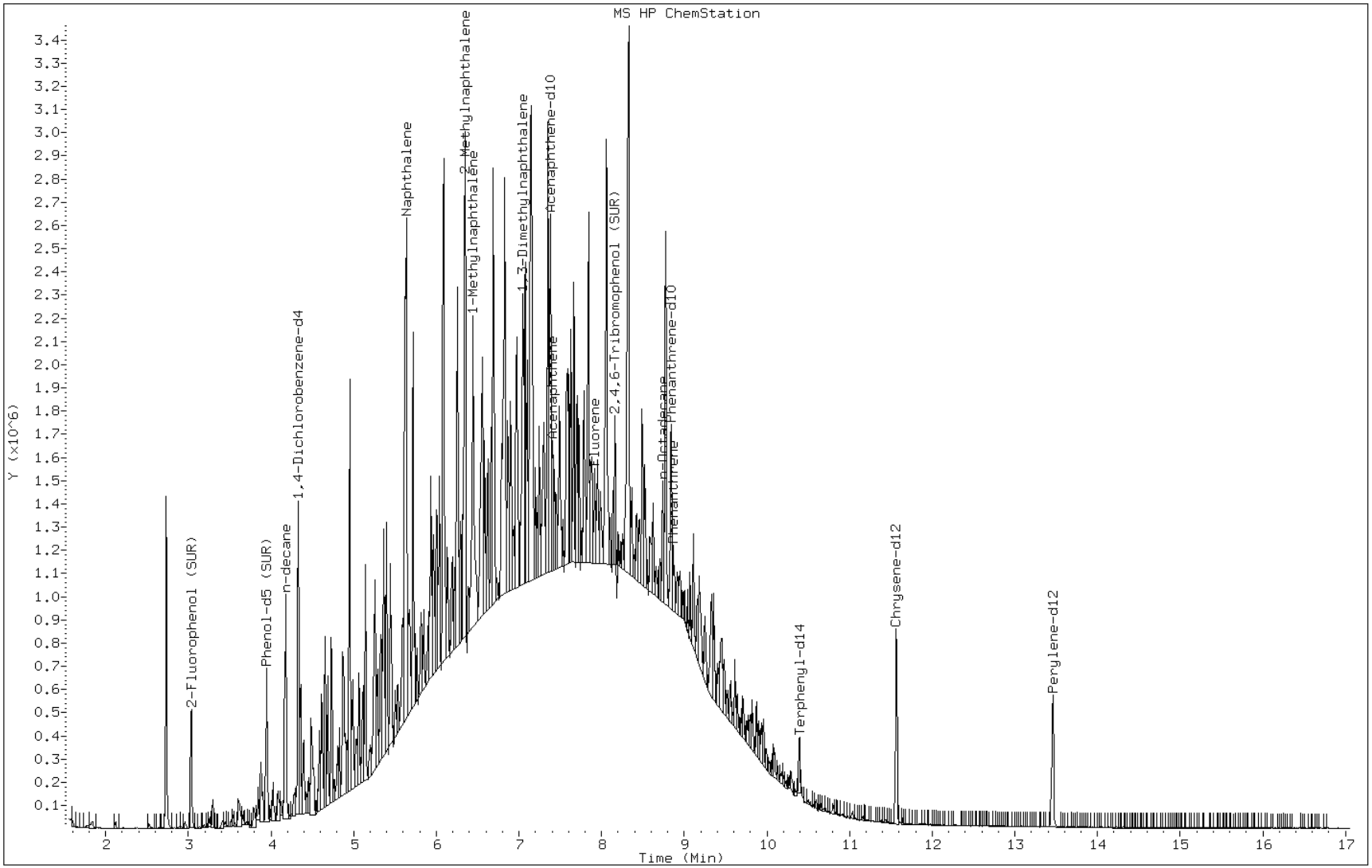
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Alkane-9					CAS #:		
7.350	2410139	39.0729961	15000	0		0	82
Trimethylnaphthalene isomer-1					CAS #:		
7.489	1297451	21.0341773	8100	0		0	82
Trimethylnaphthalene isomer-2					CAS #:		
7.586	1862523	30.1950817	12000	0		0	82
Trimethylnaphthalene isomer-3					CAS #:		
7.628	1275014	20.6704267	8000	0		0	82
Unknown-3					CAS #:		
7.662	1378712	22.3515783	8600	0		0	82
Trimethylnaphthalene isomer-4					CAS #:		
7.787	1226054	19.8767042	7700	0		0	82
Unknown Alkane-10					CAS #:		
7.842	1793958	29.0835218	11000	0		0	82
Unknown Alkane-11					CAS #:		
8.058	3105038	50.3386464	20000	0		0	82
Unknown Alkane-12					CAS #:		
8.329	4226609	150.946737	58000	0		0	83
Unknown Alkane-13					CAS #:		
8.775	2032746	72.5963571	28000	0		0	83

Data File: u66485.d

Date: 05-APR-2011 13:43

Client ID: PMP-5SI-E (10.5-11) Instrument: BNAMS4.i

Sample Info: 460-24280-F-19-C Operator: BNAMS 4



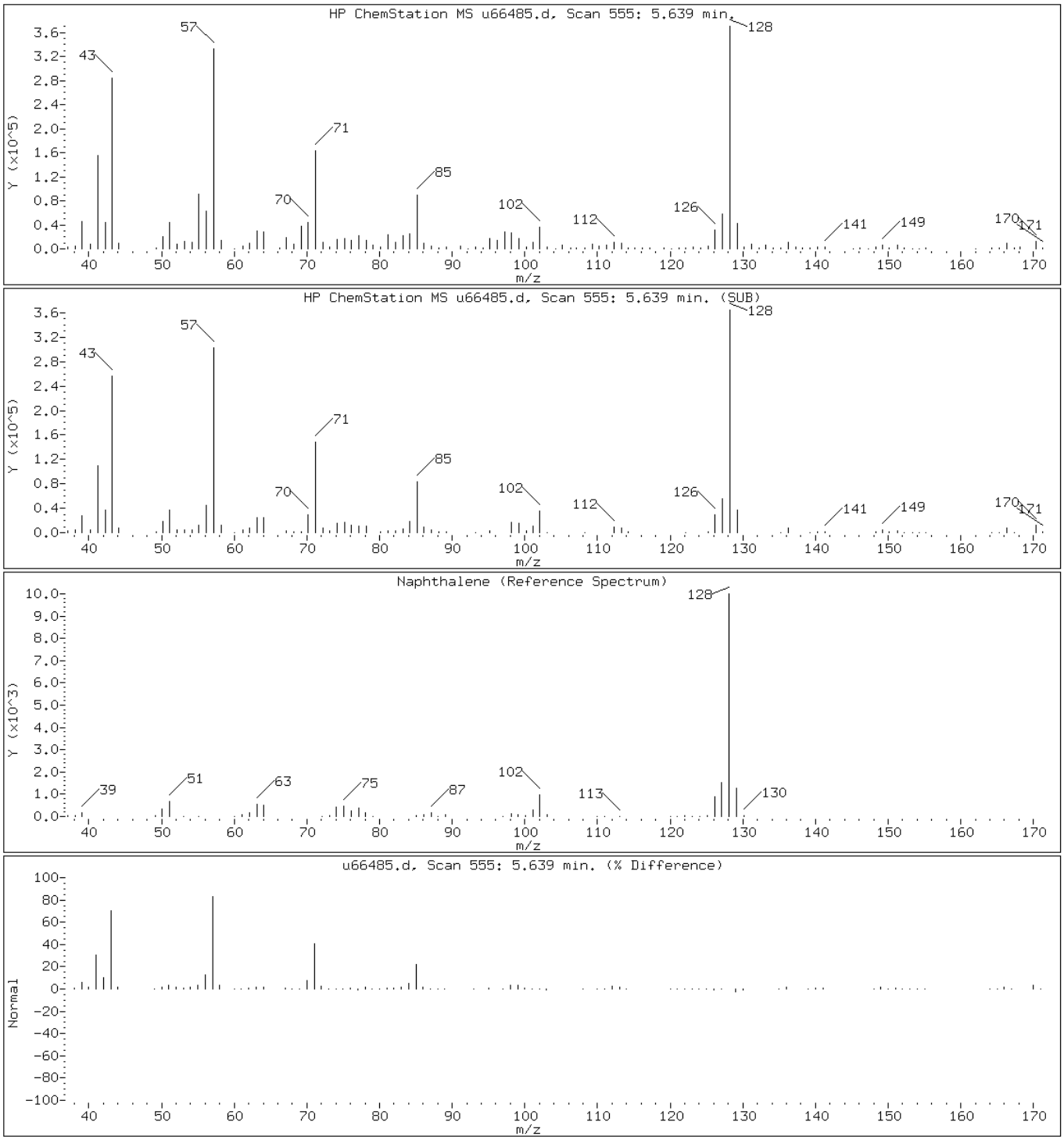
Data File: u66485.d

Date: 05-APR-2011 13:43

Client ID: PMP-5SI-E (10.5-11) Instrument: BNAMS4.i

Sample Info: 460-24280-F-19-C Operator: BNAMS 4

31 Naphthalene



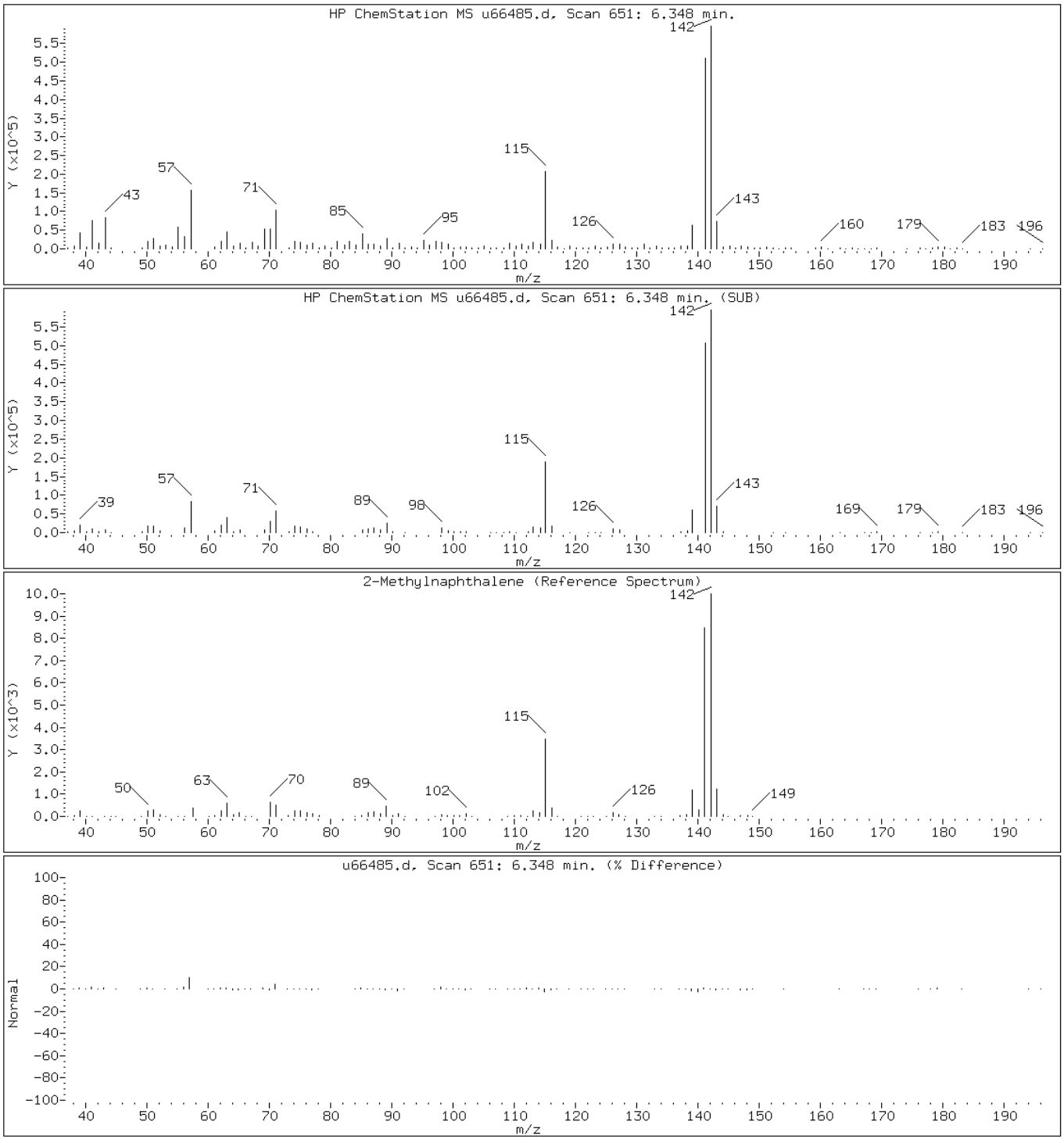
Data File: u66485.d

Date: 05-APR-2011 13:43

Client ID: PMP-5SI-E (10.5-11) Instrument: BNAMS4.i

Sample Info: 460-24280-F-19-C Operator: BNAMS 4

34 2-Methylnaphthalene



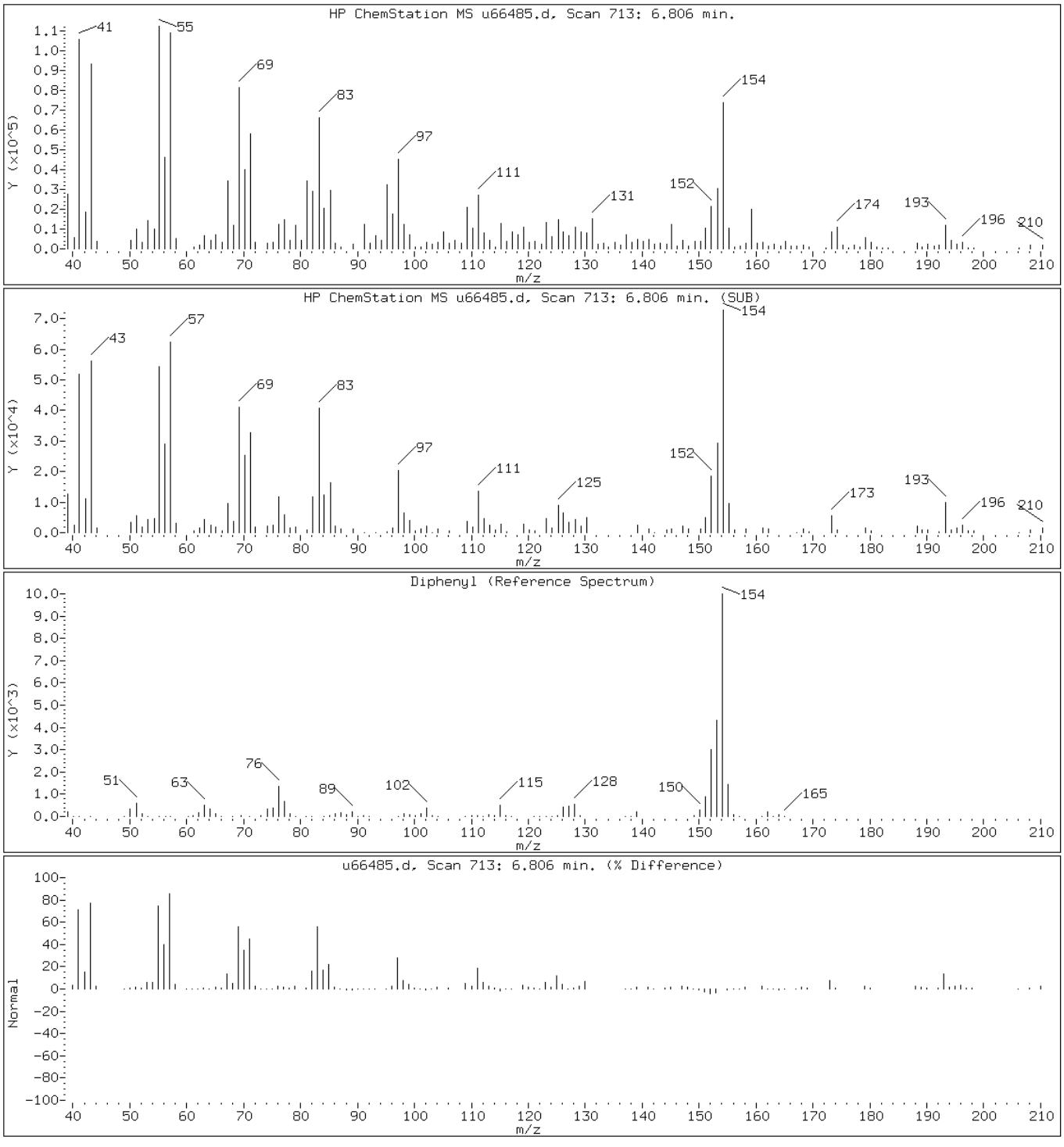
Data File: u66485.d

Date: 05-APR-2011 13:43

Client ID: PMP-5SI-E (10.5-11) Instrument: BNAMS4.i

Sample Info: 460-24280-F-19-C Operator: BNAMS 4

102 Diphenyl



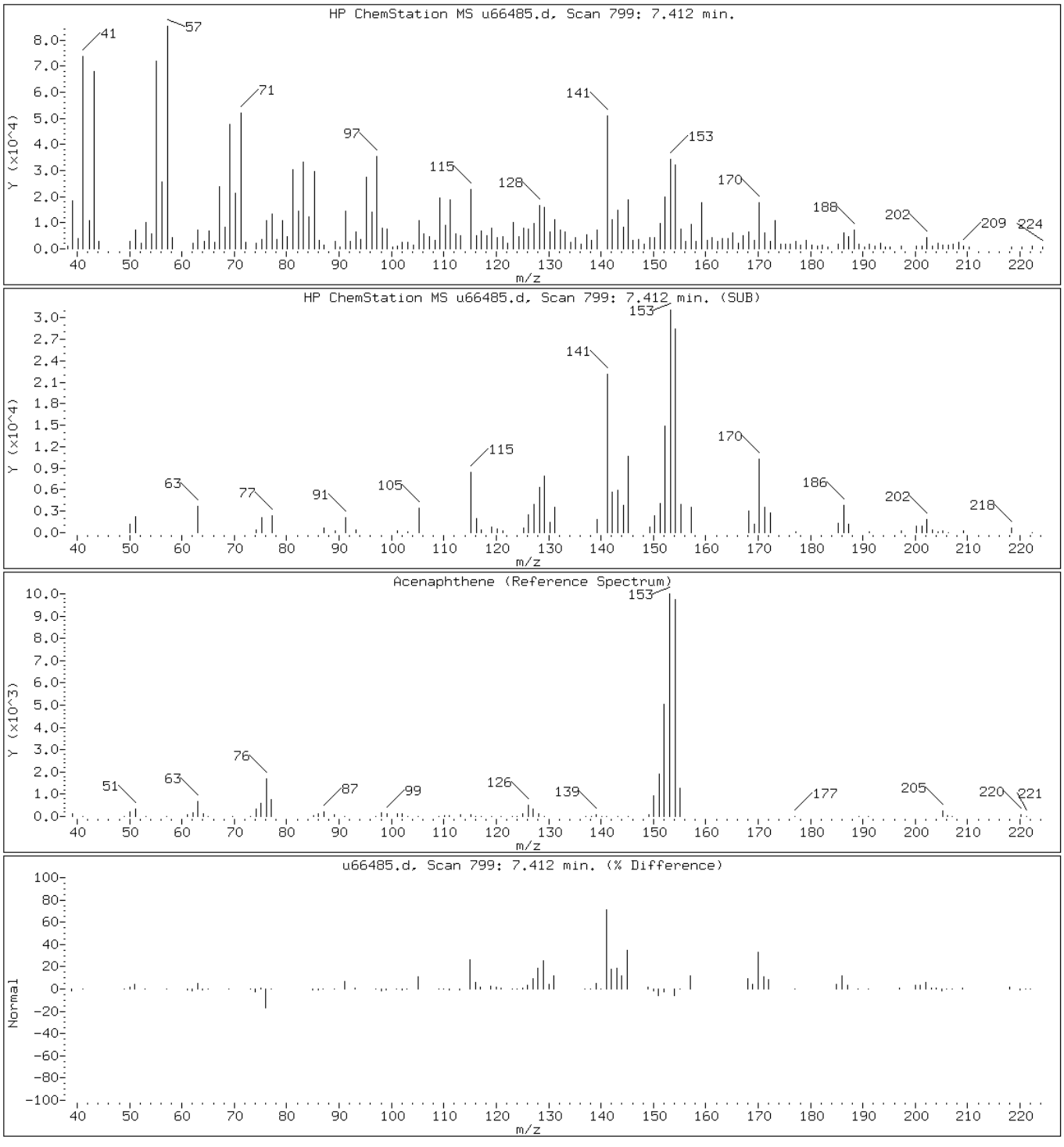
Data File: u66485.d

Date: 05-APR-2011 13:43

Client ID: PMP-5SI-E (10.5-11) Instrument: BNAMS4.i

Sample Info: 460-24280-F-19-C Operator: BNAMS 4

42 Acenaphthene



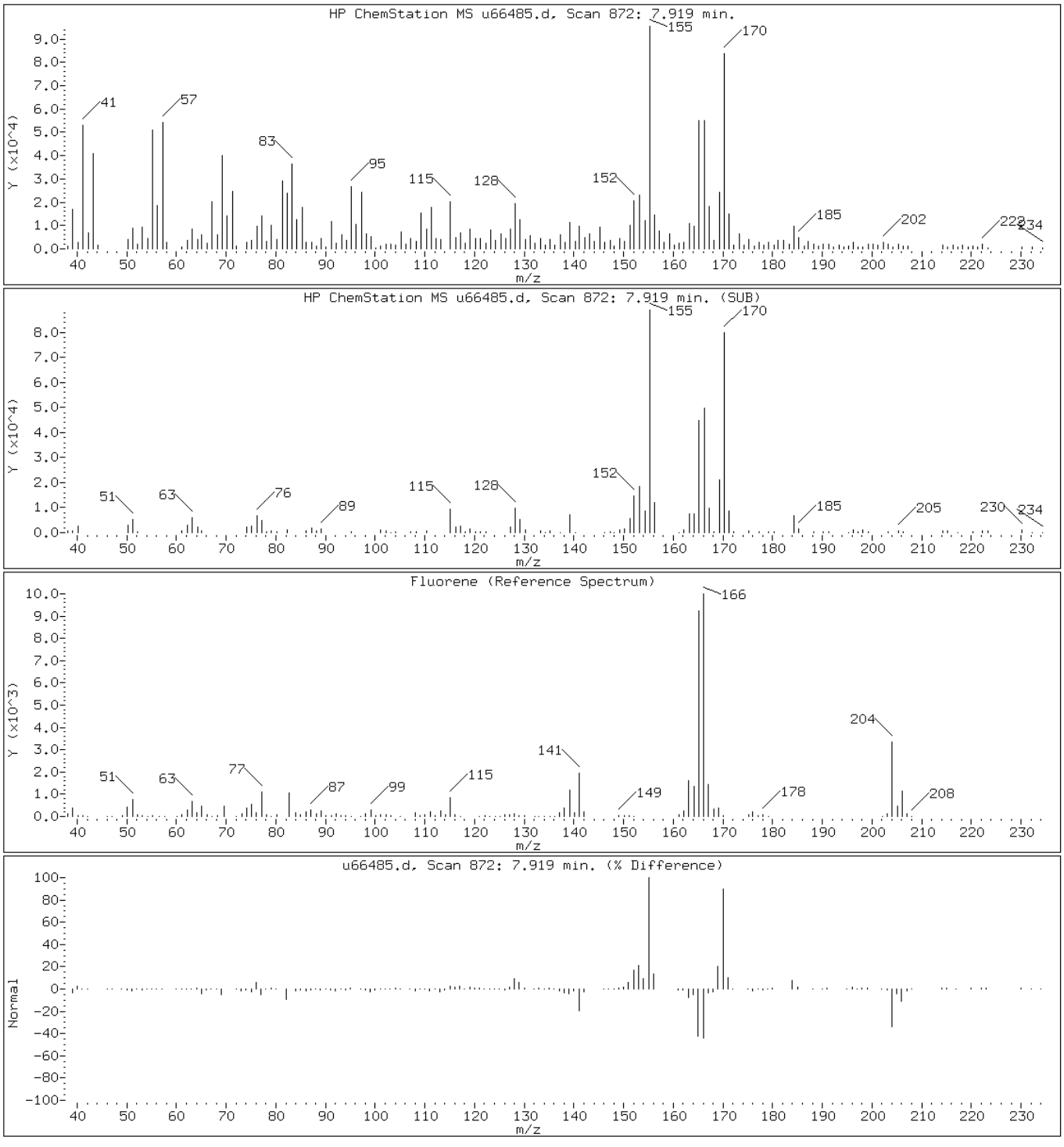
Data File: u66485.d

Date: 05-APR-2011 13:43

Client ID: PMP-5SI-E (10.5-11) Instrument: BNAMS4.i

Sample Info: 460-24280-F-19-C Operator: BNAMS 4

47 Fluorene



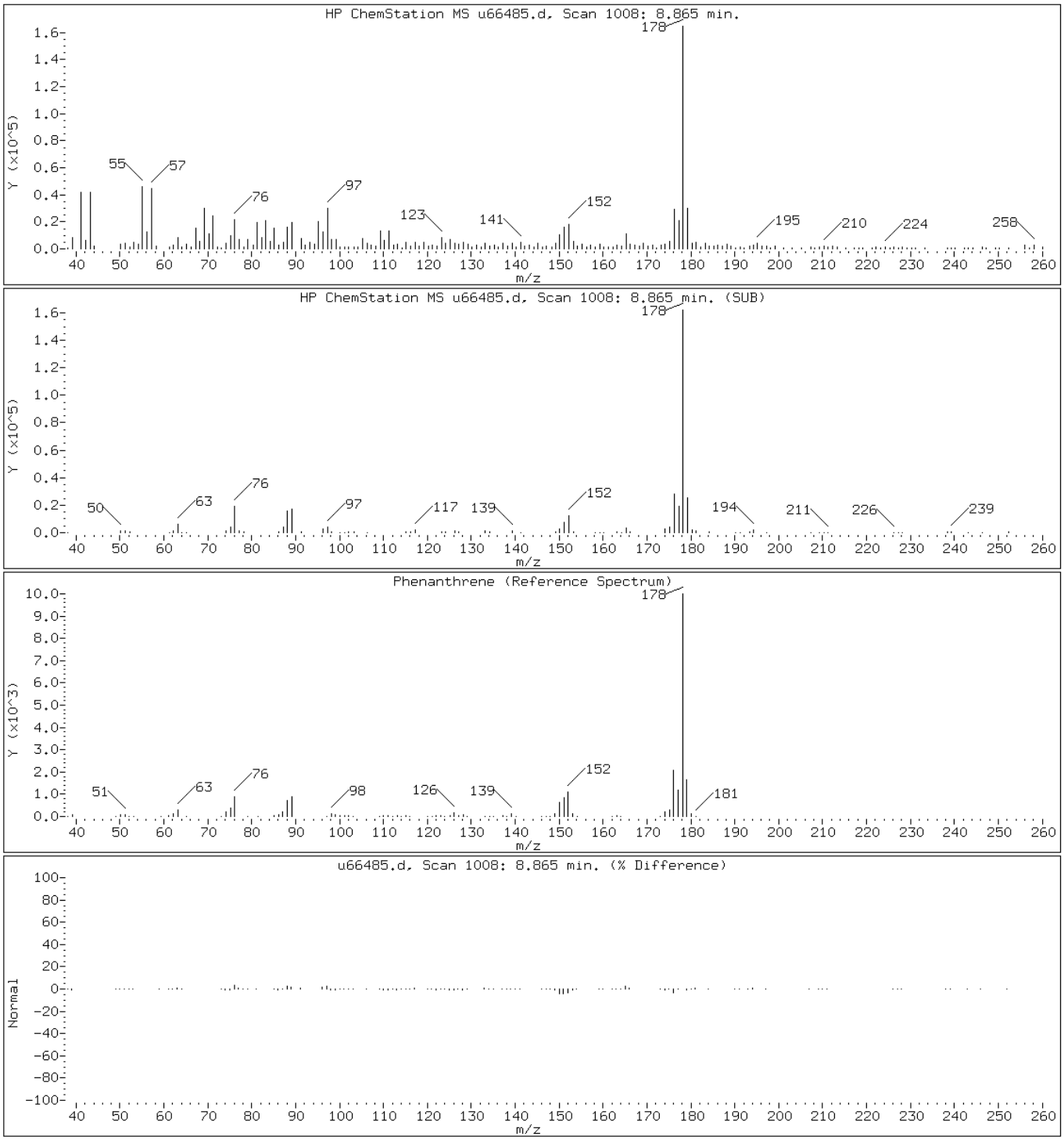
Data File: u66485.d

Date: 05-APR-2011 13:43

Client ID: PMP-5SI-E (10.5-11) Instrument: BNAMS4.i

Sample Info: 460-24280-F-19-C Operator: BNAMS 4

52 Phenanthrene



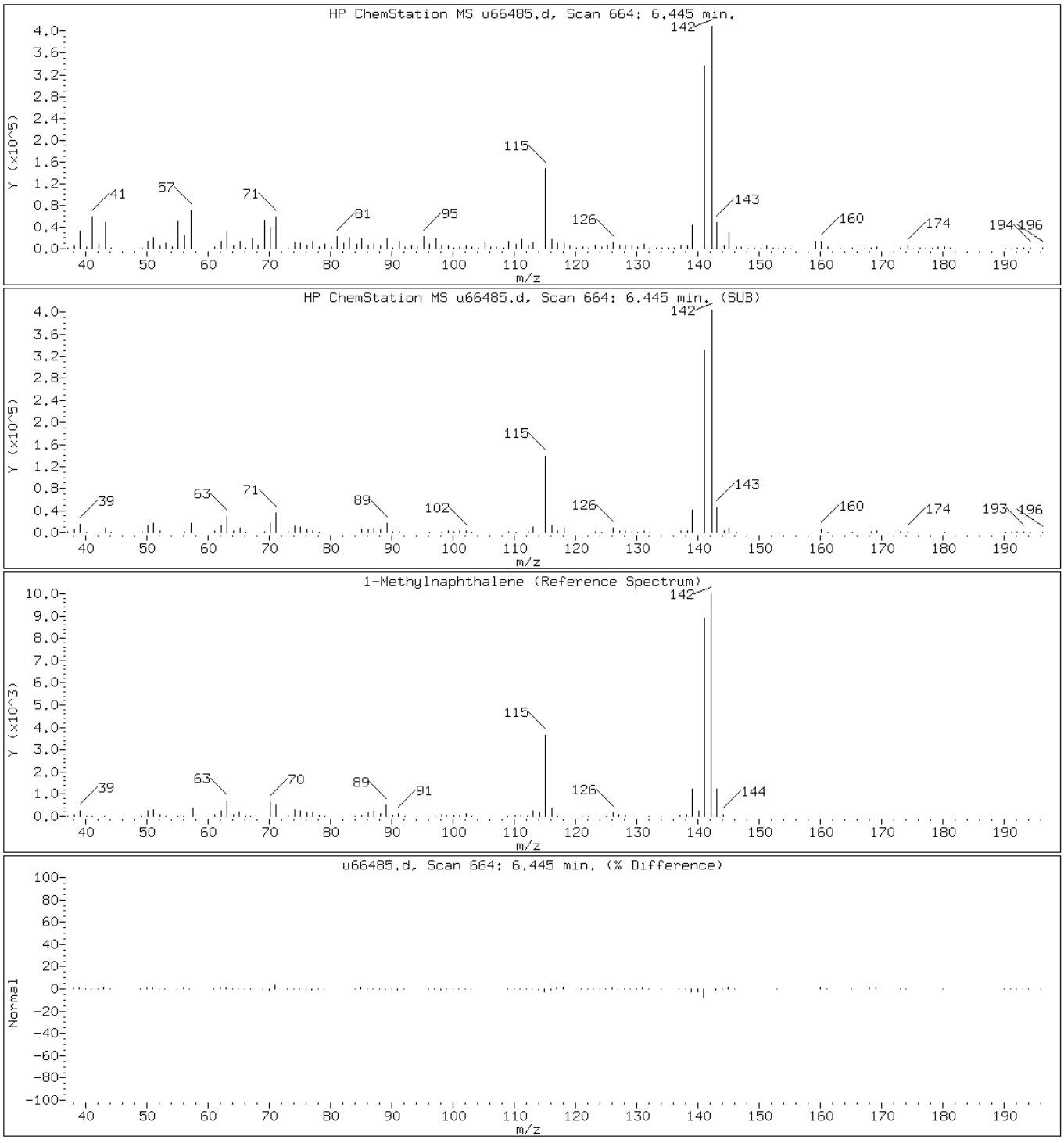
Data File: u66485.d

Date: 05-APR-2011 13:43

Client ID: PMP-5SI-E (10.5-11) Instrument: BNAMS4.i

Sample Info: 460-24280-F-19-C Operator: BNAMS 4

120 1-Methylnaphthalene



Data File: u66485.d

Date: 05-APR-2011 13:43

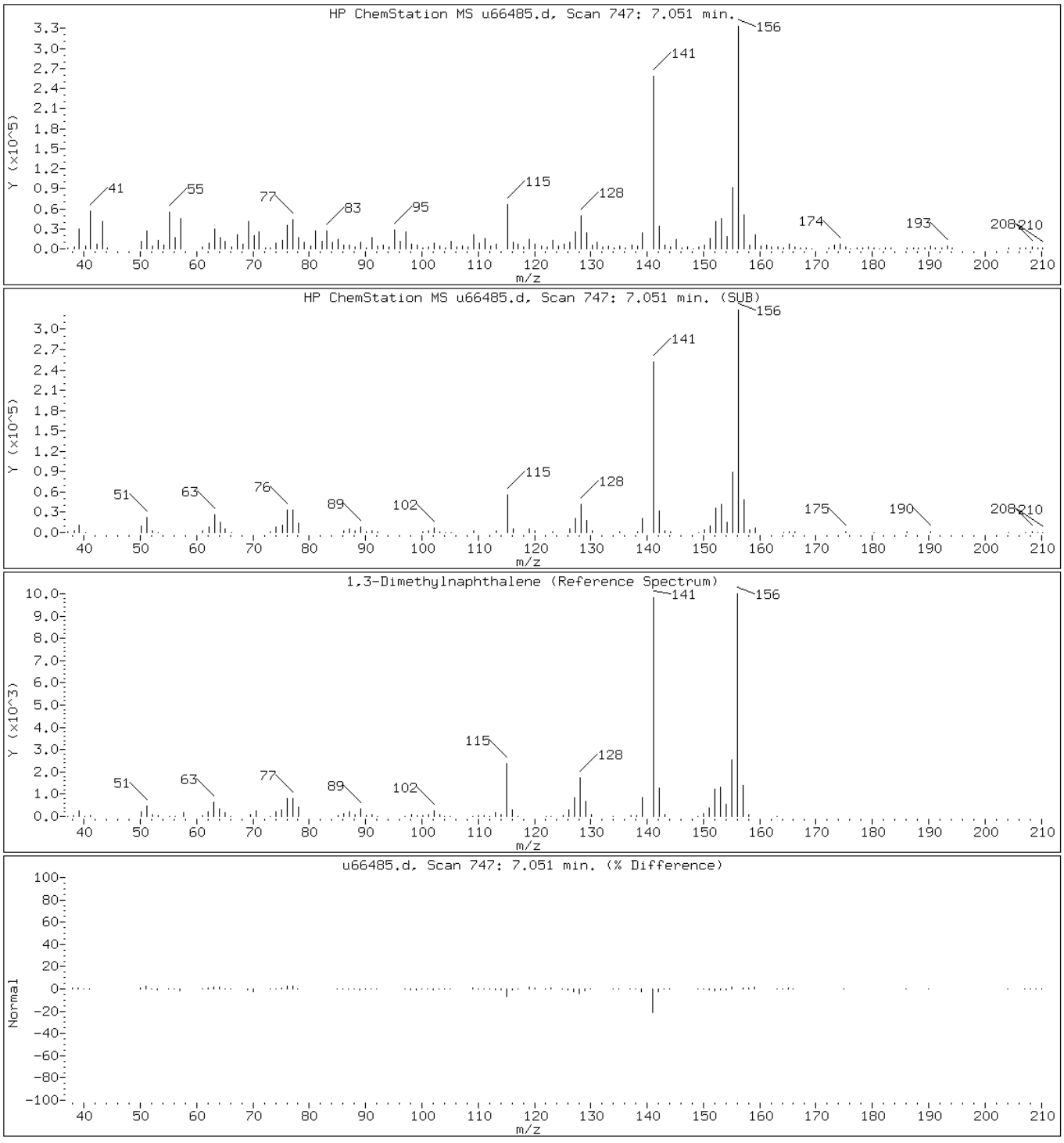
Client ID: PMP-5SI-E (10.5-11)

Instrument: BNAMS4.i

Sample Info: 460-24280-F-19-C

Operator: BNAMS 4

125 1,3-Dimethylnaphthalene



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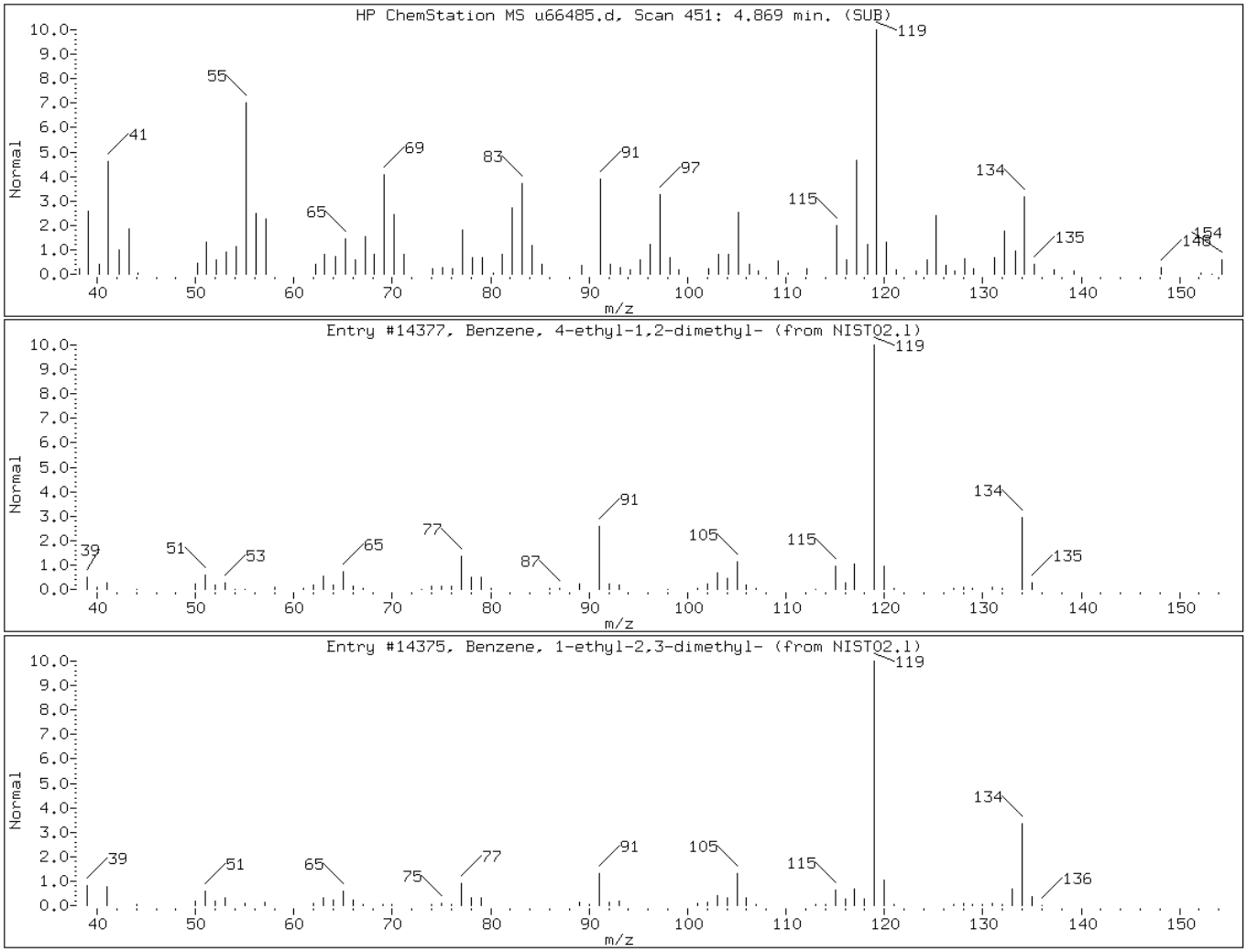
Date: 05-APR-2011 13:43

Client ID: PMP-5SI-E (10.5-11) Instrument: BNAMS4.i

Sample Info: 460-24280-F-19-C Operator: BNAMS 4

Retention Time: 4.87

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyldimethylbenzene isomer						
Benzene, 4-ethyl-1,2-dimethyl-	934-80-5	NIST02.l	14377	55	C10H14	134
Benzene, 1-ethyl-2,3-dimethyl-	933-98-2	NIST02.l	14375	55	C10H14	134



Data File: u66485.d

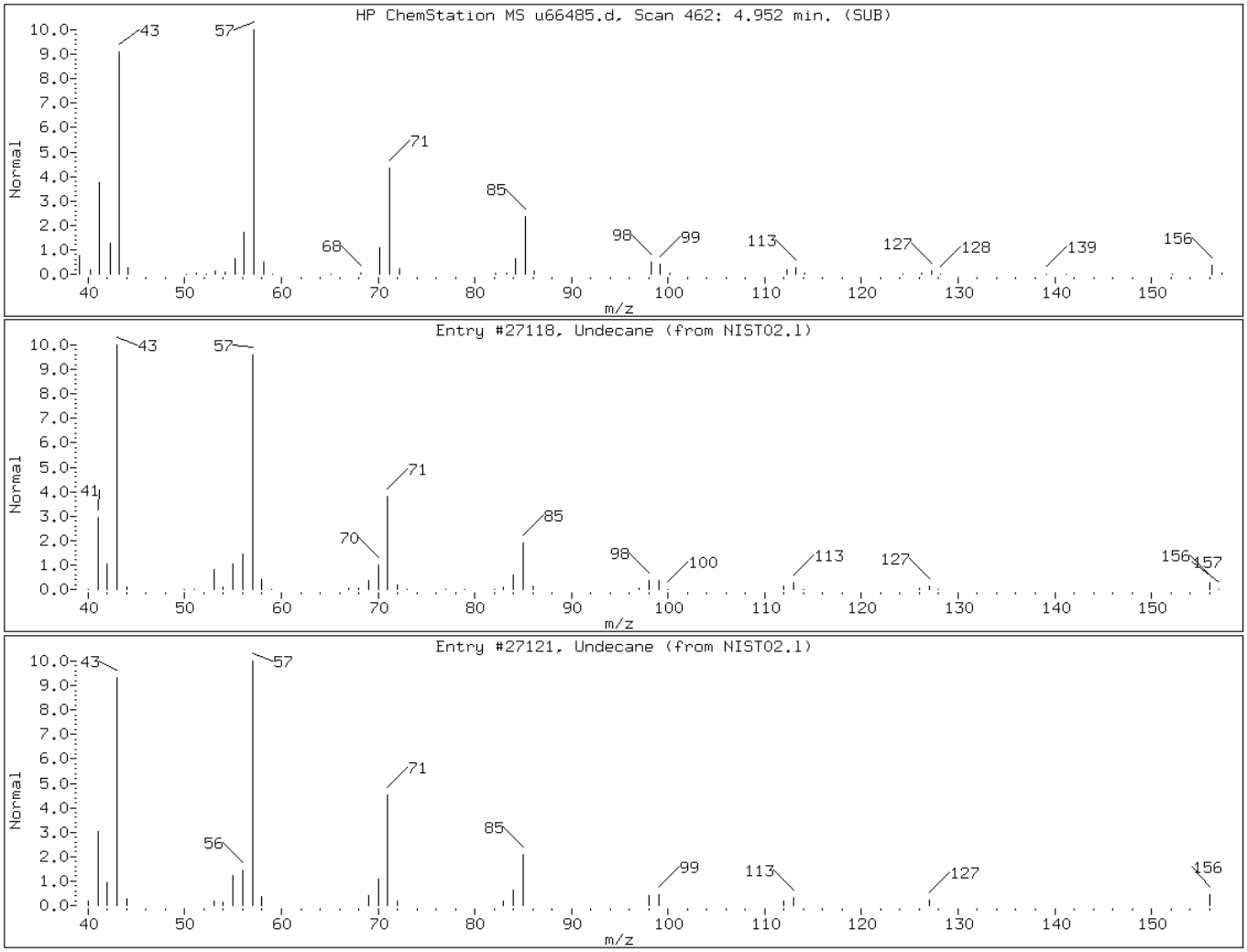
Date: 05-APR-2011 13:43

Client ID: PMP-5SI-E (10.5-11) Instrument: BNAMS4.i

Sample Info: 460-24280-F-19-C Operator: BNAMS 4

Retention Time: 4.95

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-1						
Undecane	1120-21-4	NIST02.l	27118	97	C11H24	156
Undecane	1120-21-4	NIST02.l	27121	94	C11H24	156



Data File: u66485.d

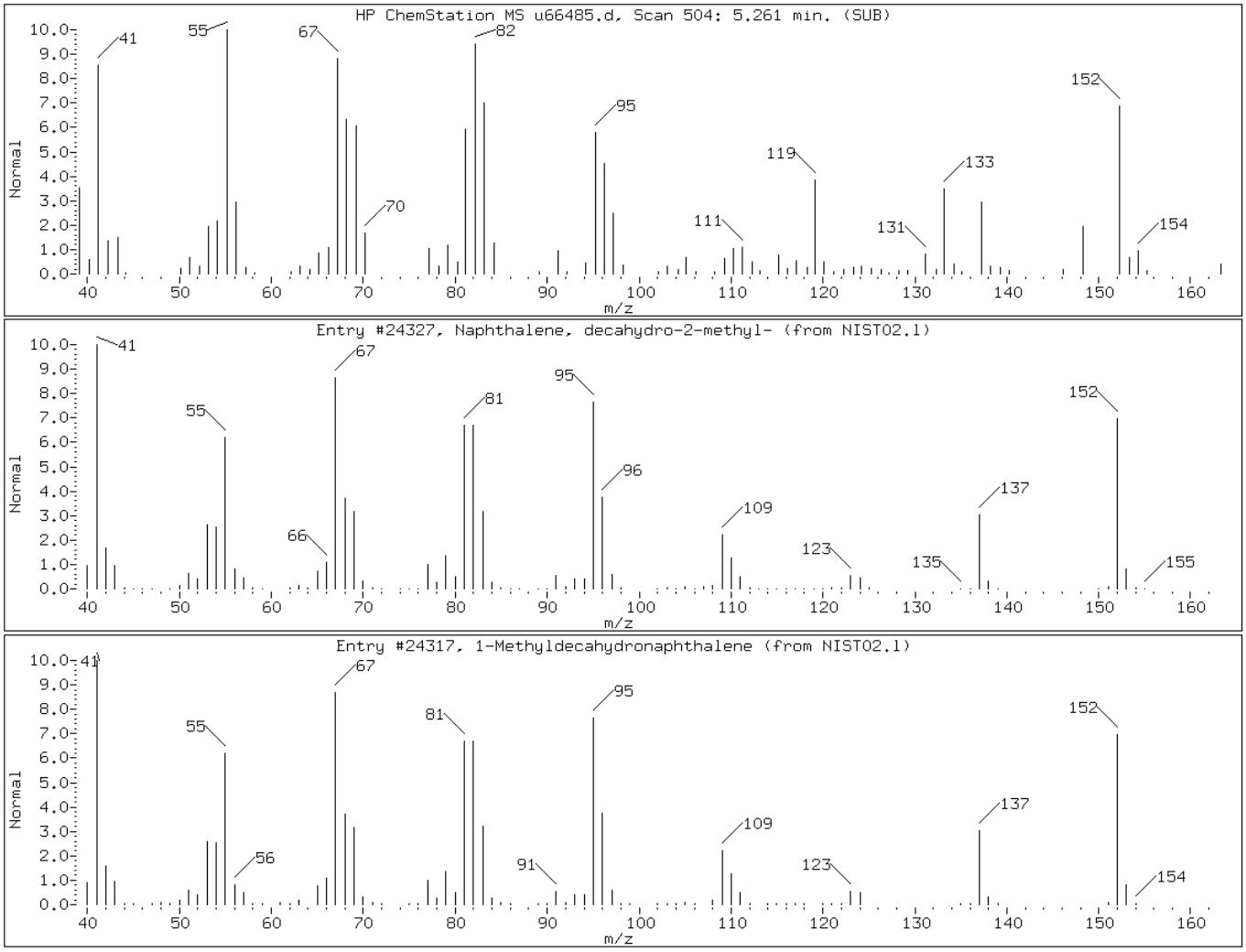
Date: 05-APR-2011 13:43

Client ID: PMP-5SI-E (10.5-11) Instrument: BNAMS4.i

Sample Info: 460-24280-F-19-C Operator: BNAMS 4

Retention Time: 5.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Decahydromethylnaphthalene isomer						
Naphthalene, decahydro-2-methyl-	2958-76-1	NIST02.l	24327	78	C11H20	152
1-Methyldecahydronaphthalene	2958-75-0	NIST02.l	24317	78	C11H20	152



Data File: u66485.d

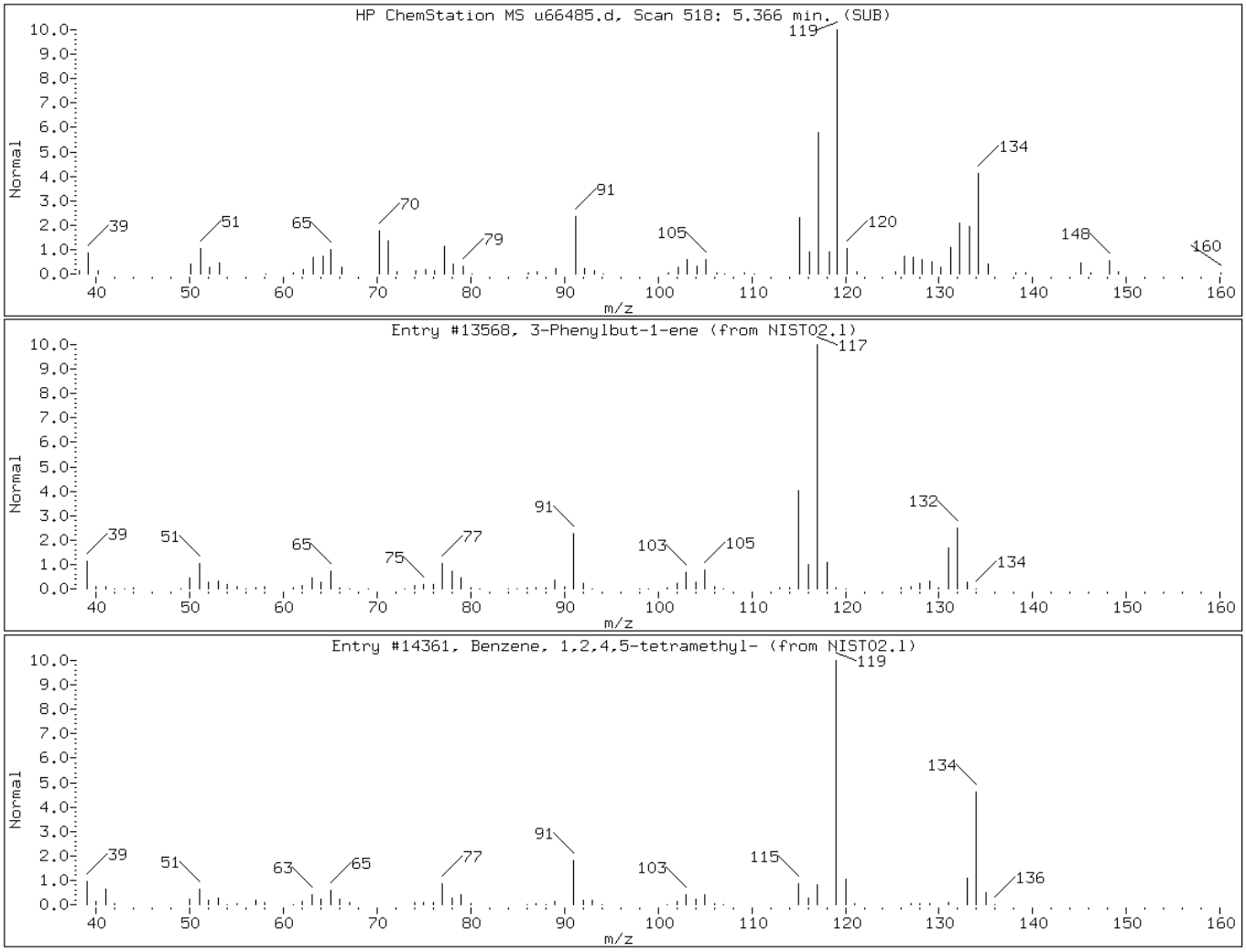
Date: 05-APR-2011 13:43

Client ID: PMP-5SI-E (10.5-11) Instrument: BNAMS4.i

Sample Info: 460-24280-F-19-C Operator: BNAMS 4

Retention Time: 5.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C10H12/C10H14 Aromatics						
3-Phenylbut-1-ene	934-10-1	NIST02.l	13568	70	C10H12	132
Benzene, 1,2,4,5-tetramethyl-	95-93-2	NIST02.l	14361	60	C10H14	134



Data File: u66485.d

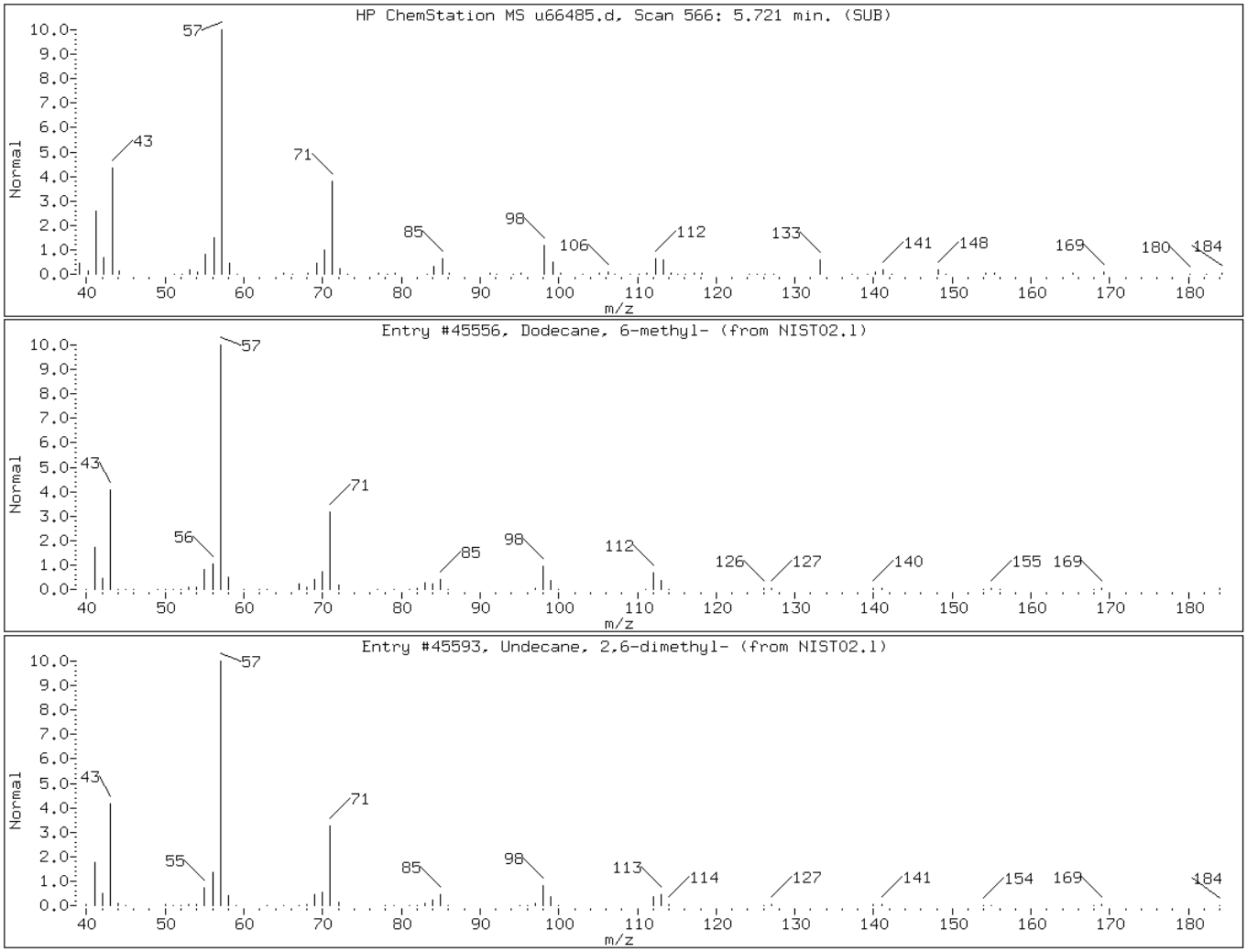
Date: 05-APR-2011 13:43

Client ID: PMP-5SI-E (10.5-11) Instrument: BNAMS4.i

Sample Info: 460-24280-F-19-C Operator: BNAMS 4

Retention Time: 5.72

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-2						
Dodecane, 6-methyl-	6044-71-9	NIST02.l	45556	95	C13H28	184
Undecane, 2,6-dimethyl-	17301-23-4	NIST02.l	45593	93	C13H28	184



Data File: u66485.d

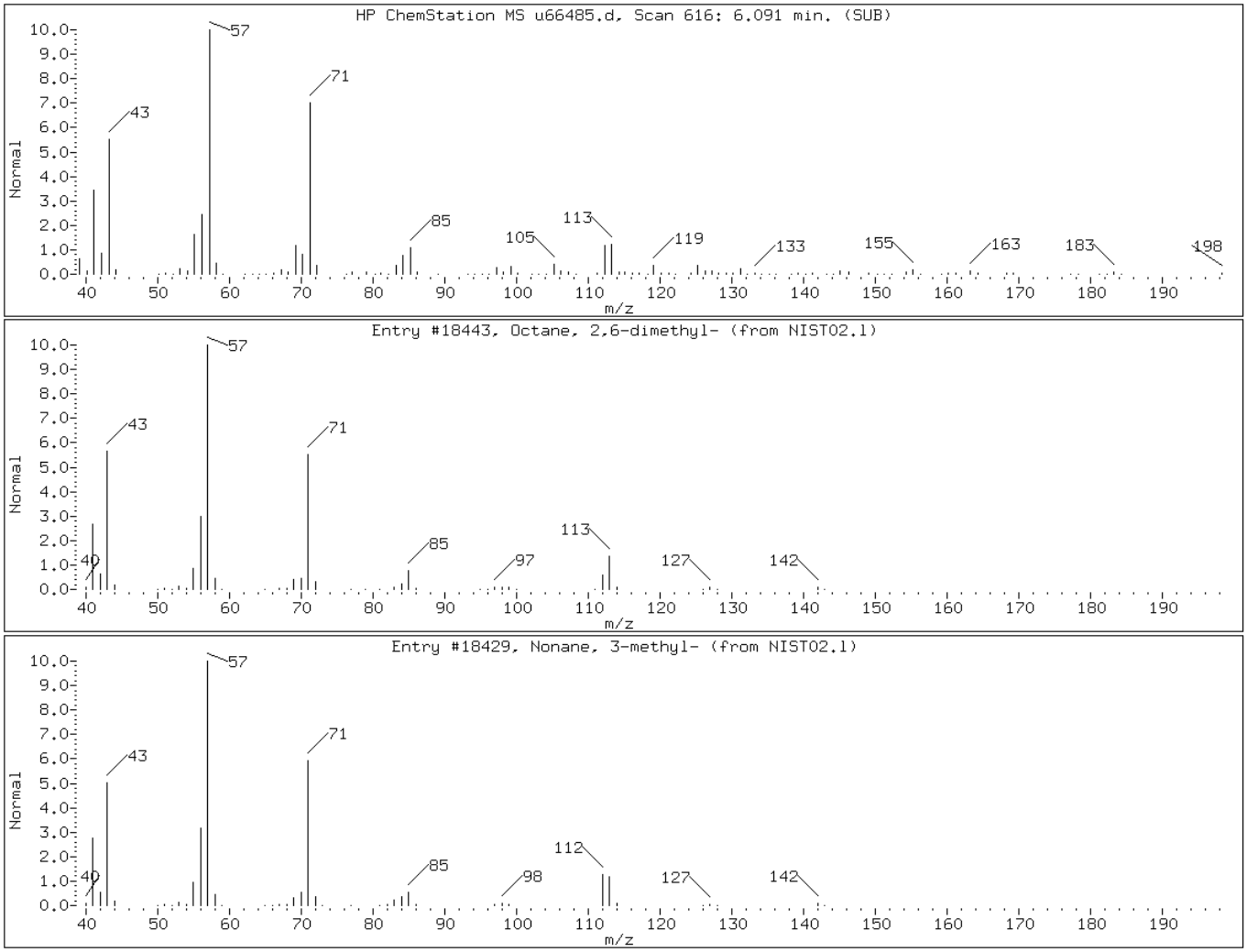
Date: 05-APR-2011 13:43

Client ID: PMP-5SI-E (10.5-11) Instrument: BNAMS4.i

Sample Info: 460-24280-F-19-C Operator: BNAMS 4

Retention Time: 6.09

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-3						
Octane, 2,6-dimethyl-	2051-30-1	NIST02.l	18443	78	C10H22	142
Nonane, 3-methyl-	5911-04-6	NIST02.l	18429	72	C10H22	142



Data File: u66485.d

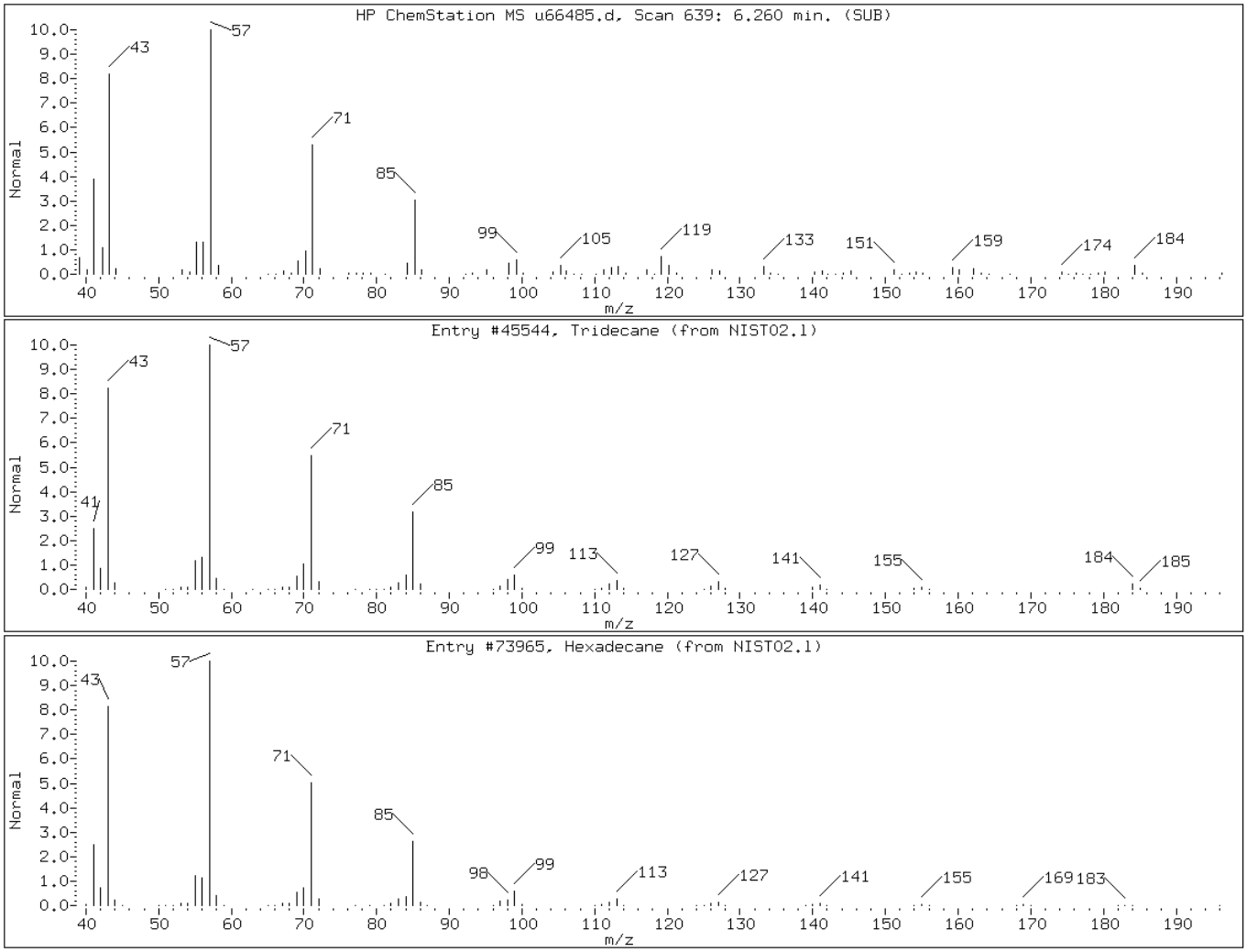
Date: 05-APR-2011 13:43

Client ID: PMP-5SI-E (10.5-11) Instrument: BNAMS4.i

Sample Info: 460-24280-F-19-C Operator: BNAMS 4

Retention Time: 6.26

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-4						
Tridecane	629-50-5	NIST02.l	45544	93	C13H28	184
Hexadecane	544-76-3	NIST02.l	73965	80	C16H34	226



Data File: u66485.d

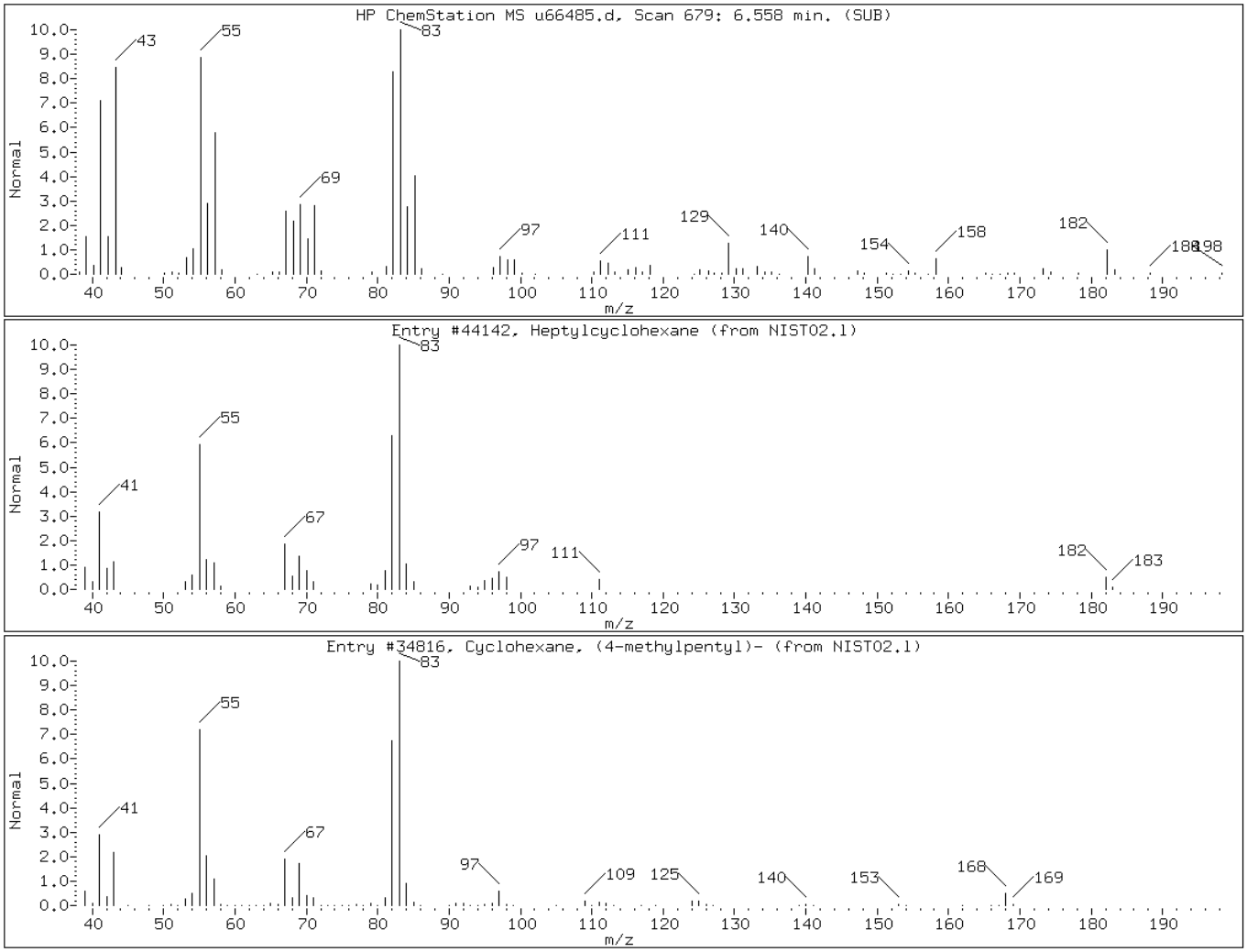
Date: 05-APR-2011 13:43

Client ID: PMP-5SI-E (10.5-11) Instrument: BNAMS4.i

Sample Info: 460-24280-F-19-C Operator: BNAMS 4

Retention Time: 6.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Cycloalkane						
Heptylcyclohexane	5617-41-4	NIST02.l	44142	52	C13H26	182
Cyclohexane, (4-methylpentyl)-	61142-20-9	NIST02.l	34816	50	C12H24	168



Data File: u66485.d

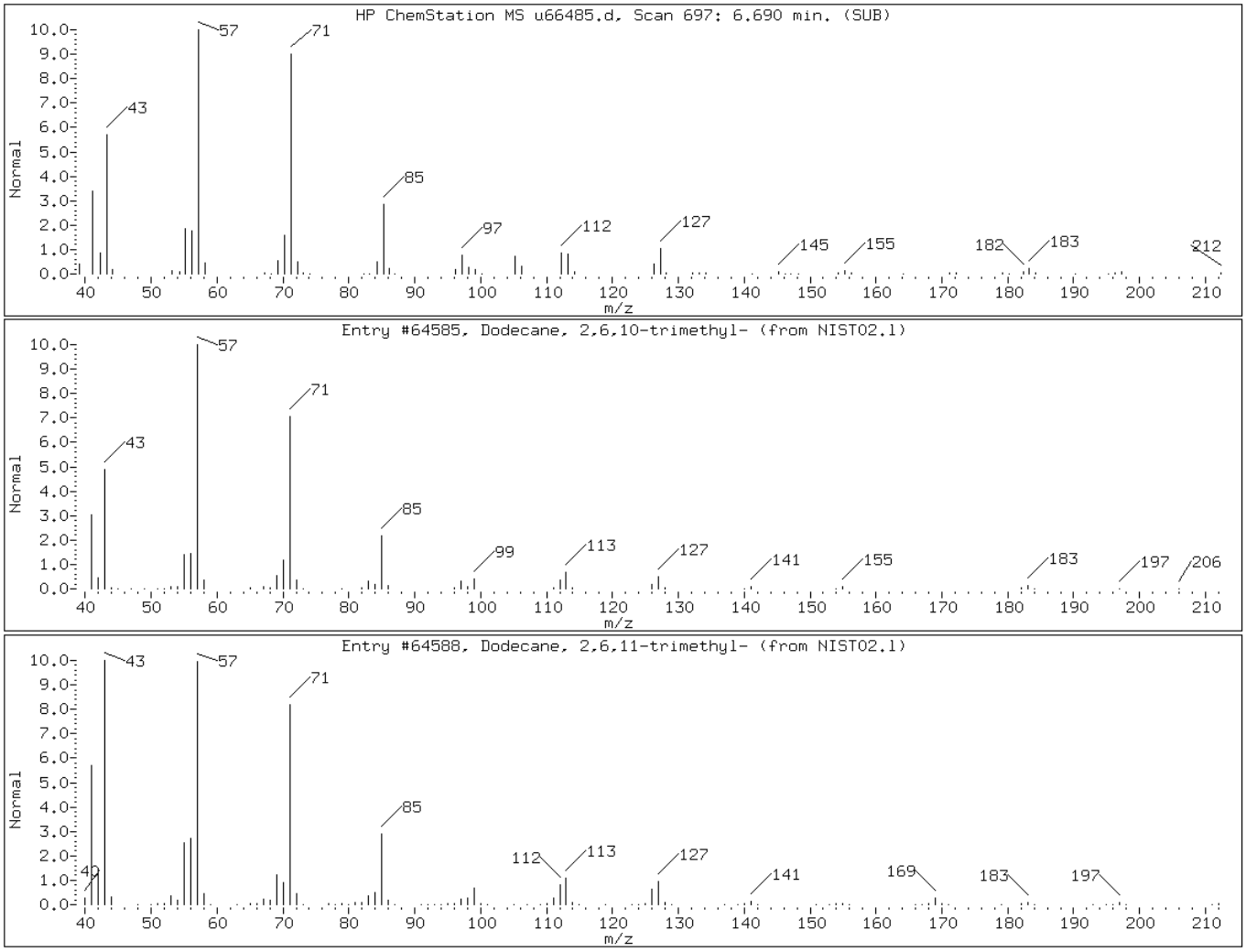
Date: 05-APR-2011 13:43

Client ID: PMP-5SI-E (10.5-11) Instrument: BNAMS4.i

Sample Info: 460-24280-F-19-C Operator: BNAMS 4

Retention Time: 6.69

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-5						
Dodecane, 2,6,10-trimethyl-	3891-98-3	NIST02.l	64585	90	C15H32	212
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64588	86	C15H32	212



Data File: u66485.d

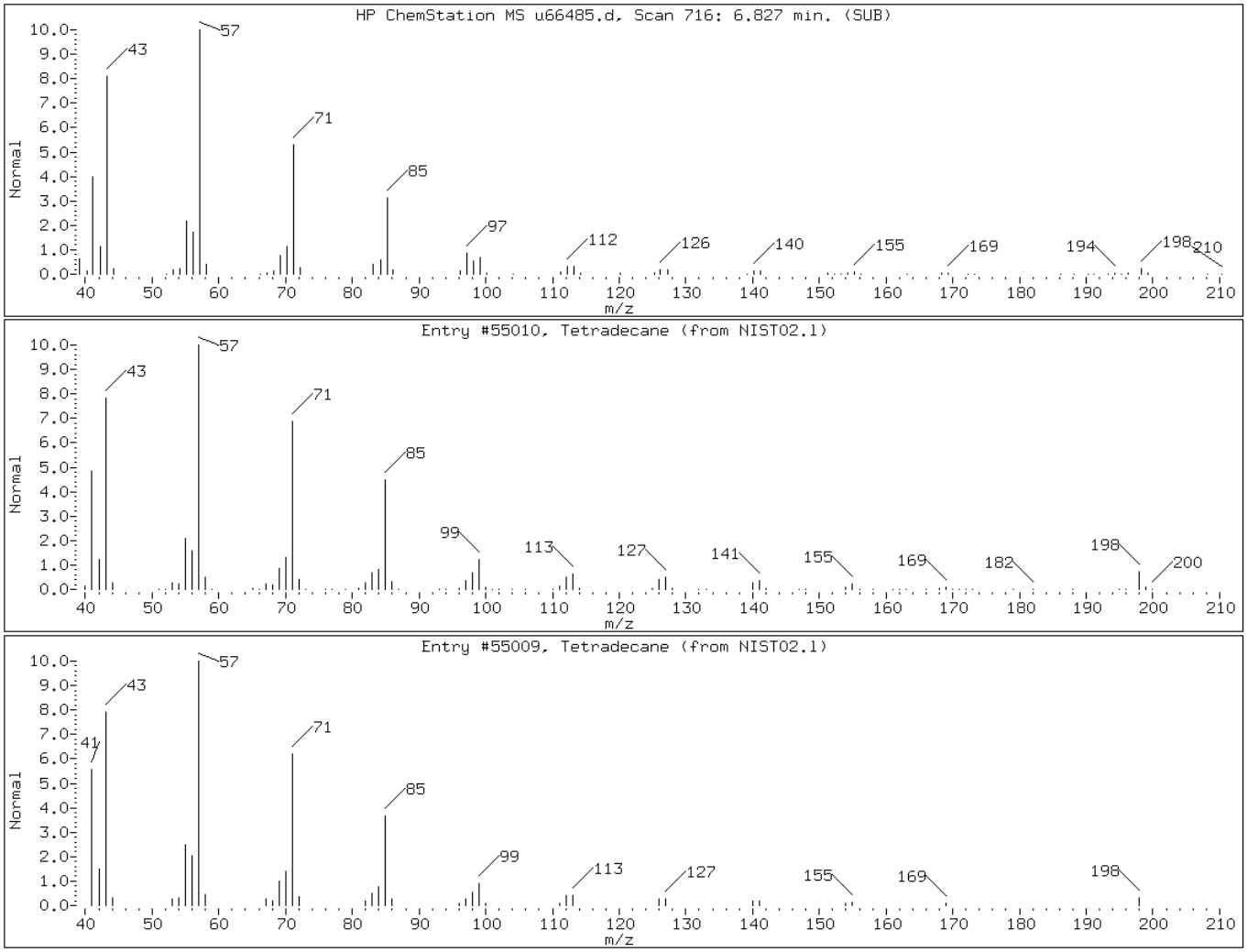
Date: 05-APR-2011 13:43

Client ID: PMP-5SI-E (10.5-11) Instrument: BNAMS4.i

Sample Info: 460-24280-F-19-C Operator: BNAMS 4

Retention Time: 6.83

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-6						
Tetradecane	629-59-4	NIST02.l	55010	97	C14H30	198
Tetradecane	629-59-4	NIST02.l	55009	96	C14H30	198



Data File: u66485.d

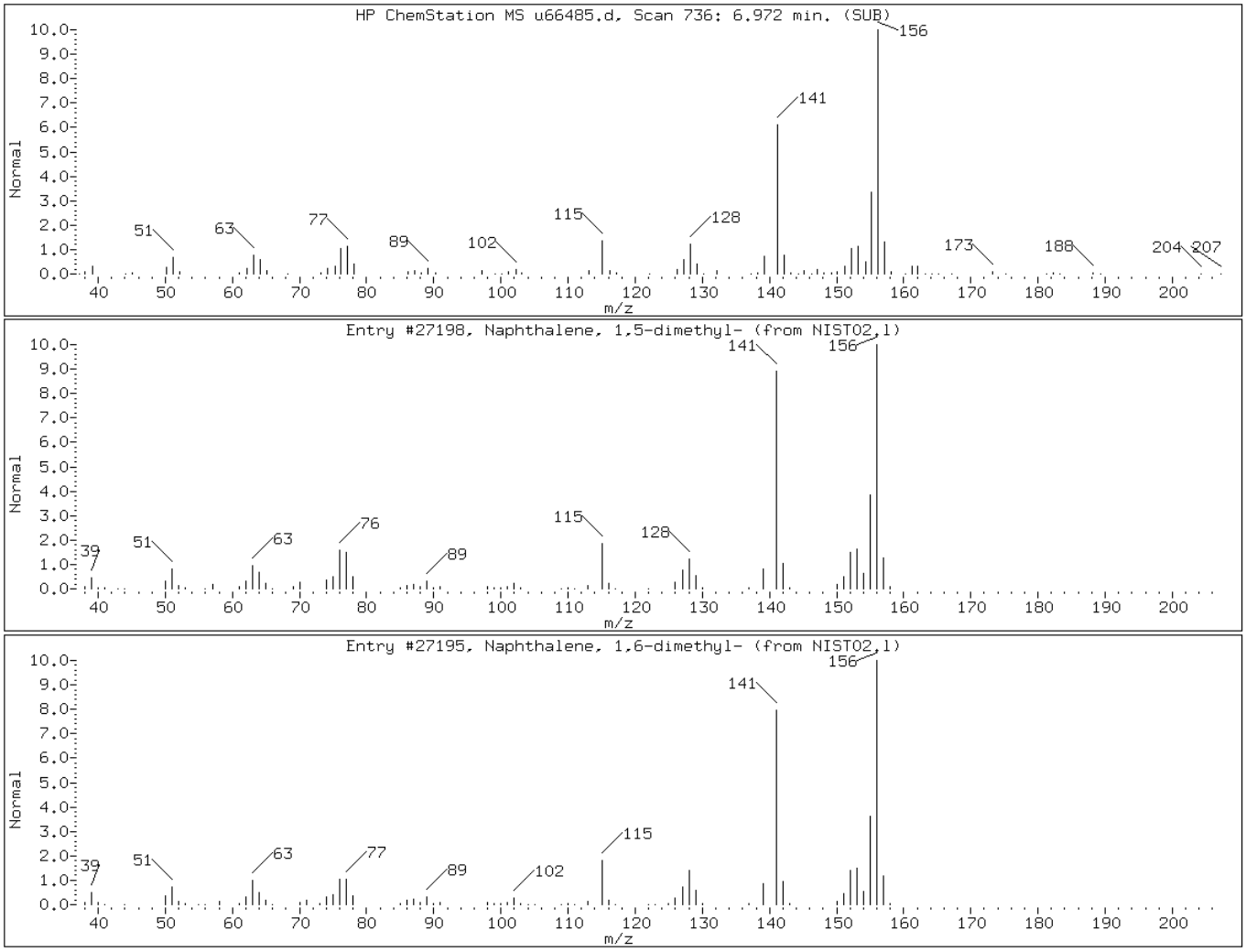
Date: 05-APR-2011 13:43

Client ID: PMP-5SI-E (10.5-11) Instrument: BNAMS4.i

Sample Info: 460-24280-F-19-C Operator: BNAMS 4

Retention Time: 6.97

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dimethylnaphthalene isomer						
Naphthalene, 1,5-dimethyl-	571-61-9	NIST02.l	27198	98	C12H12	156
Naphthalene, 1,6-dimethyl-	575-43-9	NIST02.l	27195	98	C12H12	156



Data File: u66485.d

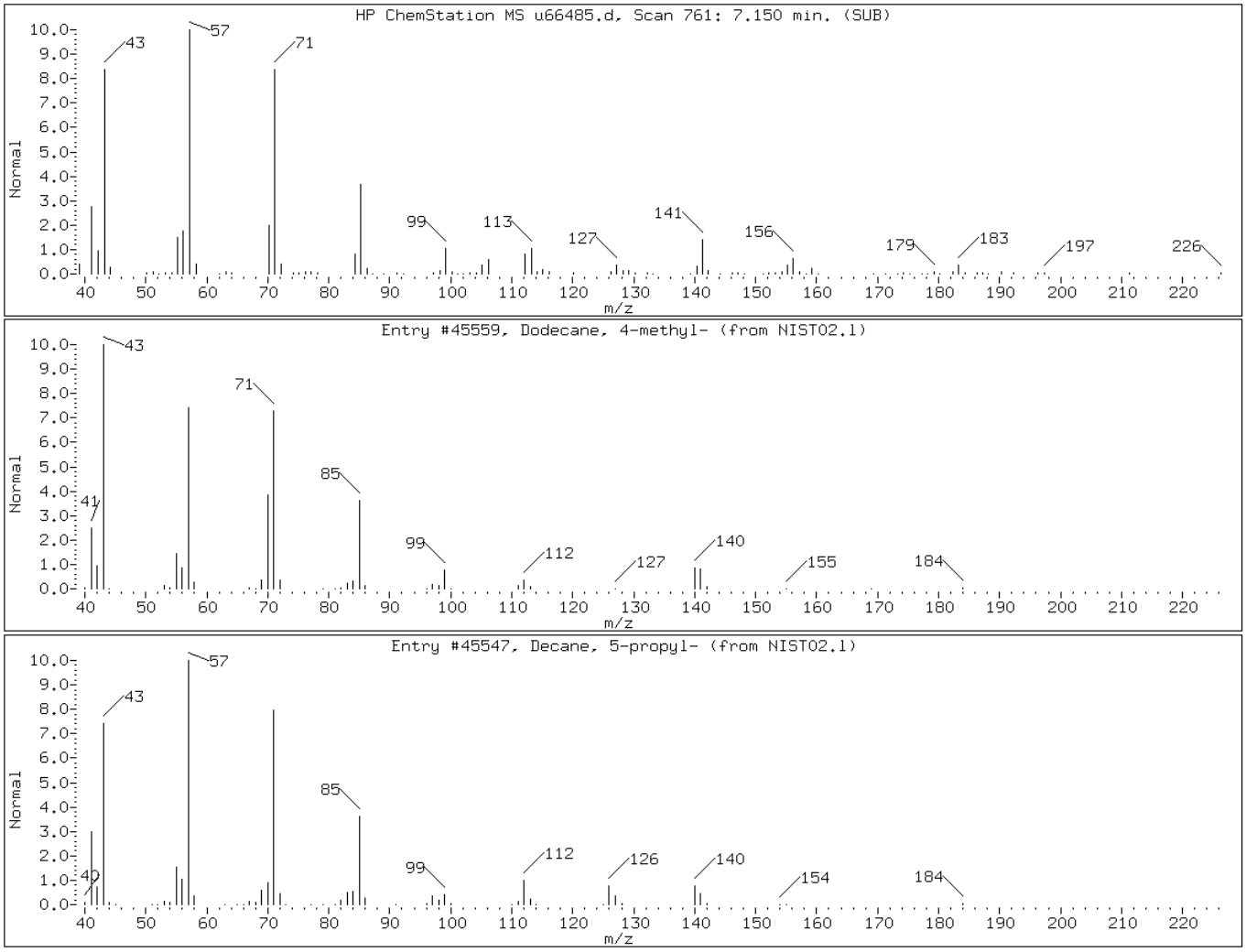
Date: 05-APR-2011 13:43

Client ID: PMP-5SI-E (10.5-11) Instrument: BNAMS4.i

Sample Info: 460-24280-F-19-C Operator: BNAMS 4

Retention Time: 7.15

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-8						
Dodecane, 4-methyl-	6117-97-1	NIST02.l	45559	76	C13H28	184
Decane, 5-propyl-	17312-62-8	NIST02.l	45547	70	C13H28	184



Data File: u66485.d

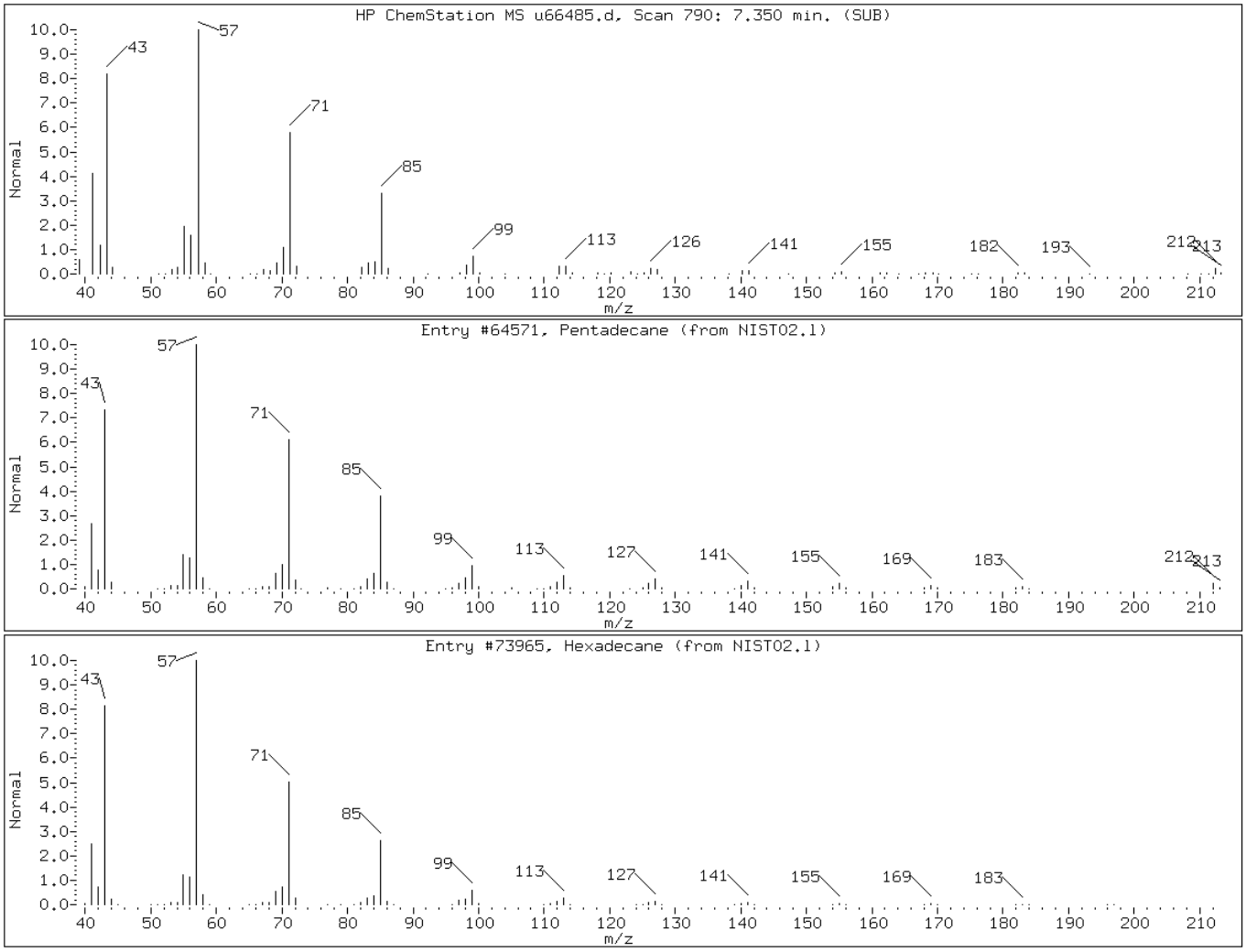
Date: 05-APR-2011 13:43

Client ID: PMP-5SI-E (10.5-11) Instrument: BNAMS4.i

Sample Info: 460-24280-F-19-C Operator: BNAMS 4

Retention Time: 7.35

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-9						
Pentadecane	629-62-9	NIST02.l	64571	95	C15H32	212
Hexadecane	544-76-3	NIST02.l	73965	90	C16H34	226



Data File: u66485.d

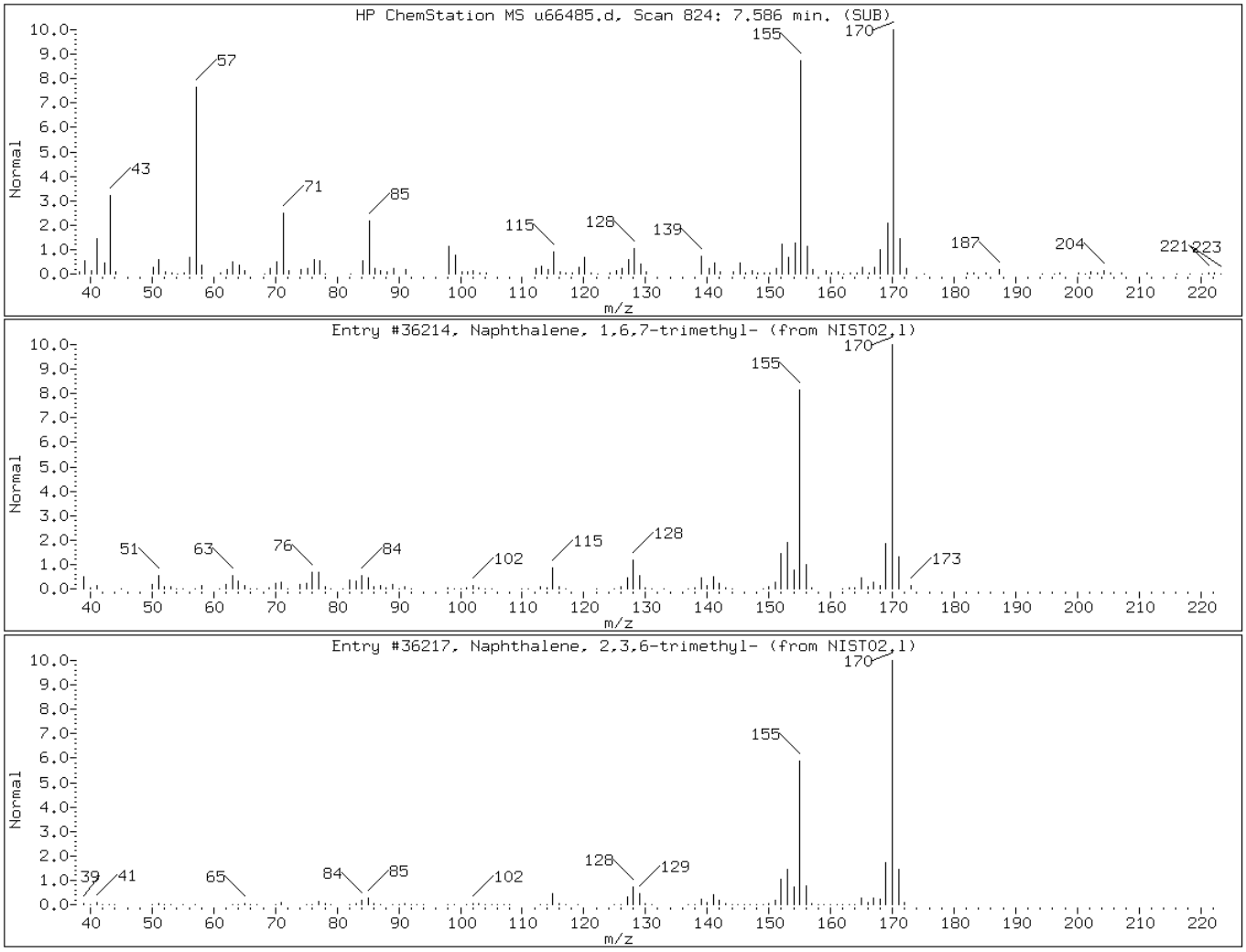
Date: 05-APR-2011 13:43

Client ID: PMP-5SI-E (10.5-11) Instrument: BNAMS4.i

Sample Info: 460-24280-F-19-C Operator: BNAMS 4

Retention Time: 7.59

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trimethylnaphthalene isomer-2						
Naphthalene, 1,6,7-trimethyl-	2245-38-7	NIST02.l	36214	93	C13H14	170
Naphthalene, 2,3,6-trimethyl-	829-26-5	NIST02.l	36217	93	C13H14	170



Data File: u66485.d

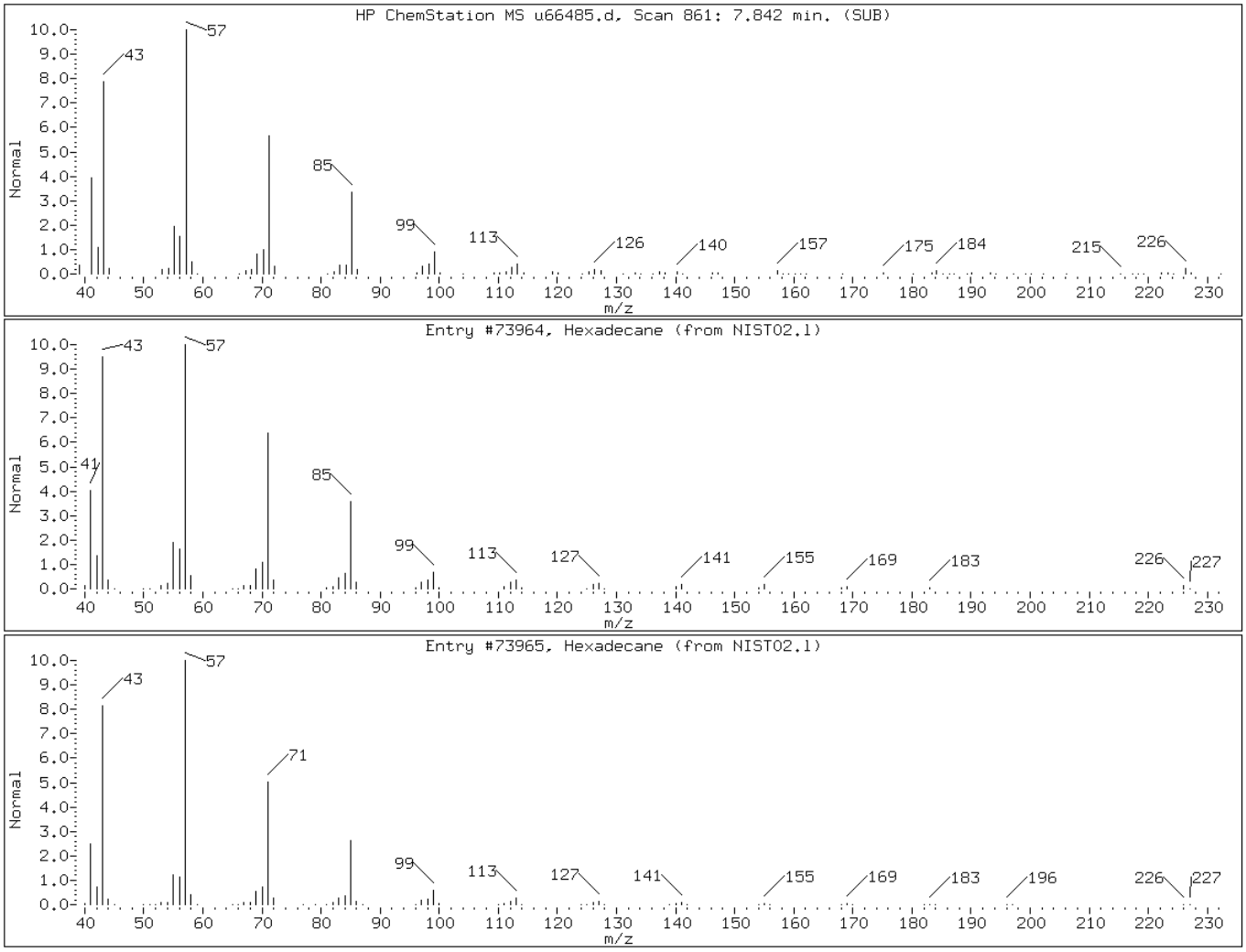
Date: 05-APR-2011 13:43

Client ID: PMP-5SI-E (10.5-11) Instrument: BNAMS4.i

Sample Info: 460-24280-F-19-C Operator: BNAMS 4

Retention Time: 7.84

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-10						
Hexadecane	544-76-3	NIST02.l	73964	94	C16H34	226
Hexadecane	544-76-3	NIST02.l	73965	93	C16H34	226



Data File: u66485.d

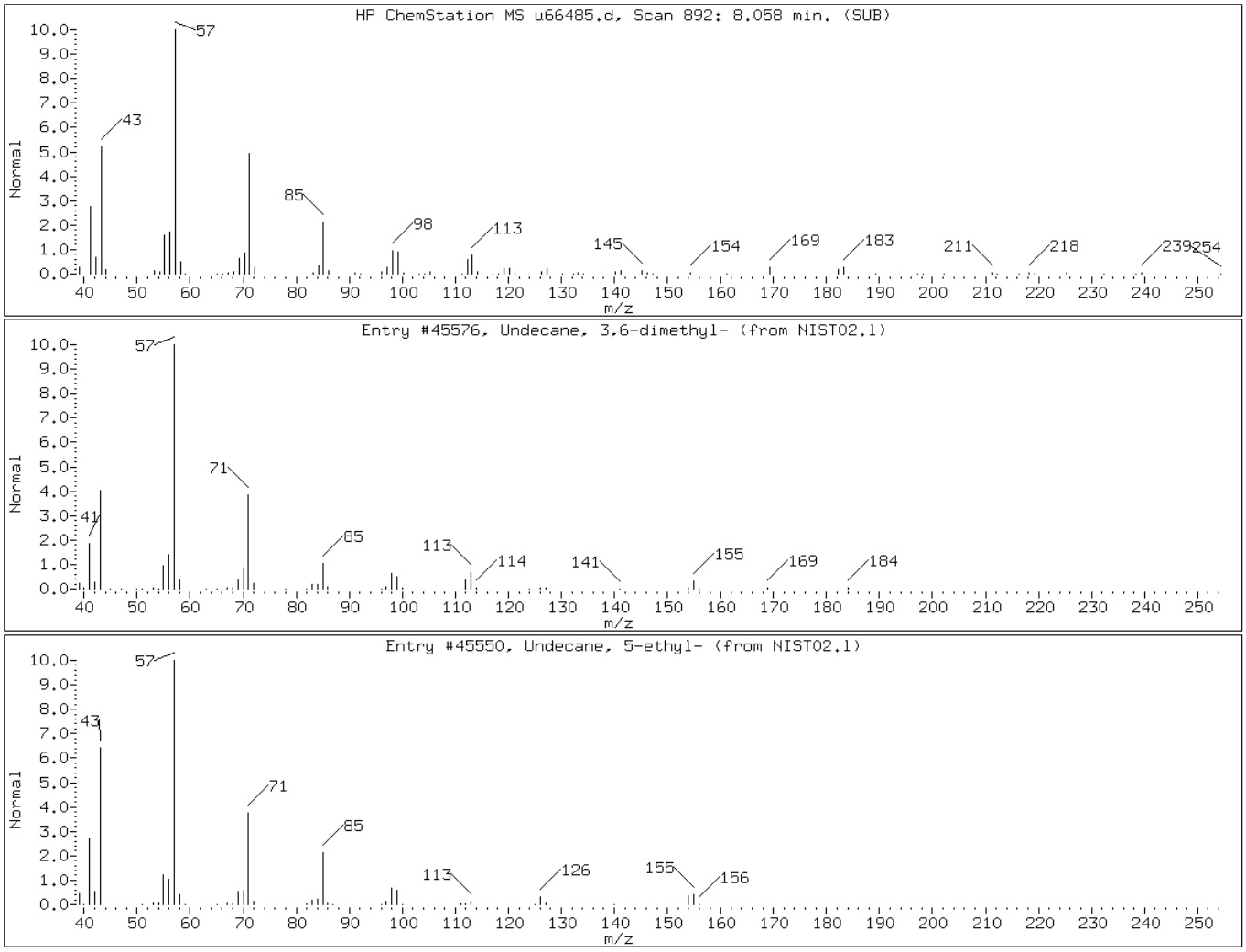
Date: 05-APR-2011 13:43

Client ID: PMP-5SI-E (10.5-11) Instrument: BNAMS4.i

Sample Info: 460-24280-F-19-C Operator: BNAMS 4

Retention Time: 8.06

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-11						
Undecane, 3,6-dimethyl-	17301-28-9	NIST02.l	45576	86	C13H28	184
Undecane, 5-ethyl-	17453-94-0	NIST02.l	45550	78	C13H28	184



Data File: u66485.d

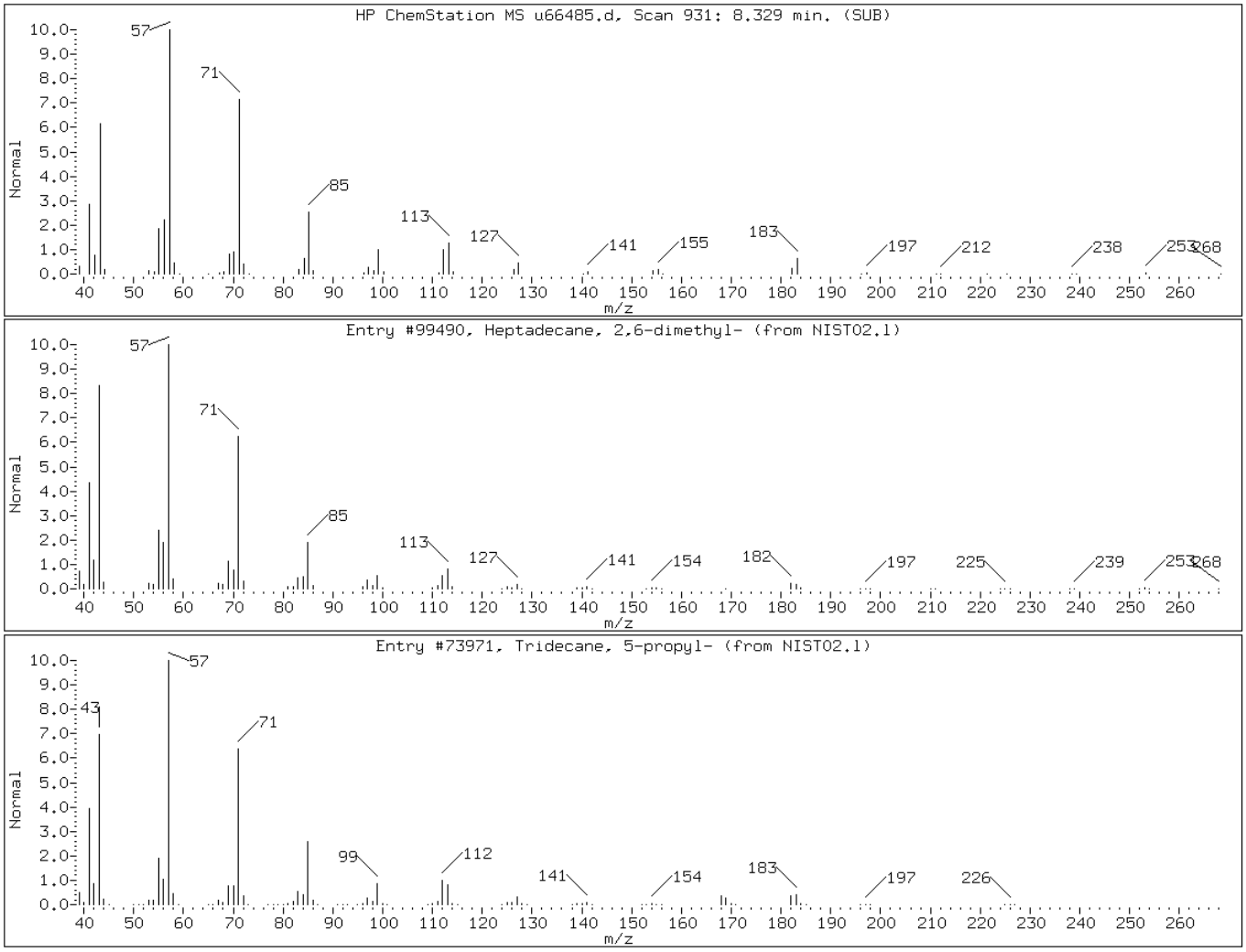
Date: 05-APR-2011 13:43

Client ID: PMP-5SI-E (10.5-11) Instrument: BNAMS4.i

Sample Info: 460-24280-F-19-C Operator: BNAMS 4

Retention Time: 8.33

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-12						
Heptadecane, 2,6-dimethyl-	54105-67-8	NIST02.l	99490	87	C19H40	268
Tridecane, 5-propyl-	55045-11-9	NIST02.l	73971	86	C16H34	226



Data File: u66485.d

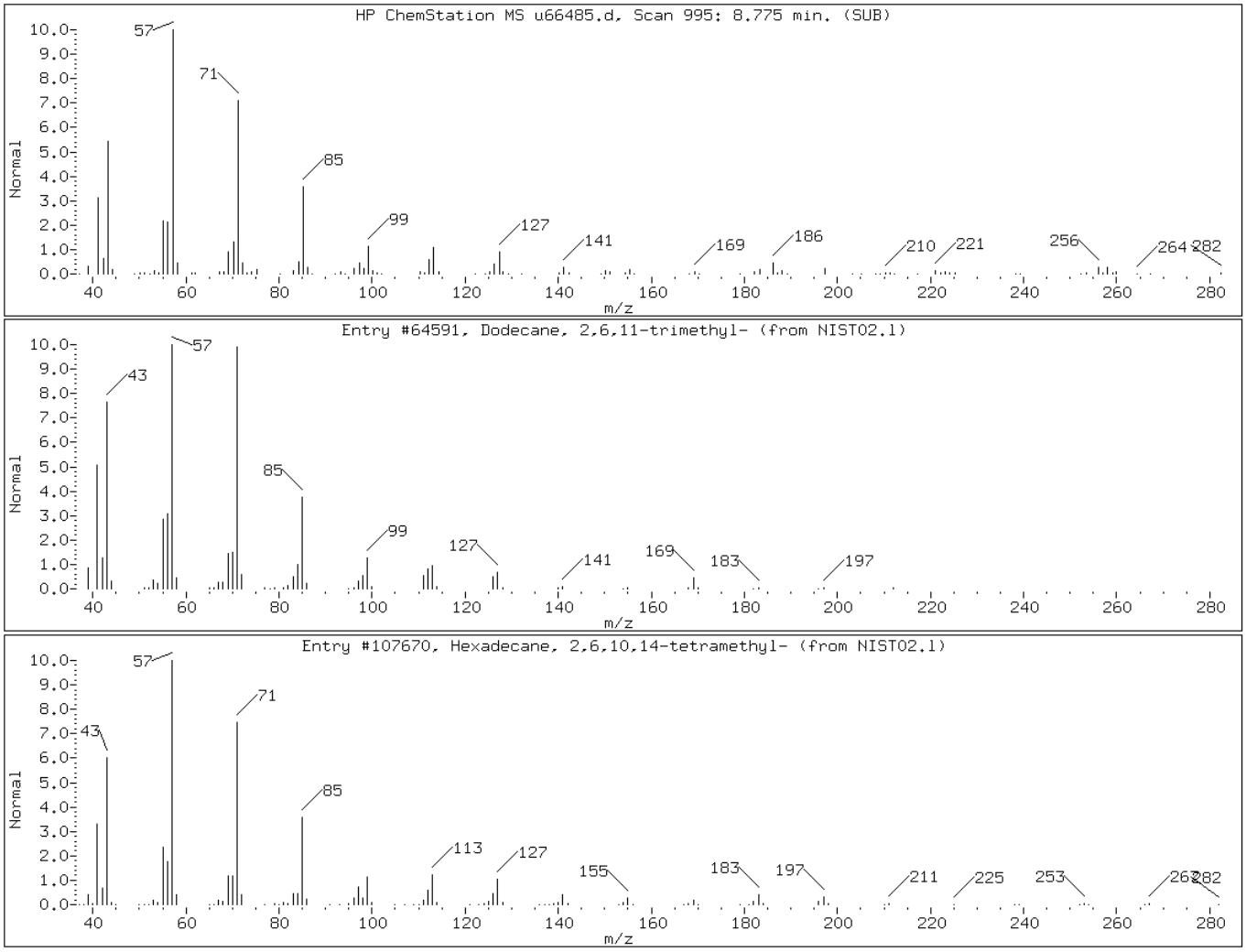
Date: 05-APR-2011 13:43

Client ID: PMP-5SI-E (10.5-11) Instrument: BNAMS4.i

Sample Info: 460-24280-F-19-C Operator: BNAMS 4

Retention Time: 8.78

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Alkane-13						
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST02.l	64591	93	C15H32	212
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST02.l	107670	87	C20H42	282



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 69223

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 01:00 Calibration End Date: 03/31/2011 03:56 Calibration ID: 10352

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69223/4	p10129.d
Level 2	IC 460-69223/7	p10132.d
Level 3	IC 460-69223/6	p10131.d
Level 4	ICIS 460-69223/2	p10127.d
Level 5	IC 460-69223/5	p10130.d
Level 6	IC 460-69223/3	p10128.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								
1,4-Dioxane	0 0	0	0	0	0	Ave								15.0			
N-Nitrosodimethylamine	0.8414 0.9212	0.9004	0.9089	0.8901	0.8846	Ave		0.8911				3.1		15.0			
Pyridine	1.3125 1.5153	1.4782	1.5340	1.5372	1.4915	Ave		1.4781				5.7		15.0			
2,3,7,8-TCDD (Screen)	+++++ +++++	+++++	+++++	0.1408	+++++	Ave		0.1408						15.0			
Benzaldehyde	1.0370 +++++	0.5280	0.4199	0.1922	0.1564	Ave		0.4667				76.0	*	15.0			
Aniline	2.0149 1.9713	2.0270	2.0405	1.9377	1.9247	Ave		1.9860				2.4		15.0			
Phenol	1.8650 1.7756	1.8781	1.8424	1.7098	1.6877	Ave		1.7931				4.5		30.0			
Bis(2-chloroethyl)ether	1.5026 1.3664	1.3913	1.3730	1.3589	1.3190	Ave		1.3852				4.5		15.0			
2-Chlorophenol	1.4661 1.3937	1.4515	1.4431	1.3706	1.3569	Ave		1.4137				3.2		15.0			
Decane	1.4099 1.2441	1.4021	1.4020	1.3157	1.3156	Ave		1.3482				5.0		15.0			
1,3-Dichlorobenzene	1.6164 1.5606	1.7065	1.6177	1.5817	1.5731	Ave		1.6093				3.3		15.0			
1,4-Dichlorobenzene	1.6592 1.5824	1.6859	1.6646	1.5937	1.5677	Ave		1.6256				3.1		30.0			
Benzyl alcohol	0.6693 0.8962	0.7932	0.8218	0.7487	0.8316	Ave		0.7935				9.8		15.0			
1,2-Dichlorobenzene	1.5138 1.4461	1.5758	1.5349	1.5008	1.4552	Ave		1.5044				3.2		15.0			
2-Methylphenol	1.2392 1.2083	1.2779	1.2017	1.1566	1.1398	Ave		1.2039				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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 69223

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 01:00 Calibration End Date: 03/31/2011 03:56 Calibration ID: 10352

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								
2,2'-oxybis[1-chloropropane]	1.5736 1.5669	1.6568	1.6119	1.5111	1.5415	Ave		1.5770				3.3		15.0			
o-Toluidine	1.5750 1.5444	1.5901	1.6113	1.5885	1.5280	Ave		1.5729				2.0		15.0			
Acetophenone	1.7378 1.7292	1.7090	1.7867	1.7618	1.6762	Ave		1.7334				2.2		15.0			
N-Nitrosodi-n-propylamine	0.8089 0.9401	0.9144	0.9287	0.9227	0.9249	Ave		0.9066			0.0500	5.4		15.0			
3 & 4 Methylphenol	1.3785 1.3212	1.3688	1.3708	1.3054	1.2931	Ave		1.3396				2.8		15.0			
4-Methylphenol	1.3785 1.3056	1.3688	1.3708	1.2872	1.2737	Ave		1.3308				3.5		15.0			
Hexachloroethane	0.6114 0.6042	0.6342	0.6091	0.6128	0.5867	Ave		0.6097				2.5		15.0			
Nitrobenzene	0.5191 0.5136	0.5662	0.5315	0.5271	0.5172	Ave		0.5291				3.6		15.0			
n,n'-Dimethylaniline	1.8495 2.0092	2.0986	2.0698	2.0184	1.9678	Ave		2.0022				4.4		15.0			
Isophorone	0.6047 0.6539	0.6423	0.6458	0.6398	0.6330	Ave		0.6366				2.7		15.0			
2-Nitrophenol	0.1778 0.2083	0.1977	0.2046	0.2119	0.2072	Ave		0.2012				6.2		30.0			
2,4-Dimethylphenol	0.3212 0.3085	0.3326	0.3241	0.3133	0.3069	Ave		0.3178				3.1		15.0			
Bis(2-chloroethoxy)methane	0.3881 0.4125	0.4301	0.4204	0.4100	0.4056	Ave		0.4111				3.5		15.0			
Benzoic acid	0.0489 0.1913	0.0738	0.1504	0.1959	0.1945	QuaF		5.3205	-0.227						0.9977		0.9900
2,4-Dichlorophenol	0.2744 0.2865	0.2929	0.2991	0.2958	0.2862	Ave		0.2891				3.1		30.0			
1,2,4-Trichlorobenzene	0.3251 0.3229	0.3592	0.3363	0.3327	0.3224	Ave		0.3331				4.2		15.0			
Naphthalene	1.1150 0.9846	1.1642	1.1157	1.0509	1.0206	Ave		1.0752				6.3		15.0			
4-Chloroaniline	0.3967 0.4235	0.4214	0.4085	0.4170	0.4156	Ave		0.4138				2.4		15.0			
Hexachlorobutadiene	0.1447 0.1557	0.1659	0.1621	0.1607	0.1573	Ave		0.1577				4.6		30.0			
Caprolactam	0.0709 0.0970	0.0867	0.0988	0.1018	0.0960	Ave		0.0919				12.5		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 69223

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 01:00 Calibration End Date: 03/31/2011 03:56 Calibration ID: 10352

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-Chloro-3-methylphenol	0.2769 0.3078	0.2952	0.2924	0.2972	0.2953	Ave		0.2941				3.4		30.0			
2-Methylnaphthalene	0.6854 0.6398	0.7180	0.7058	0.6737	0.6628	Ave		0.6809				4.2		15.0			
1-Methylnaphthalene	0.6859 0.6257	0.7104	0.6735	0.6756	0.6374	Ave		0.6681				4.7		15.0			
Hexachlorocyclopentadiene	0.2024 0.2510	0.1973	0.2238	0.2568	0.2522	Ave		0.2306			0.0500	11.5		15.0			
1,2,4,5-Tetrachlorobenzene	0.5064 0.4431	0.4927	0.5094	0.4764	0.4492	Ave		0.4795				5.9		30.0			
2-tertbutyl-4-methylphenol	0.4641 0.4388	0.4656	0.4587	0.4548	0.4434	Ave		0.4542				2.4		15.0			
2,4,6-Trichlorophenol	0.3275 0.3252	0.3359	0.3290	0.3303	0.3190	Ave		0.3278				1.7		30.0			
2,4,5-Trichlorophenol	0.3327 0.3455	0.3352	0.3585	0.3452	0.3383	Ave		0.3426				2.7		15.0			
Diphenyl	1.6295 1.3072	1.5402	1.5491	1.4828	1.3479	Ave		1.4761				8.5		15.0			
2-Chloronaphthalene	1.1743 1.0548	1.2040	1.1521	1.1179	1.0470	Ave		1.1250				5.7		15.0			
Diphenyl ether	0.8151 0.7530	0.8003	0.7868	0.7856	0.7497	Ave		0.7818				3.3		15.0			
2-Nitroaniline	0.3054 0.3489	0.3048	0.3928	0.3562	0.3280	Ave		0.3394				10.0		15.0			
Dimethylnaphthalene, total	0.9587 0.8310	0.9310	0.9290	0.9275	0.8571	Ave		0.9057				5.5		15.0			
Dimethyl phthalate	1.1964 1.1769	1.2365	1.2138	1.1892	1.1366	Ave		1.1916				2.9		15.0			
Coumarin	0.1969 0.2214	0.2141	0.2153	0.2134	0.2144	Ave		0.2126				3.9		15.0			
2,6-Dinitrotoluene	0.2478 0.3082	0.2740	0.2848	0.2954	0.2945	Ave		0.2841				7.4		15.0			
Acenaphthylene	1.8220 1.6304	1.8442	1.8072	1.7490	1.6499	Ave		1.7505				5.2		15.0			
3-Nitroaniline	0.2917 0.3380	0.3062	0.3086	0.3188	0.3206	Ave		0.3140				5.0		15.0			
Acenaphthene	1.0959 1.0105	1.1233	1.0952	1.0639	1.0075	Ave		1.0660				4.5		30.0			
3,5-di-tert-butyl-4-hydroxytol	0.9442 0.8643	0.9550	0.9772	0.9573	0.8971	Ave		0.9325				4.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 69223

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 01:00 Calibration End Date: 03/31/2011 03:56 Calibration ID: 10352

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								
2,4-Dinitrophenol	0.0714 0.1850	0.0907	0.1170	0.1376	0.1705	QuaF		7.9237	-4.706		0.0500				0.9926		0.9900
4-Nitrophenol	0.1878 0.2495	0.1636	0.1891	0.1932	0.2403	QuaF		5.3031	-1.808		0.0500				0.9949		0.9900
Dibenzofuran	1.6866 1.4538	1.6609	1.6115	1.5353	1.4671	Ave		1.5692				6.3		15.0			
2,4-Dinitrotoluene	0.3670 0.4020	0.3707	0.3662	0.3658	0.3816	Ave		0.3755				3.8		15.0			
1-Naphthylamine	1.1230 0.9340	1.0630	1.0717	0.9502	0.9240	Ave		1.0110				8.4		30.0			
2,3,4,6-Tetrachlorophenol	0.2037 0.2446	0.2234	0.2466	0.2336	0.2475	Ave		0.2332				7.4		30.0			
2-Naphthylamine	1.2461 1.0251	1.2380	1.1464	1.0545	1.0302	Ave		1.1234				9.1		15.0			
Diethyl phthalate	1.1118 1.1983	1.1996	1.1921	1.1551	1.1461	Ave		1.1672				3.0		15.0			
Fluorene	1.2659 1.1620	1.3267	1.3116	1.2236	1.1793	Ave		1.2449				5.5		15.0			
4-Chlorophenyl phenyl ether	0.5585 0.5184	0.5623	0.5636	0.5347	0.5185	Ave		0.5427				4.0		15.0			
4-Nitroaniline	0.2816 0.3193	0.3021	0.2696	0.2922	0.3061	Ave		0.2952				6.1		15.0			
4,6-Dinitro-2-methylphenol	0.0974 0.1662	0.1109	0.1324	0.1400	0.1653	QuaF		7.5126	-3.205						0.9949		0.9900
N-Nitrosodiphenylamine	0.5921 0.5548	0.6127	0.6033	0.5733	0.5789	Ave		0.5858				3.6		30.0			
1,2-Diphenylhydrazine	1.0259 0.9364	1.0622	1.0564	1.0414	0.9600	Ave		1.0137				5.2		15.0			
4-Bromophenyl phenyl ether	0.1933 0.1930	0.1977	0.1993	0.2029	0.1899	Ave		0.1960				2.5		15.0			
Hexachlorobenzene	0.2182 0.2064	0.2199	0.2116	0.2095	0.2018	Ave		0.2112				3.3		15.0			
Atrazine	0.2035 0.1977	0.2050	0.2016	0.2105	0.2037	Ave		0.2037				2.1		15.0			
Pentachlorophenol	0.0857 0.1420	0.0904	0.1090	0.1178	0.1391	QuaF		9.0248	-4.922						0.9952		0.9900
n-Octadecane	0.4941 0.4565	0.5161	0.5376	0.5355	0.4977	Ave		0.5062				6.0		15.0			
Phenanthrene	1.1977 1.0753	1.2431	1.1713	1.1362	1.0961	Ave		1.1533				5.5		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 69223

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 01:00 Calibration End Date: 03/31/2011 03:56 Calibration ID: 10352

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								
Anthracene	1.1707 1.0883	1.2076	1.1980	1.1557	1.1289	Ave		1.1582				3.8		15.0			
Carbazole	1.1141 1.0544	1.1314	1.0779	1.0589	1.0702	Ave		1.0845				2.9		15.0			
Di-n-butyl phthalate	1.1852 1.2692	1.2865	1.2726	1.2665	1.2930	Ave		1.2622				3.1		15.0			
Fluoranthene	1.0827 1.0547	1.0953	1.0818	1.0554	1.1051	Ave		1.0791				1.9		30.0			
Benzidine	0.2310 +++++	0.4007	0.3583	0.1025	0.1833	Ave		0.2552				48.4	*	15.0			
Pyrene	1.5299 1.3028	1.5003	1.2879	1.3537	1.2170	Ave		1.3653				9.1		15.0			
Butyl benzyl phthalate	0.6248 0.7098	0.6397	0.6388	0.6825	0.6614	Ave		0.6595				4.8		15.0			
Carbamazepine	0.2939 0.5742	0.4449	0.5238	0.5580	0.5709	QuaF		1.8449	-0.064						0.9996		0.9900
3,3'-Dichlorobenzidine	0.3619 0.3688	0.3886	0.4013	0.3546	0.3771	Ave		0.3754				4.6		15.0			
Benzo[a]anthracene	1.7564 1.0488	1.0974	1.0750	1.0461	1.0342	QuaF		0.9611	-0.002						0.9999		0.9900
Chrysene	1.0953 0.9887	1.1311	1.0696	1.0224	1.0098	Ave		1.0528				5.2		15.0			
Bis(2-ethylhexyl) phthalate	0.8179 0.9465	0.9056	0.8810	0.9384	0.9012	Ave		0.8984				5.2		15.0			
Di-n-octyl phthalate	1.5568 1.6216	1.4350	1.6389	1.7609	1.5641	Ave		1.5962				6.8		30.0			
Benzo[b]fluoranthene	1.3402 1.1799	1.0796	1.1048	1.2181	1.1342	Ave		1.1761				8.1		15.0			
Benzo[k]fluoranthene	1.6016 1.1811	1.2726	1.2601	1.1586	1.1622	Ave		1.2727				13.2		15.0			
Benzo[a]pyrene	1.0765 1.0265	0.9753	0.9776	0.9792	0.9678	Ave		1.0005				4.3		30.0			
Indeno[1,2,3-cd]pyrene	1.0380 1.1048	0.9528	0.9674	1.0907	1.0622	Ave		1.0360				6.1		15.0			
Dibenz(a,h)anthracene	0.8283 1.0622	1.0386	1.0081	1.0319	1.0341	Ave		1.0005				8.6		15.0			
Benzo[g,h,i]perylene	1.0540 1.0734	1.0932	1.0330	1.0540	1.0342	Ave		1.0570				2.2		15.0			
2-Fluorophenol	1.2493 1.3304	1.3431	1.3036	1.2806	1.3592	Ave		1.3110				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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 69223

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 01:00 Calibration End Date: 03/31/2011 03:56 Calibration ID: 10352

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								
Phenol-d5	1.5249 1.5707	1.6049	1.5988	1.5123	1.5474	Ave		1.5598				2.4		15.0			
Nitrobenzene-d5	0.3815 0.4017	0.4043	0.4044	0.4111	0.3964	Ave		0.3999				2.5		15.0			
2-Fluorobiphenyl	1.3862 1.2028	1.3603	1.3349	1.3261	1.2143	Ave		1.3041				5.9		15.0			
2,4,6-Tribromophenol	0.1143 0.1510	0.1332	0.1416	0.1429	0.1553	Ave		0.1397				10.5		15.0			
Terphenyl-d14	0.9971 0.8450	0.9436	0.8288	0.8712	0.7917	Ave		0.8796				8.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 69223

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 01:00 Calibration End Date: 03/31/2011 03:56 Calibration ID: 10352

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69223/4	p10129.d
Level 2	IC 460-69223/7	p10132.d
Level 3	IC 460-69223/6	p10131.d
Level 4	ICIS 460-69223/2	p10127.d
Level 5	IC 460-69223/5	p10130.d
Level 6	IC 460-69223/3	p10128.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
1,4-Dioxane	DCB	Ave	0 0	0	0	0	0	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	25954 507553	51864	103624	289175	347722	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	40486 834883	85149	174884	499385	586276	5.00 120	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	+++++ +++++	+++++	+++++	923	+++++	+++++ +++++	+++++	+++++	0.500	+++++
Benzaldehyde	DCB	Ave	31988 +++++	30413	47872	62455	61495	5.00 +++++	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	62150 1086106	116761	232631	629504	756552	5.00 120	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	57529 978278	108179	210051	555463	663368	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	Ave	4635 752841	80140	156536	441462	518476	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	45224 767877	83611	164529	445271	533348	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	Ave	43489 685448	80764	159843	427440	517114	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	49859 859811	98299	184431	513832	618336	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	51180 871842	97110	189780	517730	616209	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	20645 493756	45692	93691	243243	326882	5.00 120	10.0	20.0	50.0	80.0
1,2-Dichlorobenzene	DCB	Ave	46695 796717	90769	174986	487573	571992	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	38224 665743	73609	137003	375750	448018	5.00 120	10.0	20.0	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	48538 863312	95435	183772	490909	605909	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.: 460-24280-1 Analy Batch No.: 69223

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 01:00 Calibration End Date: 03/31/2011 03:56 Calibration ID: 10352

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	48581 850913	91590	183705	516035	600589	5.00 120	10.0	20.0	50.0	80.0
Acetophenone	DCB	Ave	53605 952694	98439	203701	572358	658847	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	2495 517941	52670	105880	299743	363567	0.500 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	Ave	42522 727915	78845	156285	424079	508280	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	Ave	42522 719311	78845	156285	418160	500662	5.00 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	1886 332899	36530	69438	199077	230623	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	Ave	5616 1047247	112163	215524	608601	724633	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	Ave	5705 1107006	120882	235974	655725	773473	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	65421 1333362	127249	261885	738685	886842	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	19238 424747	39162	82945	244692	290257	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	34750 628973	65887	131402	361710	430042	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	41986 841100	85206	170459	473356	568287	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	QuaF	5291 390050	14627	60978	226144	272486	5.00 120	10.0	20.0	50.0	80.0
2,4-Dichlorophenol	NPT	Ave	29685 584102	58030	121271	341532	400911	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	3517 658300	71165	136351	384114	451697	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	120637 2007486	230641	452390	1213424	1429929	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	42917 863414	83489	165635	481417	582275	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	3132 317425	32876	65728	185527	220320	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	7670 197830	17181	40075	117596	134558	5.00 120	10.0	20.0	50.0	80.0
4-Chloro-3-methylphenol	NPT	Ave	29955 627592	58484	118550	343126	413784	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	74154 1304502	142238	286195	777875	928543	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.: 460-24280-1 Analy Batch No.: 69223

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 01:00 Calibration End Date: 03/31/2011 03:56 Calibration ID: 10352

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-Methylnaphthalene	NPT	Ave	74207 1275771	140742	273116	780105	893030	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	Ave	11429 291485	21218	48563	159833	198520	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	28591 514596	52995	110566	296454	353553	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	50208 894699	92237	185992	525069	621182	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	18492 377715	36128	71398	205579	251051	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	18784 401296	36055	77803	214859	266243	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	Ave	92008 1518110	165649	336206	922801	1060889	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	66302 1224963	129485	250046	695703	824037	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	46025 874490	86067	170771	488882	590069	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	34492 405190	32786	85252	221702	258146	10.0 120	10.0	20.0	50.0	80.0
Dimethylnaphthalene, total	ANT	Ave	54130 965120	100131	201632	577240	674617	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	67551 1366766	132988	263440	740057	894601	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	21304 451387	42420	87301	246416	300331	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	2798 357901	29469	61819	183837	231767	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	102874 1893524	198340	392223	1088441	1298600	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	32939 392552	32927	66982	198383	252347	10.0 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	Ave	61875 1173523	120814	237685	662112	792974	5.00 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	53309 1003745	102705	212084	595787	706102	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	QuaF	12087 214817	19509	38090	85654	134172	15.0 120	20.0	30.0	50.0	80.0
4-Nitrophenol	ANT	QuaF	31809 289728	35185	61548	120261	189132	15.0 120	20.0	30.0	50.0	80.0
Dibenzofuran	ANT	Ave	95229 1688371	178634	349743	955495	1154718	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.: 460-24280-1 Analy Batch No.: 69223

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 01:00 Calibration End Date: 03/31/2011 03:56 Calibration ID: 10352

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
2,4-Dinitrotoluene	ANT	Ave	4144 466814	39868	79480	227651	300349	1.00 120	10.0	20.0	50.0	80.0
1-Naphthylamine	ANT	Ave	63407 1084695	114331	232593	591337	727257	5.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	11500 284045	24032	53510	145357	194802	5.00 120	10.0	20.0	50.0	80.0
2-Naphthylamine	ANT	Ave	70359 1190508	133147	248813	656236	810817	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	62773 1391689	129020	258724	718868	902088	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	Ave	71477 1349460	142686	284656	761498	928200	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	Ave	31536 602064	60474	122327	332748	408111	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	31794 370866	32496	58513	181857	240896	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	QuaF	23308 282580	33050	60093	117988	184676	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	Ave	47214 943317	91293	182560	483290	646852	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	Ave	81797 1592220	158285	319638	877923	1072791	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	15410 328222	29460	60305	171088	212173	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	1740 350917	32767	64023	176589	225453	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	Ave	16224 336224	30543	61013	177432	227577	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	QuaF	20498 241457	26929	49452	99280	155430	15.0 120	20.0	30.0	50.0	80.0
n-Octadecane	PHN	Ave	39396 776209	76900	162654	451434	556119	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	95500 1828317	185240	354419	957857	1224894	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	Ave	93347 1850537	179948	362498	974315	1261565	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	Ave	88831 1792853	168591	326151	892677	1195945	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	Ave	94503 2158033	191700	385065	1067711	1444847	5.00 120	10.0	20.0	50.0	80.0
Fluoranthene	PHN	Ave	86330 1793341	163207	327319	889695	1234886	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.: 460-24280-1 Analy Batch No.: 69223

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 01:00 Calibration End Date: 03/31/2011 03:56 Calibration ID: 10352

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
Benzidine	PHN	Ave	18421 +++++	119430	162629	86379	204783	5.00 +++++	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	90583 1809563	169976	335242	887329	1264902	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	36990 985864	72472	166271	447400	687456	5.00 120	10.0	20.0	50.0	80.0
Carbamazepine	CRY	QuaF	17399 797579	50407	136348	365774	593378	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	Ave	42850 512296	88043	156684	232468	391903	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	QuaF	10399 1456777	124333	279820	685715	1074932	0.500 120	10.0	20.0	50.0	80.0
Chrysene	CRY	Ave	64851 1373329	128149	278407	670163	1049600	5.00 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	48423 1314732	102602	229331	615083	936645	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	Ave	74691 2062345	149242	387288	977346	1480557	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	6430 1500554	112274	261085	676076	1073619	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	7684 1502123	132350	297787	643060	1100075	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	Ave	5165 1305552	101434	231030	543501	916084	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	4980 1405137	99088	228604	605351	1005452	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	Ave	3974 1350882	108008	238235	572739	978860	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	50569 1365113	113689	244119	584984	978983	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	38537 733012	77365	148616	416024	534244	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	47037 865395	92444	182274	491306	608242	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	41274 819109	80089	163967	474692	555394	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	78267 1396815	146300	289715	825263	955736	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	6452 175394	14329	30731	88915	122229	5.00 120	10.0	20.0	50.0	80.0
Terphenyl-d14	CRY	Ave	59033 1173634	106911	215740	571067	822881	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.: 460-24280-1 Analy Batch No.: 69223

SDG No.:

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/31/2011 01:00 Calibration End Date: 03/31/2011 03:56 Calibration ID: 10352

Curve Type Legend:

Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 69345

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2011 11:25 Calibration End Date: 04/02/2011 13:11 Calibration ID: 10376

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69345/4	u66409.d
Level 2	IC 460-69345/7	u66412.d
Level 3	IC 460-69345/6	u66411.d
Level 4	ICIS 460-69345/2	u66407.d
Level 5	IC 460-69345/5	u66410.d
Level 6	IC 460-69345/3	u66408.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								
1,4-Dioxane	0.8313 0.9849	0.9457	0.9031	1.0093	0.9284	Ave		0.9338				6.8		15.0			
N-Nitrosodimethylamine	1.3463 1.6074	1.4987	1.5286	1.6365	1.4650	Ave		1.5138				6.9		15.0			
Pyridine	2.1242 2.2523	2.1655	2.1155	2.3141	2.1077	Ave		2.1799				3.9		15.0			
Benzaldehyde	1.4012 0.1250	0.8307	0.7350	0.3955	0.1489	Ave		0.6060				80.3	*	15.0			
Phenol	2.4820 2.2106	2.4592	2.5864	2.3365	2.0374	Ave		2.3520				8.6		30.0			
Aniline	2.9869 +++++	2.9991	2.8889	2.5554	2.1916	Ave		2.7244				12.8		15.0			
Bis(2-chloroethyl)ether	2.1671 2.6833	1.8743	1.8640	1.6445	1.7660	QuaF		0.6876	-0.039						0.9981		0.9900
2-Chlorophenol	1.7140 1.4147	1.7261	1.7561	1.5862	1.4508	Ave		1.6080				9.2		15.0			
Decane	2.1822 1.3714	2.2353	2.0493	1.7048	1.4850	QuaF		0.4428	0.0710						0.9992		0.9900
1,3-Dichlorobenzene	1.6583 1.3864	1.7202	1.6630	1.5263	1.3559	Ave		1.5517				9.9		15.0			
1,4-Dichlorobenzene	1.5153 1.2839	1.5161	1.5587	1.3604	1.1832	Ave		1.4030				10.8		30.0			
Benzyl alcohol	1.1245 1.1890	1.2242	1.3030	1.2871	1.1323	Ave		1.2100				6.2		15.0			
1,2-Dichlorobenzene	1.5604 1.1628	1.5889	1.5350	1.3313	1.1494	Ave		1.3880				14.5		15.0			
2-Methylphenol	1.6581 1.4478	1.6679	1.8476	1.5832	1.4144	Ave		1.6032				9.9		15.0			
2,2'-oxybis[1-chloropropane]	3.2855 2.6613	3.5919	3.4808	2.8769	2.5359	Ave		3.0720				14.4		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 69345

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2011 11:25 Calibration End Date: 04/02/2011 13:11 Calibration ID: 10376

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	3.9414 1.8342	3.7673	3.8247	2.1754	1.8464	Ave		2.8982				36.1	*	15.0			
Acetophenone	2.0338 1.4919	1.8929	1.9158	1.5737	1.4207	Ave		1.7215				14.9		15.0			
3 & 4 Methylphenol	1.7889 1.3193	1.6979	1.7088	1.3830	1.2357	QuaF		0.7157	0.0136						0.9944		0.9900
4-Methylphenol	1.7889 1.3193	1.6979	1.7088	1.3738	1.2118	QuaF		0.7335	0.0093						0.9929		0.9900
N-Nitrosodi-n-propylamine	1.0261 0.8909	1.1286	1.1302	0.9314	0.8268	Ave		0.9890			0.0500	12.8		15.0			
Hexachloroethane	0.7157 0.5721	0.7373	0.7039	0.6470	0.5616	Ave		0.6563				11.5		15.0			
Nitrobenzene	0.6935 0.4313	0.6499	0.5494	0.4871	0.4388	QuaF		1.8554	0.3763						0.9983		0.9900
n,n'-Dimethylaniline	2.2265 1.6063	2.2786	2.1187	1.7907	1.5701	QuaF		0.5273	0.0216						0.9959		0.9900
Isophorone	0.9556 0.8765	1.0415	1.0046	0.9600	0.9178	Ave		0.9593				6.1		15.0			
2-Nitrophenol	0.2437 0.2421	0.2729	0.2613	0.2532	0.2402	Ave		0.2522				5.1		30.0			
2,4-Dimethylphenol	0.4408 0.3571	0.4468	0.4318	0.4145	0.3577	Ave		0.4081				10.0		15.0			
Bis(2-chloroethoxy)methane	0.5972 0.5065	0.6116	0.5579	0.5421	0.4976	Ave		0.5522				8.4		15.0			
Benzoic acid	0.2027 +++++	0.1930	0.1878	0.2017	0.1907	Ave		0.1952				3.4		15.0			
2,3,7,8-TCDD (Screen)	+++++ +++++	+++++	+++++	0.2850	+++++	Ave		0.2850						15.0			
2,4-Dichlorophenol	0.3574 0.2900	0.3814	0.3610	0.3159	0.2976	Ave		0.3339				11.3		30.0			
1,2,4-Trichlorobenzene	0.3472 0.2825	0.3706	0.3400	0.3146	0.3005	Ave		0.3259				10.0		15.0			
Naphthalene	1.1647 0.8510	1.1862	1.0273	0.9421	0.8721	Ave		1.0072				14.3		15.0			
4-Chloroaniline	0.5459 0.4248	0.5233	0.5040	0.4664	0.4242	Ave		0.4814				10.6		15.0			
Hexachlorobutadiene	0.1385 0.1320	0.1567	0.1500	0.1471	0.1361	Ave		0.1434				6.5		30.0			
Caprolactam	0.1745 0.1499	0.1502	0.1575	0.1638	0.1592	Ave		0.1592				5.8		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 69345

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2011 11:25 Calibration End Date: 04/02/2011 13:11 Calibration ID: 10376

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-Chloro-3-methylphenol	0.3871 0.3417	0.4023	0.3992	0.3632	0.3375	Ave		0.3718				7.7		30.0			
2-Methylnaphthalene	0.7650 0.5892	0.7925	0.7772	0.6681	0.6051	Ave		0.6995				13.0		15.0			
1-Methylnaphthalene	0.7879 0.5424	0.7693	0.7239	0.6392	0.5633	QuaF		1.3581	0.3087						0.9987		0.9900
Hexachlorocyclopentadiene	0.3096 0.2694	0.2576	0.2344	0.2767	0.2497	Ave		0.2663			0.0500	9.7		15.0			
1,2,4,5-Tetrachlorobenzene	0.5418 0.3907	0.4942	0.4497	0.4103	0.3802	Ave		0.4445				14.3		30.0			
2-tertbutyl-4-methylphenol	0.5077 0.3600	0.4809	0.4496	0.4133	0.3759	Ave		0.4312				13.6		15.0			
2,4,6-Trichlorophenol	0.3536 0.4092	0.3750	0.3726	0.3652	0.3589	Ave		0.3724				5.3		30.0			
2,4,5-Trichlorophenol	0.3854 0.3453	0.3858	0.3594	0.3521	0.3369	Ave		0.3608				5.7		15.0			
Diphenyl	1.6554 1.1679	1.6871	1.4608	1.2898	1.1776	QuaF		0.7126	0.0435						0.9984		0.9900
2-Chloronaphthalene	1.3102 1.0325	1.3164	1.0805	1.1304	0.9587	Ave		1.1381				12.9		15.0			
Diphenyl ether	0.8965 0.7361	0.8588	0.8320	0.7962	0.7496	Ave		0.8115				7.7		15.0			
2-Nitroaniline	0.4460 0.4989	0.5339	0.4720	0.4573	0.4539	Ave		0.4770				7.0		15.0			
1,3-Dimethylnaphthalene	1.0997 0.8559	1.0765	0.9496	0.9210	0.8794	Ave		0.9637				10.6		15.0			
Dimethyl phthalate	1.5152 1.2578	1.4919	1.3578	1.2459	1.2025	Ave		1.3452				9.9		15.0			
Coumarin	0.3127 0.2093	0.2937	0.2823	0.2424	0.2505	Ave		0.2652				14.3		15.0			
2,6-Dinitrotoluene	0.2542 0.3243	0.3548	0.3392	0.3403	0.3253	Ave		0.3230				11.0		15.0			
Acenaphthylene	2.0722 1.5932	1.9765	1.7849	1.6791	1.5957	Ave		1.7836				11.3		15.0			
3-Nitroaniline	0.4230 0.4127	0.4398	0.4270	0.4107	0.4155	Ave		0.4215				2.6		15.0			
3,5-di-tert-butyl-4-hydroxytol	0.6570 0.5404	0.6760	0.6142	0.5665	0.5332	Ave		0.5979				10.1		15.0			
Acenaphthene	1.1632 0.7960	1.0961	0.9710	0.8598	0.7952	QuaF		1.0904	0.0746						0.9985		0.9900

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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 69345

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2011 11:25 Calibration End Date: 04/02/2011 13:11 Calibration ID: 10376

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								
2,4-Dinitrophenol	0.0956 0.2229	0.1214	0.1328	0.1569	0.2039	QuaF		6.7776	-3.551		0.0500				0.9921		0.9900
4-Nitrophenol	0.2767 0.3014	0.2890	0.2789	0.2793	0.3596	Ave		0.2975			0.0500	10.7		15.0			
2,4-Dinitrotoluene	0.3689 0.3591	0.4666	0.4385	0.3872	0.3872	Ave		0.4013				10.5		15.0			
Dibenzofuran	1.8058 1.3864	1.8233	1.6066	1.3757	1.3653	Ave		1.5605				13.9		15.0			
1-Naphthylamine	1.2389 0.9706	1.2214	1.0905	1.0886	0.9773	Ave		1.0979				10.5		30.0			
2,3,4,6-Tetrachlorophenol	0.3174 0.2850	0.3121	0.2919	0.2852	0.2865	Ave		0.2964				4.9		30.0			
2-Naphthylamine	1.2960 0.8889	1.2208	1.1044	0.9918	0.9486	Ave		1.0751				14.9		15.0			
Diethyl phthalate	1.4327 1.1200	1.3697	1.2370	1.1164	1.0957	Ave		1.2286				11.7		15.0			
4-Chlorophenyl phenyl ether	0.5389 0.3736	0.5294	0.4635	0.4144	0.3860	QuaF		2.1651	0.4727						0.9994		0.9900
Fluorene	1.3663 0.9288	1.3491	1.1745	0.9996	0.9480	QuaF		0.9003	0.0666						0.9988		0.9900
4-Nitroaniline	0.4245 0.3161	0.4414	0.3785	0.3665	0.3967	Ave		0.3873				11.5		15.0			
4,6-Dinitro-2-methylphenol	0.1405 0.1586	0.1550	0.1616	0.1660	0.1738	Ave		0.1592				7.1		15.0			
N-Nitrosodiphenylamine	0.9131 0.5274	0.8369	0.7814	0.6741	0.5529	QuaF		1.1706	0.4741						0.9964		0.9900
1,2-Diphenylhydrazine	1.5267 1.0864	1.5649	1.4485	1.2355	1.0904	QuaF		0.7347	0.0606						0.9972		0.9900
4-Bromophenyl phenyl ether	0.2785 0.2362	0.2757	0.2772	0.2624	0.2153	Ave		0.2576				10.2		15.0			
Hexachlorobenzene	0.2774 0.2321	0.3015	0.2847	0.2619	0.2161	Ave		0.2623				12.4		15.0			
Atrazine	0.2282 0.1577	0.2259	0.2158	0.1959	0.1624	QuaF		4.3955	4.2648						0.9964		0.9900
Pentachlorophenol	0.1892 0.1830	0.1880	0.1908	0.1850	0.1784	Ave		0.1857				2.5		30.0			
n-Octadecane	0.9916 0.5776	0.9548	0.9172	0.7957	0.6072	QuaF		0.9122	0.4859						0.9919		0.9900
Phenanthrene	1.3578 1.0138	1.3088	1.2523	1.1308	0.9520	Ave		1.1692				14.0		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 69345

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2011 11:25 Calibration End Date: 04/02/2011 13:11 Calibration ID: 10376

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								
Anthracene	1.4534 0.9778	1.4458	1.3535	1.1580	0.9653	QuaF		0.7866	0.0861						0.9943		0.9900
Carbazole	1.5941 1.0055	1.5743	1.4299	1.2013	1.0434	QuaF		0.6948	0.1035						0.9978		0.9900
Di-n-butyl phthalate	2.0502 1.2790	1.9883	1.8320	1.5691	1.2786	QuaF		0.5572	0.0619						0.9936		0.9900
Fluoranthene	1.3890 0.8508	1.4182	1.2703	1.0377	0.9288	QuaF		0.7216	0.1807						0.9995		0.9900
Benzidine	0.4905 0.1241	0.6744	0.4174	0.1885	0.1678	Ave		0.3438				63.7	*	15.0			
Pyrene	1.3515 1.6043	1.4347	1.4999	1.5129	1.4323	Ave		1.4726				5.9		15.0			
Butyl benzyl phthalate	0.8822 0.9545	0.9753	0.9657	0.9735	0.9286	Ave		0.9466				3.8		15.0			
Carbamazepine	0.4638 0.4466	0.5286	0.4235	0.4694	0.5146	Ave		0.4744				8.5		15.0			
3,3'-Dichlorobenzidine	0.4883 0.3910	0.5063	0.4410	0.4259	0.4283	Ave		0.4468				9.6		15.0			
Benzo[a]anthracene	1.4256 1.1090	1.3229	1.1910	1.2062	1.1384	Ave		1.2322				9.7		15.0			
Bis(2-ethylhexyl) phthalate	1.0288 0.9607	1.0700	0.9998	1.0075	0.9245	Ave		0.9986				5.1		15.0			
Chrysene	1.0374 0.9066	1.1346	1.0180	0.9784	0.9483	Ave		1.0039				7.9		15.0			
Di-n-octyl phthalate	2.0772 2.4992	2.3649	2.5625	2.7149	2.5162	Ave		2.4558				8.8		30.0			
Benzo[b]fluoranthene	1.4159 1.5218	1.3892	1.3727	1.3434	1.4724	Ave		1.4192				4.7		15.0			
Benzo[k]fluoranthene	1.3553 1.1260	1.4817	1.4448	1.3968	1.2015	Ave		1.3344				10.6		15.0			
Benzo[a]pyrene	0.9381 1.1366	1.2513	1.1347	1.1025	1.0392	Ave		1.1004				9.6		30.0			
Indeno[1,2,3-cd]pyrene	0.7226 0.8683	0.8709	0.7351	0.7496	0.7330	Ave		0.7799				9.0		15.0			
Dibenz(a,h)anthracene	0.6941 0.7563	0.8730	0.7167	0.6941	0.6560	Ave		0.7317				10.5		15.0			
Benzo[g,h,i]perylene	0.8065 0.8865	0.8369	0.6735	0.7417	0.6685	Ave		0.7689				11.6		15.0			
2-Fluorophenol	1.9789 2.2069	2.1072	2.0399	2.1914	2.0794	Ave		2.1006				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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 69345

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2011 11:25 Calibration End Date: 04/02/2011 13:11 Calibration ID: 10376

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								
Phenol-d5	2.5409 2.2037	2.6237	2.5137	2.4293	2.2646	Ave		2.4293				6.8		15.0			
Nitrobenzene-d5	0.4785 0.3845	0.4754	0.4679	0.4473	0.4044	Ave		0.4430				9.0		15.0			
2-Fluorobiphenyl	1.5619 1.1501	1.5022	1.3622	1.2651	1.1516	Ave		1.3322				13.1		15.0			
2,4,6-Tribromophenol	0.1985 0.1868	0.2218	0.2076	0.1990	0.2010	Ave		0.2024				5.7		15.0			
Terphenyl-d14	1.0080 1.1253	1.0522	1.1360	1.1276	1.0474	Ave		1.0827				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.: 460-24280-1 Analy Batch No.: 69345

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2011 11:25 Calibration End Date: 04/02/2011 13:11 Calibration ID: 10376

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-69345/4	u66409.d
Level 2	IC 460-69345/7	u66412.d
Level 3	IC 460-69345/6	u66411.d
Level 4	ICIS 460-69345/2	u66407.d
Level 5	IC 460-69345/5	u66410.d
Level 6	IC 460-69345/3	u66408.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
1,4-Dioxane	DCB	Ave	24217 631871	61303	96792	297407	418028	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodimethylamine	DCB	Ave	39220 1031218	97147	163840	482234	659626	5.00 120	10.0	20.0	50.0	80.0
Pyridine	DCB	Ave	61879 1444928	140369	226740	681881	949027	5.00 120	10.0	20.0	50.0	80.0
Benzaldehyde	DCB	Ave	40819 80205	53844	78773	116554	67026	5.00 120	10.0	20.0	50.0	80.0
Phenol	DCB	Ave	72302 1418216	159409	277212	688482	917376	5.00 120	10.0	20.0	50.0	80.0
Aniline	DCB	Ave	87009 +++++	194406	309634	752987	986779	5.00 +++++	10.0	20.0	50.0	80.0
Bis(2-chloroethyl)ether	DCB	QuaF	6313 1721486	121496	199785	484588	795139	0.500 120	10.0	20.0	50.0	80.0
2-Chlorophenol	DCB	Ave	49930 907609	111886	188223	467402	653239	5.00 120	10.0	20.0	50.0	80.0
Decane	DCB	QuaF	63568 879827	144892	219647	502353	668654	5.00 120	10.0	20.0	50.0	80.0
1,3-Dichlorobenzene	DCB	Ave	48307 889456	111504	178237	449748	610511	5.00 120	10.0	20.0	50.0	80.0
1,4-Dichlorobenzene	DCB	Ave	44143 823682	98277	167065	400859	532761	5.00 120	10.0	20.0	50.0	80.0
Benzyl alcohol	DCB	Ave	32757 762791	79351	139657	379279	509846	5.00 120	10.0	20.0	50.0	80.0
1,2-Dichlorobenzene	DCB	Ave	45456 745977	102995	164518	392300	517524	5.00 120	10.0	20.0	50.0	80.0
2-Methylphenol	DCB	Ave	48302 928848	108117	198027	466506	636866	5.00 120	10.0	20.0	50.0	80.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	95708 1707342	232830	373075	847738	1141798	5.00 120	10.0	20.0	50.0	80.0
o-Toluidine	DCB	Ave	114816 1176715	244202	409935	641026	831354	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.: 460-24280-1 Analy Batch No.: 69345

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2011 11:25 Calibration End Date: 04/02/2011 13:11 Calibration ID: 10376

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
Acetophenone	DCB	Ave	59247 957114	122698	205336	463722	639675	5.00 120	10.0	20.0	50.0	80.0
3 & 4 Methylphenol	DCB	QuaF	52112 846412	110063	183153	407525	556383	5.00 120	10.0	20.0	50.0	80.0
4-Methylphenol	DCB	QuaF	52112 846412	110063	183153	404824	545612	5.00 120	10.0	20.0	50.0	80.0
N-Nitrosodi-n-propylamine	DCB	Ave	2989 571586	73155	121137	274441	372279	0.500 120	10.0	20.0	50.0	80.0
Hexachloroethane	DCB	Ave	2085 367043	47790	75448	190651	252886	0.500 120	10.0	20.0	50.0	80.0
Nitrobenzene	NPT	QuaF	6597 1005774	135967	210060	491431	666531	0.500 120	10.0	20.0	50.0	80.0
n,n'-Dimethylaniline	DCB	QuaF	6486 1030518	147699	227084	527654	706936	0.500 120	10.0	20.0	50.0	80.0
Isophorone	NPT	Ave	90904 2043889	217877	384110	968571	1394225	5.00 120	10.0	20.0	50.0	80.0
2-Nitrophenol	NPT	Ave	23184 564628	57094	99899	255451	364880	5.00 120	10.0	20.0	50.0	80.0
2,4-Dimethylphenol	NPT	Ave	41932 832800	93477	165077	418177	543453	5.00 120	10.0	20.0	50.0	80.0
Bis(2-chloroethoxy)methane	NPT	Ave	56810 1181030	127959	213316	546919	755881	5.00 120	10.0	20.0	50.0	80.0
Benzoic acid	NPT	Ave	19279 +++++	40369	71807	203454	289765	5.00 +++++	10.0	20.0	50.0	80.0
2,3,7,8-TCDD (Screen)	CRY	Ave	+++++ +++++	+++++	+++++	1267	+++++	+++++ +++++	+++++	+++++	0.500	+++++
2,4-Dichlorophenol	NPT	Ave	34004 676178	79795	138007	318735	452063	5.00 120	10.0	20.0	50.0	80.0
1,2,4-Trichlorobenzene	NPT	Ave	3303 658772	77525	130010	317443	456465	0.500 120	10.0	20.0	50.0	80.0
Naphthalene	NPT	Ave	110803 1984466	248155	392771	950435	1324884	5.00 120	10.0	20.0	50.0	80.0
4-Chloroaniline	NPT	Ave	51930 990455	109484	192684	470500	644400	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobutadiene	NPT	Ave	2636 307785	32783	57362	148357	206816	1.00 120	10.0	20.0	50.0	80.0
Caprolactam	NPT	Ave	16596 349578	31421	60221	165301	241822	5.00 120	10.0	20.0	50.0	80.0
4-Chloro-3-methylphenol	NPT	Ave	36829 796735	84166	152647	366460	512685	5.00 120	10.0	20.0	50.0	80.0
2-Methylnaphthalene	NPT	Ave	72777 1373839	165797	297154	674045	919214	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.: 460-24280-1 Analy Batch No.: 69345

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2011 11:25 Calibration End Date: 04/02/2011 13:11 Calibration ID: 10376

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-Methylnaphthalene	NPT	QuaF	74951 1264900	160939	276781	644893	855756	5.00 120	10.0	20.0	50.0	80.0
Hexachlorocyclopentadiene	ANT	Ave	16239 317592	29353	52538	150842	204575	5.00 120	10.0	20.0	50.0	80.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	28415 460484	56302	100793	223681	311447	5.00 120	10.0	20.0	50.0	80.0
2-tertbutyl-4-methylphenol	NPT	Ave	48298 839433	100602	171904	417005	571095	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Trichlorophenol	ANT	Ave	18545 482371	42728	83520	199093	294048	5.00 120	10.0	20.0	50.0	80.0
2,4,5-Trichlorophenol	ANT	Ave	20215 407041	43954	80568	191916	275949	5.00 120	10.0	20.0	50.0	80.0
Diphenyl	ANT	QuaF	86824 1376672	192212	327424	703057	964676	5.00 120	10.0	20.0	50.0	80.0
2-Chloronaphthalene	ANT	Ave	68717 1217065	149977	242182	616160	785396	5.00 120	10.0	20.0	50.0	80.0
Diphenyl ether	ANT	Ave	47020 867693	97848	186492	434004	614074	5.00 120	10.0	20.0	50.0	80.0
2-Nitroaniline	ANT	Ave	46787 588083	60830	105796	249287	371816	10.0 120	10.0	20.0	50.0	80.0
1,3-Dimethylnaphthalene	ANT	Ave	57677 1008925	122646	212847	502048	720420	5.00 120	10.0	20.0	50.0	80.0
Dimethyl phthalate	ANT	Ave	79470 1482632	169976	304346	679146	985043	5.00 120	10.0	20.0	50.0	80.0
Coumarin	NPT	Ave	29751 488065	61435	107948	244513	380594	5.00 120	10.0	20.0	50.0	80.0
2,6-Dinitrotoluene	ANT	Ave	2666 382271	40429	76039	185479	266474	1.00 120	10.0	20.0	50.0	80.0
Acenaphthylene	ANT	Ave	108682 1877914	225190	400075	915291	1307177	5.00 120	10.0	20.0	50.0	80.0
3-Nitroaniline	ANT	Ave	44371 486466	50112	95712	223872	340375	10.0 120	10.0	20.0	50.0	80.0
3,5-di-tert-butyl-4-hydroxytol	ANT	Ave	34458 636942	77017	137665	308787	436831	5.00 120	10.0	20.0	50.0	80.0
Acenaphthene	ANT	QuaF	61009 938320	124883	217637	468654	651397	5.00 120	10.0	20.0	50.0	80.0
2,4-Dinitrophenol	ANT	QuaF	15047 262703	27655	44633	85532	167000	15.0 120	20.0	30.0	50.0	80.0
4-Nitrophenol	ANT	Ave	43534 355250	65851	93782	152222	294613	15.0 120	20.0	30.0	50.0	80.0
2,4-Dinitrotoluene	ANT	Ave	3870 423296	53162	98286	211061	317167	1.00 120	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.: 460-24280-1 Analy Batch No.: 69345

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2011 11:25 Calibration End Date: 04/02/2011 13:11 Calibration ID: 10376

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
Dibenzofuran	ANT	Ave	94709 1634247	207731	360109	749921	1118441	5.00 120	10.0	20.0	50.0	80.0
1-Naphthylamine	ANT	Ave	64976 1144020	139154	244421	593413	800635	5.00 120	10.0	20.0	50.0	80.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	16647 335992	35562	65435	155462	234715	5.00 120	10.0	20.0	50.0	80.0
2-Naphthylamine	ANT	Ave	67971 1047785	139090	247536	540617	777106	5.00 120	10.0	20.0	50.0	80.0
Diethyl phthalate	ANT	Ave	75143 1320182	156053	277273	608551	897564	5.00 120	10.0	20.0	50.0	80.0
4-Chlorophenyl phenyl ether	ANT	QuaF	28265 440401	60312	103887	225895	316229	5.00 120	10.0	20.0	50.0	80.0
Fluorene	ANT	QuaF	71659 1094840	153709	263257	544905	776619	5.00 120	10.0	20.0	50.0	80.0
4-Nitroaniline	ANT	Ave	44529 372544	50286	84840	199800	324950	10.0 120	10.0	20.0	50.0	80.0
4,6-Dinitro-2-methylphenol	PHN	Ave	27478 251606	44642	63824	112229	203371	15.0 120	20.0	30.0	50.0	80.0
N-Nitrosodiphenylamine	PHN	QuaF	59521 836592	120540	205779	455749	647157	5.00 120	10.0	20.0	50.0	80.0
1,2-Diphenylhydrazine	PHN	QuaF	99516 1723406	225393	381470	835353	1276210	5.00 120	10.0	20.0	50.0	80.0
4-Bromophenyl phenyl ether	PHN	Ave	18152 374665	39716	72993	177437	252022	5.00 120	10.0	20.0	50.0	80.0
Hexachlorobenzene	PHN	Ave	1808 368162	43425	74984	177092	252978	0.500 120	10.0	20.0	50.0	80.0
Atrazine	PHN	QuaF	14875 250165	32530	56818	132478	190124	5.00 120	10.0	20.0	50.0	80.0
Pentachlorophenol	PHN	Ave	36994 290273	54162	75376	125094	208805	15.0 120	20.0	30.0	50.0	80.0
n-Octadecane	PHN	QuaF	64639 916303	137520	241540	537965	710664	5.00 120	10.0	20.0	50.0	80.0
Phenanthrene	PHN	Ave	88507 1608277	188509	329791	764520	1114238	5.00 120	10.0	20.0	50.0	80.0
Anthracene	PHN	QuaF	94740 1551196	208239	356445	782951	1129858	5.00 120	10.0	20.0	50.0	80.0
Carbazole	PHN	QuaF	103908 1595065	226749	376552	812215	1221226	5.00 120	10.0	20.0	50.0	80.0
Di-n-butyl phthalate	PHN	QuaF	133639 2028904	286380	482463	1060895	1496586	5.00 120	10.0	20.0	50.0	80.0
Fluoranthene	PHN	QuaF	90542 1349699	204257	334528	701603	1087068	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.: 460-24280-1 Analy Batch No.: 69345

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2011 11:25 Calibration End Date: 04/02/2011 13:11 Calibration ID: 10376

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
Benzidine	PHN	Ave	31976 196893	194260	164898	127422	196345	5.00 120	20.0	30.0	50.0	80.0
Pyrene	CRY	Ave	92820 1342752	195809	313908	672611	1037529	5.00 120	10.0	20.0	50.0	80.0
Butyl benzyl phthalate	CRY	Ave	60589 798894	133106	202109	432778	672675	5.00 120	10.0	20.0	50.0	80.0
Carbamazepine	CRY	Ave	31852 373839	72140	88639	208691	372788	5.00 120	10.0	20.0	50.0	80.0
3,3'-Dichlorobenzidine	CRY	Ave	67064 327247	138191	138444	189350	310236	10.0 120	20.0	30.0	50.0	80.0
Benzo[a]anthracene	CRY	Ave	9791 928243	180554	249256	536253	824593	0.500 120	10.0	20.0	50.0	80.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	70659 804095	146042	209254	447923	669678	5.00 120	10.0	20.0	50.0	80.0
Chrysene	CRY	Ave	71249 758807	154857	213061	434964	686912	5.00 120	10.0	20.0	50.0	80.0
Di-n-octyl phthalate	PRY	Ave	123716 1477045	277833	390154	861754	1364177	5.00 120	10.0	20.0	50.0	80.0
Benzo[b]fluoranthene	PRY	Ave	8433 899412	163207	208998	426398	798273	0.500 120	10.0	20.0	50.0	80.0
Benzo[k]fluoranthene	PRY	Ave	8072 665487	174071	219982	443375	651441	0.500 120	10.0	20.0	50.0	80.0
Benzo[a]pyrene	PRY	Ave	5587 671730	146999	172760	349958	563425	0.500 120	10.0	20.0	50.0	80.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	4304 513154	102316	111914	237934	397394	0.500 120	10.0	20.0	50.0	80.0
Dibenz(a,h)anthracene	PRY	Ave	4134 446960	102559	109122	220327	355645	0.500 120	10.0	20.0	50.0	80.0
Benzo[g,h,i]perylene	PRY	Ave	48037 523909	98313	102544	235417	362415	5.00 120	10.0	20.0	50.0	80.0
2-Fluorophenol	DCB	Ave	57647 1415812	136594	218638	645747	936278	5.00 120	10.0	20.0	50.0	80.0
Phenol-d5	DCB	Ave	74017 1413755	170073	269420	715841	1019648	5.00 120	10.0	20.0	50.0	80.0
Nitrobenzene-d5	NPT	Ave	45522 896529	99445	178913	451289	614337	5.00 120	10.0	20.0	50.0	80.0
2-Fluorobiphenyl	ANT	Ave	81919 1355620	171150	305335	689586	943388	5.00 120	10.0	20.0	50.0	80.0
2,4,6-Tribromophenol	ANT	Ave	10411 220161	25265	46529	108457	164660	5.00 120	10.0	20.0	50.0	80.0
Terphenyl-d14	CRY	Ave	69226 941843	143607	237759	501275	758736	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.: 460-24280-1 Analy Batch No.: 69345

SDG No.:

Instrument ID: BNAMS4 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/02/2011 11:25 Calibration End Date: 04/02/2011 13:11 Calibration ID: 10376

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.: 460-24280-1

SDG No.:

Lab Sample ID: CCVIS 460-69508/2 Calibration Date: 04/02/2011 05:00

Instrument ID: BNAMS10 Calib Start Date: 03/31/2011 01:00

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/31/2011 03:56

Lab File ID: p10190.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave		0.0000		10.0	50000		20.0
N-Nitrosodimethylamine	Ave	0.8911	0.9293		52100	50000	4.3	20.0
Pyridine	Ave	1.478	1.621		54800	50000	9.7	20.0
Benzaldehyde	Ave	0.4667	0.1911		20500	50000	-59.1*	20.0
Aniline	Ave	1.986	1.920		48300	50000	-3.3	20.0
Phenol	Ave	1.793	1.708		47600	50000	-4.7	20.0
Bis(2-chloroethyl)ether	Ave	1.385	1.317		47500	50000	-4.9	20.0
2-Chlorophenol	Ave	1.414	1.377		48700	50000	-2.6	20.0
Decane	Ave	1.348	1.359		50400	50000	0.8	20.0
1,3-Dichlorobenzene	Ave	1.609	1.594		49500	50000	-1.0	20.0
1,4-Dichlorobenzene	Ave	1.626	1.578		48500	50000	-2.9	20.0
Benzyl alcohol	Ave	0.7935	0.7740		48800	50000	-2.5	20.0
1,2-Dichlorobenzene	Ave	1.504	1.483		49300	50000	-1.4	20.0
2-Methylphenol	Ave	1.204	1.118		46400	50000	-7.1	20.0
2,2'-oxybis[1-chloropropane]	Ave	1.577	1.468		46500	50000	-6.9	20.0
o-Toluidine	Ave	1.573	1.555		49400	50000	-1.1	20.0
Acetophenone	Ave	1.733	1.687		48700	50000	-2.7	20.0
N-Nitrosodi-n-propylamine	Ave	0.9066	0.8820	0.0500	48600	50000	-2.7	20.0
3 & 4 Methylphenol	Ave	1.340	1.226		45800	50000	-8.5	20.0
4-Methylphenol	Ave	1.331	1.222		45900	50000	-8.2	20.0
Hexachloroethane	Ave	0.6097	0.6201		50900	50000	1.7	20.0
Nitrobenzene	Ave	0.5291	0.5317		50200	50000	0.5	20.0
n,n'-Dimethylaniline	Ave	2.002	1.944		48500	50000	-2.9	20.0
Isophorone	Ave	0.6366	0.6290		49400	50000	-1.2	20.0
2-Nitrophenol	Ave	0.2012	0.2168		53900	50000	7.7	20.0
2,4-Dimethylphenol	Ave	0.3178	0.3180		50000	50000	0.0	20.0
Bis(2-chloroethoxy)methane	Ave	0.4111	0.4049		49200	50000	-1.5	20.0
Benzoic acid	QuaF	0.1425	0.1681		44300	50000	-11.4	20.0
2,4-Dichlorophenol	Ave	0.2891	0.2945		50900	50000	1.9	20.0
1,2,4-Trichlorobenzene	Ave	0.3331	0.3320		49800	50000	-0.3	20.0
Naphthalene	Ave	1.075	1.066		49600	50000	-0.9	20.0
4-Chloroaniline	Ave	0.4138	0.4132		49900	50000	-0.1	20.0
Hexachlorobutadiene	Ave	0.1577	0.1595		50500	50000	1.1	20.0
Caprolactam	Ave	0.0919	0.1051		57200	50000	14.4	20.0
4-Chloro-3-methylphenol	Ave	0.2941	0.2925		49700	50000	-0.6	20.0
2-Methylnaphthalene	Ave	0.6809	0.6617		48600	50000	-2.8	20.0
1-Methylnaphthalene	Ave	0.6681	0.6601		49400	50000	-1.2	20.0
Hexachlorocyclopentadiene	Ave	0.2306	0.2592	0.0500	56200	50000	12.4	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.4795	0.4705		49100	50000	-1.9	20.0
2-tertbutyl-4-methylphenol	Ave	0.4542	0.4432		48800	50000	-2.4	20.0
2,4,6-Trichlorophenol	Ave	0.3278	0.3260		49700	50000	-0.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVIS 460-69508/2 Calibration Date: 04/02/2011 05:00

Instrument ID: BNAMS10 Calib Start Date: 03/31/2011 01:00

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/31/2011 03:56

Lab File ID: p10190.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	0.3426	0.3488		50900	50000	1.8	20.0
Diphenyl	Ave	1.476	1.480		50100	50000	0.3	20.0
2-Chloronaphthalene	Ave	1.125	1.113		49500	50000	-1.0	20.0
Diphenyl ether	Ave	0.7818	0.7790		49800	50000	-0.4	20.0
2-Nitroaniline	Ave	0.3394	0.3986		58700	50000	17.5	20.0
Dimethylnaphthalene, total	Ave	0.9057	0.9087		50200	50000	0.3	20.0
Coumarin	Ave	0.2126	0.2106		49500	50000	-0.9	20.0
Dimethyl phthalate	Ave	1.192	1.173		49200	50000	-1.5	20.0
2,6-Dinitrotoluene	Ave	0.2841	0.2958		52000	50000	4.1	20.0
Acenaphthylene	Ave	1.750	1.745		49900	50000	-0.3	20.0
3-Nitroaniline	Ave	0.3140	0.3200		51000	50000	1.9	20.0
Acenaphthene	Ave	1.066	1.053		49400	50000	-1.2	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.9325	0.9153		49100	50000	-1.8	20.0
2,4-Dinitrophenol	QuaF	0.1287	0.1268	0.0500	45500	50000	-9.0	20.0
4-Nitrophenol	QuaF	0.2039	0.2031	0.0500	49200	50000	-1.6	20.0
Dibenzofuran	Ave	1.569	1.542		49100	50000	-1.7	20.0
2,4-Dinitrotoluene	Ave	0.3755	0.3760		50100	50000	0.1	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2332	0.2336		50100	50000	0.1	20.0
2-Naphthylamine	Ave	1.123	1.051		46800	50000	-6.5	20.0
Diethyl phthalate	Ave	1.167	1.159		49700	50000	-0.7	20.0
Fluorene	Ave	1.245	1.253		50300	50000	0.7	20.0
4-Chlorophenyl phenyl ether	Ave	0.5427	0.5341		49200	50000	-1.6	20.0
4-Nitroaniline	Ave	0.2952	0.2927		49600	50000	-0.8	20.0
4,6-Dinitro-2-methylphenol	QuaF	0.1354	0.1369		47700	50000	-4.7	20.0
N-Nitrosodiphenylamine	Ave	0.5858	0.5750		49100	50000	-1.8	20.0
1,2-Diphenylhydrazine	Ave	1.014	1.023		50500	50000	0.9	20.0
4-Bromophenyl phenyl ether	Ave	0.1960	0.1982		50600	50000	1.1	20.0
Hexachlorobenzene	Ave	0.2112	0.2097		49600	50000	-0.7	20.0
Atrazine	Ave	0.2037	0.2092		51400	50000	2.7	20.0
Pentachlorophenol	QuaF	0.1140	0.1132		47100	50000	-5.7	20.0
n-Octadecane	Ave	0.5062	0.5203		51400	50000	2.8	20.0
Phenanthrene	Ave	1.153	1.145		49600	50000	-0.7	20.0
Anthracene	Ave	1.158	1.167		50400	50000	0.7	20.0
Carbazole	Ave	1.084	1.098		50600	50000	1.3	20.0
Di-n-butyl phthalate	Ave	1.262	1.271		50400	50000	0.7	20.0
Fluoranthene	Ave	1.079	1.078		49900	50000	-0.1	20.0
Benzidine	Ave	0.2552	0.1065		20900	50000	-58.3*	20.0
Pyrene	Ave	1.365	1.388		50900	50000	1.7	20.0
Butyl benzyl phthalate	Ave	0.6595	0.7001		53100	50000	6.2	20.0
2,3,7,8-TCDD (Screen)	Ave	0.1408	0.1095		389	500	-22.2*	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVIS 460-69508/2 Calibration Date: 04/02/2011 05:00

Instrument ID: BNAMS10 Calib Start Date: 03/31/2011 01:00

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/31/2011 03:56

Lab File ID: p10190.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	QuaF	0.4943	0.5834		52500	50000	4.9	20.0
3,3'-Dichlorobenzidine	Ave	0.3754	0.3701		49300	50000	-1.4	20.0
Benzo[a]anthracene	QuaF	1.176	1.057		50700	50000	1.4	20.0
Chrysene	Ave	1.053	1.042		49500	50000	-1.0	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.8984	0.9277		51600	50000	3.3	20.0
Di-n-octyl phthalate	Ave	1.596	1.691		53000	50000	5.9	20.0
Benzo[b]fluoranthene	Ave	1.176	1.110		47200	50000	-5.6	20.0
Benzo[k]fluoranthene	Ave	1.273	1.222		48000	50000	-4.0	20.0
Benzo[a]pyrene	Ave	1.001	1.000		50000	50000	-0.0	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.036	1.021		49300	50000	-1.4	20.0
Dibenz(a,h)anthracene	Ave	1.001	1.049		52400	50000	4.8	20.0
Benzo[g,h,i]perylene	Ave	1.057	1.057		50000	50000	-0.0	20.0
2-Fluorophenol	Ave	1.311	1.299		49500	50000	-1.0	20.0
Phenol-d5	Ave	1.560	1.497		48000	50000	-4.0	20.0
Nitrobenzene-d5	Ave	0.3999	0.4204		52600	50000	5.1	20.0
2-Fluorobiphenyl	Ave	1.304	1.306		50100	50000	0.2	20.0
2,4,6-Tribromophenol	Ave	0.1397	0.1381		49400	50000	-1.1	20.0
Terphenyl-d14	Ave	0.8796	0.8824		50200	50000	0.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVIS 460-69439/2 Calibration Date: 04/02/2011 16:36

Instrument ID: BNAMS4 Calib Start Date: 04/02/2011 11:25

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 04/02/2011 13:11

Lab File ID: u66415.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.9338	0.8670		46400	50000	-7.2	20.0
N-Nitrosodimethylamine	Ave	1.514	1.595		52700	50000	5.4	20.0
Pyridine	Ave	2.180	2.134		49000	50000	-2.1	20.0
Benzaldehyde	Ave	0.6060	0.4509		37200	50000	-25.6*	20.0
Phenol	Ave	2.352	2.699		57400	50000	14.8	20.0
Aniline	Ave	2.724	2.670		49000	50000	-2.0	20.0
Bis(2-chloroethyl)ether	QuaF	2.000	1.713		51800	50000	3.5	20.0
2-Chlorophenol	Ave	1.608	1.769		55000	50000	10.0	20.0
Decane	QuaF	1.838	1.689		50100	50000	0.1	20.0
1,3-Dichlorobenzene	Ave	1.552	1.520		49000	50000	-2.1	20.0
1,4-Dichlorobenzene	Ave	1.403	1.409		50200	50000	0.4	20.0
Benzyl alcohol	Ave	1.210	1.339		55300	50000	10.7	20.0
1,2-Dichlorobenzene	Ave	1.388	1.412		50900	50000	1.7	20.0
2-Methylphenol	Ave	1.603	1.780		55500	50000	11.0	20.0
2,2'-oxybis[1-chloropropane]	Ave	3.072	3.240		52700	50000	5.5	20.0
o-Toluidine	Ave	2.898	2.267		39100	50000	-21.8*	20.0
3 & 4 Methylphenol	QuaF	1.522	1.579		58600	50000	17.3	20.0
4-Methylphenol	QuaF	1.517	1.576		59200	50000	18.5	20.0
Acetophenone	Ave	1.721	1.733		50300	50000	0.7	20.0
N-Nitrosodi-n-propylamine	Ave	0.9890	1.055	0.0500	53400	50000	6.7	20.0
Hexachloroethane	Ave	0.6563	0.6313		48100	50000	-3.8	20.0
n,n'-Dimethylaniline	QuaF	1.932	1.917		55500	50000	11.0	20.0
Nitrobenzene	QuaF	0.5417	0.4777		49700	50000	-0.6	20.0
Isophorone	Ave	0.9593	0.9631		50200	50000	0.4	20.0
2-Nitrophenol	Ave	0.2522	0.2578		51100	50000	2.2	20.0
2,4-Dimethylphenol	Ave	0.4081	0.4098		50200	50000	0.4	20.0
Bis(2-chloroethoxy)methane	Ave	0.5522	0.5537		50100	50000	0.3	20.0
Benzoic acid	Ave	0.1952	0.2206		56500	50000	13.1	20.0
2,4-Dichlorophenol	Ave	0.3339	0.3438		51500	50000	3.0	20.0
1,2,4-Trichlorobenzene	Ave	0.3259	0.2864		43900	50000	-12.1	20.0
Naphthalene	Ave	1.007	0.9273		46000	50000	-7.9	20.0
4-Chloroaniline	Ave	0.4814	0.4860		50500	50000	1.0	20.0
Hexachlorobutadiene	Ave	0.1434	0.1374		47900	50000	-4.2	20.0
Caprolactam	Ave	0.1592	0.1804		56700	50000	13.3	20.0
4-Chloro-3-methylphenol	Ave	0.3718	0.3892		52300	50000	4.7	20.0
2-Methylnaphthalene	Ave	0.6995	0.6847		48900	50000	-2.1	20.0
1-Methylnaphthalene	QuaF	0.6710	0.6541		52700	50000	5.3	20.0
Hexachlorocyclopentadiene	Ave	0.2663	0.2361	0.0500	44300	50000	-11.3	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.4445	0.3770		42400	50000	-15.2	20.0
2-tertbutyl-4-methylphenol	Ave	0.4312	0.4224		49000	50000	-2.0	20.0
2,4,6-Trichlorophenol	Ave	0.3724	0.3488		46800	50000	-6.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVIS 460-69439/2 Calibration Date: 04/02/2011 16:36

Instrument ID: BNAMS4 Calib Start Date: 04/02/2011 11:25

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 04/02/2011 13:11

Lab File ID: u66415.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	0.3608	0.3567		49400	50000	-1.1	20.0
Diphenyl	QuaF	1.406	1.301		51000	50000	1.9	20.0
2-Chloronaphthalene	Ave	1.138	1.016		44600	50000	-10.7	20.0
Diphenyl ether	Ave	0.8115	0.7718		47500	50000	-4.9	20.0
2-Nitroaniline	Ave	0.4770	0.4608		48300	50000	-3.4	20.0
3-Nitroaniline	Ave	0.4215	0.4776		56700	50000	13.3	20.0
1,3-Dimethylnaphthalene	Ave	0.9637	0.8887		46100	50000	-7.8	20.0
Dimethyl phthalate	Ave	1.345	1.271		47200	50000	-5.5	20.0
Coumarin	Ave	0.2652	0.2832		53400	50000	6.8	20.0
2,6-Dinitrotoluene	Ave	0.3230	0.3387		52400	50000	4.8	20.0
Acenaphthylene	Ave	1.784	1.640		46000	50000	-8.1	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.5979	0.5567		46600	50000	-6.9	20.0
Acenaphthene	QuaF	0.9469	0.8502		49700	50000	-0.5	20.0
2,4-Dinitrophenol	QuaF	0.1556	0.1808	0.0500	54000	50000	8.0	20.0
4-Nitrophenol	Ave	0.2975	0.3002	0.0500	50500	50000	0.9	20.0
2,4-Dinitrotoluene	Ave	0.4013	0.4099		51100	50000	2.2	20.0
Dibenzofuran	Ave	1.561	1.405		45000	50000	-10.0	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2964	0.3029		51100	50000	2.2	20.0
2-Naphthylamine	Ave	1.075	1.057		49200	50000	-1.6	20.0
Diethyl phthalate	Ave	1.229	1.141		46400	50000	-7.1	20.0
4-Chlorophenyl phenyl ether	QuaF	0.4510	0.4135		49800	50000	-0.4	20.0
Fluorene	QuaF	1.128	1.021		50300	50000	0.6	20.0
4-Nitroaniline	Ave	0.3873	0.4221		54500	50000	9.0	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1592	0.1758		55200	50000	10.4	20.0
N-Nitrosodiphenylamine	QuaF	0.7143	0.6505		50600	50000	1.2	20.0
1,2-Diphenylhydrazine	QuaF	1.325	1.146		47100	50000	-5.8	20.0
4-Bromophenyl phenyl ether	Ave	0.2576	0.2517		48900	50000	-2.3	20.0
Hexachlorobenzene	Ave	0.2623	0.2554		48700	50000	-2.6	20.0
Atrazine	QuaF	0.1976	0.2098		57800	50000	15.7	20.0
Pentachlorophenol	Ave	0.1857	0.1878		50600	50000	1.1	20.0
n-Octadecane	QuaF	0.8073	0.6946		46300	50000	-7.3	20.0
Phenanthrene	Ave	1.169	1.134		48500	50000	-3.0	20.0
Anthracene	QuaF	1.226	1.176		53700	50000	7.4	20.0
Carbazole	QuaF	1.308	1.324		57400	50000	14.7	20.0
Di-n-butyl phthalate	QuaF	1.666	1.607		54800	50000	9.6	20.0
Fluoranthene	QuaF	1.149	1.140		55800	50000	11.6	20.0
Benzidine	Ave	0.3438	0.2708		39400	50000	-21.2*	20.0
Pyrene	Ave	1.473	1.382		46900	50000	-6.2	20.0
Butyl benzyl phthalate	Ave	0.9466	0.9633		50900	50000	1.8	20.0
2,3,7,8-TCDD (Screen)	Ave	0.2850	0.2398		421	500	-15.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVIS 460-69439/2 Calibration Date: 04/02/2011 16:36

Instrument ID: BNAMS4 Calib Start Date: 04/02/2011 11:25

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 04/02/2011 13:11

Lab File ID: u66415.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	Ave	0.4744	0.5031		53000	50000	6.0	20.0
3,3'-Dichlorobenzidine	Ave	0.4468	0.3921		43900	50000	-12.2	20.0
Benzo[a]anthracene	Ave	1.232	1.115		45200	50000	-9.5	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.999	0.9093		45500	50000	-8.9	20.0
Chrysene	Ave	1.004	0.9153		45600	50000	-8.8	20.0
Di-n-octyl phthalate	Ave	2.456	2.411		49100	50000	-1.8	20.0
Benzo[b]fluoranthene	Ave	1.419	1.473		51900	50000	3.8	20.0
Benzo[k]fluoranthene	Ave	1.334	1.138		42600	50000	-14.7	20.0
Benzo[a]pyrene	Ave	1.100	1.121		50900	50000	1.9	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.7799	0.8944		57300	50000	14.7	20.0
Dibenz(a,h)anthracene	Ave	0.7317	0.7798		53300	50000	6.6	20.0
Benzo[g,h,i]perylene	Ave	0.7689	0.8246		53600	50000	7.2	20.0
2-Fluorophenol	Ave	2.101	2.217		52800	50000	5.5	20.0
Phenol-d5	Ave	2.429	2.688		55300	50000	10.6	20.0
Nitrobenzene-d5	Ave	0.4430	0.4311		48700	50000	-2.7	20.0
2-Fluorobiphenyl	Ave	1.332	1.187		44500	50000	-10.9	20.0
2,4,6-Tribromophenol	Ave	0.2024	0.2084		51500	50000	2.9	20.0
Terphenyl-d14	Ave	1.083	1.077		49700	50000	-0.6	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVIS 460-69541/2 Calibration Date: 04/03/2011 19:45

Instrument ID: BNAMS4 Calib Start Date: 04/02/2011 11:25

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 04/02/2011 13:11

Lab File ID: u66441.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.9338	0.8649		46300	50000	-7.4	20.0
N-Nitrosodimethylamine	Ave	1.514	1.451		47900	50000	-4.2	20.0
Pyridine	Ave	2.180	2.026		46500	50000	-7.1	20.0
Benzaldehyde	Ave	0.6060	0.4012		33100	50000	-33.8*	20.0
Phenol	Ave	2.352	2.378		50600	50000	1.1	20.0
Aniline	Ave	2.724	2.558		46900	50000	-6.1	20.0
Bis(2-chloroethyl)ether	QuaF	2.000	1.625		49400	50000	-1.2	20.0
2-Chlorophenol	Ave	1.608	1.561		48500	50000	-2.9	20.0
Decane	QuaF	1.838	1.676		49600	50000	-0.8	20.0
1,3-Dichlorobenzene	Ave	1.552	1.471		47400	50000	-5.2	20.0
1,4-Dichlorobenzene	Ave	1.403	1.329		47400	50000	-5.2	20.0
Benzyl alcohol	Ave	1.210	1.312		54200	50000	8.4	20.0
1,2-Dichlorobenzene	Ave	1.388	1.316		47400	50000	-5.2	20.0
2-Methylphenol	Ave	1.603	1.642		51200	50000	2.4	20.0
2,2'-oxybis[1-chloropropane]	Ave	3.072	3.012		49000	50000	-2.0	20.0
o-Toluidine	Ave	2.898	2.242		38700	50000	-22.6*	20.0
3 & 4 Methylphenol	QuaF	1.522	1.496		55500	50000	10.9	20.0
4-Methylphenol	QuaF	1.517	1.487		55800	50000	11.6	20.0
Acetophenone	Ave	1.721	1.663		48300	50000	-3.4	20.0
N-Nitrosodi-n-propylamine	Ave	0.9890	1.005	0.0500	50800	50000	1.6	20.0
Hexachloroethane	Ave	0.6563	0.6009		45800	50000	-8.4	20.0
n,n'-Dimethylaniline	QuaF	1.932	1.827		52700	50000	5.3	20.0
Nitrobenzene	QuaF	0.5417	0.4935		51500	50000	3.0	20.0
Isophorone	Ave	0.9593	1.003		52300	50000	4.6	20.0
2-Nitrophenol	Ave	0.2522	0.2604		51600	50000	3.2	20.0
2,4-Dimethylphenol	Ave	0.4081	0.3970		48600	50000	-2.7	20.0
Bis(2-chloroethoxy)methane	Ave	0.5522	0.5291		47900	50000	-4.2	20.0
Benzoic acid	Ave	0.1952	0.1882		48200	50000	-3.6	20.0
2,4-Dichlorophenol	Ave	0.3339	0.3395		50800	50000	1.7	20.0
1,2,4-Trichlorobenzene	Ave	0.3259	0.3175		48700	50000	-2.6	20.0
Naphthalene	Ave	1.007	0.9557		47400	50000	-5.1	20.0
4-Chloroaniline	Ave	0.4814	0.4793		49800	50000	-0.4	20.0
Hexachlorobutadiene	Ave	0.1434	0.1442		50300	50000	0.5	20.0
Caprolactam	Ave	0.1592	0.1770		55600	50000	11.2	20.0
4-Chloro-3-methylphenol	Ave	0.3718	0.3817		51300	50000	2.6	20.0
2-Methylnaphthalene	Ave	0.6995	0.6922		49500	50000	-1.0	20.0
1-Methylnaphthalene	QuaF	0.6710	0.6640		53600	50000	7.2	20.0
Hexachlorocyclopentadiene	Ave	0.2663	0.2319	0.0500	43500	50000	-12.9	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.4445	0.3933		44200	50000	-11.5	20.0
2-tertbutyl-4-methylphenol	Ave	0.4312	0.4320		50100	50000	0.2	20.0
2,4,6-Trichlorophenol	Ave	0.3724	0.3432		46100	50000	-7.9	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVIS 460-69541/2 Calibration Date: 04/03/2011 19:45

Instrument ID: BNAMS4 Calib Start Date: 04/02/2011 11:25

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 04/02/2011 13:11

Lab File ID: u66441.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	0.3608	0.3520		48800	50000	-2.4	20.0
Diphenyl	QuaF	1.406	1.343		52800	50000	5.6	20.0
2-Chloronaphthalene	Ave	1.138	1.044		45900	50000	-8.3	20.0
Diphenyl ether	Ave	0.8115	0.7855		48400	50000	-3.2	20.0
2-Nitroaniline	Ave	0.4770	0.4479		46900	50000	-6.1	20.0
1,3-Dimethylnaphthalene	Ave	0.9637	0.9093		47200	50000	-5.6	20.0
Dimethyl phthalate	Ave	1.345	1.234		45900	50000	-8.2	20.0
Coumarin	Ave	0.2652	0.2576		48600	50000	-2.9	20.0
2,6-Dinitrotoluene	Ave	0.3230	0.3239		50100	50000	0.3	20.0
Acenaphthylene	Ave	1.784	1.636		45900	50000	-8.3	20.0
3-Nitroaniline	Ave	0.4215	0.3818		45300	50000	-9.4	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.5979	0.5609		46900	50000	-6.2	20.0
Acenaphthene	QuaF	0.9469	0.8433		49300	50000	-1.4	20.0
2,4-Dinitrophenol	QuaF	0.1556	0.1437	0.0500	44100	50000	-11.8	20.0
4-Nitrophenol	Ave	0.2975	0.2571	0.0500	43200	50000	-13.6	20.0
2,4-Dinitrotoluene	Ave	0.4013	0.3752		46800	50000	-6.5	20.0
Dibenzofuran	Ave	1.561	1.389		44500	50000	-11.0	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2964	0.2776		46800	50000	-6.3	20.0
2-Naphthylamine	Ave	1.075	0.9443		43900	50000	-12.2	20.0
Diethyl phthalate	Ave	1.229	1.055		42900	50000	-14.1	20.0
4-Chlorophenyl phenyl ether	QuaF	0.4510	0.4136		49800	50000	-0.3	20.0
Fluorene	QuaF	1.128	0.9914		48700	50000	-2.6	20.0
4-Nitroaniline	Ave	0.3873	0.3464		44700	50000	-10.6	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1592	0.1478		46400	50000	-7.2	20.0
N-Nitrosodiphenylamine	QuaF	0.7143	0.6614		51700	50000	3.3	20.0
1,2-Diphenylhydrazine	QuaF	1.325	1.219		50400	50000	0.9	20.0
4-Bromophenyl phenyl ether	Ave	0.2576	0.2598		50400	50000	0.9	20.0
Hexachlorobenzene	Ave	0.2623	0.2695		51400	50000	2.7	20.0
Atrazine	QuaF	0.1976	0.1880		50700	50000	1.5	20.0
Pentachlorophenol	Ave	0.1857	0.1771		47700	50000	-4.7	20.0
n-Octadecane	QuaF	0.8073	0.7681		52900	50000	5.9	20.0
Phenanthrene	Ave	1.169	1.094		46800	50000	-6.4	20.0
Anthracene	QuaF	1.226	1.100		49800	50000	-0.4	20.0
Carbazole	QuaF	1.308	1.159		48900	50000	-2.1	20.0
Di-n-butyl phthalate	QuaF	1.666	1.536		51900	50000	3.8	20.0
Fluoranthene	QuaF	1.149	0.9623		45200	50000	-9.6	20.0
Benzidine	Ave	0.3438	0.1687		24500	50000	-50.9*	20.0
Pyrene	Ave	1.473	1.594		54100	50000	8.2	20.0
Butyl benzyl phthalate	Ave	0.9466	0.9746		51500	50000	3.0	20.0
2,3,7,8-TCDD (Screen)	Ave	0.2850	0.1664		292	500	-41.6*	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVIS 460-69541/2 Calibration Date: 04/03/2011 19:45

Instrument ID: BNAMS4 Calib Start Date: 04/02/2011 11:25

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 04/02/2011 13:11

Lab File ID: u66441.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	Ave	0.4744	0.4687		49400	50000	-1.2	20.0
3,3'-Dichlorobenzidine	Ave	0.4468	0.4519		50600	50000	1.1	20.0
Benzo[a]anthracene	Ave	1.232	1.190		48300	50000	-3.4	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.999	0.9380		47000	50000	-6.1	20.0
Chrysene	Ave	1.004	0.998		49700	50000	-0.5	20.0
Di-n-octyl phthalate	Ave	2.456	2.174		44300	50000	-11.5	20.0
Benzo[b]fluoranthene	Ave	1.419	1.268		44700	50000	-10.7	20.0
Benzo[k]fluoranthene	Ave	1.334	1.265		47400	50000	-5.2	20.0
Benzo[a]pyrene	Ave	1.100	1.121		50900	50000	1.9	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.7799	0.9554		61200	50000	22.5*	20.0
Dibenz(a,h)anthracene	Ave	0.7317	0.8747		59800	50000	19.5	20.0
Benzo[g,h,i]perylene	Ave	0.7689	0.9183		59700	50000	19.4	20.0
2-Fluorophenol	Ave	2.101	2.067		49200	50000	-1.6	20.0
Phenol-d5	Ave	2.429	2.529		52000	50000	4.1	20.0
Nitrobenzene-d5	Ave	0.4430	0.4393		49600	50000	-0.8	20.0
2-Fluorobiphenyl	Ave	1.332	1.247		46800	50000	-6.4	20.0
2,4,6-Tribromophenol	Ave	0.2024	0.1926		47600	50000	-4.9	20.0
Terphenyl-d14	Ave	1.083	1.216		56200	50000	12.3	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVIS 460-69824/2 Calibration Date: 04/05/2011 10:23

Instrument ID: BNAMS4 Calib Start Date: 04/02/2011 11:25

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 04/02/2011 13:11

Lab File ID: u66477.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.9338	0.9103		48700	50000	-2.5	20.0
N-Nitrosodimethylamine	Ave	1.514	1.601		52900	50000	5.8	20.0
Pyridine	Ave	2.180	2.107		48300	50000	-3.3	20.0
Benzaldehyde	Ave	0.6060	0.3295		27200	50000	-45.6*	20.0
Phenol	Ave	2.352	2.495		53000	50000	6.1	20.0
Aniline	Ave	2.724	2.595		47600	50000	-4.7	20.0
Bis(2-chloroethyl)ether	QuaF	2.000	1.806		54100	50000	8.3	20.0
2-Chlorophenol	Ave	1.608	1.632		50700	50000	1.5	20.0
Decane	QuaF	1.838	1.821		55000	50000	10.1	20.0
1,3-Dichlorobenzene	Ave	1.552	1.506		48500	50000	-3.0	20.0
1,4-Dichlorobenzene	Ave	1.403	1.461		52100	50000	4.1	20.0
Benzyl alcohol	Ave	1.210	1.315		54300	50000	8.7	20.0
1,2-Dichlorobenzene	Ave	1.388	1.399		50400	50000	0.8	20.0
2-Methylphenol	Ave	1.603	1.727		53800	50000	7.7	20.0
2,2'-oxybis[1-chloropropane]	Ave	3.072	3.122		50800	50000	1.6	20.0
o-Toluidine	Ave	2.898	2.383		41100	50000	-17.8	20.0
Acetophenone	Ave	1.721	1.822		52900	50000	5.8	20.0
3 & 4 Methylphenol	QuaF	1.522	1.575		58500	50000	17.0	20.0
4-Methylphenol	QuaF	1.517	1.570		59000	50000	18.0	20.0
N-Nitrosodi-n-propylamine	Ave	0.9890	1.067	0.0500	53900	50000	7.9	20.0
Hexachloroethane	Ave	0.6563	0.6471		49300	50000	-1.4	20.0
Nitrobenzene	QuaF	0.5417	0.4816		50100	50000	0.3	20.0
n,n'-Dimethylaniline	QuaF	1.932	1.916		55500	50000	11.0	20.0
Isophorone	Ave	0.9593	0.996		51900	50000	3.9	20.0
2-Nitrophenol	Ave	0.2522	0.2488		49300	50000	-1.4	20.0
2,4-Dimethylphenol	Ave	0.4081	0.3957		48500	50000	-3.0	20.0
Bis(2-chloroethoxy)methane	Ave	0.5522	0.5431		49200	50000	-1.6	20.0
Benzoic acid	Ave	0.1952	0.1937		49600	50000	-0.7	20.0
2,4-Dichlorophenol	Ave	0.3339	0.3264		48900	50000	-2.2	20.0
1,2,4-Trichlorobenzene	Ave	0.3259	0.3146		48300	50000	-3.5	20.0
Naphthalene	Ave	1.007	0.9442		46900	50000	-6.3	20.0
4-Chloroaniline	Ave	0.4814	0.4909		51000	50000	2.0	20.0
Hexachlorobutadiene	Ave	0.1434	0.1440		50200	50000	0.4	20.0
Caprolactam	Ave	0.1592	0.1774		55700	50000	11.4	20.0
4-Chloro-3-methylphenol	Ave	0.3718	0.3918		52700	50000	5.4	20.0
2-Methylnaphthalene	Ave	0.6995	0.6899		49300	50000	-1.4	20.0
1-Methylnaphthalene	QuaF	0.6710	0.6919		56200	50000	12.4	20.0
Hexachlorocyclopentadiene	Ave	0.2663	0.2283	0.0500	42900	50000	-14.3	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.4445	0.3813		42900	50000	-14.2	20.0
2-tertbutyl-4-methylphenol	Ave	0.4312	0.4355		50500	50000	1.0	20.0
2,4,6-Trichlorophenol	Ave	0.3724	0.3486		46800	50000	-6.4	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVIS 460-69824/2 Calibration Date: 04/05/2011 10:23

Instrument ID: BNAMS4 Calib Start Date: 04/02/2011 11:25

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 04/02/2011 13:11

Lab File ID: u66477.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	0.3608	0.3435		47600	50000	-4.8	20.0
Diphenyl	QuaF	1.406	1.254		49000	50000	-2.1	20.0
2-Chloronaphthalene	Ave	1.138	1.032		45300	50000	-9.3	20.0
Diphenyl ether	Ave	0.8115	0.7295		44900	50000	-10.1	20.0
2-Nitroaniline	Ave	0.4770	0.4599		48200	50000	-3.6	20.0
1,3-Dimethylnaphthalene	Ave	0.9637	0.8644		44800	50000	-10.3	20.0
Dimethyl phthalate	Ave	1.345	1.242		46200	50000	-7.7	20.0
Coumarin	Ave	0.2652	0.2731		51500	50000	3.0	20.0
2,6-Dinitrotoluene	Ave	0.3230	0.3282		50800	50000	1.6	20.0
Acenaphthylene	Ave	1.784	1.574		44100	50000	-11.7	20.0
3-Nitroaniline	Ave	0.4215	0.4003		47500	50000	-5.0	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.5979	0.5506		46000	50000	-7.9	20.0
Acenaphthene	QuaF	0.9469	0.8390		49000	50000	-1.9	20.0
2,4-Dinitrophenol	QuaF	0.1556	0.1474	0.0500	45100	50000	-9.7	20.0
4-Nitrophenol	Ave	0.2975	0.2698	0.0500	45300	50000	-9.3	20.0
2,4-Dinitrotoluene	Ave	0.4013	0.3972		49500	50000	-1.0	20.0
Dibenzofuran	Ave	1.561	1.453		46600	50000	-6.9	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2964	0.2822		47600	50000	-4.8	20.0
2-Naphthylamine	Ave	1.075	0.9613		44700	50000	-10.6	20.0
Diethyl phthalate	Ave	1.229	1.081		44000	50000	-12.0	20.0
4-Chlorophenyl phenyl ether	QuaF	0.4510	0.4204		50700	50000	1.5	20.0
Fluorene	QuaF	1.128	0.9916		48700	50000	-2.5	20.0
4-Nitroaniline	Ave	0.3873	0.3609		46600	50000	-6.8	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1592	0.1484		46600	50000	-6.8	20.0
N-Nitrosodiphenylamine	QuaF	0.7143	0.5942		45200	50000	-9.5	20.0
1,2-Diphenylhydrazine	QuaF	1.325	1.119		45800	50000	-8.3	20.0
4-Bromophenyl phenyl ether	Ave	0.2576	0.2469		47900	50000	-4.1	20.0
Hexachlorobenzene	Ave	0.2623	0.2416		46100	50000	-7.9	20.0
Atrazine	QuaF	0.1976	0.1784		47700	50000	-4.6	20.0
Pentachlorophenol	Ave	0.1857	0.1618		43500	50000	-12.9	20.0
n-Octadecane	QuaF	0.8073	0.7003		46800	50000	-6.3	20.0
Phenanthrene	Ave	1.169	0.998		42700	50000	-14.6	20.0
Anthracene	QuaF	1.226	1.017		45500	50000	-8.9	20.0
Carbazole	QuaF	1.308	1.155		48800	50000	-2.5	20.0
Di-n-butyl phthalate	QuaF	1.666	1.440		48200	50000	-3.7	20.0
Fluoranthene	QuaF	1.149	0.9297		43300	50000	-13.4	20.0
Benzidine	Ave	0.3438	0.1726		25100	50000	-49.8*	20.0
Pyrene	Ave	1.473	1.557		52900	50000	5.7	20.0
Butyl benzyl phthalate	Ave	0.9466	0.8848		46700	50000	-6.5	20.0
2,3,7,8-TCDD (Screen)	Ave	0.2850	0.1837		322	500	-35.6*	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVIS 460-69824/2 Calibration Date: 04/05/2011 10:23

Instrument ID: BNAMS4 Calib Start Date: 04/02/2011 11:25

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 04/02/2011 13:11

Lab File ID: u66477.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	Ave	0.4744	0.3570		37600	50000	-24.8*	20.0
3,3'-Dichlorobenzidine	Ave	0.4468	0.4082		45700	50000	-8.6	20.0
Benzo[a]anthracene	Ave	1.232	1.130		45800	50000	-8.3	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.999	0.9396		47000	50000	-5.9	20.0
Chrysene	Ave	1.004	0.8838		44000	50000	-12.0	20.0
Di-n-octyl phthalate	Ave	2.456	2.135		43500	50000	-13.1	20.0
Benzo[b]fluoranthene	Ave	1.419	1.247		43900	50000	-12.1	20.0
Benzo[k]fluoranthene	Ave	1.334	1.261		47300	50000	-5.5	20.0
Benzo[a]pyrene	Ave	1.100	1.113		50600	50000	1.1	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.7799	0.9902		63500	50000	27.0*	20.0
Dibenz(a,h)anthracene	Ave	0.7317	0.8628		59000	50000	17.9	20.0
Benzo[g,h,i]perylene	Ave	0.7689	0.9462		61500	50000	23.1*	20.0
2-Fluorophenol	Ave	2.101	2.228		53000	50000	6.1	20.0
Phenol-d5	Ave	2.429	2.638		54300	50000	8.6	20.0
Nitrobenzene-d5	Ave	0.4430	0.4378		49400	50000	-1.2	20.0
2-Fluorobiphenyl	Ave	1.332	1.137		42700	50000	-14.6	20.0
2,4,6-Tribromophenol	Ave	0.2024	0.2008		49600	50000	-0.8	20.0
Terphenyl-d14	Ave	1.083	1.222		56400	50000	12.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVIS 460-69678/2 Calibration Date: 04/06/2011 12:13

Instrument ID: BNAMS4 Calib Start Date: 04/02/2011 11:25

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 04/02/2011 13:11

Lab File ID: u66506.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.9338	0.8811		47200	50000	-5.6	20.0
N-Nitrosodimethylamine	Ave	1.514	1.490		49200	50000	-1.6	20.0
Pyridine	Ave	2.180	2.083		47800	50000	-4.4	20.0
Benzaldehyde	Ave	0.6060	0.4624		38100	50000	-23.7*	20.0
Aniline	Ave	2.724	2.389		43800	50000	-12.3	20.0
Phenol	Ave	2.352	2.131		45300	50000	-9.4	20.0
Bis(2-chloroethyl)ether	QuaF	2.000	1.628		49500	50000	-1.0	20.0
2-Chlorophenol	Ave	1.608	1.487		46200	50000	-7.5	20.0
Decane	QuaF	1.838	1.681		49800	50000	-0.5	20.0
1,3-Dichlorobenzene	Ave	1.552	1.446		46600	50000	-6.8	20.0
1,4-Dichlorobenzene	Ave	1.403	1.316		46900	50000	-6.2	20.0
Benzyl alcohol	Ave	1.210	1.169		48300	50000	-3.4	20.0
1,2-Dichlorobenzene	Ave	1.388	1.308		47100	50000	-5.8	20.0
2-Methylphenol	Ave	1.603	1.513		47200	50000	-5.6	20.0
2,2'-oxybis[1-chloropropane]	Ave	3.072	2.890		47000	50000	-5.9	20.0
o-Toluidine	Ave	2.898	1.869		32200	50000	-35.5*	20.0
Acetophenone	Ave	1.721	1.684		48900	50000	-2.2	20.0
3 & 4 Methylphenol	QuaF	1.522	1.297		47900	50000	-4.3	20.0
4-Methylphenol	QuaF	1.517	1.297		48600	50000	-2.9	20.0
N-Nitrosodi-n-propylamine	Ave	0.9890	0.8861	0.0500	44800	50000	-10.4	20.0
Hexachloroethane	Ave	0.6563	0.6086		46400	50000	-7.3	20.0
n,n'-Dimethylaniline	QuaF	1.932	1.687		48300	50000	-3.4	20.0
Nitrobenzene	QuaF	0.5417	0.4793		49900	50000	-0.3	20.0
Isophorone	Ave	0.9593	0.9030		47100	50000	-5.9	20.0
2-Nitrophenol	Ave	0.2522	0.2496		49500	50000	-1.0	20.0
2,4-Dimethylphenol	Ave	0.4081	0.3658		44800	50000	-10.4	20.0
Bis(2-chloroethoxy)methane	Ave	0.5522	0.5122		46400	50000	-7.2	20.0
Benzoic acid	Ave	0.1952	0.2418		62000	50000	23.9*	20.0
2,4-Dichlorophenol	Ave	0.3339	0.3101		46400	50000	-7.1	20.0
1,2,4-Trichlorobenzene	Ave	0.3259	0.3129		48000	50000	-4.0	20.0
Naphthalene	Ave	1.007	0.8973		44500	50000	-10.9	20.0
4-Chloroaniline	Ave	0.4814	0.4125		42800	50000	-14.3	20.0
Hexachlorobutadiene	Ave	0.1434	0.1465		51100	50000	2.2	20.0
Caprolactam	Ave	0.1592	0.1354		42500	50000	-14.9	20.0
4-Chloro-3-methylphenol	Ave	0.3718	0.3298		44300	50000	-11.3	20.0
2-Methylnaphthalene	Ave	0.6995	0.6278		44900	50000	-10.3	20.0
1-Methylnaphthalene	QuaF	0.6710	0.5912		46900	50000	-6.2	20.0
Hexachlorocyclopentadiene	Ave	0.2663	0.2537	0.0500	47600	50000	-4.7	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.4445	0.4389		49400	50000	-1.2	20.0
2-tertbutyl-4-methylphenol	Ave	0.4312	0.3757		43600	50000	-12.9	20.0
2,4,6-Trichlorophenol	Ave	0.3724	0.3508		47100	50000	-5.8	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVIS 460-69678/2 Calibration Date: 04/06/2011 12:13

Instrument ID: BNAMS4 Calib Start Date: 04/02/2011 11:25

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 04/02/2011 13:11

Lab File ID: u66506.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	0.3608	0.3681		51000	50000	2.0	20.0
Diphenyl	QuaF	1.406	1.366		53700	50000	7.5	20.0
2-Chloronaphthalene	Ave	1.138	1.076		47300	50000	-5.5	20.0
Diphenyl ether	Ave	0.8115	0.8361		51500	50000	3.0	20.0
2-Nitroaniline	Ave	0.4770	0.4396		46100	50000	-7.8	20.0
1,3-Dimethylnaphthalene	Ave	0.9637	0.9276		48100	50000	-3.7	20.0
Dimethyl phthalate	Ave	1.345	1.153		42900	50000	-14.3	20.0
Coumarin	Ave	0.2652	0.2039		38400	50000	-23.1*	20.0
2,6-Dinitrotoluene	Ave	0.3230	0.3143		48600	50000	-2.7	20.0
Acenaphthylene	Ave	1.784	1.642		46000	50000	-7.9	20.0
3-Nitroaniline	Ave	0.4215	0.3658		43400	50000	-13.2	20.0
3,5-di-tert-butyl-4-hydroxytol	Ave	0.5979	0.5516		46100	50000	-7.7	20.0
Acenaphthene	QuaF	0.9469	0.7653		44500	50000	-11.1	20.0
2,4-Dinitrophenol	QuaF	0.1556	0.1479	0.0500	45300	50000	-9.5	20.0
4-Nitrophenol	Ave	0.2975	0.2311	0.0500	38800	50000	-22.3*	20.0
2,4-Dinitrotoluene	Ave	0.4013	0.3447		42900	50000	-14.1	20.0
Dibenzofuran	Ave	1.561	1.380		44200	50000	-11.5	20.0
2,3,4,6-Tetrachlorophenol	Ave	0.2964	0.2659		44900	50000	-10.3	20.0
2-Naphthylamine	Ave	1.075	0.8925		41500	50000	-17.0	20.0
Diethyl phthalate	Ave	1.229	1.019		41500	50000	-17.0	20.0
4-Chlorophenyl phenyl ether	QuaF	0.4510	0.3976		47700	50000	-4.6	20.0
Fluorene	QuaF	1.128	0.9397		46000	50000	-8.1	20.0
4-Nitroaniline	Ave	0.3873	0.2943		38000	50000	-24.0*	20.0
4,6-Dinitro-2-methylphenol	Ave	0.1592	0.1689		53000	50000	6.1	20.0
N-Nitrosodiphenylamine	QuaF	0.7143	0.7030		55800	50000	11.6	20.0
1,2-Diphenylhydrazine	QuaF	1.325	1.379		57800	50000	15.7	20.0
4-Bromophenyl phenyl ether	Ave	0.2576	0.2819		54700	50000	9.4	20.0
Hexachlorobenzene	Ave	0.2623	0.2800		53400	50000	6.7	20.0
Atrazine	QuaF	0.1976	0.1961		53300	50000	6.7	20.0
Pentachlorophenol	Ave	0.1857	0.1781		48000	50000	-4.1	20.0
n-Octadecane	QuaF	0.8073	0.8958		65200	50000	30.5*	20.0
Phenanthrene	Ave	1.169	1.142		48800	50000	-2.4	20.0
Anthracene	QuaF	1.226	1.146		52100	50000	4.3	20.0
Carbazole	QuaF	1.308	1.133		47700	50000	-4.7	20.0
Di-n-butyl phthalate	QuaF	1.666	1.553		52600	50000	5.2	20.0
Fluoranthene	QuaF	1.149	1.019		48500	50000	-3.0	20.0
Benzidine	Ave	0.3438	0.1087		15800	50000	-68.4*	20.0
Pyrene	Ave	1.473	1.477		50200	50000	0.3	20.0
Butyl benzyl phthalate	Ave	0.9466	0.9071		47900	50000	-4.2	20.0
2,3,7,8-TCDD (Screen)	Ave	0.2850	0.0987		173	500	-65.4*	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVIS 460-69678/2 Calibration Date: 04/06/2011 12:13

Instrument ID: BNAMS4 Calib Start Date: 04/02/2011 11:25

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 04/02/2011 13:11

Lab File ID: u66506.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbamazepine	Ave	0.4744	0.4017		42300	50000	-15.3	20.0
3,3'-Dichlorobenzidine	Ave	0.4468	0.3586		40100	50000	-19.7	20.0
Benzo[a]anthracene	Ave	1.232	1.103		44800	50000	-10.5	20.0
Bis(2-ethylhexyl) phthalate	Ave	0.999	0.9331		46700	50000	-6.6	20.0
Chrysene	Ave	1.004	0.8175		40700	50000	-18.6	20.0
Di-n-octyl phthalate	Ave	2.456	2.550		51900	50000	3.8	20.0
Benzo[b]fluoranthene	Ave	1.419	1.340		47200	50000	-5.6	20.0
Benzo[k]fluoranthene	Ave	1.334	1.324		49600	50000	-0.8	20.0
Benzo[a]pyrene	Ave	1.100	1.065		48400	50000	-3.2	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.7799	0.8999		57700	50000	15.4	20.0
Dibenz(a,h)anthracene	Ave	0.7317	0.8269		56500	50000	13.0	20.0
Benzo[g,h,i]perylene	Ave	0.7689	0.8583		55800	50000	11.6	20.0
2-Fluorophenol	Ave	2.101	1.979		47100	50000	-5.8	20.0
Phenol-d5	Ave	2.429	2.304		47400	50000	-5.1	20.0
Nitrobenzene-d5	Ave	0.4430	0.4466		50400	50000	0.8	20.0
2-Fluorobiphenyl	Ave	1.332	1.280		48100	50000	-3.9	20.0
2,4,6-Tribromophenol	Ave	0.2024	0.1836		45300	50000	-9.3	20.0
Terphenyl-d14	Ave	1.083	1.187		54800	50000	9.6	20.0

Data File: /chem/BNAMS10.i/8270/03-31-11/31mar11.b/p10126.d
Report Date: 31-Mar-2011 05:55

TestAmerica

Data file : /chem/BNAMS10.i/8270/03-31-11/31mar11.b/p10126.d
Lab Smp Id: DFTPP-697155
Inj Date : 31-MAR-2011 00:40
Operator : BNA2 Inst ID: BNAMS10.i
Smp Info : DFTPP-697155
Misc Info : 50 ppm BNA4517
Comment :
Method : /chem/BNAMS10.i/8270/03-31-11/31mar11.b/BNADFTPP.m
Meth Date : 25-Mar-2011 09:28 czhao Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.177	4.278	-0.101	198	104668			0.00- 100.00	100.00
4.177	4.278	-0.101	51	44158			30.00- 60.00	42.19
4.177	4.278	-0.101	68	339			0.00- 2.00	0.68
4.177	4.278	-0.101	69	49545			0.00- 0.00	47.34
4.177	4.278	-0.101	70	0			0.00- 2.00	0.00
4.177	4.278	-0.101	127	60069			40.00- 60.00	57.39
4.177	4.278	-0.101	197	243			0.00- 1.00	0.23
4.177	4.278	-0.101	199	7027			5.00- 9.00	6.71
4.177	4.278	-0.101	275	24232			10.00- 30.00	23.15
4.177	4.278	-0.101	365	3298			1.00- 0.00	3.15
4.177	4.278	-0.101	441	10932			0.01- 100.00	76.94
4.177	4.278	-0.101	442	75205			40.00- 110.00	71.85
4.177	4.278	-0.101	443	14208			17.00- 23.00	18.89

Data File: p10126.d

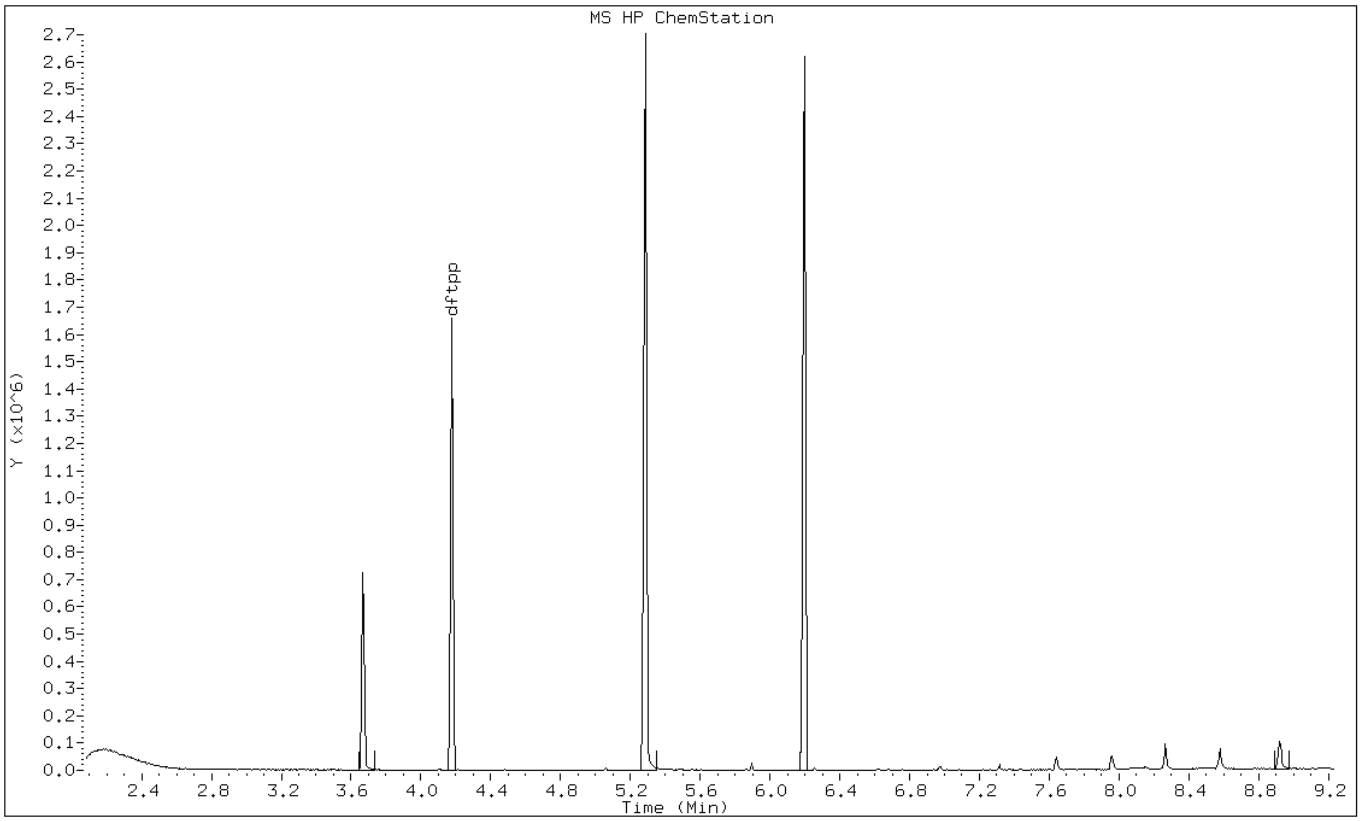
Date: 31-MAR-2011 00:40

Client ID:

Instrument: BNAMS10.i

Sample Info: DFTPP-697155

Operator: BNA2



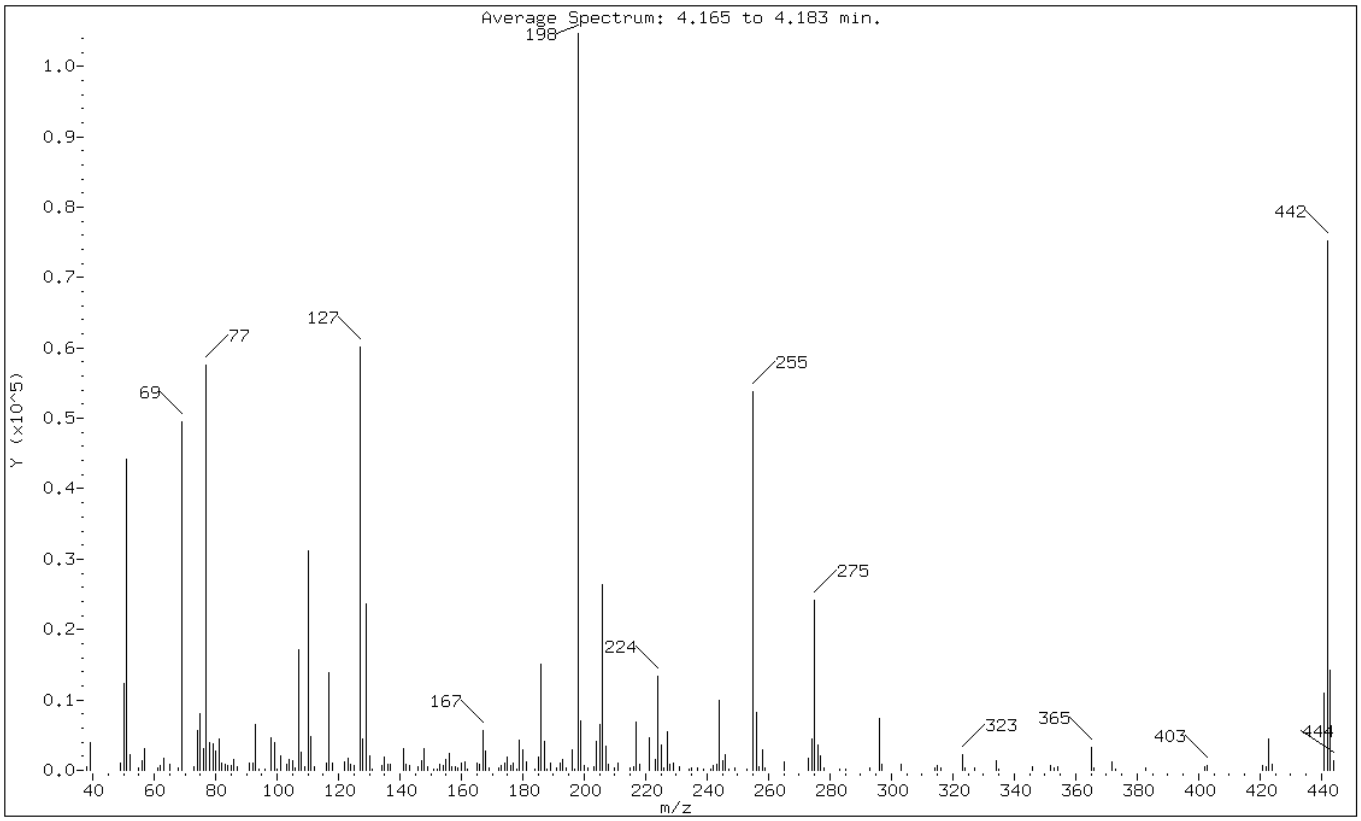
Data File: p10126.d

Date: 31-MAR-2011 00:40

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-697155 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	42.19
68	Less than 2.00% of mass 69	0.32 (0.68)
69	Mass 69 relative abundance	47.34
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	57.39
197	Less than 1.00% of mass 198	0.23
199	5.00 - 9.00% of mass 198	6.71
275	10.00 - 30.00% of mass 198	23.15
365	Greater than 1.00% of mass 198	3.15
441	0.01 - 100.00% of mass 443	10.44 (76.94)
442	40.00 - 110.00% of mass 198	71.85
443	17.00 - 23.00% of mass 442	13.57 (18.89)

Data File: p10126.d

Date: 31-MAR-2011 00:40

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-697155 Operator: BNA2

Data File: /chem/BNAMS10.i/8270/03-31-11/31mar11.b/p10126.d
Spectrum: Average Spectrum: 4.165 to 4.183 min.
Location of Maximum: 198.00
Number of points: 194

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	429	116.00	955	181.00	1257	249.00	328
39.00	3909	117.00	13932	184.00	155	253.00	160
49.00	1098	118.00	1101	185.00	1886	255.00	53736
50.00	12337	122.00	1172	186.00	15089	256.00	8245
51.00	44152	123.00	1674	187.00	4139	257.00	457
52.00	2279	124.00	829	188.00	187	258.00	2997
55.00	272	125.00	651	189.00	1020	259.00	356
56.00	1330	127.00	60064	191.00	401	265.00	1134
57.00	3100	128.00	4410	192.00	1048	273.00	1718
61.00	413	129.00	23616	193.00	1528	274.00	4518
62.00	741	130.00	2066	194.00	297	275.00	24232
63.00	1767	131.00	147	196.00	2969	276.00	3551
65.00	839	134.00	702	197.00	243	277.00	2005
68.00	339	135.00	1901	198.00	104664	278.00	350
69.00	49544	136.00	858	199.00	7027	283.00	133
73.00	527	137.00	877	200.00	651	285.00	206
74.00	5575	141.00	3140	201.00	313	293.00	408
75.00	8108	142.00	911	203.00	532	296.00	7352
76.00	3059	143.00	647	204.00	4150	297.00	903
77.00	57472	146.00	571	205.00	6588	303.00	838
78.00	3867	147.00	1425	206.00	26384	314.00	293
79.00	3809	148.00	3052	207.00	3475	315.00	634
80.00	2809	149.00	584	208.00	815	316.00	397
81.00	4467	151.00	173	210.00	330	323.00	2290
82.00	1040	152.00	168	211.00	994	324.00	313
83.00	865	153.00	899	215.00	271	327.00	399
84.00	674	154.00	729	216.00	443	334.00	1305
85.00	660	155.00	1508	217.00	6791	335.00	134
86.00	1572	156.00	2399	218.00	863	346.00	470
87.00	529	157.00	501	221.00	4663	352.00	637
91.00	999	158.00	565	223.00	1522	353.00	396
92.00	1062	159.00	365	224.00	13411	354.00	582
93.00	6582	160.00	955	225.00	3561	365.00	3298
94.00	197	161.00	1227	226.00	412	366.00	413
96.00	150	162.00	207	227.00	5511	372.00	1239
98.00	4655	165.00	1037	228.00	795	373.00	136
99.00	3904	166.00	928	229.00	1078	383.00	291
100.00	219	167.00	5638	231.00	537	402.00	460
101.00	2076	168.00	2697	234.00	143	403.00	614
103.00	846	169.00	368	235.00	363	421.00	660

104.00	1500	172.00	409	237.00	280	422.00	542
105.00	1389	173.00	704	239.00	135	423.00	4470
106.00	374	174.00	1055	241.00	125	424.00	905
107.00	17176	175.00	1836	242.00	755	441.00	10932
108.00	2487	176.00	634	243.00	816	442.00	75200
109.00	445	177.00	1097	244.00	9993	443.00	14208
110.00	31104	178.00	177	245.00	1346	444.00	1448
111.00	4721	179.00	4208	246.00	2167		
112.00	556	180.00	2863	247.00	145		

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10189.d
Report Date: 02-Apr-2011 05:41

TestAmerica

Data file : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10189.d
Lab Smp Id: DFTPP-697155
Inj Date : 02-APR-2011 04:21
Operator : BNAMS3 Inst ID: BNAMS10.i
Smp Info : DFTPP-697155
Misc Info : 50 ppm BNA4517
Comment   :
Method   : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/BNADFTPP.m
Meth Date : 25-Mar-2011 09:28 czhao Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.089	4.278	-0.189	198	87320			0.00- 100.00	100.00
4.089	4.278	-0.189	51	37288			30.00- 60.00	42.70
4.089	4.278	-0.189	68	225			0.00- 2.00	0.55
4.089	4.278	-0.189	69	41218			0.00- 0.00	47.20
4.089	4.278	-0.189	70	0			0.00- 2.00	0.00
4.089	4.278	-0.189	127	51360			40.00- 60.00	58.82
4.089	4.278	-0.189	197	0			0.00- 1.00	0.00
4.089	4.278	-0.189	199	6216			5.00- 9.00	7.12
4.089	4.278	-0.189	275	21143			10.00- 30.00	24.21
4.089	4.278	-0.189	365	2860			1.00- 0.00	3.28
4.089	4.278	-0.189	441	9212			0.01- 100.00	75.74
4.089	4.278	-0.189	442	64658			40.00- 110.00	74.05
4.089	4.278	-0.189	443	12162			17.00- 23.00	18.81

Data File: p10189.d

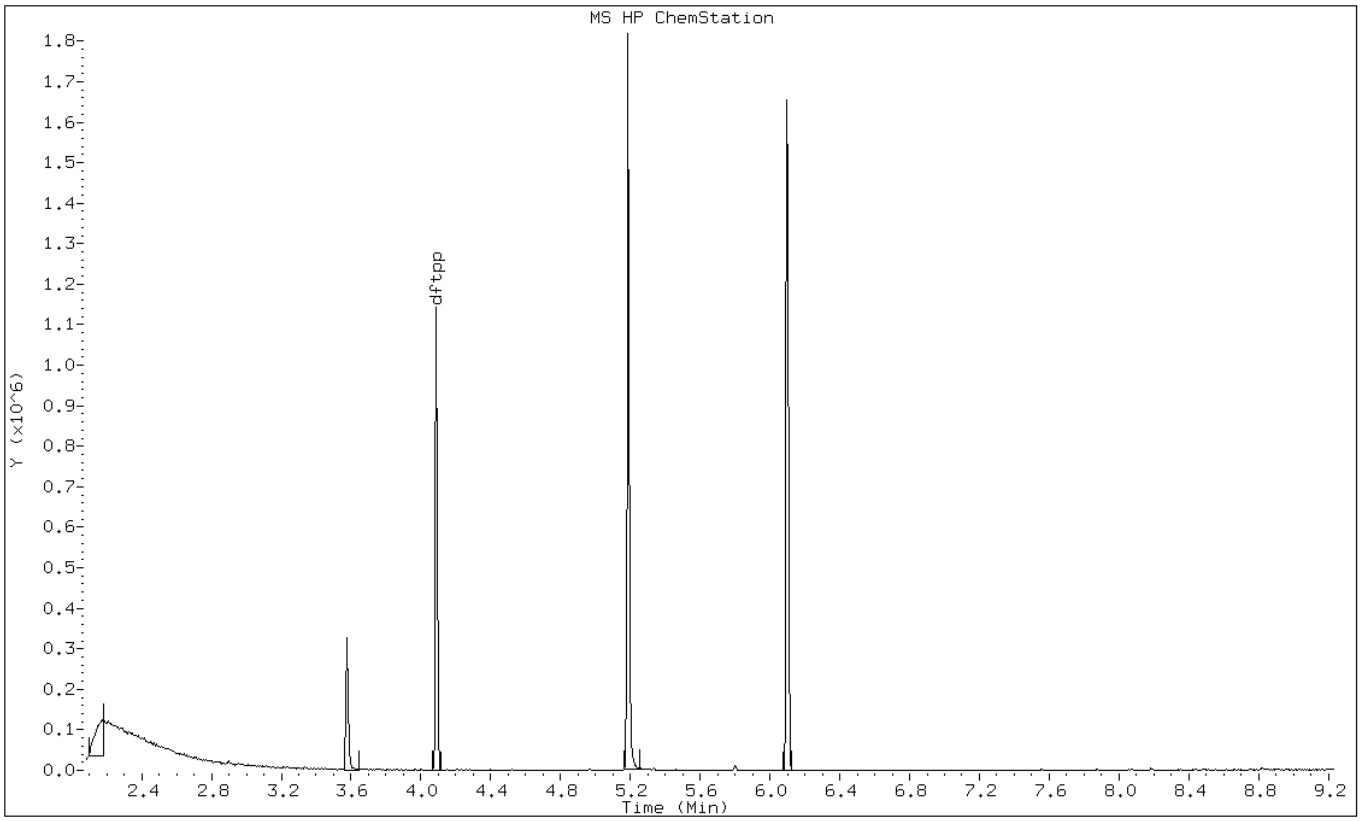
Date: 02-APR-2011 04:21

Client ID:

Instrument: BNAMS10.i

Sample Info: DFTPP-697155

Operator: BNAMS3



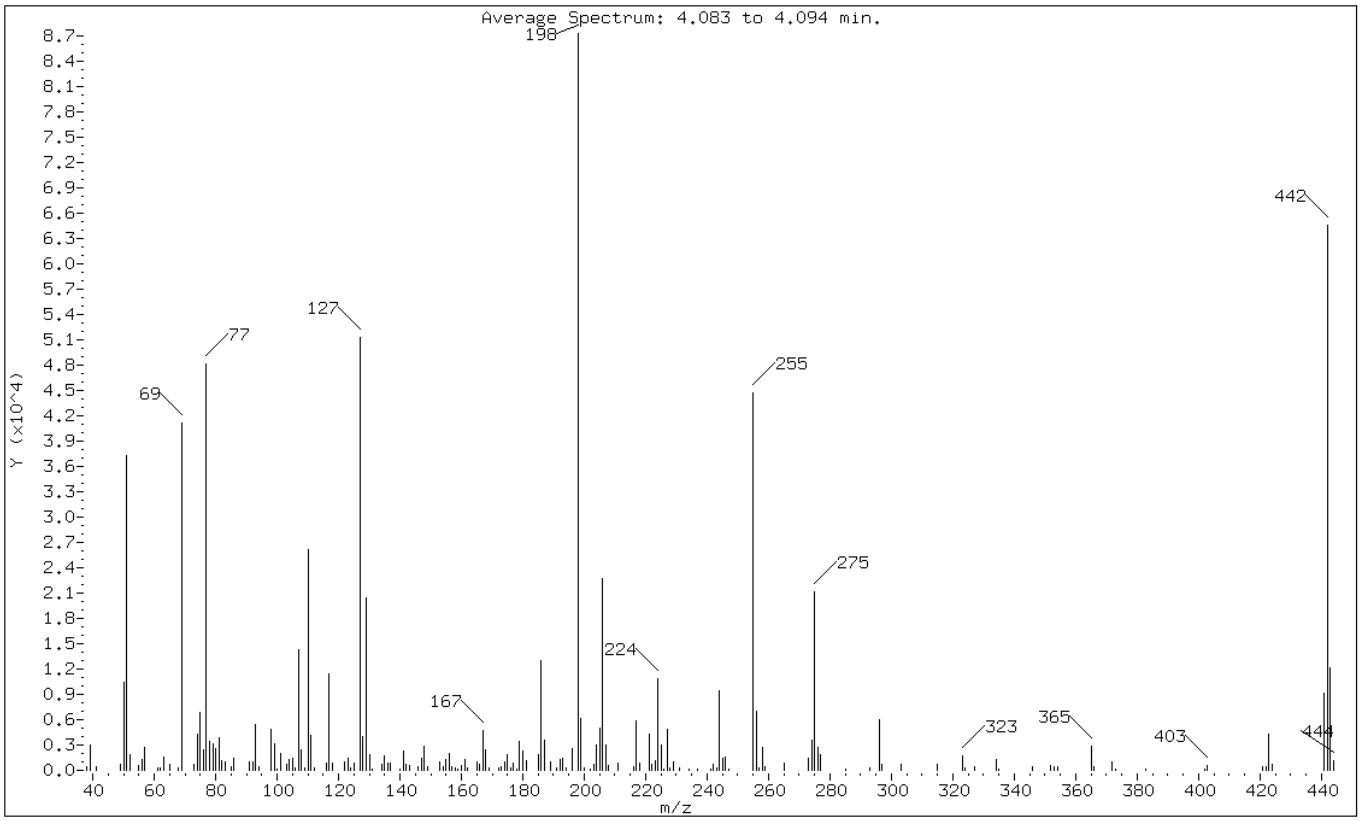
Data File: p10189.d

Date: 02-APR-2011 04:21

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-697155 Operator: BNAMS3

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	42.70
68	Less than 2.00% of mass 69	0.26 (0.55)
69	Mass 69 relative abundance	47.20
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	58.82
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.12
275	10.00 - 30.00% of mass 198	24.21
365	Greater than 1.00% of mass 198	3.28
441	0.01 - 100.00% of mass 443	10.55 (75.74)
442	40.00 - 110.00% of mass 198	74.05
443	17.00 - 23.00% of mass 442	13.93 (18.81)

Data File: p10189.d

Date: 02-APR-2011 04:21

Client ID: Instrument: BNAMS10.i

Sample Info: DFTPP-697155 Operator: BNAMS3

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10189.d
Spectrum: Average Spectrum: 4.083 to 4.094 min.
Location of Maximum: 198.00
Number of points: 179

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	419	111.00	4080	176.00	351	245.00	1398
39.00	2958	112.00	268	177.00	834	246.00	1631
41.00	485	116.00	848	178.00	173	247.00	196
49.00	747	117.00	11421	179.00	3467	255.00	44688
50.00	10411	118.00	816	180.00	2262	256.00	7053
51.00	37288	122.00	952	181.00	1109	257.00	289
52.00	1865	123.00	1465	185.00	1807	258.00	2731
55.00	501	124.00	246	186.00	12934	259.00	362
56.00	1309	125.00	787	187.00	3540	265.00	899
57.00	2667	127.00	51360	189.00	1016	273.00	1395
61.00	277	128.00	4039	191.00	229	274.00	3558
62.00	354	129.00	20424	192.00	1251	275.00	21136
63.00	1586	130.00	1822	193.00	1373	276.00	2697
65.00	749	131.00	190	194.00	233	277.00	1923
68.00	225	134.00	695	196.00	2593	285.00	214
69.00	41216	135.00	1762	198.00	87320	293.00	248
73.00	749	136.00	802	199.00	6216	296.00	5932
74.00	4256	137.00	839	200.00	239	297.00	668
75.00	6881	140.00	173	202.00	178	303.00	730
76.00	2363	141.00	2287	203.00	660	315.00	781
77.00	48104	142.00	783	204.00	3027	323.00	1751
78.00	3436	143.00	516	205.00	5029	324.00	219
79.00	3116	146.00	424	206.00	22736	327.00	371
80.00	2544	147.00	1429	207.00	2995	334.00	1275
81.00	3857	148.00	2928	208.00	511	335.00	180
82.00	1108	149.00	460	211.00	928	346.00	384
83.00	957	153.00	1000	216.00	417	352.00	501
85.00	477	154.00	369	217.00	5876	353.00	366
86.00	1383	155.00	1229	218.00	790	354.00	397
91.00	1050	156.00	2066	221.00	4242	365.00	2860
92.00	963	157.00	416	222.00	760	366.00	399
93.00	5372	158.00	319	223.00	1142	372.00	948
94.00	380	159.00	206	224.00	10805	373.00	175
98.00	4789	160.00	560	225.00	2967	383.00	169
99.00	3189	161.00	1325	226.00	212	402.00	192
100.00	175	162.00	227	227.00	4803	403.00	562
101.00	1934	165.00	1018	228.00	279	421.00	472
103.00	695	166.00	709	229.00	968	422.00	436
104.00	1272	167.00	4761	231.00	287	423.00	4271
105.00	1433	168.00	2386	234.00	214	424.00	693

106.00	242	169.00	238	237.00	186	441.00	9212
107.00	14249	172.00	216	241.00	189	442.00	64656
108.00	2398	173.00	470	242.00	661	443.00	12162
109.00	306	174.00	1071	243.00	221	444.00	1087
110.00	26200	175.00	1875	244.00	9444		

Data File: /chem/BNAMS4.i/8270T/04-02-11/02apr11.b/u66406.d
Report Date: 02-Apr-2011 12:24

TestAmerica

Data file : /chem/BNAMS4.i/8270T/04-02-11/02apr11.b/u66406.d
Lab Smp Id: DFTPP-697155
Inj Date : 02-APR-2011 11:05
Operator : BNAMS3 Inst ID: BNAMS4.i
Smp Info : DFTPP-697155
Misc Info : 25ng/uL DFTPP Lot 4517
Comment :
Method : /chem/BNAMS4.i/8270T/04-02-11/02apr11.b/BNADFTPP.m
Meth Date : 01-Apr-2011 18:46 wahied Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 96 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 #:		
5.102	5.100	0.002	198	28966			0.00- 100.00	100.00
5.102	5.100	0.002	51	15543			30.00- 60.00	53.66
5.102	5.100	0.002	68	0			0.00- 2.00	0.00
5.102	5.100	0.002	69	19690			0.00- 0.00	67.98
5.102	5.100	0.002	70	0			0.00- 2.00	0.00
5.102	5.100	0.002	127	14087			40.00- 60.00	48.63
5.102	5.100	0.002	197	0			0.00- 1.00	0.00
5.102	5.100	0.002	199	1767			5.00- 9.00	6.10
5.102	5.100	0.002	275	5115			10.00- 30.00	17.66
5.102	5.100	0.002	365	524			1.00- 0.00	1.81
5.102	5.100	0.002	441	3433			0.01- 100.00	77.56
5.102	5.100	0.002	442	23099			40.00- 110.00	79.75
5.102	5.100	0.002	443	4426			17.00- 23.00	19.16

Data File: u66406.d

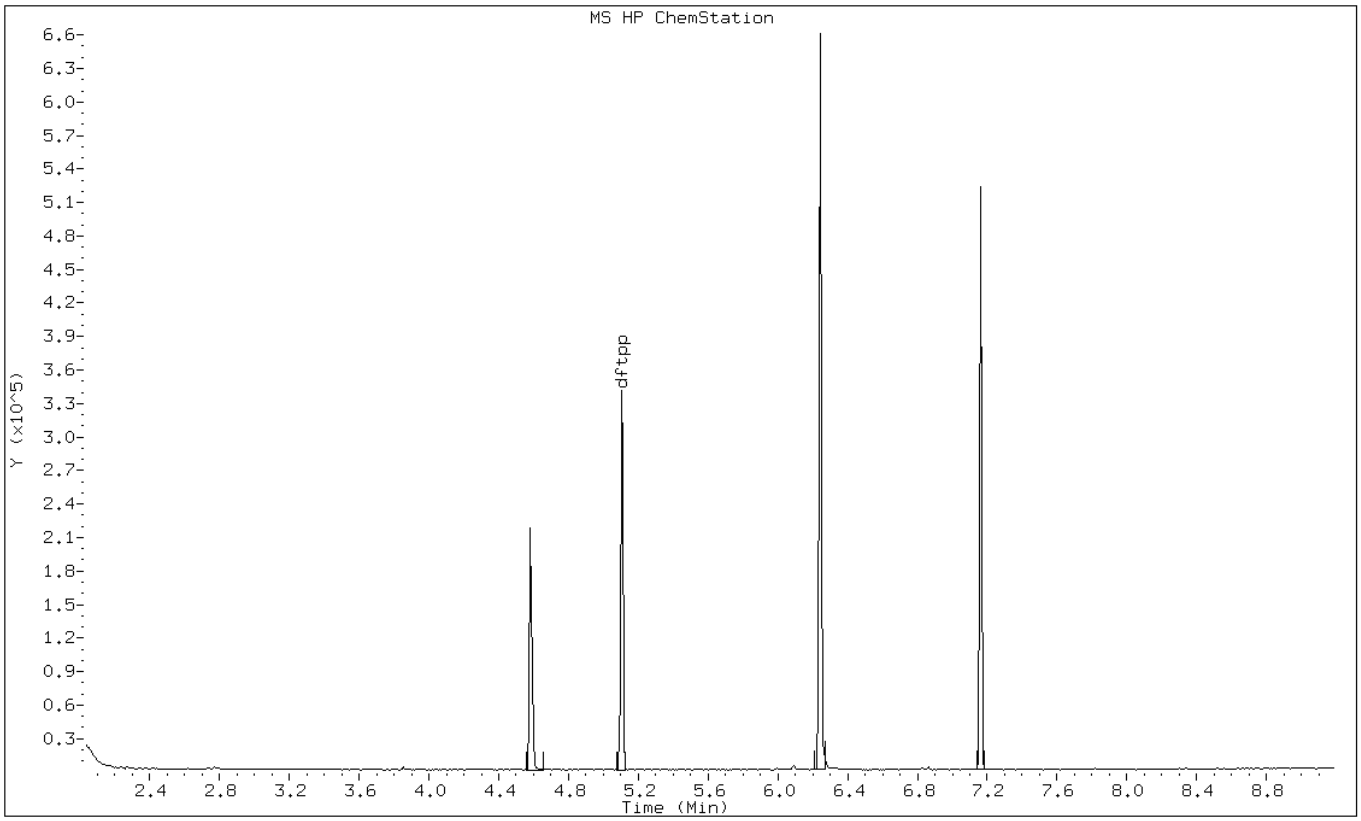
Date: 02-APR-2011 11:05

Client ID:

Instrument: BNAMS4.i

Sample Info: DFTPP-697155

Operator: BNAMS3



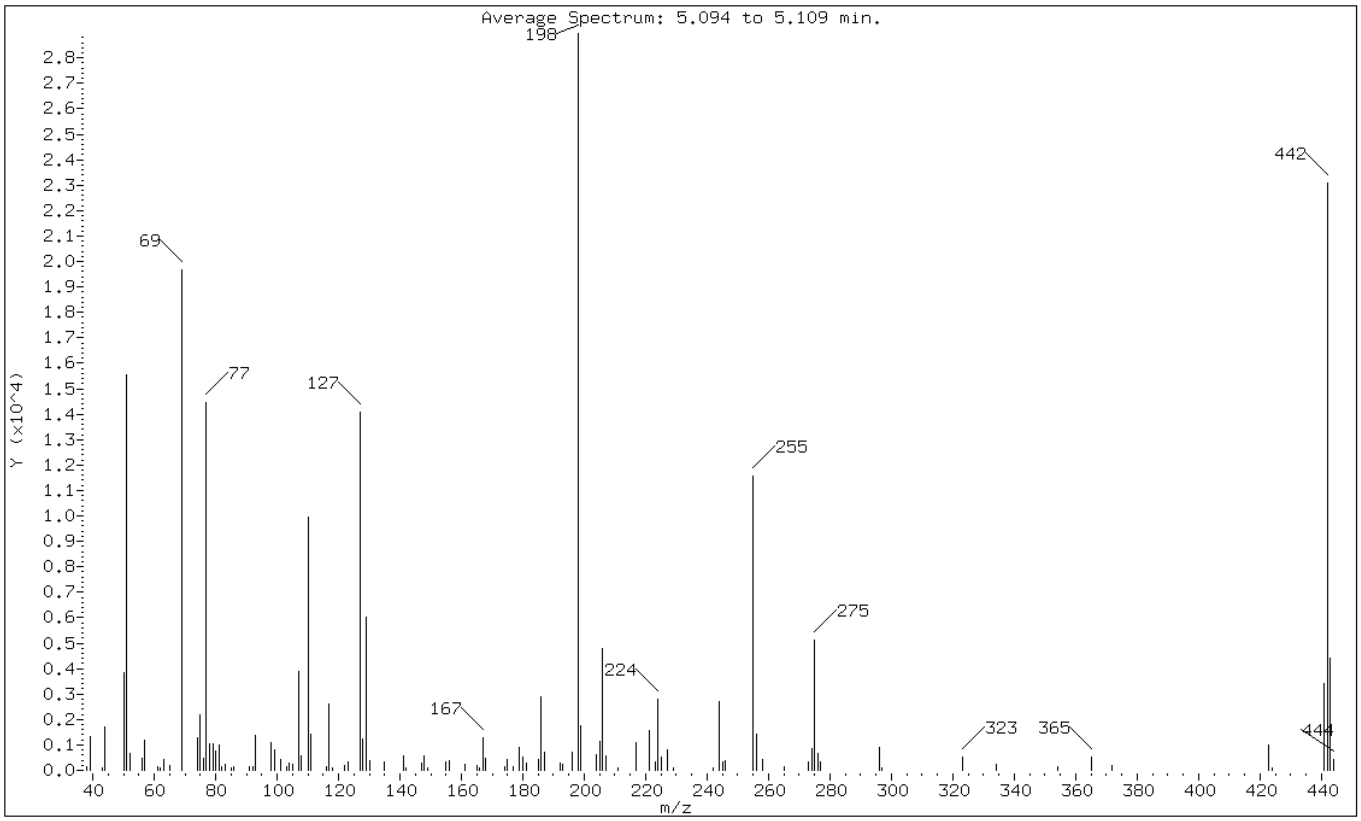
Data File: u66406.d

Date: 02-APR-2011 11:05

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-697155 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	53.66
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	67.98
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	48.63
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.10
275	10.00 - 30.00% of mass 198	17.66
365	Greater than 1.00% of mass 198	1.81
441	0.01 - 100.00% of mass 443	11.85 (77.56)
442	40.00 - 110.00% of mass 198	79.75
443	17.00 - 23.00% of mass 442	15.28 (19.16)

Data File: u66406.d

Date: 02-APR-2011 11:05

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-697155 Operator: BNAMS3

Data File: /chem/BNAMS4.i/8270T/04-02-11/02apr11.b/u66406.d
Spectrum: Average Spectrum: 5.094 to 5.109 min.
Location of Maximum: 198.00
Number of points: 113

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	120	98.00	1075	166.00	104	242.00	110
39.00	1326	99.00	825	167.00	1274	244.00	2689
43.00	114	101.00	419	168.00	489	245.00	325
44.00	1697	103.00	136	174.00	121	246.00	362
50.00	3816	104.00	281	175.00	412	255.00	11552
51.00	15543	105.00	257	177.00	132	256.00	1423
52.00	650	107.00	3867	179.00	915	258.00	431
56.00	480	108.00	570	180.00	520	265.00	127
57.00	1189	110.00	9972	181.00	270	273.00	317
61.00	131	111.00	1426	185.00	418	274.00	869
62.00	104	116.00	133	186.00	2908	275.00	5115
63.00	444	117.00	2593	187.00	696	276.00	659
65.00	191	118.00	103	192.00	291	277.00	312
69.00	19688	122.00	197	193.00	227	296.00	893
74.00	1295	123.00	351	196.00	731	297.00	103
75.00	2197	127.00	14087	198.00	28960	323.00	510
76.00	454	128.00	1251	199.00	1767	334.00	239
77.00	14444	129.00	6003	204.00	636	354.00	127
78.00	1023	130.00	378	205.00	1160	365.00	524
79.00	1033	135.00	310	206.00	4784	372.00	186
80.00	757	141.00	565	207.00	569	423.00	990
81.00	976	142.00	114	211.00	114	424.00	111
82.00	155	147.00	286	217.00	1085	441.00	3433
83.00	251	148.00	560	221.00	1553	442.00	23096
85.00	105	149.00	105	223.00	317	443.00	4426
86.00	123	155.00	319	224.00	2819	444.00	419
91.00	143	156.00	388	225.00	536		
92.00	139	161.00	260	227.00	821		
93.00	1383	165.00	201	229.00	101		

Data File: /chem/BNAMS4.i/8270T/04-02-11/02apr11a.b/u66414.d
Report Date: 02-Apr-2011 17:37

TestAmerica

Data file : /chem/BNAMS4.i/8270T/04-02-11/02apr11a.b/u66414.d
Lab Smp Id: DFTPP-697155
Inj Date : 02-APR-2011 16:14
Operator : BNA2 Inst ID: BNAMS4.i
Smp Info : DFTPP-697155
Misc Info : 25ng/uL DFTPP Lot 4517
Comment :
Method : /chem/BNAMS4.i/8270T/04-02-11/02apr11a.b/BNADFTPP.m
Meth Date : 01-Apr-2011 18:46 wahied Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 96 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: hpd1

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
5.109	5.100	0.009	198	45073			0.00- 100.00	100.00
5.109	5.100	0.009	51	22020			30.00- 60.00	48.85
5.109	5.100	0.009	68	0			0.00- 2.00	0.00
5.109	5.100	0.009	69	29501			0.00- 0.00	65.45
5.109	5.100	0.009	70	0			0.00- 2.00	0.00
5.109	5.100	0.009	127	21360			40.00- 60.00	47.39
5.109	5.100	0.009	197	0			0.00- 1.00	0.00
5.109	5.100	0.009	199	2746			5.00- 9.00	6.09
5.109	5.100	0.009	275	8108			10.00- 30.00	17.99
5.109	5.100	0.009	365	879			1.00- 0.00	1.95
5.109	5.100	0.009	441	5909			0.01- 100.00	79.70
5.109	5.100	0.009	442	39141			40.00- 110.00	86.84
5.109	5.100	0.009	443	7414			17.00- 23.00	18.94

Data File: u66414.d

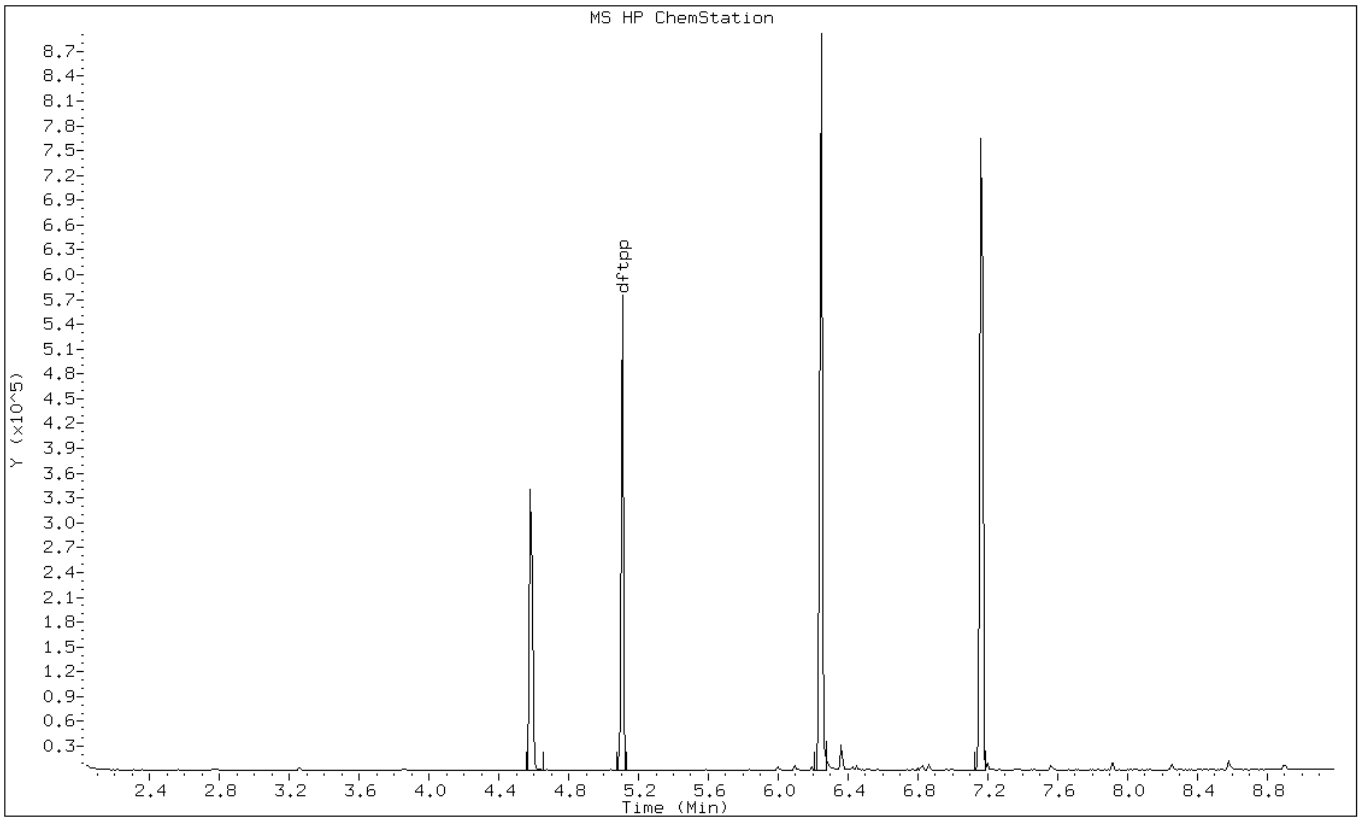
Date: 02-APR-2011 16:14

Client ID:

Instrument: BNAMS4.i

Sample Info: DFTPP-697155

Operator: BNA2



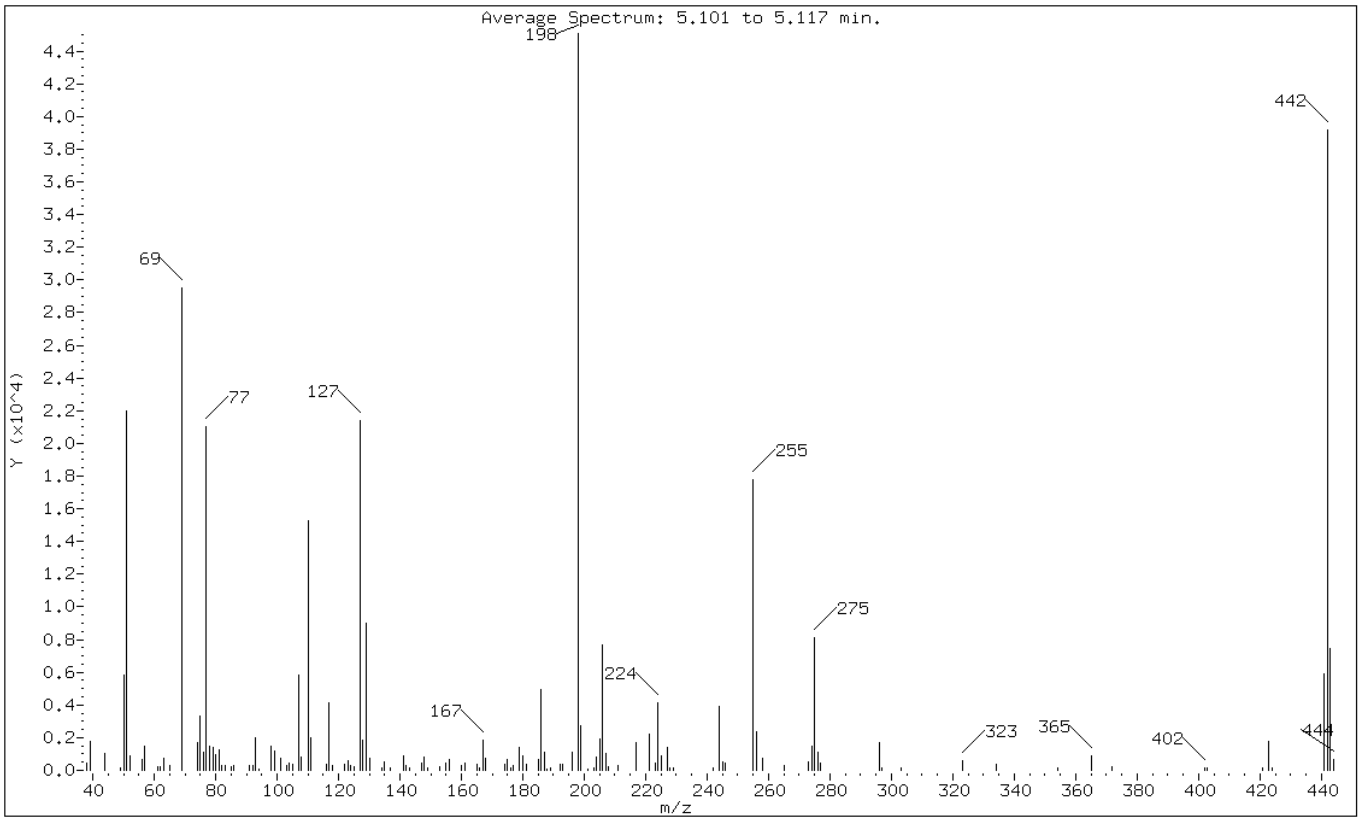
Data File: u66414.d

Date: 02-APR-2011 16:14

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-697155 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	48.85
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	65.45
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	47.39
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.09
275	10.00 - 30.00% of mass 198	17.99
365	Greater than 1.00% of mass 198	1.95
441	0.01 - 100.00% of mass 443	13.11 (79.70)
442	40.00 - 110.00% of mass 198	86.84
443	17.00 - 23.00% of mass 442	16.45 (18.94)

Data File: u66414.d

Date: 02-APR-2011 16:14

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-697155 Operator: BNA2

Data File: /chem/BNAMS4.i/8270T/04-02-11/02apr11a.b/u66414.d
Spectrum: Average Spectrum: 5.101 to 5.117 min.
Location of Maximum: 198.00
Number of points: 132

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	471	104.00	474	168.00	721	242.00	136
39.00	1756	105.00	391	174.00	374	244.00	3942
44.00	1021	107.00	5822	175.00	634	245.00	521
49.00	129	108.00	796	176.00	159	246.00	473
50.00	5820	110.00	15236	177.00	295	255.00	17760
51.00	22016	111.00	1968	179.00	1378	256.00	2358
52.00	908	116.00	378	180.00	852	258.00	733
56.00	674	117.00	4099	181.00	380	265.00	322
57.00	1446	118.00	268	185.00	678	273.00	518
61.00	252	122.00	383	186.00	4961	274.00	1470
62.00	252	123.00	568	187.00	1132	275.00	8108
63.00	771	124.00	309	188.00	103	276.00	1082
65.00	328	125.00	246	189.00	113	277.00	433
69.00	29496	127.00	21360	192.00	389	296.00	1702
74.00	1712	128.00	1859	193.00	366	297.00	127
75.00	3319	129.00	9029	196.00	1117	303.00	135
76.00	1080	130.00	769	198.00	45072	323.00	592
77.00	21056	134.00	160	199.00	2746	334.00	339
78.00	1457	135.00	510	201.00	101	354.00	135
79.00	1394	137.00	134	203.00	130	365.00	879
80.00	980	141.00	864	204.00	820	372.00	226
81.00	1262	142.00	302	205.00	1909	402.00	142
82.00	280	143.00	156	206.00	7689	403.00	137
83.00	316	147.00	431	207.00	1063	421.00	139
85.00	239	148.00	801	208.00	205	423.00	1764
86.00	308	149.00	124	211.00	304	424.00	179
91.00	304	153.00	237	217.00	1728	441.00	5909
92.00	315	155.00	430	221.00	2241	442.00	39136
93.00	2016	156.00	628	223.00	435	443.00	7414
94.00	100	160.00	263	224.00	4167	444.00	630
98.00	1494	161.00	423	225.00	908		
99.00	1159	165.00	332	227.00	1407		
101.00	757	166.00	144	228.00	138		
103.00	315	167.00	1869	229.00	171		

Data File: /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/u66440.d
Report Date: 03-Apr-2011 20:22

TestAmerica

Data file : /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/u66440.d
Lab Smp Id: DFTPP-697155
Inj Date : 03-APR-2011 19:02
Operator : BNA2 Inst ID: BNAMS4.i
Smp Info : DFTPP-697155
Misc Info : 25ng/uL DFTPP Lot 4517
Comment   :
Method   : /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/BNADFTPP.m
Meth Date : 01-Apr-2011 18:46 wahied Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 96 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: hpd1

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
5.074	5.100	-0.026	198	50165			0.00- 100.00	100.00
5.074	5.100	-0.026	51	26167			30.00- 60.00	52.16
5.074	5.100	-0.026	68	0			0.00- 2.00	0.00
5.074	5.100	-0.026	69	34128			0.00- 0.00	68.03
5.074	5.100	-0.026	70	0			0.00- 2.00	0.00
5.074	5.100	-0.026	127	24535			40.00- 60.00	48.91
5.074	5.100	-0.026	197	0			0.00- 1.00	0.00
5.074	5.100	-0.026	199	3320			5.00- 9.00	6.62
5.074	5.100	-0.026	275	9389			10.00- 30.00	18.72
5.074	5.100	-0.026	365	829			1.00- 0.00	1.65
5.074	5.100	-0.026	441	6540			0.01- 100.00	79.58
5.074	5.100	-0.026	442	42965			40.00- 110.00	85.65
5.074	5.100	-0.026	443	8218			17.00- 23.00	19.13

Data File: u66440.d

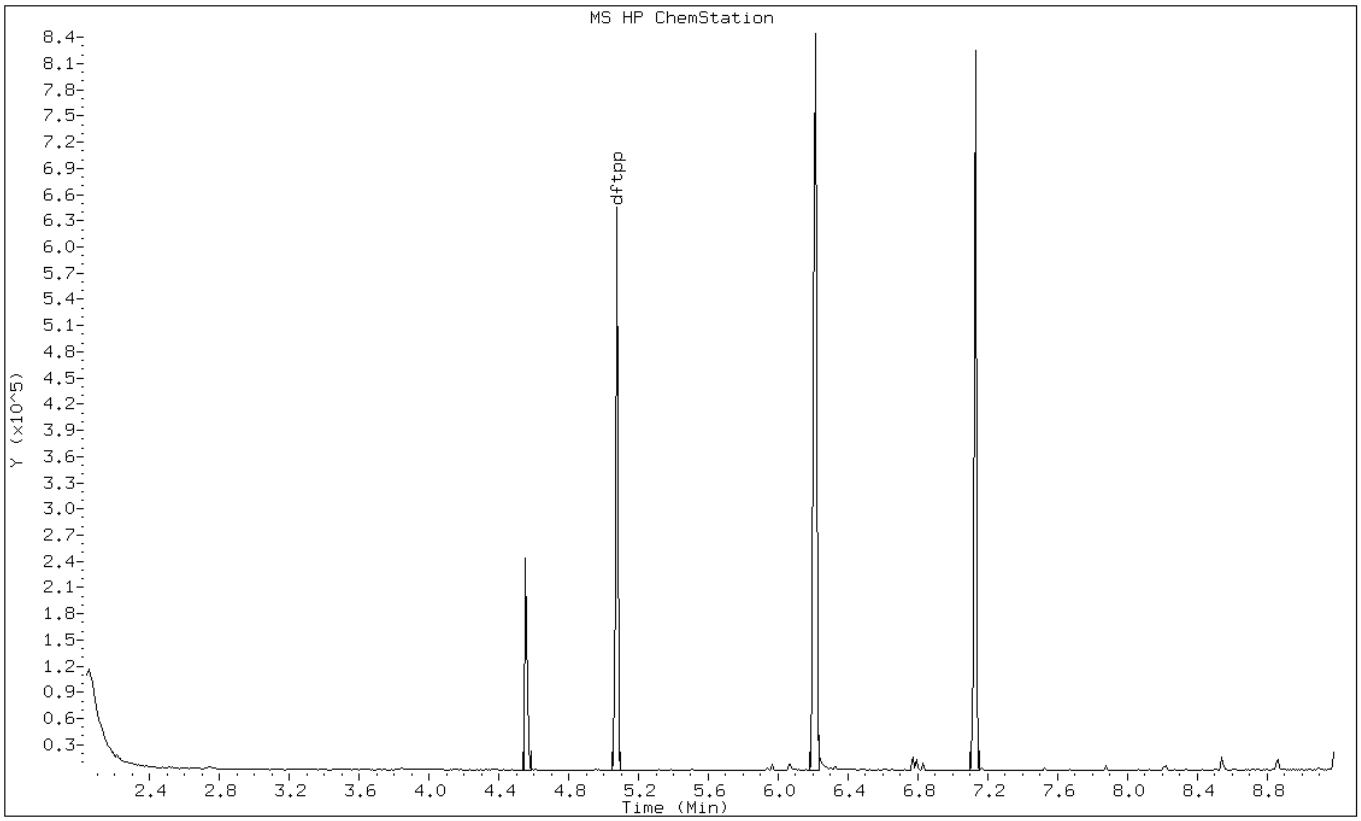
Date: 03-APR-2011 19:02

Client ID:

Instrument: BNAMS4.i

Sample Info: DFTPP-697155

Operator: BNA2



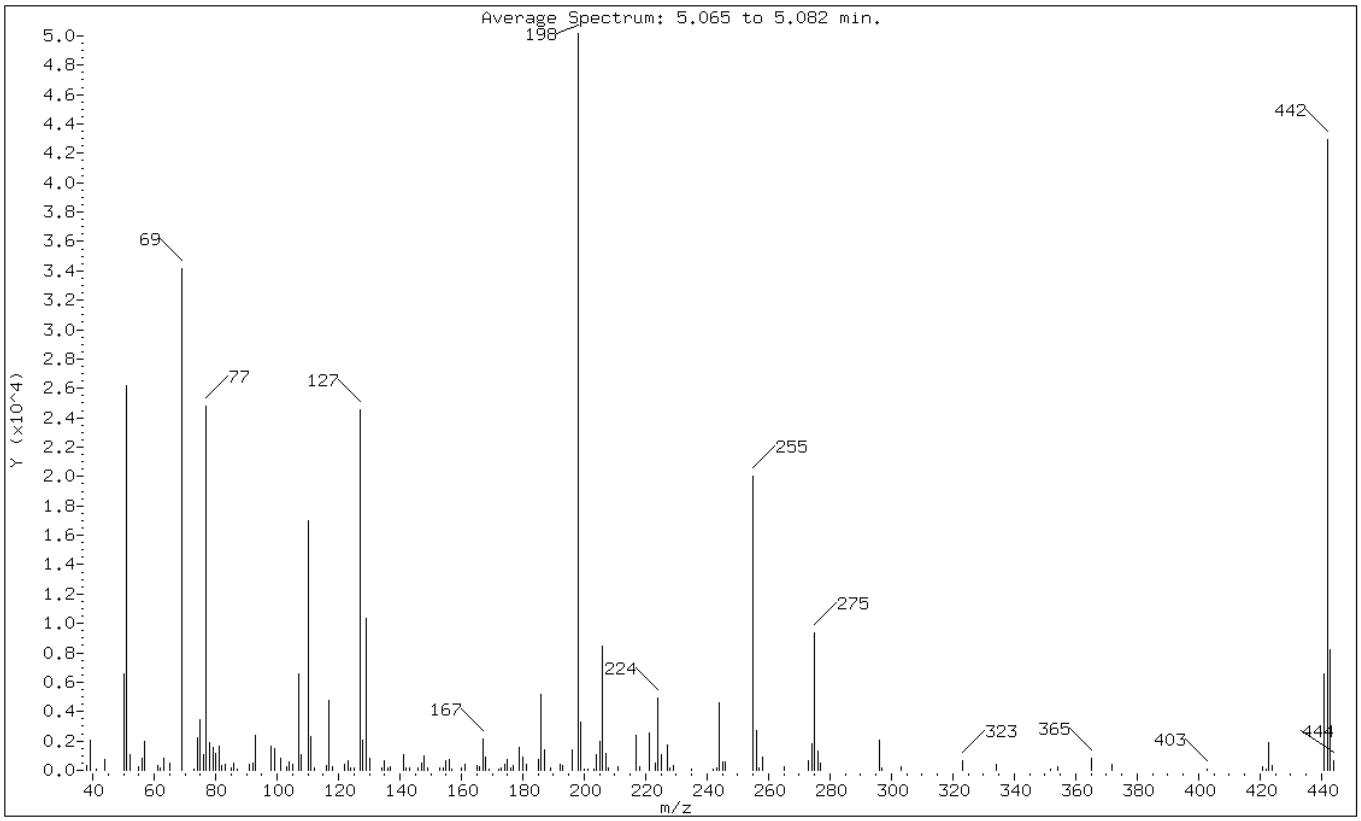
Data File: u66440.d

Date: 03-APR-2011 19:02

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-697155 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	52.16
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	68.03
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	48.91
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.62
275	10.00 - 30.00% of mass 198	18.72
365	Greater than 1.00% of mass 198	1.65
441	0.01 - 100.00% of mass 443	13.04 (79.58)
442	40.00 - 110.00% of mass 198	85.65
443	17.00 - 23.00% of mass 442	16.38 (19.13)

Data File: u66440.d

Date: 03-APR-2011 19:02

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-697155 Operator: BNA2

Data File: /chem/BNAMS4.i/8270T/04-02-11/03apr11.b/u66440.d
Spectrum: Average Spectrum: 5.065 to 5.082 min.
Location of Maximum: 198.00
Number of points: 147

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	304	105.00	394	167.00	2160	228.00	142
39.00	2062	107.00	6563	168.00	905	229.00	340
41.00	113	108.00	1068	169.00	111	235.00	108
44.00	723	110.00	16960	172.00	110	242.00	114
50.00	6577	111.00	2285	173.00	136	243.00	142
51.00	26160	112.00	150	174.00	384	244.00	4567
52.00	1108	116.00	349	175.00	730	245.00	573
55.00	252	117.00	4781	176.00	163	246.00	548
56.00	810	118.00	255	177.00	336	255.00	20048
57.00	2002	122.00	429	179.00	1541	256.00	2723
61.00	323	123.00	692	180.00	938	257.00	139
62.00	162	124.00	165	181.00	392	258.00	878
63.00	826	125.00	159	185.00	702	265.00	273
65.00	471	127.00	24528	186.00	5167	273.00	670
69.00	34128	128.00	2042	187.00	1376	274.00	1779
73.00	121	129.00	10314	189.00	126	275.00	9389
74.00	2201	130.00	843	192.00	380	276.00	1297
75.00	3428	134.00	151	193.00	334	277.00	501
76.00	1041	135.00	650	196.00	1386	296.00	2038
77.00	24784	136.00	169	198.00	50160	297.00	163
78.00	1902	137.00	245	199.00	3320	303.00	254
79.00	1580	141.00	1082	200.00	119	323.00	651
80.00	1179	142.00	174	201.00	122	334.00	403
81.00	1679	143.00	131	203.00	121	352.00	116
82.00	290	146.00	124	204.00	1100	354.00	256
83.00	446	147.00	471	205.00	1987	365.00	829
85.00	169	148.00	957	206.00	8489	372.00	414
86.00	453	149.00	130	207.00	1117	403.00	102
87.00	115	153.00	200	208.00	150	421.00	264
91.00	448	154.00	162	211.00	267	422.00	122
92.00	454	155.00	651	217.00	2349	423.00	1872
93.00	2404	156.00	707	218.00	238	424.00	300
98.00	1647	157.00	101	221.00	2524	441.00	6540
99.00	1509	160.00	143	223.00	532	442.00	42960
101.00	820	161.00	390	224.00	4935	443.00	8218
103.00	223	165.00	299	225.00	1044	444.00	632
104.00	595	166.00	263	227.00	1730		

Data File: /chem/BNAMS4.i/8270T/04-02-11/05apr11a.b/u66476.d
Report Date: 05-Apr-2011 10:24

TestAmerica

Data file : /chem/BNAMS4.i/8270T/04-02-11/05apr11a.b/u66476.d
Lab Smp Id: DFTPP-697155
Inj Date : 05-APR-2011 10:05
Operator : BNA2 Inst ID: BNAMS4.i
Smp Info : DFTPP-697155
Misc Info : 25ng/uL DFTPP Lot 4517
Comment :
Method : /chem/BNAMS4.i/8270T/04-02-11/05apr11a.b/BNADFTPP.m
Meth Date : 01-Apr-2011 18:46 wahied Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 96 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None
Processing Host: hpd1

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
5.035	5.100	-0.065	198	52189			0.00- 100.00	100.00
5.035	5.100	-0.065	51	27106			30.00- 60.00	51.94
5.035	5.100	-0.065	68	0			0.00- 2.00	0.00
5.035	5.100	-0.065	69	34770			0.00- 0.00	66.62
5.035	5.100	-0.065	70	0			0.00- 2.00	0.00
5.035	5.100	-0.065	127	23890			40.00- 60.00	45.78
5.035	5.100	-0.065	197	0			0.00- 1.00	0.00
5.035	5.100	-0.065	199	3411			5.00- 9.00	6.54
5.035	5.100	-0.065	275	9794			10.00- 30.00	18.77
5.035	5.100	-0.065	365	997			1.00- 0.00	1.91
5.035	5.100	-0.065	441	6823			0.01- 100.00	77.35
5.035	5.100	-0.065	442	45360			40.00- 110.00	86.91
5.035	5.100	-0.065	443	8821			17.00- 23.00	19.45

Data File: u66476.d

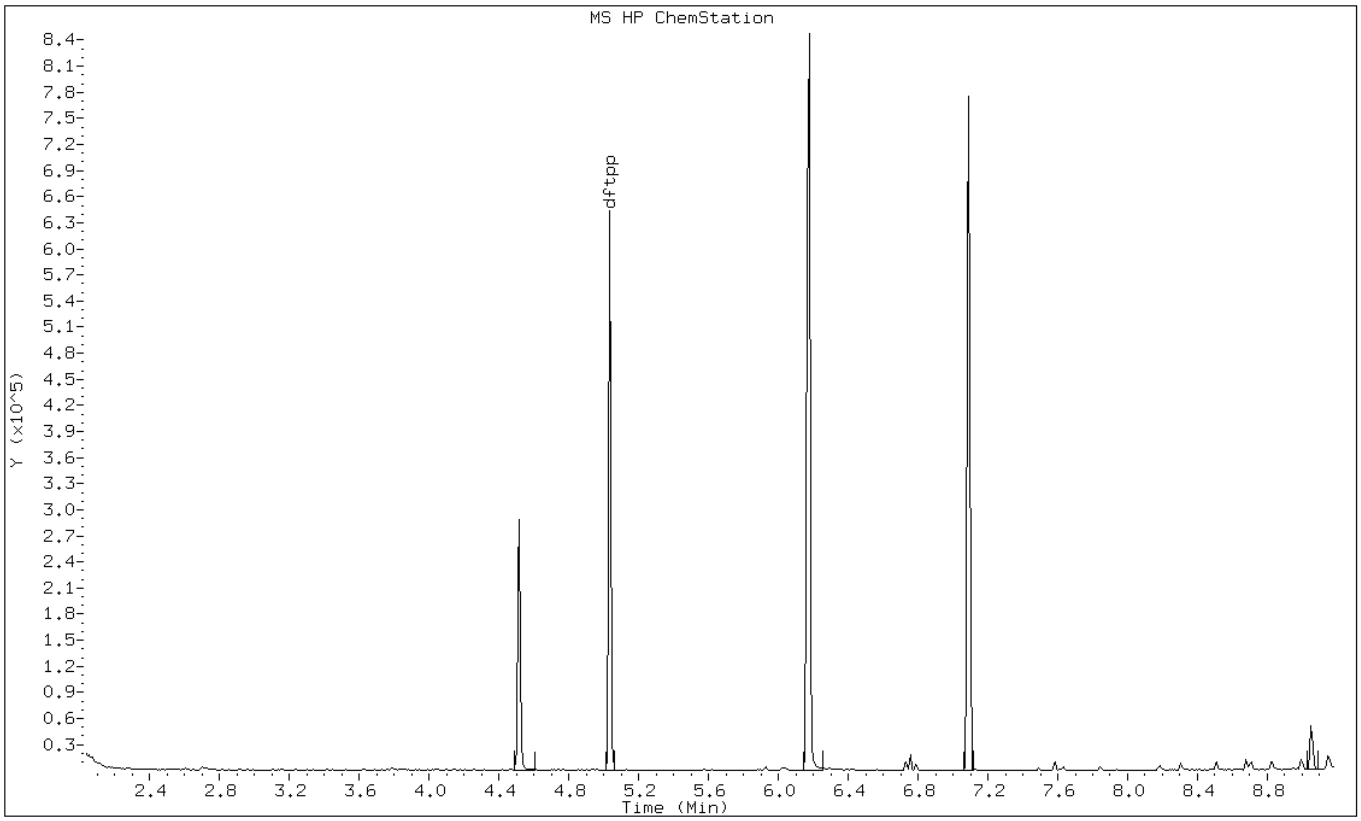
Date: 05-APR-2011 10:05

Client ID:

Instrument: BNAMS4.i

Sample Info: DFTPP-697155

Operator: BNA2



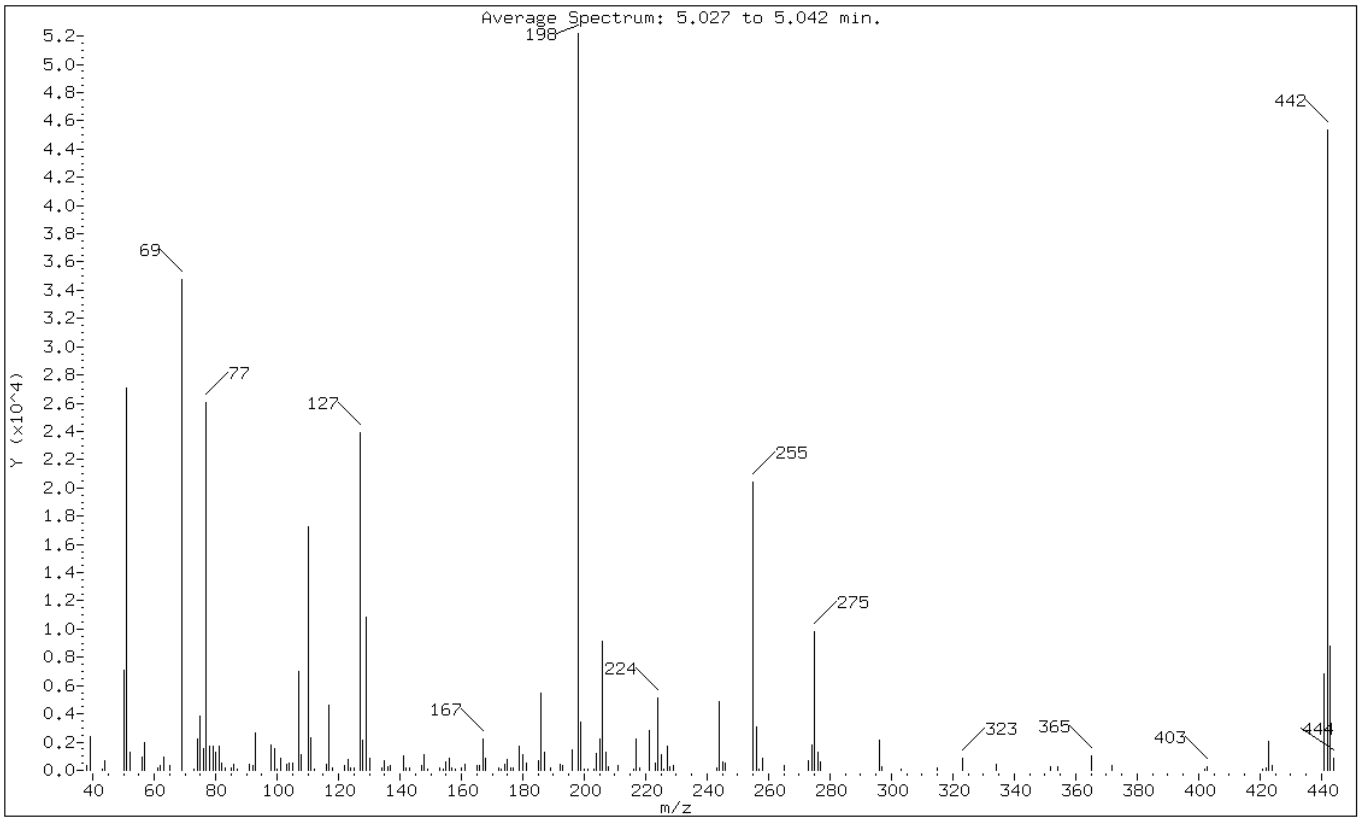
Data File: u66476.d

Date: 05-APR-2011 10:05

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-697155 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	51.94
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	66.62
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	45.78
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	18.77
365	Greater than 1.00% of mass 198	1.91
441	0.01 - 100.00% of mass 443	13.07 (77.35)
442	40.00 - 110.00% of mass 198	86.91
443	17.00 - 23.00% of mass 442	16.90 (19.45)

Data File: u66476.d

Date: 05-APR-2011 10:05

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-697155 Operator: BNA2

Data File: /chem/BNAMS4.i/8270T/04-02-11/05apr11a.b/u66476.d
Spectrum: Average Spectrum: 5.027 to 5.042 min.
Location of Maximum: 198.00
Number of points: 148

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	365	107.00	7037	172.00	132	243.00	159
39.00	2355	108.00	1073	173.00	102	244.00	4833
43.00	108	110.00	17264	174.00	456	245.00	596
44.00	691	111.00	2342	175.00	792	246.00	536
50.00	7061	112.00	100	176.00	162	255.00	20424
51.00	27104	116.00	453	177.00	197	256.00	3042
52.00	1288	117.00	4630	179.00	1722	257.00	103
56.00	910	118.00	135	180.00	1152	258.00	869
57.00	1927	122.00	353	181.00	539	265.00	350
61.00	162	123.00	798	185.00	722	273.00	711
62.00	331	124.00	171	186.00	5493	274.00	1760
63.00	921	125.00	167	187.00	1245	275.00	9794
65.00	369	127.00	23888	189.00	190	276.00	1292
69.00	34768	128.00	2118	192.00	397	277.00	556
73.00	123	129.00	10816	193.00	327	296.00	2112
74.00	2231	130.00	837	196.00	1412	297.00	266
75.00	3839	134.00	136	198.00	52184	303.00	113
76.00	1557	135.00	722	199.00	3411	315.00	134
77.00	26008	136.00	229	200.00	102	323.00	838
78.00	1688	137.00	343	201.00	120	334.00	414
79.00	1674	141.00	1058	203.00	108	352.00	237
80.00	1259	142.00	182	204.00	1238	354.00	267
81.00	1730	143.00	159	205.00	2210	365.00	997
82.00	509	147.00	356	206.00	9125	372.00	371
83.00	209	148.00	1101	207.00	1316	402.00	107
85.00	129	149.00	112	208.00	267	403.00	219
86.00	469	153.00	193	211.00	319	421.00	124
87.00	106	154.00	120	216.00	116	422.00	158
91.00	432	155.00	627	217.00	2251	423.00	2046
92.00	363	156.00	895	218.00	141	424.00	368
93.00	2644	157.00	159	221.00	2814	441.00	6823
98.00	1828	158.00	120	223.00	554	442.00	45360
99.00	1529	160.00	172	224.00	5107	443.00	8821
100.00	100	161.00	468	225.00	1127	444.00	818
101.00	888	165.00	364	226.00	106		
103.00	395	166.00	302	227.00	1732		
104.00	539	167.00	2185	228.00	239		
105.00	509	168.00	826	229.00	323		

Data File: /chem/BNAMS4.i/8270T/04-02-11/06apr11a.b/u66504.d
Report Date: 06-Apr-2011 10:56

TestAmerica

Data file : /chem/BNAMS4.i/8270T/04-02-11/06apr11a.b/u66504.d
Lab Smp Id: DFTPP-697155
Inj Date : 06-APR-2011 10:37
Operator : BNAMS3 Inst ID: BNAMS4.i
Smp Info : DFTPP-697155
Misc Info : 25ng/uL DFTPP Lot 4517
Comment   :
Method   : /chem/BNAMS4.i/8270T/04-02-11/06apr11a.b/BNADFTPP.m
Meth Date : 01-Apr-2011 18:46 wahied Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 96 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50 Sample Matrix: None

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #:		
4.939	5.100	-0.161	198	36693			0.00- 100.00	100.00
4.939	5.100	-0.161	51	18696			30.00- 60.00	50.95
4.939	5.100	-0.161	68	0			0.00- 2.00	0.00
4.939	5.100	-0.161	69	23946			0.00- 0.00	65.26
4.939	5.100	-0.161	70	0			0.00- 2.00	0.00
4.939	5.100	-0.161	127	16947			40.00- 60.00	46.19
4.939	5.100	-0.161	197	0			0.00- 1.00	0.00
4.939	5.100	-0.161	199	2336			5.00- 9.00	6.37
4.939	5.100	-0.161	275	6359			10.00- 30.00	17.33
4.939	5.100	-0.161	365	540			1.00- 0.00	1.47
4.939	5.100	-0.161	441	4291			0.01- 100.00	77.40
4.939	5.100	-0.161	442	29092			40.00- 110.00	79.28
4.939	5.100	-0.161	443	5544			17.00- 23.00	19.06

Data File: u66504.d

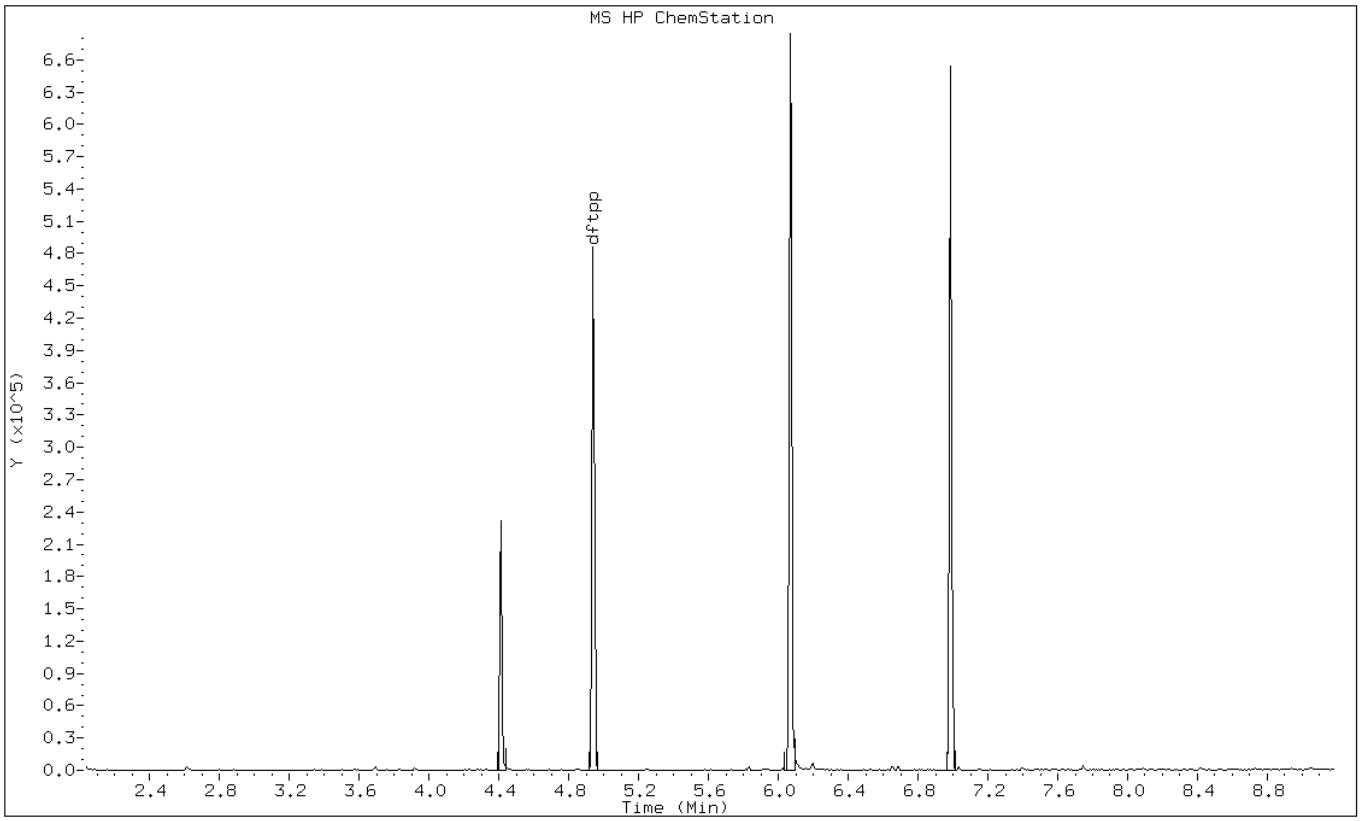
Date: 06-APR-2011 10:37

Client ID:

Instrument: BNAMS4.i

Sample Info: DFTPP-697155

Operator: BNAMS3



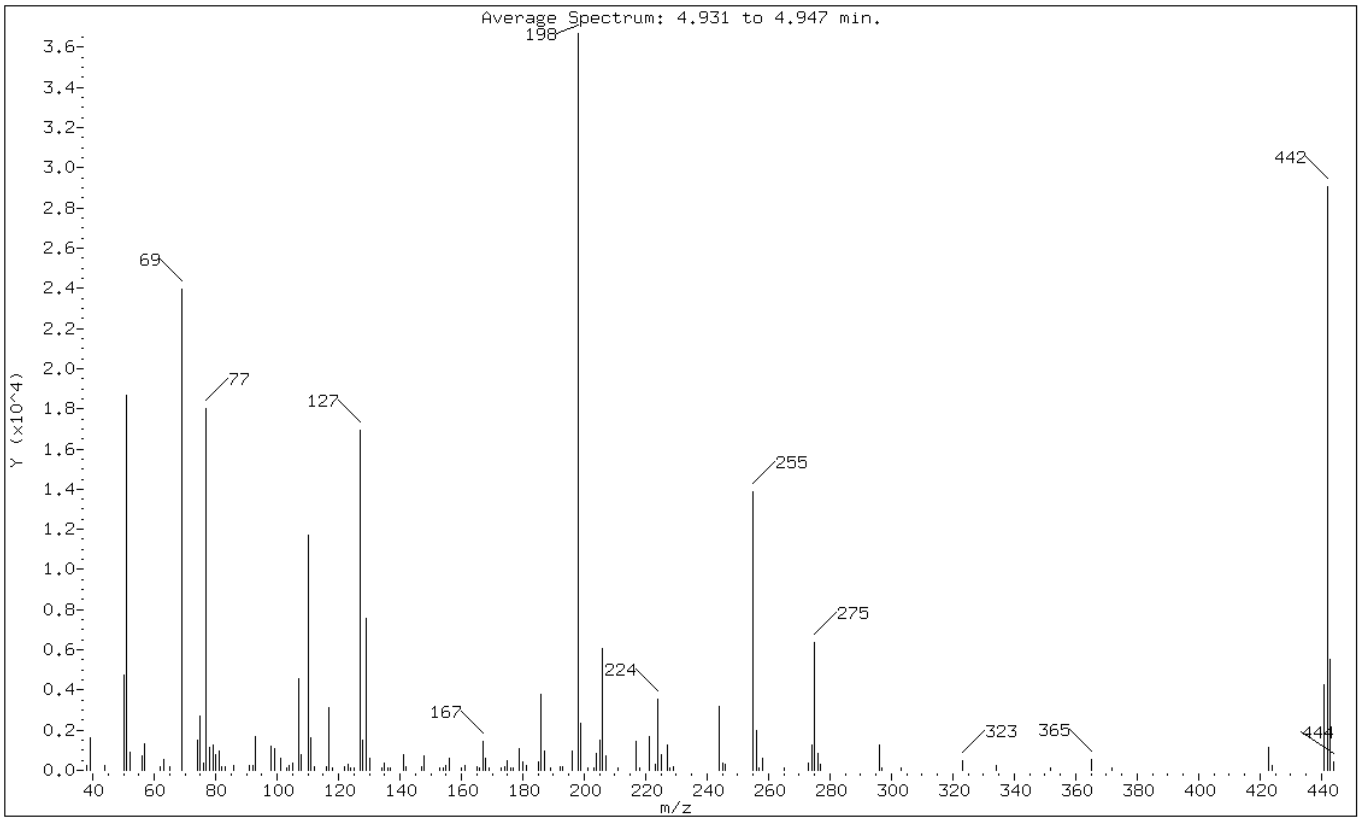
Data File: u66504.d

Date: 06-APR-2011 10:37

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-697155 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	50.95
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	65.26
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	46.19
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.37
275	10.00 - 30.00% of mass 198	17.33
365	Greater than 1.00% of mass 198	1.47
441	0.01 - 100.00% of mass 443	11.69 (77.40)
442	40.00 - 110.00% of mass 198	79.28
443	17.00 - 23.00% of mass 442	15.11 (19.06)

Data File: u66504.d

Date: 06-APR-2011 10:37

Client ID: Instrument: BNAMS4.i

Sample Info: DFTPP-697155 Operator: BNAMS3

Data File: /chem/BNAMS4.i/8270T/04-02-11/06apr11a.b/u66504.d
Spectrum: Average Spectrum: 4.931 to 4.947 min.
Location of Maximum: 198.00
Number of points: 127

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	246	107.00	4560	167.00	1426	225.00	777
39.00	1647	108.00	801	168.00	628	227.00	1237
44.00	257	110.00	11698	169.00	122	228.00	145
50.00	4766	111.00	1610	173.00	100	229.00	159
51.00	18696	112.00	161	174.00	160	244.00	3163
52.00	911	116.00	153	175.00	452	245.00	388
56.00	734	117.00	3128	176.00	115	246.00	326
57.00	1344	118.00	146	177.00	123	255.00	13861
62.00	170	122.00	172	179.00	1052	256.00	1989
63.00	540	123.00	326	180.00	440	257.00	104
65.00	161	124.00	136	181.00	229	258.00	585
69.00	23944	125.00	126	185.00	399	265.00	136
74.00	1530	127.00	16944	186.00	3803	273.00	356
75.00	2674	128.00	1480	187.00	948	274.00	1231
76.00	349	129.00	7571	189.00	104	275.00	6359
77.00	18040	130.00	585	192.00	192	276.00	825
78.00	1144	134.00	131	193.00	174	277.00	291
79.00	1257	135.00	383	196.00	970	296.00	1251
80.00	765	136.00	117	198.00	36688	297.00	101
81.00	978	137.00	136	199.00	2336	303.00	132
82.00	192	141.00	764	201.00	105	323.00	492
83.00	152	142.00	155	203.00	127	334.00	266
86.00	216	147.00	188	204.00	862	352.00	109
91.00	240	148.00	737	205.00	1515	365.00	540
92.00	264	153.00	146	206.00	6051	372.00	101
93.00	1705	154.00	103	207.00	745	423.00	1166
98.00	1229	155.00	253	211.00	103	424.00	234
99.00	1100	156.00	601	217.00	1439	441.00	4291
101.00	604	160.00	134	218.00	123	442.00	29088
103.00	128	161.00	229	221.00	1683	443.00	5544
104.00	238	165.00	185	223.00	300	444.00	398
105.00	343	166.00	149	224.00	3524		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-68998/1-A

Matrix: Solid | Lab File ID: p10191.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.00(g) | Date Analyzed: 04/02/2011 05:39

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.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	330	U	330	41
95-57-8	2-Chlorophenol	330	U	330	44
95-48-7	2-Methylphenol	330	U	330	48
106-44-5	4-Methylphenol	330	U	330	54
100-52-7	Benzaldehyde	330	U	330	21
98-86-2	Acetophenone	330	U	330	49
111-44-4	Bis(2-chloroethyl)ether	33	U	33	6.9
108-60-1	2,2'-oxybis[1-chloropropane]	330	U	330	43
621-64-7	N-Nitrosodi-n-propylamine	33	U	33	4.4
98-95-3	Nitrobenzene	33	U	33	7.4
67-72-1	Hexachloroethane	33	U	33	5.6
78-59-1	Isophorone	330	U	330	38
88-75-5	2-Nitrophenol	330	U	330	54
105-67-9	2,4-Dimethylphenol	330	U	330	53
120-83-2	2,4-Dichlorophenol	330	U	330	53
111-91-1	Bis(2-chloroethoxy)methane	330	U	330	47
91-20-3	Naphthalene	330	U	330	48
106-47-8	4-Chloroaniline	330	U	330	42
87-68-3	Hexachlorobutadiene	67	U	67	13
105-60-2	Caprolactam	330	U	330	45
59-50-7	4-Chloro-3-methylphenol	330	U	330	56
91-57-6	2-Methylnaphthalene	330	U	330	48
118-74-1	Hexachlorobenzene	33	U	33	4.6
77-47-4	Hexachlorocyclopentadiene	330	U	330	97
88-06-2	2,4,6-Trichlorophenol	330	U	330	59
95-95-4	2,4,5-Trichlorophenol	330	U	330	64
92-52-4	Diphenyl	330	U	330	55
91-58-7	2-Chloronaphthalene	330	U	330	47
88-74-4	2-Nitroaniline	670	U	670	91
606-20-2	2,6-Dinitrotoluene	67	U	67	8.4
131-11-3	Dimethyl phthalate	330	U	330	45
208-96-8	Acenaphthylene	330	U	330	47
99-09-2	3-Nitroaniline	670	U	670	75
83-32-9	Acenaphthene	330	U	330	47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-68998/1-A

Matrix: Solid | Lab File ID: p10191.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.00(g) | Date Analyzed: 04/02/2011 05:39

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.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1000	U	1000	85
51-28-5	2,4-Dinitrophenol	1000	U	1000	70
132-64-9	Dibenzofuran	330	U	330	50
84-66-2	Diethyl phthalate	330	U	330	44
86-73-7	Fluorene	330	U	330	56
206-44-0	Fluoranthene	330	U	330	55
84-74-2	Di-n-butyl phthalate	330	U	330	51
121-14-2	2,4-Dinitrotoluene	67	U	67	9.7
7005-72-3	4-Chlorophenyl phenyl ether	330	U	330	57
100-01-6	4-Nitroaniline	670	U	670	68
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	1000	160
101-55-3	4-Bromophenyl phenyl ether	330	U	330	59
1912-24-9	Atrazine	330	U	330	62
120-12-7	Anthracene	330	U	330	58
86-74-8	Carbazole	330	U	330	53
85-01-8	Phenanthrene	330	U	330	58
87-86-5	Pentachlorophenol	1000	U	1000	160
129-00-0	Pyrene	330	U	330	57
218-01-9	Chrysene	330	U	330	48
207-08-9	Benzo[k]fluoranthene	33	U	33	4.6
191-24-2	Benzo[g,h,i]perylene	330	U	330	35
205-99-2	Benzo[b]fluoranthene	33	U	33	4.9
50-32-8	Benzo[a]pyrene	33	U	33	4.1
56-55-3	Benzo[a]anthracene	33	U	33	6.1
86-30-6	N-Nitrosodiphenylamine	330	U	330	54
85-68-7	Butyl benzyl phthalate	330	U	330	39
117-81-7	Bis(2-ethylhexyl) phthalate	330	U	330	44
117-84-0	Di-n-octyl phthalate	330	U	330	39
193-39-5	Indeno[1,2,3-cd]pyrene	33	U	33	5.3
53-70-3	Dibenz(a,h)anthracene	33	U	33	4.0
91-94-1	3,3'-Dichlorobenzidine	670	U	670	73
95-94-3	1,2,4,5-Tetrachlorobenzene	330	U	330	45
58-90-2	2,3,4,6-Tetrachlorophenol	330	U	330	66

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68998/1-A

Matrix: Solid Lab File ID: p10191.d

Analysis Method: 8270C Date Collected:

Extract. Method: 3541 Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.00(g) Date Analyzed: 04/02/2011 05:39

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.: 69508 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	86		38-105
4165-62-2	Phenol-d5	82		41-118
1718-51-0	Terphenyl-d14	77		16-151
118-79-6	2,4,6-Tribromophenol	75		10-120
367-12-4	2-Fluorophenol	83		37-125
321-60-8	2-Fluorobiphenyl	85		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-68998/1-A

Matrix: Solid | Lab File ID: p10191.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.00(g) | Date Analyzed: 04/02/2011 05:39

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.: 69508 | Units: ug/Kg

Number TICs Found: 1 | TIC Result Total: 10600

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldol Condensate	2.43	10600	A J

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10191.d
Report Date: 02-Apr-2011 16:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10191.d
Lab Smp Id: MB 460-68998/1-A
Inj Date : 02-APR-2011 05:39
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : MB 460-68998/1-A
Misc Info :
Comment :
Method : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/8270C_08SP.m
Meth Date : 02-Apr-2011 06:27 asfawa Quant Type: ISTD
Cal Date : 31-MAR-2011 01:00 Cal File: p10127.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 16 2-Fluorophenol (SUR)	112	2.754	2.748	(0.665)	694140	83.4456	5600
$ 17 Phenol-d5 (SUR)	99	3.771	3.776	(0.911)	816187	82.4669	5500
* 79 1,4-Dichlorobenzene-d4	152	4.141	4.146	(1.000)	253799	40.0000	
$ 76 Nitrobenzene-d5 (SUR)	82	4.752	4.758	(0.862)	386795	42.8489	2800
* 80 Naphthalene-d8	136	5.516	5.521	(1.000)	902931	40.0000	
$ 77 2-Fluorobiphenyl (SUR)	172	6.655	6.655	(0.909)	658573	42.2640	2800
* 82 Acenaphthene-d10	164	7.319	7.319	(1.000)	477956	40.0000	
$ 18 2,4,6-Tribromophenol (SUR)	330	8.107	8.107	(1.108)	125832	75.3733	5000
* 83 Phenanthrene-d10	188	8.782	8.788	(1.000)	622676	40.0000	
$ 78 Terphenyl-d14	244	10.363	10.369	(0.906)	435628	38.7129	2600
* 81 Chrysene-d12	240	11.444	11.450	(1.000)	511746	40.0000	
* 84 Perylene-d12	264	13.230	13.236	(1.000)	474229	40.0000	

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10191.d
Report Date: 02-Apr-2011 16:04

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10191.d
Lab Smp Id: MB 460-68998/1-A
Inj Date : 02-APR-2011 05:39
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : MB 460-68998/1-A
Misc Info :
Comment :
Method : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/8270C_08SP.m
Meth Date : 02-Apr-2011 06:27 asfawa Quant Type: ISTD
Cal Date : 31-MAR-2011 01:00 Cal File: p10127.d
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 79 1,4-Dichlorobenzene-d4	4.141	1581651	40.000

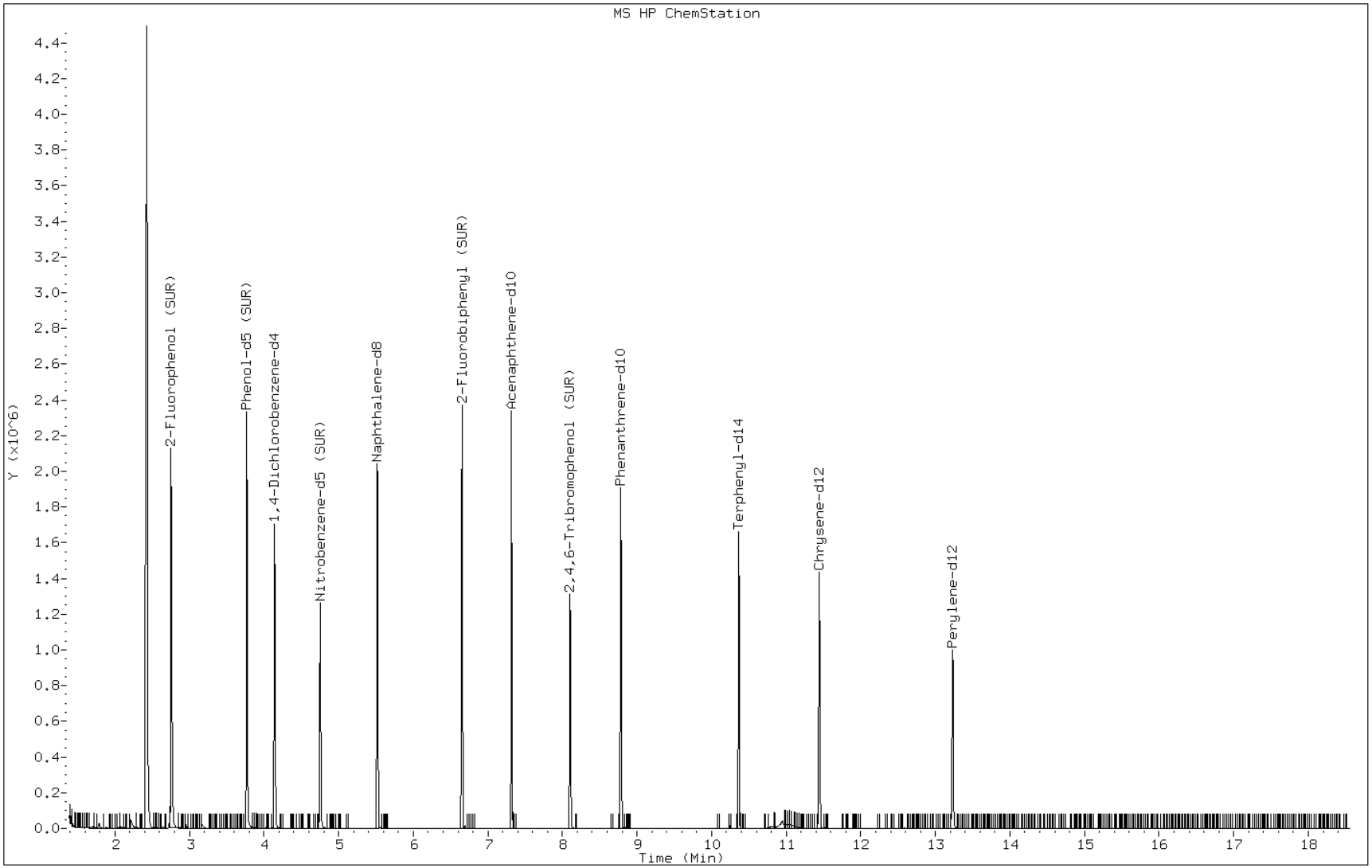
	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown Aldol Condensate					CAS #:		
2.431	6268130	158.521091	10000	0		0	79

Data File: p10191.d

Date: 02-APR-2011 05:39

Client ID: Instrument: BNAMS10.i

Sample Info: MB 460-68998/1-A Operator: BNAMS 4



Data File: p10191.d

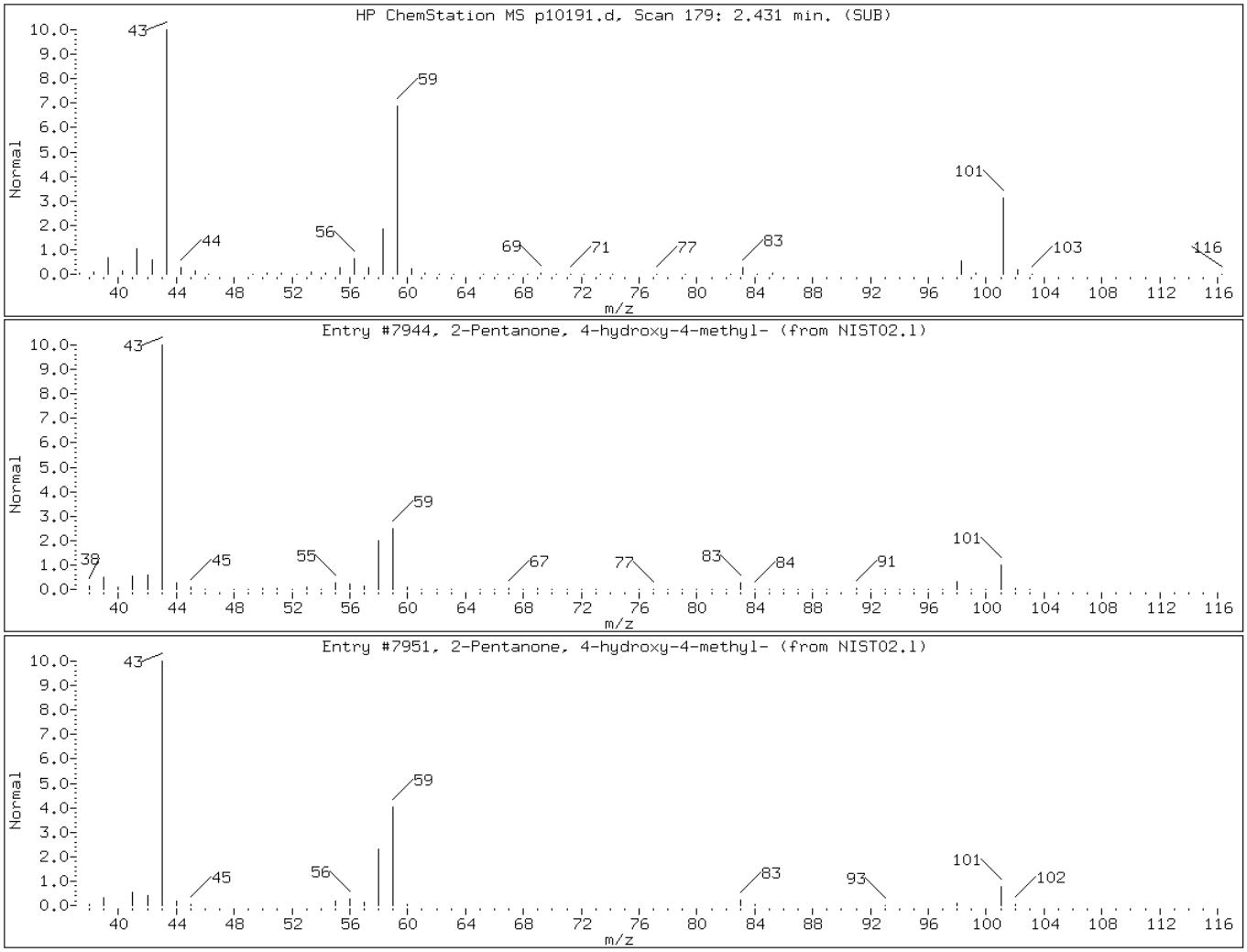
Date: 02-APR-2011 05:39

Client ID: Instrument: BNAMS10.i

Sample Info: MB 460-68998/1-A Operator: BNAMS 4

Retention Time: 2.43

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldol Condensate						
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7944	50	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.l	7951	50	C6H12O2	116



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-68998/2-A

Matrix: Solid | Lab File ID: p10192.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.00(g) | Date Analyzed: 04/02/2011 06:05

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.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5090		330	41
95-57-8	2-Chlorophenol	5420		330	44
95-48-7	2-Methylphenol	5280		330	48
106-44-5	4-Methylphenol	4690		330	54
100-52-7	Benzaldehyde	5250		330	21
98-86-2	Acetophenone	2760		330	49
111-44-4	Bis(2-chloroethyl)ether	2840		33	6.9
108-60-1	2,2'-oxybis[1-chloropropane]	2880		330	43
621-64-7	N-Nitrosodi-n-propylamine	2990		33	4.4
98-95-3	Nitrobenzene	2920		33	7.4
67-72-1	Hexachloroethane	2870		33	5.6
78-59-1	Isophorone	2860		330	38
88-75-5	2-Nitrophenol	6170		330	54
105-67-9	2,4-Dimethylphenol	5500		330	53
120-83-2	2,4-Dichlorophenol	5570		330	53
111-91-1	Bis(2-chloroethoxy)methane	2980		330	47
91-20-3	Naphthalene	2920		330	48
106-47-8	4-Chloroaniline	1620		330	42
87-68-3	Hexachlorobutadiene	3100		67	13
105-60-2	Caprolactam	3180		330	45
59-50-7	4-Chloro-3-methylphenol	5380		330	56
91-57-6	2-Methylnaphthalene	2880		330	48
118-74-1	Hexachlorobenzene	3050		33	4.6
77-47-4	Hexachlorocyclopentadiene	3260		330	97
88-06-2	2,4,6-Trichlorophenol	5870		330	59
95-95-4	2,4,5-Trichlorophenol	5880		330	64
92-52-4	Diphenyl	3080		330	55
91-58-7	2-Chloronaphthalene	3060		330	47
88-74-4	2-Nitroaniline	3140		670	91
606-20-2	2,6-Dinitrotoluene	3040		67	8.4
131-11-3	Dimethyl phthalate	3020		330	45
208-96-8	Acenaphthylene	2900		330	47
99-09-2	3-Nitroaniline	2040		670	75
83-32-9	Acenaphthene	2950		330	47

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-68998/2-A

Matrix: Solid | Lab File ID: p10192.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.00(g) | Date Analyzed: 04/02/2011 06:05

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.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5120		1000	85
51-28-5	2,4-Dinitrophenol	5420		1000	70
132-64-9	Dibenzofuran	2920		330	50
84-66-2	Diethyl phthalate	2970		330	44
86-73-7	Fluorene	2970		330	56
206-44-0	Fluoranthene	3090		330	55
84-74-2	Di-n-butyl phthalate	3130		330	51
121-14-2	2,4-Dinitrotoluene	2950		67	9.7
7005-72-3	4-Chlorophenyl phenyl ether	2940		330	57
100-01-6	4-Nitroaniline	2830		670	68
534-52-1	4,6-Dinitro-2-methylphenol	5630		1000	160
101-55-3	4-Bromophenyl phenyl ether	3160		330	59
1912-24-9	Atrazine	2490		330	62
120-12-7	Anthracene	3000		330	58
86-74-8	Carbazole	3040		330	53
85-01-8	Phenanthrene	3010		330	58
87-86-5	Pentachlorophenol	5470		1000	160
129-00-0	Pyrene	2800		330	57
218-01-9	Chrysene	3060		330	48
207-08-9	Benzo[k]fluoranthene	2850		33	4.6
191-24-2	Benzo[g,h,i]perylene	3100		330	35
205-99-2	Benzo[b]fluoranthene	3110		33	4.9
50-32-8	Benzo[a]pyrene	2910		33	4.1
56-55-3	Benzo[a]anthracene	3140		33	6.1
86-30-6	N-Nitrosodiphenylamine	3100		330	54
85-68-7	Butyl benzyl phthalate	3100		330	39
117-81-7	Bis(2-ethylhexyl) phthalate	3050		330	44
117-84-0	Di-n-octyl phthalate	3110		330	39
193-39-5	Indeno[1,2,3-cd]pyrene	3120		33	5.3
53-70-3	Dibenz(a,h)anthracene	3210		33	4.0
91-94-1	3,3'-Dichlorobenzidine	2290		670	73
95-94-3	1,2,4,5-Tetrachlorobenzene	3140		330	45
58-90-2	2,3,4,6-Tetrachlorophenol	2930		330	66

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-68998/2-A

Matrix: Solid | Lab File ID: p10192.d

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.00(g) | Date Analyzed: 04/02/2011 06:05

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.: 69508 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	85		38-105
4165-62-2	Phenol-d5	78		41-118
1718-51-0	Terphenyl-d14	78		16-151
118-79-6	2,4,6-Tribromophenol	83		10-120
367-12-4	2-Fluorophenol	79		37-125
321-60-8	2-Fluorobiphenyl	86		40-109

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10192.d
Report Date: 02-Apr-2011 16:05

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10192.d
Lab Smp Id: LCS 460-68998/2-A
Inj Date : 02-APR-2011 06:05
Operator : BNAMS 4 Inst ID: BNAMS10.i
Smp Info : LCS 460-68998/2-A
Misc Info :
Comment :
Method : /chem/BNAMS10.i/8270/03-31-11/02apr11.b/8270C_08SP.m
Meth Date : 02-Apr-2011 06:27 asfawa Quant Type: ISTD
Cal Date : 31-MAR-2011 01:00 Cal File: p10127.d
Als bottle: 4 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)
19	N-Nitrosodimethylamine	74	1.561	1.532	(0.377)	258794	46.8413	3100(R)
71	Pyridine	79	1.585	1.555	(0.383)	368999	40.2644	2700
$ 16	2-Fluorophenol (SUR)	112	2.760	2.748	(0.667)	640873	78.8439	5200
110	Benzaldehyde	77	3.647	3.653	(0.881)	227679	78.6818	5200
73	Aniline	93	3.782	3.782	(0.913)	320489	26.0279	1700
$ 17	Phenol-d5 (SUR)	99	3.776	3.776	(0.912)	751311	77.6873	5200
1	Phenol	94	3.794	3.794	(0.916)	849552	76.4179	5100
20	bis(2-Chloroethyl)ether	93	3.865	3.864	(0.933)	366345	42.6562	2800
2	2-Chlorophenol	128	3.912	3.917	(0.945)	713202	81.3718	5400
113	n-decane	43	3.994	4.000	(0.965)	343364	41.0768	2700
21	1,3-Dichlorobenzene	146	4.076	4.082	(0.984)	427450	42.8401	2800(R)
* 79	1,4-Dichlorobenzene-d4	152	4.141	4.146	(1.000)	247999	40.0000	
22	1,4-Dichlorobenzene	146	4.158	4.164	(1.004)	430216	42.6862	2800

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10192.d
Report Date: 02-Apr-2011 16:05

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/Kg)
	23 1,2-Dichlorobenzene	146	4.329	4.329	(1.045)	405048	43.4255	2900
	74 Benzyl Alcohol	108	4.311	4.317	(1.041)	227669	46.2784	3100
	24 bis (2-chloroisopropyl) ether	45	4.470	4.470	(1.079)	422779	43.2414	2900
	3 2-Methylphenol	108	4.458	4.464	(1.077)	590749	79.1432	5300
	104 Acetophenone	105	4.599	4.605	(1.111)	444198	41.3310	2800
	25 N-Nitroso-di-n-propylamine	70	4.611	4.616	(1.114)	251833	44.8027	3000
	26 Hexachloroethane	117	4.693	4.699	(1.133)	162733	43.0471	2900
	4 4-Methylphenol	108	4.634	4.634	(1.119)	580561	70.3647	4700
	123 3 & 4 Methylphenol	108	4.634	4.634	(1.119)	580561	69.8988	4600
$	76 Nitrobenzene-d5 (SUR)	82	4.752	4.758	(0.861)	356886	42.6337	2800
	27 Nitrobenzene	77	4.775	4.781	(0.865)	485449	43.8296	2900
	107 N,N-Dimethylaniline	120	4.787	4.787	(1.156)	501802	40.4230	2700
	28 Isophorone	82	5.040	5.045	(0.913)	571520	42.8890	2800
	5 2-Nitrophenol	139	5.122	5.128	(0.928)	389719	92.5132	6200
	6 2,4-Dimethylphenol	122	5.204	5.204	(0.943)	548913	82.5254	5500
	29 bis(2-Chloroethoxy)methane	93	5.292	5.298	(0.958)	384828	44.7183	3000
	7 2,4-Dichlorophenol	162	5.386	5.392	(0.976)	505726	83.5593	5600
	30 1,2,4-Trichlorobenzene	180	5.469	5.474	(0.990)	316466	45.3889	3000
	15 Benzoic Acid	122	5.386	5.357	(0.976)	270297	67.7549	4500
*	80 Naphthalene-d8	136	5.521	5.521	(1.000)	837316	40.0000	
	31 Naphthalene	128	5.539	5.545	(1.003)	985166	43.7730	2900
	32 4-Chloroaniline	127	5.615	5.621	(1.017)	210263	24.2763	1600
	33 Hexachlorobutadiene	225	5.692	5.698	(1.031)	153422	46.4661	3100
	111 Caprolactam	113	5.997	5.991	(1.086)	91652	47.6462	3200
	8 4-Chloro-3-methylphenol	107	6.156	6.162	(1.115)	496859	80.6998	5400
	34 2-Methylnaphthalene	142	6.268	6.268	(1.135)	615783	43.2032	2900
	35 Hexachlorocyclopentadiene	237	6.444	6.444	(0.880)	118419	48.9536	3300
	129 1,2,4,5-Tetrachlorobenzene	216	6.444	6.450	(0.880)	236885	47.0877	3100
	9 2,4,6-Trichlorophenol	196	6.573	6.579	(0.898)	302822	88.0521	5900
	10 2,4,5-Trichlorophenol	196	6.608	6.614	(0.903)	317163	88.2503	5900
$	77 2-Fluorobiphenyl (SUR)	172	6.655	6.655	(0.909)	588430	43.0113	2900
	36 2-Chloronaphthalene	162	6.761	6.761	(0.924)	541181	45.8548	3000
	102 Diphenyl	154	6.749	6.755	(0.922)	716125	46.2443	3100
	103 Diphenyl Ether	170	6.861	6.861	(0.937)	374980	45.7228	3000
	37 2-Nitroaniline	65	6.879	6.879	(0.940)	167425	47.0263	3100
	38 Dimethylphthalate	163	7.073	7.078	(0.966)	566872	45.3481	3000
	40 2,6-Dinitrotoluene	165	7.125	7.131	(0.974)	135957	45.6150	3000
	39 Acenaphthylene	152	7.172	7.178	(0.980)	799072	43.5140	2900
*	82 Acenaphthene-d10	164	7.319	7.319	(1.000)	419630	40.0000	
	41 3-Nitroaniline	138	7.290	7.296	(0.996)	100855	30.6189	2000
	42 Acenaphthene	154	7.349	7.354	(1.004)	495650	44.3194	3000
	11 2,4-Dinitrophenol	184	7.402	7.407	(1.011)	132561	81.3386	5400
	43 Dibenzofuran	168	7.525	7.525	(1.028)	719926	43.7320	2900
	44 2,4-Dinitrotoluene	165	7.531	7.537	(1.029)	174391	44.2651	3000
	12 4-Nitrophenol	65	7.490	7.496	(1.023)	177546	76.8010	5100
	130 2,3,4,6-Tetrachlorophenol	232	7.660	7.666	(1.047)	107498	43.9364	2900
	45 Diethylphthalate	149	7.784	7.783	(1.063)	544800	44.4931	3000

Data File: /chem/BNAMS10.i/8270/03-31-11/02apr11.b/p10192.d
Report Date: 02-Apr-2011 16:05

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
	47 Fluorene	166	7.866	7.866	(1.075)	580924	44.4831	3000
	46 4-Chlorophenyl-phenylether	204	7.872	7.877	(1.075)	250841	44.0605	2900
	48 4-Nitroaniline	138	7.901	7.901	(1.079)	131406	42.4383	2800
	13 4,6-Dinitro-2-methylphenol	198	7.936	7.942	(0.904)	183605	84.4287	5600
	49 N-Nitrosodiphenylamine	169	7.995	8.001	(0.910)	382790	46.4643	3100
	75 1,2-Diphenylhydrazine	77	8.030	8.036	(0.914)	654015	45.8787	3000
$	18 2,4,6-Tribromophenol (SUR)	330	8.107	8.107	(1.108)	122382	83.4960	5600
	50 4-Bromophenyl-phenylether	248	8.353	8.359	(0.951)	130689	47.4110	3200
	51 Hexachlorobenzene	284	8.412	8.418	(0.958)	135753	45.7042	3000
	112 Atrazine	200	8.536	8.541	(0.972)	106904	37.3277	2500
	14 Pentachlorophenol	266	8.612	8.618	(0.981)	149374	81.9798	5500
*	83 Phenanthrene-d10	188	8.782	8.788	(1.000)	562497	40.0000	
	115 n-Octadecane	57	8.724	8.729	(0.993)	355404	49.9248	3300
	52 Phenanthrene	178	8.806	8.812	(1.003)	733401	45.2210	3000
	53 Anthracene	178	8.859	8.859	(1.009)	732687	44.9846	3000
	54 Carbazole	167	9.023	9.029	(1.027)	696085	45.6435	3000
	55 Di-n-butylphthalate	149	9.393	9.393	(1.070)	834331	47.0071	3100
	56 Fluoranthene	202	9.975	9.975	(1.136)	704341	46.4134	3100
	58 Benzidine	184	10.116	10.128	(1.152)	68993	19.2278	1300
	57 Pyrene	202	10.193	10.198	(0.891)	723097	42.0415	2800
$	78 Terphenyl-d14	244	10.363	10.369	(0.906)	430655	38.8652	2600
	59 Butylbenzylphthalate	149	10.862	10.868	(0.949)	386171	46.4806	3100
	61 Benzo(a)anthracene	228	11.432	11.438	(0.999)	617971	47.0428	3100
	60 3,3'-Dichlorobenzidine	252	11.421	11.426	(0.998)	162590	34.3818	2300
*	81 Chrysene-d12	240	11.444	11.450	(1.000)	503922	40.0000	
	62 Chrysene	228	11.473	11.479	(1.003)	609529	45.9555	3100
	63 bis(2-Ethylhexyl)phthalate	149	11.514	11.514	(1.006)	518548	45.8148	3000
	64 Di-n-octylphthalate	149	12.308	12.308	(0.930)	858364	46.6159	3100
	65 Benzo(b)fluoranthene	252	12.742	12.748	(0.963)	633000	46.6556	3100
	66 Benzo(k)fluoranthene	252	12.778	12.784	(0.966)	627953	42.7717	2800
	67 Benzo(a)pyrene	252	13.154	13.160	(0.994)	503851	43.6550	2900
*	84 Perylene-d12	264	13.230	13.236	(1.000)	461430	40.0000	
	68 Indeno(1,2,3-cd)pyrene	276	14.623	14.628	(1.105)	559460	46.8139	3100
	69 Dibenz(a,h)anthracene	278	14.652	14.658	(1.107)	555200	48.1032	3200
	70 Benzo(g,h,i)perylene	276	14.969	14.975	(1.131)	566817	46.4875	3100

QC Flag Legend

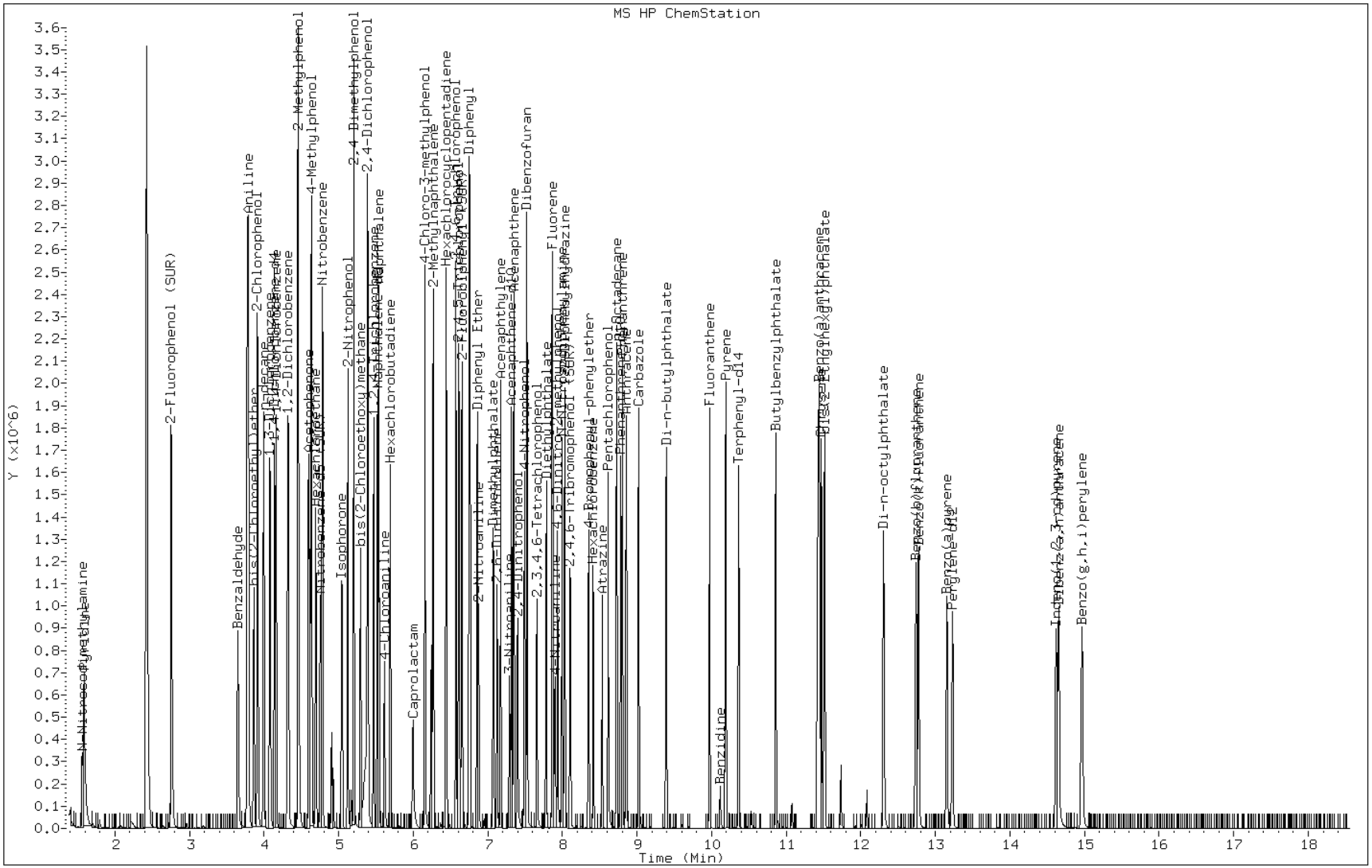
R - Spike/Surrogate failed recovery limits.

Data File: p10192.d

Date: 02-APR-2011 06:05

Client ID: Instrument: BNAMS10.i

Sample Info: LCS 460-68998/2-A Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-VD-E (3.5-4) MS | Lab Sample ID: 460-24280-4 MS

Matrix: Solid | Lab File ID: p10197.d

Analysis Method: 8270C | Date Collected: 03/17/2011 09:20

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.02(g) | Date Analyzed: 04/02/2011 08:21

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.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5280		350	43
95-57-8	2-Chlorophenol	5640		350	47
95-48-7	2-Methylphenol	5510		350	51
106-44-5	4-Methylphenol	4980		350	58
100-52-7	Benzaldehyde	5500		350	22
98-86-2	Acetophenone	2860		350	52
111-44-4	Bis(2-chloroethyl)ether	3060		35	7.3
108-60-1	2,2'-oxybis[1-chloropropane]	2910		350	46
621-64-7	N-Nitrosodi-n-propylamine	3100		35	4.6
98-95-3	Nitrobenzene	3060		35	7.9
67-72-1	Hexachloroethane	2980		35	5.9
78-59-1	Isophorone	3070		350	40
88-75-5	2-Nitrophenol	6460		350	58
105-67-9	2,4-Dimethylphenol	5840		350	56
120-83-2	2,4-Dichlorophenol	5910		350	56
111-91-1	Bis(2-chloroethoxy)methane	3160		350	50
91-20-3	Naphthalene	3030		350	51
106-47-8	4-Chloroaniline	2330		350	44
87-68-3	Hexachlorobutadiene	3220		71	14
105-60-2	Caprolactam	3220		350	48
59-50-7	4-Chloro-3-methylphenol	5770		350	59
91-57-6	2-Methylnaphthalene	3060		350	51
118-74-1	Hexachlorobenzene	3330		35	4.9
77-47-4	Hexachlorocyclopentadiene	3310		350	100
88-06-2	2,4,6-Trichlorophenol	6090		350	63
95-95-4	2,4,5-Trichlorophenol	6100		350	68
92-52-4	Diphenyl	3180		350	58
91-58-7	2-Chloronaphthalene	3130		350	50
88-74-4	2-Nitroaniline	3020		710	96
606-20-2	2,6-Dinitrotoluene	3140		71	8.9
131-11-3	Dimethyl phthalate	3090		350	47
208-96-8	Acenaphthylene	3050		350	50
99-09-2	3-Nitroaniline	2320		710	79
83-32-9	Acenaphthene	3110		350	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-VD-E (3.5-4) MS | Lab Sample ID: 460-24280-4 MS

Matrix: Solid | Lab File ID: p10197.d

Analysis Method: 8270C | Date Collected: 03/17/2011 09:20

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.02(g) | Date Analyzed: 04/02/2011 08:21

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.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	3770		1100	90
51-28-5	2,4-Dinitrophenol	5520		1100	75
132-64-9	Dibenzofuran	2980		350	53
84-66-2	Diethyl phthalate	2980		350	47
86-73-7	Fluorene	3000		350	59
206-44-0	Fluoranthene	3250		350	58
84-74-2	Di-n-butyl phthalate	3350		350	54
121-14-2	2,4-Dinitrotoluene	2890		71	10
7005-72-3	4-Chlorophenyl phenyl ether	3020		350	60
100-01-6	4-Nitroaniline	2720		710	72
534-52-1	4,6-Dinitro-2-methylphenol	6060		1100	170
101-55-3	4-Bromophenyl phenyl ether	3480		350	63
1912-24-9	Atrazine	2680		350	65
120-12-7	Anthracene	3180		350	62
86-74-8	Carbazole	3230		350	56
85-01-8	Phenanthrene	3180		350	61
87-86-5	Pentachlorophenol	5660		1100	170
129-00-0	Pyrene	2900		350	61
218-01-9	Chrysene	3240		350	51
207-08-9	Benzo[k]fluoranthene	3150		35	4.9
191-24-2	Benzo[g,h,i]perylene	3180		350	37
205-99-2	Benzo[b]fluoranthene	3010		35	5.2
50-32-8	Benzo[a]pyrene	3120		35	4.3
56-55-3	Benzo[a]anthracene	3280		35	6.5
86-30-6	N-Nitrosodiphenylamine	3390		350	57
85-68-7	Butyl benzyl phthalate	3270		350	41
117-81-7	Bis(2-ethylhexyl) phthalate	3270		350	47
117-84-0	Di-n-octyl phthalate	3220		350	42
193-39-5	Indeno[1,2,3-cd]pyrene	3200		35	5.6
53-70-3	Dibenz(a,h)anthracene	3310		35	4.2
91-94-1	3,3'-Dichlorobenzidine	2660		710	78
95-94-3	1,2,4,5-Tetrachlorobenzene	3210		350	47
58-90-2	2,3,4,6-Tetrachlorophenol	3030		350	70

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-VD-E (3.5-4) MS Lab Sample ID: 460-24280-4 MS

Matrix: Solid Lab File ID: p10197.d

Analysis Method: 8270C Date Collected: 03/17/2011 09:20

Extract. Method: 3541 Date Extracted: 03/30/2011 20:24

Sample wt/vol: 15.02(g) Date Analyzed: 04/02/2011 08:21

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.: 69508 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	85		38-105
4165-62-2	Phenol-d5	78		41-118
1718-51-0	Terphenyl-d14	80		16-151
118-79-6	2,4,6-Tribromophenol	80		10-120
367-12-4	2-Fluorophenol	79		37-125
321-60-8	2-Fluorobiphenyl	86		40-109

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-VD-E (3.5-4) MSD | Lab Sample ID: 460-24280-4 MSD

Matrix: Solid | Lab File ID: p10198.d

Analysis Method: 8270C | Date Collected: 03/17/2011 09:20

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 14.95(g) | Date Analyzed: 04/02/2011 08:48

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.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-95-2	Phenol	5340		350	43
95-57-8	2-Chlorophenol	5720		350	47
95-48-7	2-Methylphenol	5670		350	51
106-44-5	4-Methylphenol	5060		350	58
100-52-7	Benzaldehyde	5570		350	22
98-86-2	Acetophenone	2930		350	52
111-44-4	Bis(2-chloroethyl)ether	3010		35	7.3
108-60-1	2,2'-oxybis[1-chloropropane]	2980		350	46
621-64-7	N-Nitrosodi-n-propylamine	3180		35	4.7
98-95-3	Nitrobenzene	3040		35	7.9
67-72-1	Hexachloroethane	2970		35	6.0
78-59-1	Isophorone	3120		350	41
88-75-5	2-Nitrophenol	6490		350	58
105-67-9	2,4-Dimethylphenol	6010		350	57
120-83-2	2,4-Dichlorophenol	6010		350	57
111-91-1	Bis(2-chloroethoxy)methane	3170		350	50
91-20-3	Naphthalene	3040		350	52
106-47-8	4-Chloroaniline	2430		350	44
87-68-3	Hexachlorobutadiene	3190		71	14
105-60-2	Caprolactam	3480		350	48
59-50-7	4-Chloro-3-methylphenol	5990		350	59
91-57-6	2-Methylnaphthalene	3050		350	52
118-74-1	Hexachlorobenzene	3450		35	4.9
77-47-4	Hexachlorocyclopentadiene	3370		350	100
88-06-2	2,4,6-Trichlorophenol	6180		350	63
95-95-4	2,4,5-Trichlorophenol	6260		350	68
92-52-4	Diphenyl	3260		350	58
91-58-7	2-Chloronaphthalene	3190		350	50
88-74-4	2-Nitroaniline	3380		710	97
606-20-2	2,6-Dinitrotoluene	3360		71	9.0
131-11-3	Dimethyl phthalate	3290		350	48
208-96-8	Acenaphthylene	3150		350	50
99-09-2	3-Nitroaniline	2570		710	80
83-32-9	Acenaphthene	3220		350	50

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-VD-E (3.5-4) MSD | Lab Sample ID: 460-24280-4 MSD

Matrix: Solid | Lab File ID: p10198.d

Analysis Method: 8270C | Date Collected: 03/17/2011 09:20

Extract. Method: 3541 | Date Extracted: 03/30/2011 20:24

Sample wt/vol: 14.95(g) | Date Analyzed: 04/02/2011 08:48

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.: 69508 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	3410		1100	91
51-28-5	2,4-Dinitrophenol	5860		1100	75
132-64-9	Dibenzofuran	3150		350	53
84-66-2	Diethyl phthalate	3170		350	47
86-73-7	Fluorene	3200		350	60
206-44-0	Fluoranthene	3180		350	59
84-74-2	Di-n-butyl phthalate	3360		350	54
121-14-2	2,4-Dinitrotoluene	3130		71	10
7005-72-3	4-Chlorophenyl phenyl ether	3240		350	61
100-01-6	4-Nitroaniline	2950		710	73
534-52-1	4,6-Dinitro-2-methylphenol	6180		1100	170
101-55-3	4-Bromophenyl phenyl ether	3560		350	63
1912-24-9	Atrazine	2660		350	66
120-12-7	Anthracene	3270		350	62
86-74-8	Carbazole	3180		350	56
85-01-8	Phenanthrene	3250		350	62
87-86-5	Pentachlorophenol	5470		1100	170
129-00-0	Pyrene	3110		350	61
218-01-9	Chrysene	3270		350	51
207-08-9	Benzo[k]fluoranthene	3310		35	4.9
191-24-2	Benzo[g,h,i]perylene	3250		350	37
205-99-2	Benzo[b]fluoranthene	3130		35	5.2
50-32-8	Benzo[a]pyrene	3120		35	4.3
56-55-3	Benzo[a]anthracene	3350		35	6.5
86-30-6	N-Nitrosodiphenylamine	3480		350	57
85-68-7	Butyl benzyl phthalate	3370		350	41
117-81-7	Bis(2-ethylhexyl) phthalate	3350		350	47
117-84-0	Di-n-octyl phthalate	3400		350	42
193-39-5	Indeno[1,2,3-cd]pyrene	3240		35	5.6
53-70-3	Dibenz(a,h)anthracene	3320		35	4.2
91-94-1	3,3'-Dichlorobenzidine	2570		710	78
95-94-3	1,2,4,5-Tetrachlorobenzene	3270		350	47
58-90-2	2,3,4,6-Tetrachlorophenol	3200		350	71

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-VD-E (3.5-4) MSD Lab Sample ID: 460-24280-4 MSD

Matrix: Solid Lab File ID: p10198.d

Analysis Method: 8270C Date Collected: 03/17/2011 09:20

Extract. Method: 3541 Date Extracted: 03/30/2011 20:24

Sample wt/vol: 14.95(g) Date Analyzed: 04/02/2011 08:48

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.: 69508 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	83		38-105
4165-62-2	Phenol-d5	75		41-118
1718-51-0	Terphenyl-d14	80		16-151
118-79-6	2,4,6-Tribromophenol	79		10-120
367-12-4	2-Fluorophenol	77		37-125
321-60-8	2-Fluorobiphenyl	83		40-109

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: BNAMS10 Start Date: 03/31/2011 00:40

Analysis Batch Number: 69223 End Date: 03/31/2011 03:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-69223/1		03/31/2011 00:40	1	p10126.d	Rtx-5MS 0.25(mm)
ICIS 460-69223/2		03/31/2011 01:00	1	p10127.d	Rtx-5MS 0.25(mm)
IC 460-69223/3		03/31/2011 02:09	1	p10128.d	Rtx-5MS 0.25(mm)
IC 460-69223/4		03/31/2011 02:35	1	p10129.d	Rtx-5MS 0.25(mm)
IC 460-69223/5		03/31/2011 03:02	1	p10130.d	Rtx-5MS 0.25(mm)
IC 460-69223/6		03/31/2011 03:29	1	p10131.d	Rtx-5MS 0.25(mm)
IC 460-69223/7		03/31/2011 03:56	1	p10132.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: BNAMS10 Start Date: 04/02/2011 04:21

Analysis Batch Number: 69508 End Date: 04/02/2011 16:02

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-69508/1		04/02/2011 04:21	1	p10189.d	Rtx-5MS 0.25(mm)
CCVIS 460-69508/2		04/02/2011 05:00	1	p10190.d	Rtx-5MS 0.25(mm)
MB 460-68998/1-A		04/02/2011 05:39	1	p10191.d	Rtx-5MS 0.25(mm)
LCS 460-68998/2-A		04/02/2011 06:05	1	p10192.d	Rtx-5MS 0.25(mm)
460-24280-1	PMP-25-VS-E (1-3)	04/02/2011 06:32	1	p10193.d	Rtx-5MS 0.25(mm)
460-24280-2	PMP-25-VD-E (3-5)	04/02/2011 06:59	1	p10194.d	Rtx-5MS 0.25(mm)
460-24280-3	PMP-25-WT-E (7.5-9.5)	04/02/2011 07:27	1	p10195.d	Rtx-5MS 0.25(mm)
460-24280-4	PMP-21-VD-E (3.5-4)	04/02/2011 07:54	1	p10196.d	Rtx-5MS 0.25(mm)
460-24280-4 MS	PMP-21-VD-E (3.5-4) MS	04/02/2011 08:21	1	p10197.d	Rtx-5MS 0.25(mm)
460-24280-4 MSD	PMP-21-VD-E (3.5-4) MSD	04/02/2011 08:48	1	p10198.d	Rtx-5MS 0.25(mm)
460-24280-5	PMP-21-WT-E (8-8.5)	04/02/2011 09:15	1	p10199.d	Rtx-5MS 0.25(mm)
460-24280-6	PMP-21-SI-E (10.5-11)	04/02/2011 09:42	1	p10200.d	Rtx-5MS 0.25(mm)
460-24280-7	PMP-1-VD-E (3.5-4.0)	04/02/2011 10:09	1	p10201.d	Rtx-5MS 0.25(mm)
460-24280-8	PMP-1-WT-E (8-8.5)	04/02/2011 10:36	1	p10202.d	Rtx-5MS 0.25(mm)
460-24280-9	PMP-1-SI-E (10.5-11.0)	04/02/2011 11:03	1	p10203.d	Rtx-5MS 0.25(mm)
460-24280-14	PMP-2-VD-E (3.5-4.0)	04/02/2011 11:57	1	p10205.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 12:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 13:46	1		Rtx-5MS 0.25(mm)
460-24280-10	PMP-24-VS-E (1-3)	04/02/2011 14:40	2	p10211.d	Rtx-5MS 0.25(mm)
460-24280-11	PMP-24-VD-E (4.5-6.5)	04/02/2011 15:07	5	p10212.d	Rtx-5MS 0.25(mm)
460-24280-12	PMP-24-WT-E (6.5-8.5)	04/02/2011 15:34	5	p10213.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 16:02	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: BNAMS4 Start Date: 04/02/2011 11:05

Analysis Batch Number: 69345 End Date: 04/02/2011 13:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-69345/1		04/02/2011 11:05	1	u66406.d	Rtx-5MS 0.25(mm)
ICIS 460-69345/2		04/02/2011 11:25	1	u66407.d	Rtx-5MS 0.25(mm)
IC 460-69345/3		04/02/2011 11:46	1	u66408.d	Rtx-5MS 0.25(mm)
IC 460-69345/4		04/02/2011 12:07	1	u66409.d	Rtx-5MS 0.25(mm)
IC 460-69345/5		04/02/2011 12:29	1	u66410.d	Rtx-5MS 0.25(mm)
IC 460-69345/6		04/02/2011 12:50	1	u66411.d	Rtx-5MS 0.25(mm)
IC 460-69345/7		04/02/2011 13:11	1	u66412.d	Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: BNAMS4 Start Date: 04/02/2011 16:14

Analysis Batch Number: 69439 End Date: 04/03/2011 01:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-69439/1		04/02/2011 16:14	1	u66414.d	Rtx-5MS 0.25(mm)
CCVIS 460-69439/2		04/02/2011 16:36	1	u66415.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 17:28	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 17:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 18:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 18:34	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 18:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 19:16	1		Rtx-5MS 0.25(mm)
460-24280-17	PMP-5-VD-E (3.5-4)	04/02/2011 20:41	1	u66426.d	Rtx-5MS 0.25(mm)
460-24280-13	PMP-24-SI-E (10.5-12.5)	04/02/2011 21:45	2	u66429.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 22:27	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 22:48	50		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 23:09	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 23:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 00:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 00:34	2		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 00:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 01:16	2		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: BNAMS4 Start Date: 04/03/2011 19:02

Analysis Batch Number: 69541 End Date: 04/04/2011 06:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-69541/1		04/03/2011 19:02	1	u66440.d	Rtx-5MS 0.25(mm)
CCVIS 460-69541/2		04/03/2011 19:45	1	u66441.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 20:11	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 21:14	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 21:35	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 21:56	10		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 22:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 22:39	5		Rtx-5MS 0.25(mm)
460-24280-16	PMP-2-SI-E (10.5-11.0)	04/03/2011 23:00	2	u66450.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/04/2011 00:24	100		Rtx-5MS 0.25(mm)
ZZZZZ		04/04/2011 01:27	2		Rtx-5MS 0.25(mm)
ZZZZZ		04/04/2011 01:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/04/2011 03:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/04/2011 03:34	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/04/2011 03:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/04/2011 04:16	2		Rtx-5MS 0.25(mm)
ZZZZZ		04/04/2011 04:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/04/2011 04:58	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/04/2011 05:19	10		Rtx-5MS 0.25(mm)
ZZZZZ		04/04/2011 06:23	5		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: BNAMS4 Start Date: 04/06/2011 10:37

Analysis Batch Number: 69678 End Date: 04/06/2011 18:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-69678/1		04/06/2011 10:37	1	u66504.d	Rtx-5MS 0.25(mm)
CCVIS 460-69678/2		04/06/2011 12:13	1	u66506.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 13:44	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 14:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 14:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 14:47	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 15:08	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 15:29	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 15:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 16:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 16:33	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 16:54	1		Rtx-5MS 0.25(mm)
460-24280-15 DL	PMP-2WT-E (8.0-8.5) DL	04/06/2011 17:15	10	u66518.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 17:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 17:58	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 18:19	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 18:40	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: BNAMS4 Start Date: 04/05/2011 10:05

Analysis Batch Number: 69824 End Date: 04/05/2011 18:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-69824/1		04/05/2011 10:05	1	u66476.d	Rtx-5MS 0.25(mm)
CCVIS 460-69824/2		04/05/2011 10:23	1	u66477.d	Rtx-5MS 0.25(mm)
460-24280-18	PMP-5-WT-E (8-8.5)	04/05/2011 13:21	5	u66484.d	Rtx-5MS 0.25(mm)
460-24280-19	PMP-5SI-E (10.5-11)	04/05/2011 13:43	5	u66485.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 14:25	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 14:46	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 15:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 16:11	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 16:32	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 16:53	10		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 17:14	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 17:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 17:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 18:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 18:39	1		Rtx-5MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Batch Number: 68998 Batch Start Date: 03/30/11 20:24 Batch Analyst: Huertas, Jaime

Batch Method: 3541 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_Acid_SU 00013	OP_BN_SU 00016	OP8270SP 00018	
MB 460-68998/1		3541, 8270C		15.00 g	1 mL	500 uL	500 uL		
LCS 460-68998/2		3541, 8270C		15.00 g	1 mL	500 uL	500 uL	500 uL	
460-24280-F-4 MS	PMP-21-VD-E (3.5-4)	3541, 8270C	T	15.02 g	1 mL	500 uL	500 uL	500 uL	
460-24280-F-4 MSD	PMP-21-VD-E (3.5-4)	3541, 8270C	T	14.95 g	1 mL	500 uL	500 uL	500 uL	
460-24280-F-1	PMP-25-VS-E (1-3)	3541, 8270C	T	15.03 g	1 mL	500 uL	500 uL		
460-24280-F-2	PMP-25-VD-E (3-5)	3541, 8270C	T	14.96 g	1 mL	500 uL	500 uL		
460-24280-F-3	PMP-25-WT-E (7.5-9.5)	3541, 8270C	T	14.97 g	1 mL	500 uL	500 uL		
460-24280-F-4	PMP-21-VD-E (3.5-4)	3541, 8270C	T	14.95 g	1 mL	500 uL	500 uL		
460-24280-F-5	PMP-21-WT-E (8-8.5)	3541, 8270C	T	14.95 g	1 mL	500 uL	500 uL		
460-24280-F-6	PMP-21-SI-E (10.5-11)	3541, 8270C	T	14.99 g	1 mL	500 uL	500 uL		
460-24280-F-7	PMP-1-VD-E (3.5-4.0)	3541, 8270C	T	15.04 g	1 mL	500 uL	500 uL		
460-24280-F-8	PMP-1-WT-E (8-8.5)	3541, 8270C	T	15.01 g	1 mL	500 uL	500 uL		
460-24280-F-9	PMP-1-SI-E (10.5-11.0)	3541, 8270C	T	14.96 g	1 mL	500 uL	500 uL		
460-24280-F-10	PMP-24-VS-E (1-3)	3541, 8270C	T	14.98 g	1 mL	500 uL	500 uL		
460-24280-F-11	PMP-24-VD-E (4.5-6.5)	3541, 8270C	T	15.03 g	1 mL	500 uL	500 uL		
460-24280-F-12	PMP-24-WT-E (6.5-8.5)	3541, 8270C	T	15.04 g	1 mL	500 uL	500 uL		
460-24280-F-13	PMP-24-SI-E (10.5-12.5)	3541, 8270C	T	15.04 g	1 mL	500 uL	500 uL		
460-24280-F-14	PMP-2-VD-E (3.5-4.0)	3541, 8270C	T	15.00 g	1 mL	500 uL	500 uL		
460-24280-F-15	PMP-2WT-E (8.0-8.5)	3541, 8270C	T	15.00 g	1 mL	500 uL	500 uL		
460-24280-F-16	PMP-2-SI-E (10.5-11.0)	3541, 8270C	T	15.00 g	1 mL	500 uL	500 uL		
460-24280-F-17	PMP-5-VD-E (3.5-4)	3541, 8270C	T	15.00 g	1 mL	500 uL	500 uL		
460-24280-F-18	PMP-5-WT-E (8-8.5)	3541, 8270C	T	15.00 g	1 mL	500 uL	500 uL		
460-24280-F-19	PMP-5SI-E (10.5-11)	3541, 8270C	T	15.00 g	1 mL	500 uL	500 uL		

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Batch Number: 68998 Batch Start Date: 03/30/11 20:24 Batch Analyst: Huertas, Jaime

Batch Method: 3541 Batch End Date:

Batch Notes	
Balance ID	60
Person's name who did the concentration	JH
First End time	21:30
Na2SO4 Lot Number	J21585
Person's name who did the prep	JH
Solvent	ACE/MECL2
First Start time	19:00

Basis	Basis Description
T	Total/NA

Method 8082

Polychlorinated Biphenyls (PCBs) by Gas Chromatography by Method 8082

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-2 ID: 0.53 (mm) GC Column (2): CLP-1 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCB1 #	DCB2 #
PMP-25-VS-E (1-3)	460-24280-1	125	116
PMP-25-VD-E (3-5)	460-24280-2	133	124
PMP-25-WT-E (7.5-9.5)	460-24280-3	132	122
PMP-21-VD-E (3.5-4)	460-24280-4	135	126
PMP-21-WT-E (8-8.5)	460-24280-5	138	128
PMP-21-SI-E (10.5-11)	460-24280-6	127	119
PMP-1-VD-E (3.5-4.0)	460-24280-7	139	130
PMP-1-WT-E (8-8.5)	460-24280-8	122	113
PMP-1-SI-E (10.5-11.0)	460-24280-9	132	124
PMP-24-VS-E (1-3)	460-24280-10	0 D X	0 D X
PMP-24-VD-E (4.5-6.5)	460-24280-11	0 D X	0 D X
PMP-24-WT-E (6.5-8.5)	460-24280-12	0 D X	0 D X
PMP-24-SI-E (10.5-12.5)	460-24280-13	0 D X	0 D X
PMP-2-VD-E (3.5-4.0)	460-24280-14	0 D X	0 D X
PMP-2WT-E (8.0-8.5)	460-24280-15	0 D X	0 D X
PMP-2-SI-E (10.5-11.0)	460-24280-16	0 D X	0 D X
PMP-5-VD-E (3.5-4)	460-24280-17	132	126
PMP-5-WT-E (8-8.5)	460-24280-18	0 X D	0 X D
PMP-5SI-E (10.5-11)	460-24280-19	0 X D	0 X D
	MB 460-68887/1-A	127	118
	LCS 460-68887/2-A	142	133
PMP-25-VS-E (1-3) MS	460-24280-1 MS	148	136
PMP-25-VS-E (1-3) MSD	460-24280-1 MSD	125	115

	QC LIMITS
DCB = DCB Decachlorobiphenyl	30-150

Column to be used to flag recovery values

FORM II 8082

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: of171002.d

Lab ID: LCS 460-68887/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	429	129	60-144	
Aroclor 1260	333	416	125	63-143	

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.: 460-24280-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: or171002.d

Lab ID: LCS 460-68887/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	333	407	122	60-144	
Aroclor 1260	333	386	116	63-143	

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.: 460-24280-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: of171003.d

Lab ID: 460-24280-1 MS Client ID: PMP-25-VS-E (1-3) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	358	72 U	490	137	60-144	
Aroclor 1260	358	25 J	477	126	63-143	

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.: 460-24280-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: or171003.d

Lab ID: 460-24280-1 MS Client ID: PMP-25-VS-E (1-3) MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Aroclor 1016	358	72 U	438	123	60-144	
Aroclor 1260	358	19 J	447	120	63-143	

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.: 460-24280-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: of171004.d

Lab ID: 460-24280-1 MSD Client ID: PMP-25-VS-E (1-3) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	357	404	113	19	30	60-144	
Aroclor 1260	357	397	104	18	30	63-143	

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.: 460-24280-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: or171004.d

Lab ID: 460-24280-1 MSD Client ID: PMP-25-VS-E (1-3) MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	357	386	108	13	30	60-144	
Aroclor 1260	357	374	99	18	30	63-143	

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.: 460-24280-1

SDG No.:

Lab Sample ID: MB 460-68887/1-A

Matrix: Solid Date Extracted: 03/30/2011 04:02

Lab File ID:(1) of171001.d Lab File ID:(2) or171001.d

Date Analyzed:(1) 03/31/2011 01:45 Date Analyzed:(2) 03/31/2011 01:45

Instrument ID:(1) PESTGC7 Instrument ID:(2) PESTGC7

GC Column:(1) CLP-2 ID: 0.53(mm) GC Column:(2) CLP-1 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 460-68887/2-A	03/31/2011 02:01	03/31/2011 02:01
PMP-25-VS-E (1-3) MS	460-24280-1 MS	03/31/2011 02:25	03/31/2011 02:25
PMP-25-VS-E (1-3) MSD	460-24280-1 MSD	03/31/2011 02:41	03/31/2011 02:41
PMP-25-VS-E (1-3)	460-24280-1	03/31/2011 02:57	03/31/2011 02:57
PMP-25-VD-E (3-5)	460-24280-2	03/31/2011 03:13	03/31/2011 03:13
PMP-25-WT-E (7.5-9.5)	460-24280-3	03/31/2011 03:30	03/31/2011 03:30
PMP-21-VD-E (3.5-4)	460-24280-4	03/31/2011 03:54	03/31/2011 03:54
PMP-21-WT-E (8-8.5)	460-24280-5	03/31/2011 04:11	03/31/2011 04:11
PMP-21-SI-E (10.5-11)	460-24280-6	03/31/2011 04:27	03/31/2011 04:27
PMP-1-VD-E (3.5-4.0)	460-24280-7	03/31/2011 04:43	03/31/2011 04:43
PMP-1-WT-E (8-8.5)	460-24280-8	03/31/2011 04:59	03/31/2011 04:59
PMP-1-SI-E (10.5-11.0)	460-24280-9	03/31/2011 05:15	03/31/2011 05:15
PMP-5-VD-E (3.5-4)	460-24280-17	03/31/2011 08:31	03/31/2011 08:31
PMP-2-VD-E (3.5-4.0)	460-24280-14	03/31/2011 13:22	03/31/2011 13:22
PMP-2-SI-E (10.5-11.0)	460-24280-16	03/31/2011 13:55	03/31/2011 13:55
PMP-2WT-E (8.0-8.5)	460-24280-15	03/31/2011 15:28	03/31/2011 15:28
PMP-24-SI-E (10.5-12.5)	460-24280-13	03/31/2011 15:45	03/31/2011 15:45
PMP-24-VS-E (1-3)	460-24280-10	03/31/2011 16:01	03/31/2011 16:01
PMP-24-VD-E (4.5-6.5)	460-24280-11	03/31/2011 16:18	03/31/2011 16:18
PMP-24-WT-E (6.5-8.5)	460-24280-12	03/31/2011 16:34	03/31/2011 16:34
PMP-5-WT-E (8-8.5)	460-24280-18	04/01/2011 03:37	04/01/2011 03:37
PMP-5SI-E (10.5-11)	460-24280-19	04/01/2011 03:54	04/01/2011 03:54

FORM VIII
PCBS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Sample No.: CCVRT 460-69079/2 Date Analyzed: 03/31/2011 01:28

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): of171000.d Heated Purge: (Y/N) N

Calibration ID: 10143

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.70		
UPPER LIMIT				10.80		
LOWER LIMIT				10.60		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-69079/2		03/31/2011 01:28	of171000.d	10.70		
MB 460-68887/1-A		03/31/2011 01:45	of171001.d	10.70		
LCS 460-68887/2-A		03/31/2011 02:01	of171002.d	10.70		
460-24280-1 MS	PMP-25-VS-E (1-3) MS	03/31/2011 02:25	of171003.d	10.71		
460-24280-1 MSD	PMP-25-VS-E (1-3) MSD	03/31/2011 02:41	of171004.d	10.70		
460-24280-1	PMP-25-VS-E (1-3)	03/31/2011 02:57	of171005.d	10.70		
460-24280-2	PMP-25-VD-E (3-5)	03/31/2011 03:13	of171006.d	10.70		
460-24280-3	PMP-25-WT-E (7.5-9.5)	03/31/2011 03:30	of171007.d	10.70		
460-24280-4	PMP-21-VD-E (3.5-4)	03/31/2011 03:54	of171008.d	10.71		
460-24280-5	PMP-21-WT-E (8-8.5)	03/31/2011 04:11	of171009.d	10.70		
460-24280-6	PMP-21-SI-E (10.5-11)	03/31/2011 04:27	of171010.d	10.70		
460-24280-7	PMP-1-VD-E (3.5-4.0)	03/31/2011 04:43	of171011.d	10.70		
460-24280-8	PMP-1-WT-E (8-8.5)	03/31/2011 04:59	of171012.d	10.70		
460-24280-9	PMP-1-SI-E (10.5-11.0)	03/31/2011 05:15	of171013.d	10.70		
CCV 460-69079/24		03/31/2011 07:42	of171022.d	10.70		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.10 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.: 460-24280-1

SDG No.:

Sample No.: CCVRT 460-69079/2 Date Analyzed: 03/31/2011 01:28

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): or171000.d Heated Purge: (Y/N) N

Calibration ID: 10144

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				9.61		
UPPER LIMIT				9.71		
LOWER LIMIT				9.51		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-69079/2		03/31/2011 01:28	or171000.d	9.61		
MB 460-68887/1-A		03/31/2011 01:45	or171001.d	9.61		
LCS 460-68887/2-A		03/31/2011 02:01	or171002.d	9.61		
460-24280-1 MS	PMP-25-VS-E (1-3) MS	03/31/2011 02:25	or171003.d	9.62		
460-24280-1 MSD	PMP-25-VS-E (1-3) MSD	03/31/2011 02:41	or171004.d	9.61		
460-24280-1	PMP-25-VS-E (1-3)	03/31/2011 02:57	or171005.d	9.61		
460-24280-2	PMP-25-VD-E (3-5)	03/31/2011 03:13	or171006.d	9.61		
460-24280-3	PMP-25-WT-E (7.5-9.5)	03/31/2011 03:30	or171007.d	9.61		
460-24280-4	PMP-21-VD-E (3.5-4)	03/31/2011 03:54	or171008.d	9.62		
460-24280-5	PMP-21-WT-E (8-8.5)	03/31/2011 04:11	or171009.d	9.61		
460-24280-6	PMP-21-SI-E (10.5-11)	03/31/2011 04:27	or171010.d	9.61		
460-24280-7	PMP-1-VD-E (3.5-4.0)	03/31/2011 04:43	or171011.d	9.61		
460-24280-8	PMP-1-WT-E (8-8.5)	03/31/2011 04:59	or171012.d	9.61		
460-24280-9	PMP-1-SI-E (10.5-11.0)	03/31/2011 05:15	or171013.d	9.61		
CCV 460-69079/24		03/31/2011 07:42	or171022.d	9.61		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.10 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.: 460-24280-1

SDG No.:

Sample No.: CCVRT 460-69083/2 Date Analyzed: 03/31/2011 08:14

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): of171024.d Heated Purge: (Y/N) N

Calibration ID: 10143

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.70		
UPPER LIMIT				10.80		
LOWER LIMIT				10.60		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-69083/2		03/31/2011 08:14	of171024.d	10.70		
460-24280-17	PMP-5-VD-E (3.5-4)	03/31/2011 08:31	of171025.d	10.70		
CCV 460-69083/8		03/31/2011 09:53	of171030.d	10.70		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.10 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.: 460-24280-1

SDG No.:

Sample No.: CCVRT 460-69083/2 Date Analyzed: 03/31/2011 08:14

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): or171024.d Heated Purge: (Y/N) N

Calibration ID: 10144

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				9.61		
UPPER LIMIT				9.71		
LOWER LIMIT				9.51		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-69083/2		03/31/2011 08:14	or171024.d	9.61		
460-24280-17	PMP-5-VD-E (3.5-4)	03/31/2011 08:31	or171025.d	9.61		
CCV 460-69083/8		03/31/2011 09:53	or171030.d	9.61		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.10 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.: 460-24280-1

SDG No.:

Sample No.: CCVRT 460-69122/2 Date Analyzed: 03/31/2011 10:26

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): of171032.d Heated Purge: (Y/N) N

Calibration ID: 10143

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.70		
UPPER LIMIT				10.80		
LOWER LIMIT				10.60		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-69122/2		03/31/2011 10:26	of171032.d	10.70		
460-24280-14	PMP-2-VD-E (3.5-4.0)	03/31/2011 13:22	of171042.d	0.00		
460-24280-16	PMP-2-SI-E (10.5-11.0)	03/31/2011 13:55	of171044.d	0.00		
460-24280-15	PMP-2WT-E (8.0-8.5)	03/31/2011 15:28	of171047.d	0.00		
460-24280-13	PMP-24-SI-E (10.5-12.5)	03/31/2011 15:45	of171048.d	0.00		
460-24280-10	PMP-24-VS-E (1-3)	03/31/2011 16:01	of171049.d	0.00		
460-24280-11	PMP-24-VD-E (4.5-6.5)	03/31/2011 16:18	of171050.d	0.00		
460-24280-12	PMP-24-WT-E (6.5-8.5)	03/31/2011 16:34	of171051.d	0.00		
CCV 460-69122/23		03/31/2011 17:07	of171053.d	10.70		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.10 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.: 460-24280-1

SDG No.:

Sample No.: CCVRT 460-69122/2 Date Analyzed: 03/31/2011 10:26

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): or171032.d Heated Purge: (Y/N) N

Calibration ID: 10144

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				9.61		
UPPER LIMIT				9.71		
LOWER LIMIT				9.51		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-69122/2		03/31/2011 10:26	or171032.d	9.61		
460-24280-14	PMP-2-VD-E (3.5-4.0)	03/31/2011 13:22	or171042.d	0.00		
460-24280-16	PMP-2-SI-E (10.5-11.0)	03/31/2011 13:55	or171044.d	0.00		
460-24280-15	PMP-2WT-E (8.0-8.5)	03/31/2011 15:28	or171047.d	0.00		
460-24280-13	PMP-24-SI-E (10.5-12.5)	03/31/2011 15:45	or171048.d	0.00		
460-24280-10	PMP-24-VS-E (1-3)	03/31/2011 16:01	or171049.d	0.00		
460-24280-11	PMP-24-VD-E (4.5-6.5)	03/31/2011 16:18	or171050.d	0.00		
460-24280-12	PMP-24-WT-E (6.5-8.5)	03/31/2011 16:34	or171051.d	0.00		
CCV 460-69122/23		03/31/2011 17:07	or171053.d	9.61		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.10 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.: 460-24280-1

SDG No.:

Sample No.: CCVRT 460-69162/2 Date Analyzed: 03/31/2011 23:54

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): of171078.d Heated Purge: (Y/N) N

Calibration ID: 10143

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				10.70		
UPPER LIMIT				10.80		
LOWER LIMIT				10.60		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-69162/2		03/31/2011 23:54	of171078.d	10.70		
460-24280-18	PMP-5-WT-E (8-8.5)	04/01/2011 03:37	of171089.d	0.00		
460-24280-19	PMP-5SI-E (10.5-11)	04/01/2011 03:54	of171090.d	0.00		
CCV 460-69162/18		04/01/2011 05:00	of171094.d	10.70		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.10 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.: 460-24280-1

SDG No.:

Sample No.: CCVRT 460-69162/2 Date Analyzed: 03/31/2011 23:54

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): or171078.d Heated Purge: (Y/N) N

Calibration ID: 10144

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCB RT #		
CONTINUING CALIBRATION SURROGATE				9.61		
UPPER LIMIT				9.71		
LOWER LIMIT				9.51		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-69162/2		03/31/2011 23:54	or171078.d	9.61		
460-24280-18	PMP-5-WT-E (8-8.5)	04/01/2011 03:37	or171089.d	0.00		
460-24280-19	PMP-5SI-E (10.5-11)	04/01/2011 03:54	or171090.d	0.00		
CCV 460-69162/18		04/01/2011 05:00	or171094.d	9.61		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.10 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.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-VS-E (1-3) Lab Sample ID: 460-24280-1

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/31/2011 02:57 Date Analyzed (2): 03/31/2011 02:57

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	2	3.65	3.56	3.70	37.1	48	34.0
		3	3.93	3.85	3.99	31.2		
		4	4.19	4.11	4.25	38.5		
		5	4.36	4.28	4.42	60.7		
		6	4.61	4.53	4.67	60.2		
		7	5.10	5.03	5.17	45.9		
		8	5.43	5.36	5.50	61.5		
	2	2	2.87	2.78	2.92	31.4	34	
		3	3.06	2.98	3.12	25.1		
		4	3.33	3.25	3.39	35.6		
		5	3.48	3.40	3.54	33.1		
		6	3.70	3.62	3.76	47.7		
		7	3.93	3.85	3.99	34.7		
		8	4.67	4.60	4.74	51.3		
Aroclor 1260	1	1	6.66	6.58	6.72	15.3	25	25.5
		2	7.02	6.94	7.08	24.1		
		3	7.72	7.64	7.78	21.0		
		4	7.93	7.85	7.99	26.1		
		5	8.05	7.97	8.11	15.8		
		6	8.62	8.54	8.68	32.7		
		7	9.60	9.52	9.66	32.3		
		8	10.21	10.14	10.28	34.0		
	2	1	5.36	5.29	5.43	10.1	19	
		2	5.71	5.63	5.77	18.5		
		3	6.06	5.99	6.13	16.3		
		4	6.21	6.14	6.28	21.7		
		5	6.56	6.49	6.63	25.4		
		6	7.60	7.53	7.67	14.0		
		7	7.78	7.70	7.84	23.1		
		8	8.96	8.89	9.03	26.8		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-VS-E (1-3) MS Lab Sample ID: 460-24280-1 MS

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/31/2011 02:25 Date Analyzed (2): 03/31/2011 02:25

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	3.19	3.10	3.24	486	490	11.2
		2	3.66	3.57	3.71	481		
		3	3.95	3.86	4.00	515		
		4	4.20	4.11	4.25	477		
		5	4.37	4.28	4.42	495		
		6	4.67	4.58	4.72	486		
		7	4.96	4.87	5.01	479		
		8	5.12	5.03	5.17	502		
	2	1	2.53	2.46	2.60	417	438	
		2	2.87	2.79	2.93	444		
		3	3.07	2.99	3.13	448		
		4	3.34	3.26	3.40	439		
		5	3.48	3.41	3.55	452		
		6	3.54	3.47	3.61	483		
		7	3.93	3.85	3.99	466		
		8	4.06	3.98	4.12	359		
Aroclor 1260	1	1	6.67	6.58	6.72	472	477	6.5
		2	7.03	6.94	7.08	471		
		3	7.73	7.64	7.78	464		
		4	7.94	7.85	7.99	474		
		5	8.07	7.97	8.11	469		
		6	8.64	8.54	8.68	472		
		7	9.60	9.52	9.66	480		
		8	10.21	10.14	10.28	515		
	2	1	5.36	5.29	5.43	453	447	
		2	5.71	5.63	5.77	452		
		3	6.06	5.99	6.13	449		
		4	6.21	6.14	6.28	470		
		5	6.57	6.49	6.63	455		
		6	7.61	7.53	7.67	377		
		7	7.78	7.70	7.84	476		
		8	8.96	8.89	9.03	444		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-VS-E (1-3) MSD Lab Sample ID: 460-24280-1 MSD

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/31/2011 02:41 Date Analyzed (2): 03/31/2011 02:41

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	3.17	3.10	3.24	415	404	4.5
		2	3.64	3.57	3.71	401		
		3	3.93	3.86	4.00	391		
		4	4.19	4.11	4.25	392		
		5	4.36	4.28	4.42	410		
		6	4.66	4.58	4.72	399		
		7	4.94	4.87	5.01	407		
		8	5.10	5.03	5.17	418		
	2	1	2.53	2.46	2.60	356	386	
		2	2.86	2.79	2.93	383		
		3	3.06	2.99	3.13	388		
		4	3.33	3.26	3.40	392		
		5	3.48	3.41	3.55	379		
		6	3.54	3.47	3.61	399		
		7	3.93	3.85	3.99	395		
		8	4.05	3.98	4.12	399		
Aroclor 1260	1	1	6.66	6.58	6.72	397	397	5.9
		2	7.02	6.94	7.08	395		
		3	7.72	7.64	7.78	379		
		4	7.92	7.85	7.99	398		
		5	8.05	7.97	8.11	396		
		6	8.62	8.54	8.68	393		
		7	9.60	9.52	9.66	393		
		8	10.21	10.14	10.28	427		
	2	1	5.36	5.29	5.43	389	374	
		2	5.71	5.63	5.77	383		
		3	6.06	5.99	6.13	374		
		4	6.21	6.14	6.28	395		
		5	6.56	6.49	6.63	399		
		6	7.60	7.53	7.67	291		
		7	7.78	7.70	7.84	402		
		8	8.96	8.89	9.03	363		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-WT-E (7.5-9.5) Lab Sample ID: 460-24280-3

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/31/2011 03:30 Date Analyzed (2): 03/31/2011 03:30

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	2	3.65	3.56	3.70	23.0	25	9.7
		3	3.93	3.85	3.99	22.1		
		4	4.19	4.11	4.25	16.7		
		5	4.36	4.28	4.42	17.4		
		6	4.61	4.53	4.67	46.0		
		7	5.10	5.03	5.17	26.6		
		8	5.43	5.36	5.50	26.2		
	2	1	2.57	2.44	2.58	31.3	23	
		2	2.87	2.78	2.92	22.4		
		3	3.06	2.98	3.12	23.3		
		5	3.49	3.40	3.54	22.5		
		6	3.70	3.62	3.76	22.6		
		7	3.93	3.85	3.99	33.1		
		8	4.66	4.60	4.74	15.7		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-WT-E (8-8.5) Lab Sample ID: 460-24280-5

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/31/2011 04:11 Date Analyzed (2): 03/31/2011 04:11

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1260	1	3	7.72	7.64	7.78	26.2	28	18.3
		4	7.93	7.85	7.99	34.5		
		5	8.05	7.97	8.11	16.8		
		6	8.62	8.54	8.68	30.1		
		7	9.60	9.52	9.66	26.9		
		8	10.21	10.14	10.28	31.1		
	2	3	6.06	5.99	6.13	23.8	23	
		4	6.21	6.14	6.28	32.0		
		5	6.56	6.49	6.63	20.3		
		6	7.60	7.53	7.67	14.0		
		7	7.77	7.70	7.84	24.2		
		8	8.96	8.89	9.03	23.5		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-VS-E (1-3) Lab Sample ID: 460-24280-10

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/31/2011 16:01 Date Analyzed (2): 03/31/2011 16:01

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	3.17	3.09	3.23	2780000	2800000	1.5
		2	3.65	3.56	3.70	2800000		
		3	3.93	3.85	3.99	2810000		
		4	4.19	4.11	4.25	2810000		
		5	4.36	4.28	4.42	2900000		
		6	4.61	4.53	4.67	2900000		
		7	5.10	5.03	5.17	3150000		
		8	5.43	5.36	5.50	2620000		
	2	1	2.53	2.44	2.58	2570000	2800000	
		2	2.86	2.78	2.92	2660000		
		3	3.06	2.98	3.12	2860000		
		4	3.33	3.25	3.39	2820000		
		5	3.48	3.40	3.54	2650000		
		6	3.69	3.62	3.76	2560000		
		7	3.93	3.85	3.99	2600000		
		8	4.66	4.60	4.74	3700000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-VD-E (4.5-6.5) Lab Sample ID: 460-24280-11

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/31/2011 16:18 Date Analyzed (2): 03/31/2011 16:18

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	3.17	3.09	3.23	13272796.2979091000000	14000000	2.0
		2	3.64	3.56	3.70	13247896.4584263000000		
		3	3.93	3.85	3.99	14084144.8272843000000		
		4	4.19	4.11	4.25	13414485.0956067000000		
		5	4.36	4.28	4.42	13764866.8324332000000		
		6	4.60	4.53	4.67	13486511.3119000000000		
		7	5.10	5.03	5.17	14995451.7348192000000		
		8	5.43	5.36	5.50	12666574.4039494000000		
	2	1	2.53	2.44	2.58	12272575.9720702000000	13000000	
		2	2.86	2.78	2.92	12572013.2835873000000		
		3	3.06	2.98	3.12	13640393.2366042000000		
		4	3.33	3.25	3.39	12683022.9345156000000		
		5	3.48	3.40	3.54	12959879.5630976000000		
		6	3.69	3.62	3.76	12242109.2659880000000		
		7	3.93	3.85	3.99	12384465.7877084000000		
		8	4.66	4.60	4.74	18033223.6877574000000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-WT-E (6.5-8.5) Lab Sample ID: 460-24280-12

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/31/2011 16:34 Date Analyzed (2): 03/31/2011 16:34

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	3.17	3.09	3.23	10245448.4440059000000	10000000	4.1
		2	3.64	3.56	3.70	10133552.0576150000000		
		3	3.93	3.85	3.99	10655175.9759712000000		
		4	4.19	4.11	4.25	10022245.8395915000000		
		5	4.35	4.28	4.42	10407786.2514318000000		
		6	4.60	4.53	4.67	10074996.9436452000000		
		7	5.10	5.03	5.17	11175644.4442184000000		
		8	5.43	5.36	5.50	9450000		
	2	1	2.53	2.44	2.58	9100000	9900000	
		2	2.86	2.78	2.92	9450000		
		3	3.06	2.98	3.12	10014617.5228876000000		
		4	3.33	3.25	3.39	9961659.55032285000000		
		5	3.48	3.40	3.54	9250000		
		6	3.69	3.62	3.76	9130000		
		7	3.92	3.85	3.99	9130000		
		8	4.66	4.60	4.74	12844645.9750934000000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-SI-E (10.5-12.5) Lab Sample ID: 460-24280-13

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/31/2011 15:45 Date Analyzed (2): 03/31/2011 15:45

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	3.17	3.09	3.23	835000	870000	5.9
		2	3.65	3.56	3.70	847000		
		3	3.93	3.85	3.99	870000		
		4	4.19	4.11	4.25	848000		
		5	4.36	4.28	4.42	886000		
		6	4.61	4.53	4.67	888000		
		7	5.10	5.03	5.17	959000		
		8	5.43	5.36	5.50	821000		
	2	1	2.53	2.44	2.58	743000	820000	
		2	2.86	2.78	2.92	789000		
		3	3.06	2.98	3.12	818000		
		4	3.33	3.25	3.39	828000		
		5	3.48	3.40	3.54	771000		
		6	3.69	3.62	3.76	769000		
		7	3.93	3.85	3.99	765000		
		8	4.66	4.60	4.74	1070000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-2-VD-E (3.5-4.0) Lab Sample ID: 460-24280-14

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/31/2011 13:22 Date Analyzed (2): 03/31/2011 13:22

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	3.17	3.09	3.23	9070	9400	3.6
		2	3.64	3.56	3.70	9310		
		3	3.93	3.85	3.99	9480		
		4	4.19	4.11	4.25	9440		
		5	4.36	4.28	4.42	9700		
		6	4.60	4.53	4.67	9060		
		7	5.10	5.03	5.17	10100		
		8	5.43	5.36	5.50	9280		
	2	1	2.53	2.44	2.58	8410	9100	
		2	2.86	2.78	2.92	8880		
		3	3.06	2.98	3.12	8910		
		4	3.33	3.25	3.39	8850		
		5	3.48	3.40	3.54	8820		
		6	3.69	3.62	3.76	8420		
		7	3.92	3.85	3.99	8430		
		8	4.66	4.60	4.74	12100		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-2WT-E (8.0-8.5) Lab Sample ID: 460-24280-15

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/31/2011 15:28 Date Analyzed (2): 03/31/2011 15:28

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	3.17	3.09	3.23	441000	500000	0.3
		2	3.65	3.56	3.70	484000		
		3	3.93	3.85	3.99	496000		
		4	4.19	4.11	4.25	491000		
		5	4.36	4.28	4.42	521000		
		6	4.61	4.53	4.67	496000		
		7	5.10	5.03	5.17	562000		
		8	5.43	5.36	5.50	480000		
	2	1	2.53	2.44	2.58	423000	490000	
		2	2.86	2.78	2.92	452000		
		3	3.06	2.98	3.12	472000		
		4	3.33	3.25	3.39	488000		
		5	3.48	3.40	3.54	464000		
		6	3.70	3.62	3.76	460000		
		7	3.93	3.85	3.99	458000		
		8	4.66	4.60	4.74	742000		
Aroclor 1260	1	1	6.66	6.58	6.72	187000	120000	9.8
		2	7.02	6.94	7.08	114000		
		3	7.72	7.64	7.78	98700		
		4	7.92	7.85	7.99	117000		
		5	8.05	7.97	8.11	109000		
		6	8.62	8.54	8.68	113000		
		7	9.60	9.52	9.66	107000		
		8	10.21	10.14	10.28	134000		
	2	1	5.36	5.29	5.43	125000	110000	
		2	5.71	5.63	5.77	111000		
		3	6.06	5.99	6.13	103000		
		4	6.21	6.14	6.28	124000		
		5	6.56	6.49	6.63	120000		
		6	7.60	7.53	7.67	81800		
		7	7.77	7.70	7.84	115000		
		8	8.96	8.89	9.03	107000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-2-SI-E (10.5-11.0) Lab Sample ID: 460-24280-16

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/31/2011 13:55 Date Analyzed (2): 03/31/2011 13:55

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	3.17	3.09	3.23	58200	60000	1.3
		2	3.64	3.56	3.70	58300		
		3	3.93	3.85	3.99	60200		
		4	4.19	4.11	4.25	58800		
		5	4.36	4.28	4.42	60900		
		6	4.60	4.53	4.67	59800		
		7	5.10	5.03	5.17	66600		
		8	5.43	5.36	5.50	58500		
	2	1	2.53	2.44	2.58	54600	59000	
		2	2.86	2.78	2.92	55100		
		3	3.06	2.98	3.12	57500		
		4	3.33	3.25	3.39	55700		
		5	3.48	3.40	3.54	56500		
		6	3.69	3.62	3.76	52900		
		7	3.92	3.85	3.99	54600		
		8	4.66	4.60	4.74	88200		
Aroclor 1260	1	1	6.65	6.58	6.72	14500	13000	5.0
		2	7.02	6.94	7.08	13100		
		3	7.71	7.64	7.78	11400		
		4	7.92	7.85	7.99	13300		
		5	8.05	7.97	8.11	12400		
		6	8.62	8.54	8.68	12900		
		7	9.59	9.52	9.66	12800		
		8	10.21	10.14	10.28	15200		
	2	1	5.36	5.29	5.43	13800	13000	
		2	5.71	5.63	5.77	13000		
		3	6.06	5.99	6.13	11700		
		4	6.21	6.14	6.28	14100		
		5	6.56	6.49	6.63	13300		
		6	7.60	7.53	7.67	9280		
		7	7.77	7.70	7.84	13300		
		8	8.96	8.89	9.03	12000		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5-VD-E (3.5-4) Lab Sample ID: 460-24280-17

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/31/2011 08:31 Date Analyzed (2): 03/31/2011 08:31

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	3.18	3.09	3.23	102	130	9.3
		2	3.65	3.56	3.70	120		
		3	3.93	3.85	3.99	117		
		4	4.19	4.11	4.25	135		
		5	4.36	4.28	4.42	150		
		6	4.61	4.53	4.67	146		
		7	5.10	5.03	5.17	151		
		8	5.43	5.36	5.50	142		
	2	1	2.53	2.44	2.58	120	120	
		2	2.87	2.78	2.92	111		
		3	3.06	2.98	3.12	118		
		4	3.33	3.25	3.39	127		
		5	3.48	3.40	3.54	130		
		6	3.70	3.62	3.76	90.3		
		7	3.93	3.85	3.99	130		
		8	4.66	4.60	4.74	144		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5-WT-E (8-8.5) Lab Sample ID: 460-24280-18

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 04/01/2011 03:37 Date Analyzed (2): 04/01/2011 03:37

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	3.17	3.09	3.23	240000	270000	10.0
		2	3.64	3.56	3.70	258000		
		3	3.93	3.85	3.99	267000		
		4	4.19	4.11	4.25	262000		
		5	4.36	4.28	4.42	276000		
		6	4.60	4.53	4.67	258000		
		7	5.10	5.03	5.17	301000		
		8	5.43	5.36	5.50	268000		
	2	1	2.52	2.44	2.58	223000	240000	
		2	2.86	2.78	2.92	237000		
		3	3.06	2.98	3.12	245000		
		4	3.33	3.25	3.39	260000		
		5	3.48	3.40	3.54	248000		
		6	3.69	3.62	3.76	234000		
		7	3.92	3.85	3.99	240000		
Aroclor 1260	1	1	6.65	6.58	6.72	59500	53000	9.7
		2	7.02	6.94	7.08	53500		
		3	7.71	7.64	7.78	47100		
		4	7.92	7.85	7.99	53900		
		5	8.05	7.97	8.11	50400		
		6	8.62	8.54	8.68	49900		
		7	9.60	9.52	9.66	51000		
		8	10.21	10.14	10.28	60200		
	2	1	5.36	5.29	5.43	54600	48000	
		2	5.71	5.63	5.77	50100		
		3	6.06	5.99	6.13	43000		
		4	6.21	6.14	6.28	50600		
		5	6.56	6.49	6.63	48300		
		6	7.60	7.53	7.67	37200		
		7	7.77	7.70	7.84	53100		
		8	8.96	8.89	9.03	49200		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5SI-E (10.5-11) Lab Sample ID: 460-24280-19

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 04/01/2011 03:54 Date Analyzed (2): 04/01/2011 03:54

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1242	1	1	3.17	3.09	3.23	186000	200000	14.8
		2	3.64	3.56	3.70	194000		
		3	3.93	3.85	3.99	190000		
		4	4.19	4.11	4.25	194000		
		5	4.36	4.28	4.42	205000		
		6	4.60	4.53	4.67	192000		
		7	5.10	5.03	5.17	222000		
		8	5.43	5.36	5.50	190000		
	2	1	2.52	2.44	2.58	165000	170000	
		2	2.86	2.78	2.92	176000		
		3	3.06	2.98	3.12	177000		
		4	3.33	3.25	3.39	173000		
		5	3.48	3.40	3.54	178000		
		6	3.69	3.62	3.76	172000		
		7	3.92	3.85	3.99	171000		
		8	4.66	4.60	4.74	144000		
Aroclor 1260	1	1	6.65	6.58	6.72	66300	37000	12.3
		2	7.02	6.94	7.08	34800		
		3	7.72	7.64	7.78	28900		
		4	7.92	7.85	7.99	32700		
		5	8.05	7.97	8.11	29400		
		6	8.62	8.54	8.68	32700		
		7	9.60	9.52	9.66	34800		
		8	10.21	10.14	10.28	39900		
	2	1	5.36	5.29	5.43	31400	33000	
		2	5.71	5.63	5.77	32300		
		3	6.06	5.99	6.13	26700		
		4	6.21	6.14	6.28	48300		
		5	6.56	6.49	6.63	46600		
		6	7.60	7.53	7.67	21500		
		7	7.77	7.70	7.84	27200		
		8	8.96	8.89	9.03	30700		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-68887/2-A

Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7

Date Analyzed (1): 03/31/2011 02:01 Date Analyzed (2): 03/31/2011 02:01

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): CLP-1 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	3.17	3.10	3.24	422	429	5.4
		2	3.65	3.57	3.71	425		
		3	3.93	3.86	4.00	422		
		4	4.19	4.11	4.25	416		
		5	4.36	4.28	4.42	438		
		6	4.66	4.58	4.72	438		
		7	4.94	4.87	5.01	440		
		8	5.10	5.03	5.17	433		
	2	1	2.53	2.46	2.60	380	407	
		2	2.86	2.79	2.93	404		
		3	3.06	2.99	3.13	403		
		4	3.33	3.26	3.40	412		
		5	3.48	3.41	3.55	398		
		6	3.54	3.47	3.61	428		
		7	3.93	3.85	3.99	410		
		8	4.05	3.98	4.12	417		
Aroclor 1260	1	1	6.66	6.58	6.72	413	416	7.7
		2	7.02	6.94	7.08	416		
		3	7.72	7.64	7.78	401		
		4	7.92	7.85	7.99	420		
		5	8.05	7.97	8.11	420		
		6	8.62	8.54	8.68	415		
		7	9.60	9.52	9.66	407		
		8	10.21	10.14	10.28	439		
	2	1	5.36	5.29	5.43	406	386	
		2	5.71	5.63	5.77	399		
		3	6.06	5.99	6.13	392		
		4	6.21	6.14	6.28	414		
		5	6.56	6.49	6.63	383		
		6	7.60	7.53	7.67	298		
		7	7.78	7.70	7.84	416		
		8	8.96	8.89	9.03	378		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-VS-E (1-3) Lab Sample ID: 460-24280-1

Matrix: Solid Lab File ID: of171005.d

Analysis Method: 8082 Date Collected: 03/17/2011 09:04

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.00(g) Date Analyzed: 03/31/2011 02:57

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69079 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	48	J	72	14
11096-82-5	Aroclor 1260	25	J	72	8.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	125		30-150

Data File: of171005.d
Report Date: 31-Mar-2011 12:44

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-30-11/30mar11d.b/of171005.d
Lab Smp Id: 460-24280-F-1-C Client Smp ID: PMP-25-VS-E (1-3)
Inj Date : 31-MAR-2011 02:57
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-1-C
Misc Info : 460-24280-F-1-C
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-30-11/30mar11d.b/08Of8082.m
Meth Date : 31-Mar-2011 12:44 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 46
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	6.89076	% 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		
0.000	3.160	-3.160	0			80.00- 120.00	0.00(TM)
3.647	3.633	0.014	8499	51.7578	37	152.98- 229.47	0.00
3.933	3.922	0.011	3533	43.6162	31	75.46- 113.20	0.00
4.192	4.180	0.012	16308	53.7872	38	282.47- 423.70	0.00
4.360	4.350	0.010	10989	84.7302	61	120.83- 181.24	0.00
4.607	4.598	0.009	5486	84.0264	60	60.83- 91.24	0.00
5.103	5.097	0.006	7820	64.0763	46	113.70- 170.55	0.00
5.432	5.425	0.007	7596	85.8596	61	82.42- 123.63	0.00
Average of Peak Concentrations =					48		
27 Aroclor-1260					CAS #: 11096-82-5		
6.658	6.657	0.001	5667	21.3954	15	80.00- 120.00	100.00(M)

Data File: of171005.d
Report Date: 31-Mar-2011 12:44

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.020	7.017	0.003	9941	33.7045	24	89.80- 134.70	175.42
7.718	7.715	0.003	12459	29.2976	21	129.87- 194.80	219.85
7.927	7.923	0.004	7306	36.4930	26	61.32- 91.98	128.92
8.048	8.047	0.001	2545	22.1351	16	37.09- 55.63	44.91
8.623	8.618	0.005	10358	45.6519	33	69.65- 104.48	182.78
9.597	9.595	0.002	11850	45.1233	32	125.98- 188.97	209.11
10.208	10.207	0.001	4292	47.5017	34	30.36- 45.54	75.74
Average of Peak Concentrations =					25		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.700	10.700	0.000	184784	62.2872	44	80.00- 120.00	100.00

QC Flag Legend

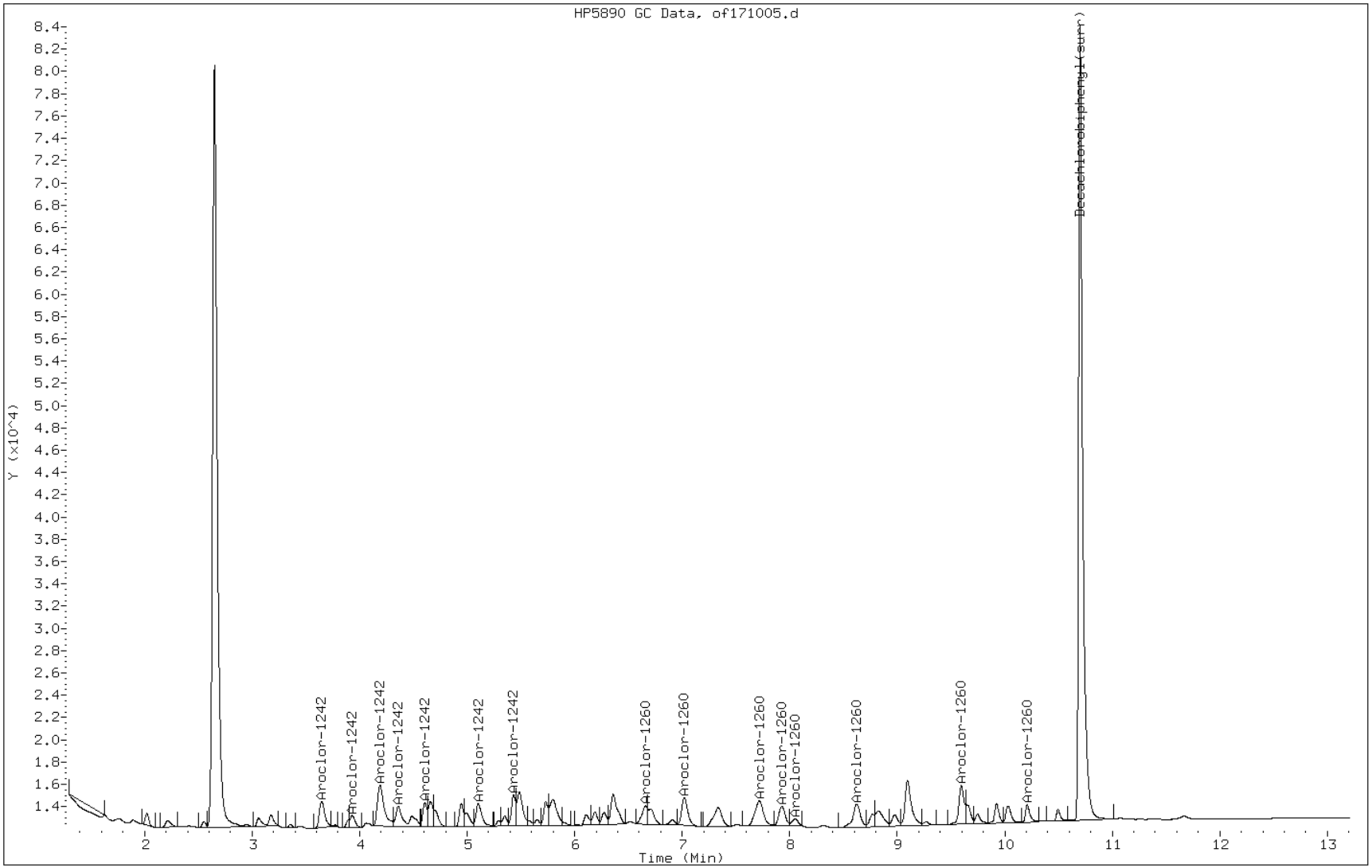
T - Target compound detected outside RT window.
M - Compound response manually integrated.

Data File: of171005.d

Date: 31-MAR-2011 02:57

Client ID: PMP-25-VS-E (1-3) Instrument: PESTGC7.i

Sample Info: 460-24280-F-1-C Operator: 615



Manual Integration Report

Data File: of171005.d
Inj. Date and Time: 31-MAR-2011 02:57
Instrument ID: PESTGC7.i
Client ID: PMP-25-VS-E (1-3)
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/31/2011

Processing Integration Results

Not Detected

Expected RT: 3.16

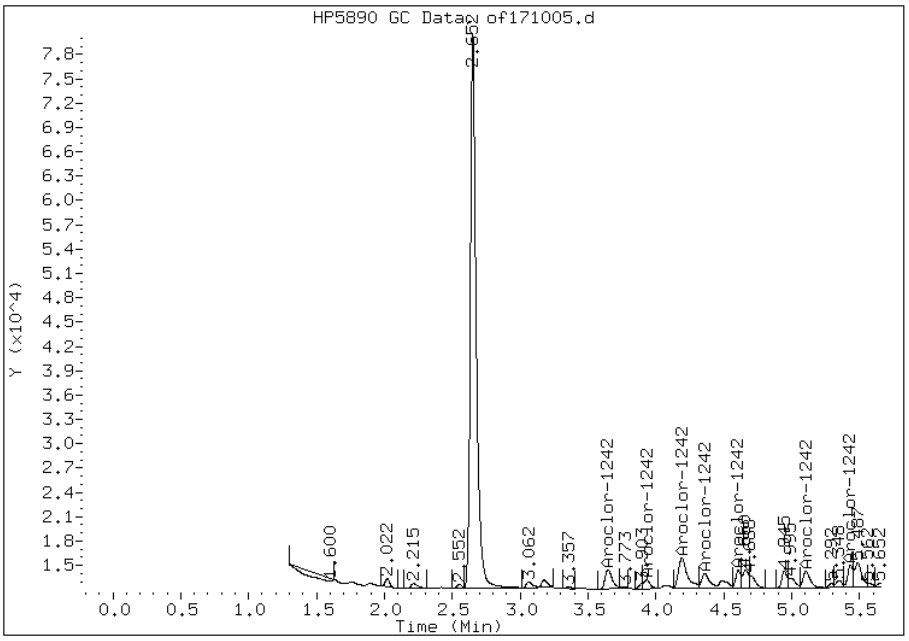
Manual Integration Results

RT: 0.00

Response: 0

Amount: 66.84

Conc: 48.00



Manually Integrated By: shanthi
Manual Integration Reason:

Manual Integration Report

Data File: of171005.d
Inj. Date and Time: 31-MAR-2011 02:57
Instrument ID: PESTGC7.i
Client ID: PMP-25-VS-E (1-3)
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/31/2011

Processing Integration Results

Not Detected

Expected RT: 6.65

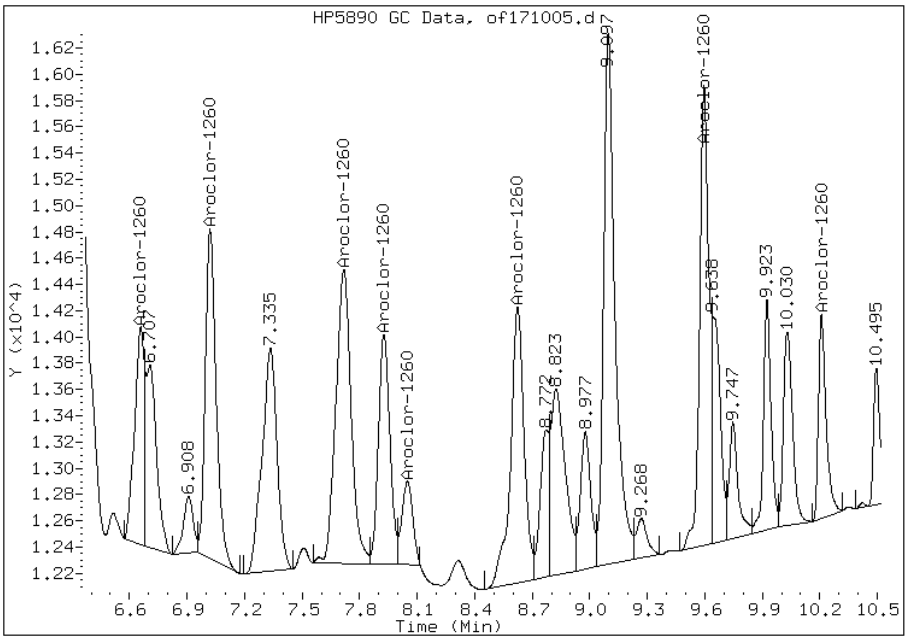
Manual Integration Results

RT: 6.66

Response: 5667

Amount: 35.16

Conc: 25.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-VS-E (1-3) Lab Sample ID: 460-24280-1

Matrix: Solid Lab File ID: or171005.d

Analysis Method: 8082 Date Collected: 03/17/2011 09:04

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.00(g) Date Analyzed: 03/31/2011 02:57

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69079 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	72	U	72	14
11104-28-2	Aroclor 1221	72	U	72	22
11141-16-5	Aroclor 1232	72	U	72	41
12672-29-6	Aroclor 1248	72	U	72	19
11097-69-1	Aroclor 1254	72	U	72	25
37324-23-5	Aroclor 1262	72	U	72	12
11100-14-4	Aroclor 1268	72	U	72	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	116		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-30-11/30mar11d.b/or171005.d
Lab Smp Id: 460-24280-F-1-C Client Smp ID: PMP-25-VS-E (1-3)
Inj Date : 31-MAR-2011 02:57
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-1-C
Misc Info : 460-24280-F-1-C
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-30-11/30mar11d.b/08Or8082.m
Meth Date : 31-Mar-2011 12:43 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 46
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	6.89076	% 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		
2.533	2.512	0.021	1504	17.8083	13	80.00- 120.00	100.00(MH)
2.867	2.852	0.015	5989	43.8642	31	129.33- 194.00	398.20
3.063	3.052	0.011	3412	35.0636	25	92.18- 138.26	226.86
3.332	3.323	0.009	13903	49.6523	36	265.24- 397.85	924.40
3.480	3.470	0.010	4666	46.1715	33	95.73- 143.59	310.24
3.697	3.692	0.005	12715	66.5630	48	180.95- 271.42	845.41
3.928	3.922	0.006	5513	48.4583	35	107.77- 161.65	366.56
4.665	4.667	-0.002	7550	71.6945	51	99.75- 149.63	501.99
Average of Peak Concentrations =					34		
27 Aroclor-1260					CAS #: 11096-82-5		
5.362	5.355	0.007	3017	14.1336	10	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)							
5.708	5.702	0.006	9624	25.8040	18	139.51- 209.27	318.99
6.060	6.055	0.005	7718	22.7146	16	129.05- 193.57	255.82
6.210	6.205	0.005	4541	30.3213	22	58.05- 87.07	150.51
6.558	6.557	0.001	5618	35.4837	25	59.73- 89.59	186.21
7.603	7.600	0.003	4203	19.5676	14	72.56- 108.84	139.31
7.777	7.772	0.005	3674	32.2581	23	47.40- 71.11	121.78
8.958	8.957	0.001	3763	37.4153	27	39.73- 59.59	124.73
Average of Peak Concentrations =					19		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.612	9.610	0.002	214318	57.8050	41	80.00- 120.00	100.00

QC Flag Legend

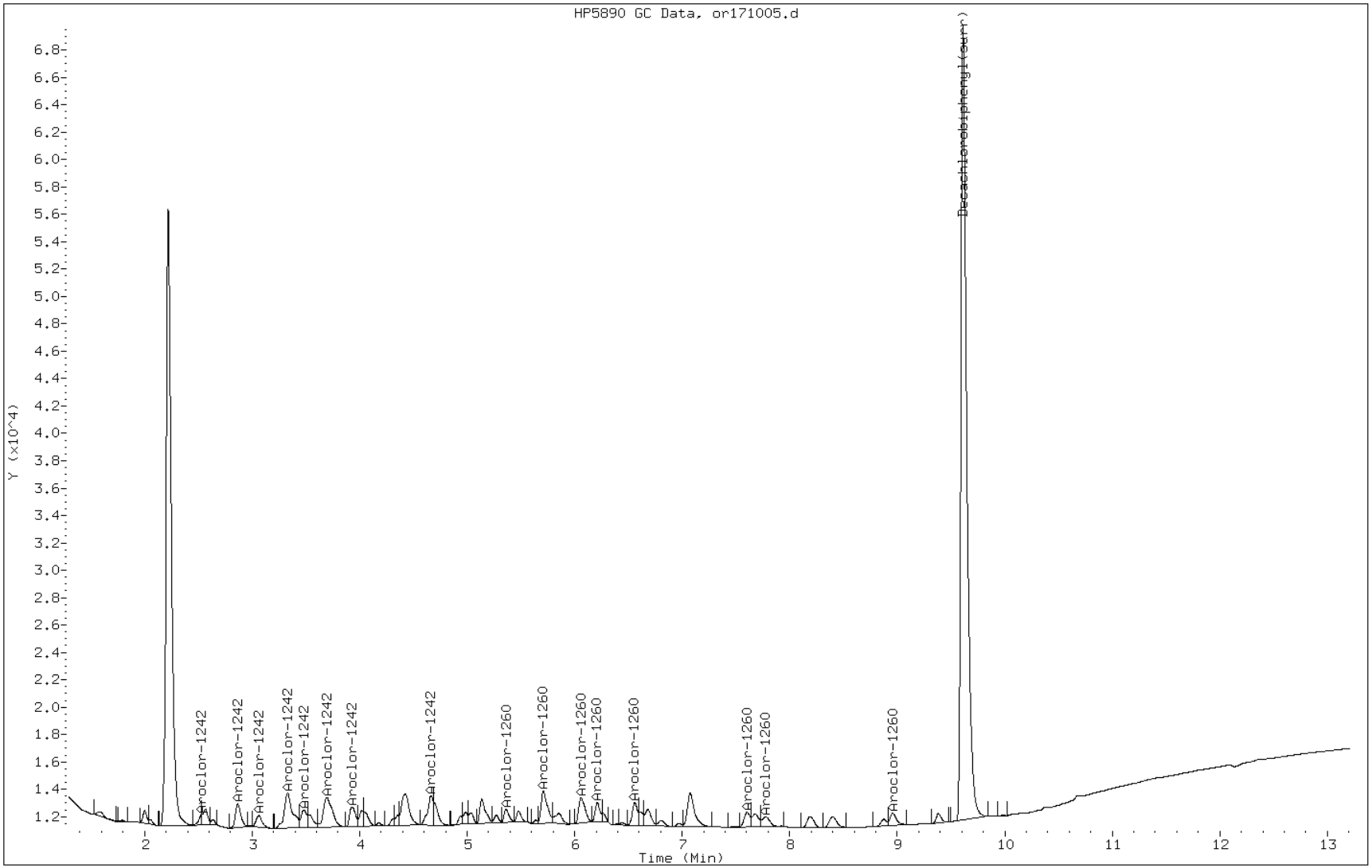
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: or171005.d

Date: 31-MAR-2011 02:57

Client ID: PMP-25-VS-E (1-3) Instrument: PESTGC7.i

Sample Info: 460-24280-F-1-C Operator: 615



Manual Integration Report

Data File: or171005.d
Inj. Date and Time: 31-MAR-2011 02:57
Instrument ID: PESTGC7.i
Client ID: PMP-25-VS-E (1-3)
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/31/2011

Processing Integration Results

Not Detected

Expected RT: 2.51

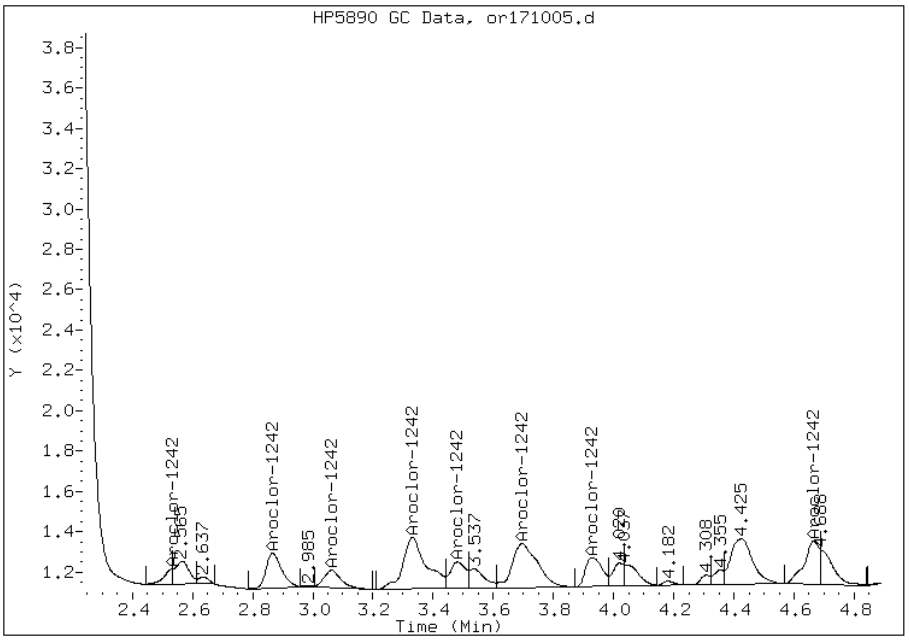
Manual Integration Results

RT: 2.53

Response: 1504

Amount: 47.41

Conc: 34.00



Manually Integrated By: shanthi
Manual Integration Reason:

Manual Integration Report

Data File: or171005.d
Inj. Date and Time: 31-MAR-2011 02:57
Instrument ID: PESTGC7.i
Client ID: PMP-25-VS-E (1-3)
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/31/2011

Processing Integration Results

Not Detected

Expected RT: 5.36

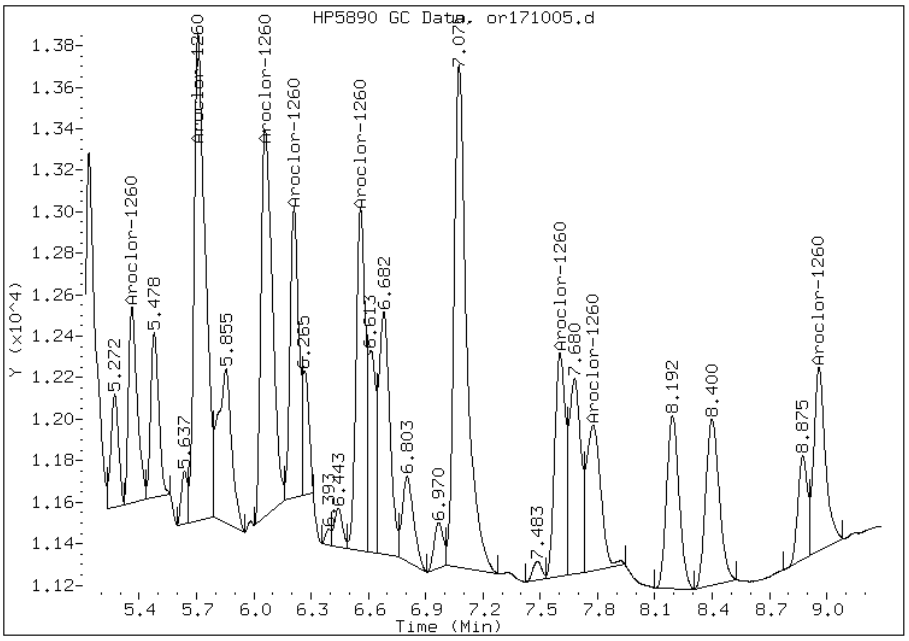
Manual Integration Results

RT: 5.36

Response: 3017

Amount: 27.21

Conc: 19.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-VD-E (3-5) Lab Sample ID: 460-24280-2

Matrix: Solid Lab File ID: of171006.d

Analysis Method: 8082 Date Collected: 03/17/2011 09:09

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.03(g) Date Analyzed: 03/31/2011 03:13

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.: 69079 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	133		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-30-11/30mar11d.b/of171006.d
Lab Smp Id: 460-24280-F-2-A Client Smp ID: PMP-25-VD-E (3-5)
Inj Date : 31-MAR-2011 03:13
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-2-A
Misc Info : 460-24280-F-2-A
Comment :
Method : /chem1/PESTGC7.i/8082/front/Mar11/03-30-11/30mar11d.b/08Of8082.m
Meth Date : 31-Mar-2011 12:46 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 47
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	4.78723	% Moisture

Cpnd Variable Local Compound Variable

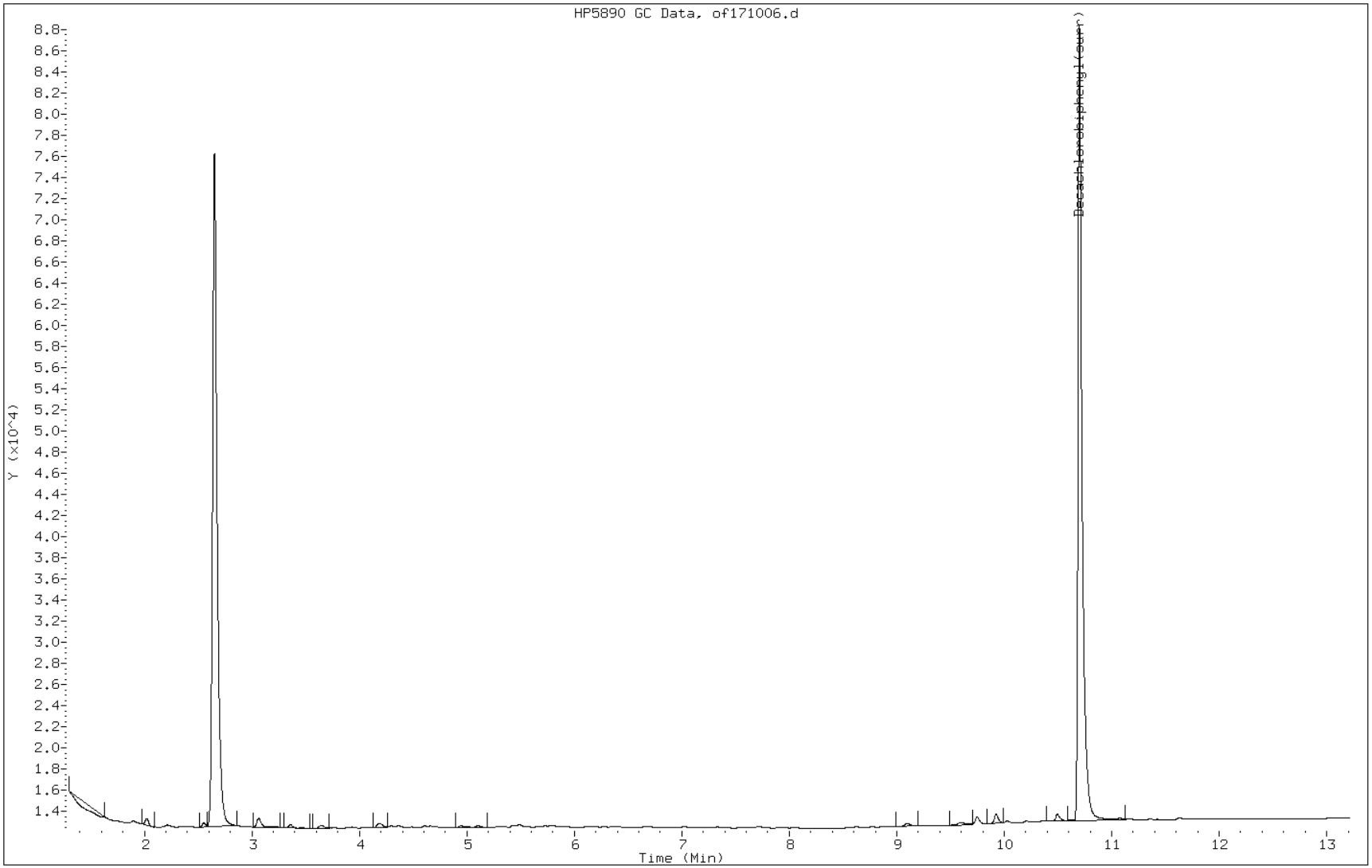
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.700	10.698	0.002	196618	66.2762	46	80.00- 120.00	100.00

Data File: of171006.d

Date: 31-MAR-2011 03:13

Client ID: PMP-25-VD-E (3-5) Instrument: PESTGC7.i

Sample Info: 460-24280-F-2-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-VD-E (3-5) | Lab Sample ID: 460-24280-2

Matrix: Solid | Lab File ID: or171006.d

Analysis Method: 8082 | Date Collected: 03/17/2011 09:09

Extraction Method: 3541 | Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.03(g) | Date Analyzed: 03/31/2011 03:13

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.: 69079 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	70	U	70	13
11104-28-2	Aroclor 1221	70	U	70	21
11141-16-5	Aroclor 1232	70	U	70	40
53469-21-9	Aroclor 1242	70	U	70	13
12672-29-6	Aroclor 1248	70	U	70	19
11097-69-1	Aroclor 1254	70	U	70	24
11096-82-5	Aroclor 1260	70	U	70	7.8
37324-23-5	Aroclor 1262	70	U	70	12
11100-14-4	Aroclor 1268	70	U	70	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	124		30-150

Data File: or171006.d
Report Date: 31-Mar-2011 12:49

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-30-11/30mar11d.b/or171006.d
Lab Smp Id: 460-24280-F-2-A Client Smp ID: PMP-25-VD-E (3-5)
Inj Date : 31-MAR-2011 03:13
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-2-A
Misc Info : 460-24280-F-2-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/rear/Mar11/03-30-11/30mar11d.b/08Or8082.m
Meth Date : 31-Mar-2011 12:43 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 47
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	4.78723	% Moisture

Cpnd Variable Local Compound Variable

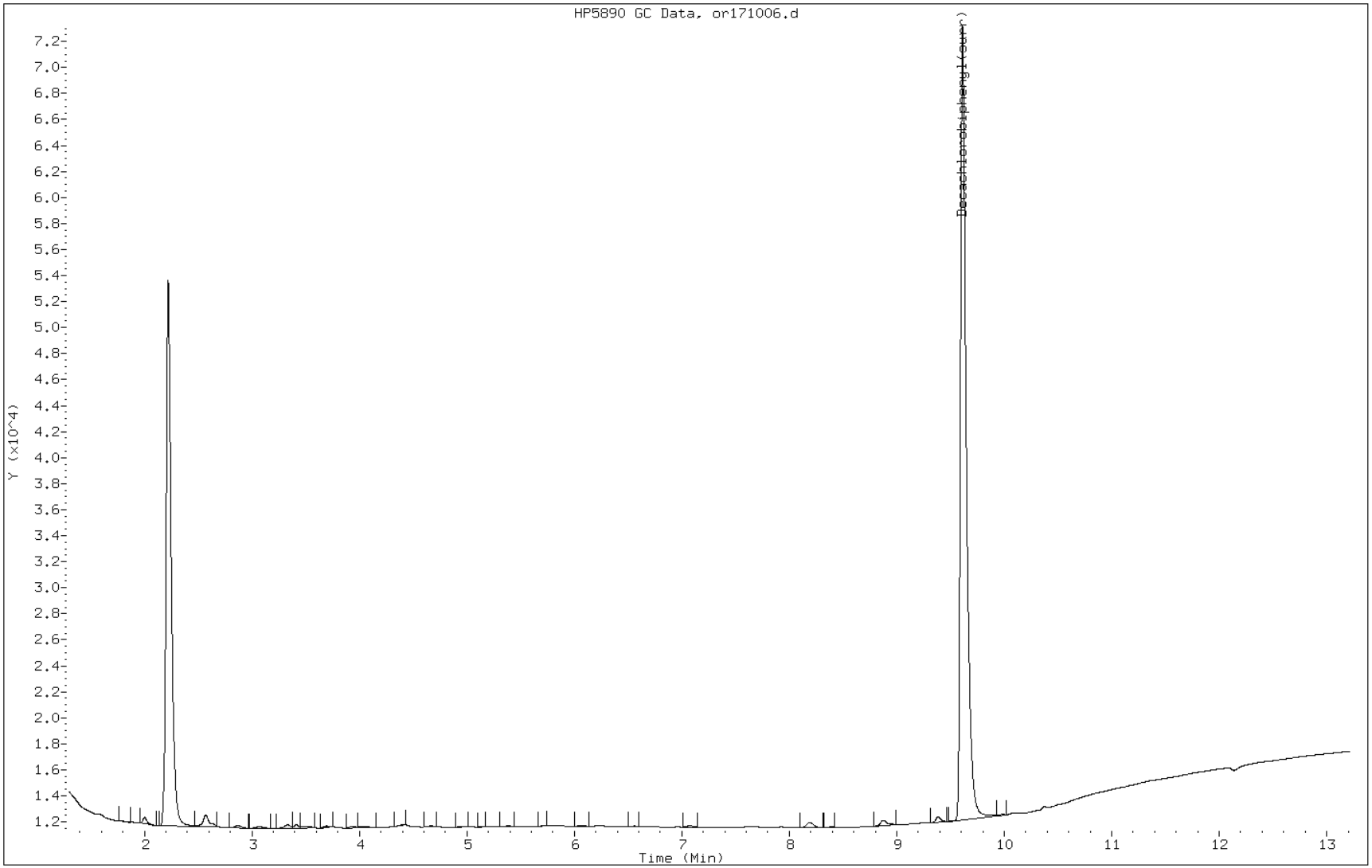
				CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)		
RT	EXP RT	DLT RT	RESPONSE			TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.612	9.610	0.002	229168	61.8103	43	80.00- 120.00	100.00

Data File: or171006.d

Date: 31-MAR-2011 03:13

Client ID: PMP-25-VD-E (3-5) Instrument: PESTGC7.i

Sample Info: 460-24280-F-2-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-WT-E (7.5-9.5) Lab Sample ID: 460-24280-3

Matrix: Solid Lab File ID: of171007.d

Analysis Method: 8082 Date Collected: 03/17/2011 09:15

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.02(g) Date Analyzed: 03/31/2011 03:30

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69079 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	25	J	79	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	132		30-150

Data File: of171007.d
Report Date: 31-Mar-2011 12:45

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-30-11/30mar11d.b/of171007.d
Lab Smp Id: 460-24280-F-3-A Client Smp ID: PMP-25-WT-E (7.5-9.
Inj Date : 31-MAR-2011 03:30
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-3-A
Misc Info : 460-24280-F-3-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-30-11/30mar11d.b/08Of8082.m
Meth Date : 31-Mar-2011 12:44 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 48
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	15.39510	% 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		
0.000	3.160	-3.160	0			80.00- 120.00	0.00(TMH)
3.648	3.633	0.015	4799	29.2253	23	152.98- 229.47	0.00
3.932	3.922	0.010	2275	28.0857	22	75.46- 113.20	0.00
4.192	4.180	0.012	6420	21.1745	17	282.47- 423.70	0.00
4.358	4.350	0.008	2867	22.1059	17	120.83- 181.24	0.00
4.607	4.598	0.009	3816	58.4478	46	60.83- 91.24	0.00
5.103	5.097	0.006	4121	33.7671	26	113.70- 170.55	0.00
5.433	5.425	0.008	2949	33.3333	26	82.42- 123.63	0.00
Average of Peak Concentrations =					25		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.700	10.700	0.000	195134	65.7760	52	80.00- 120.00	100.00

Data File: of171007.d
Report Date: 31-Mar-2011 12:45

QC Flag Legend

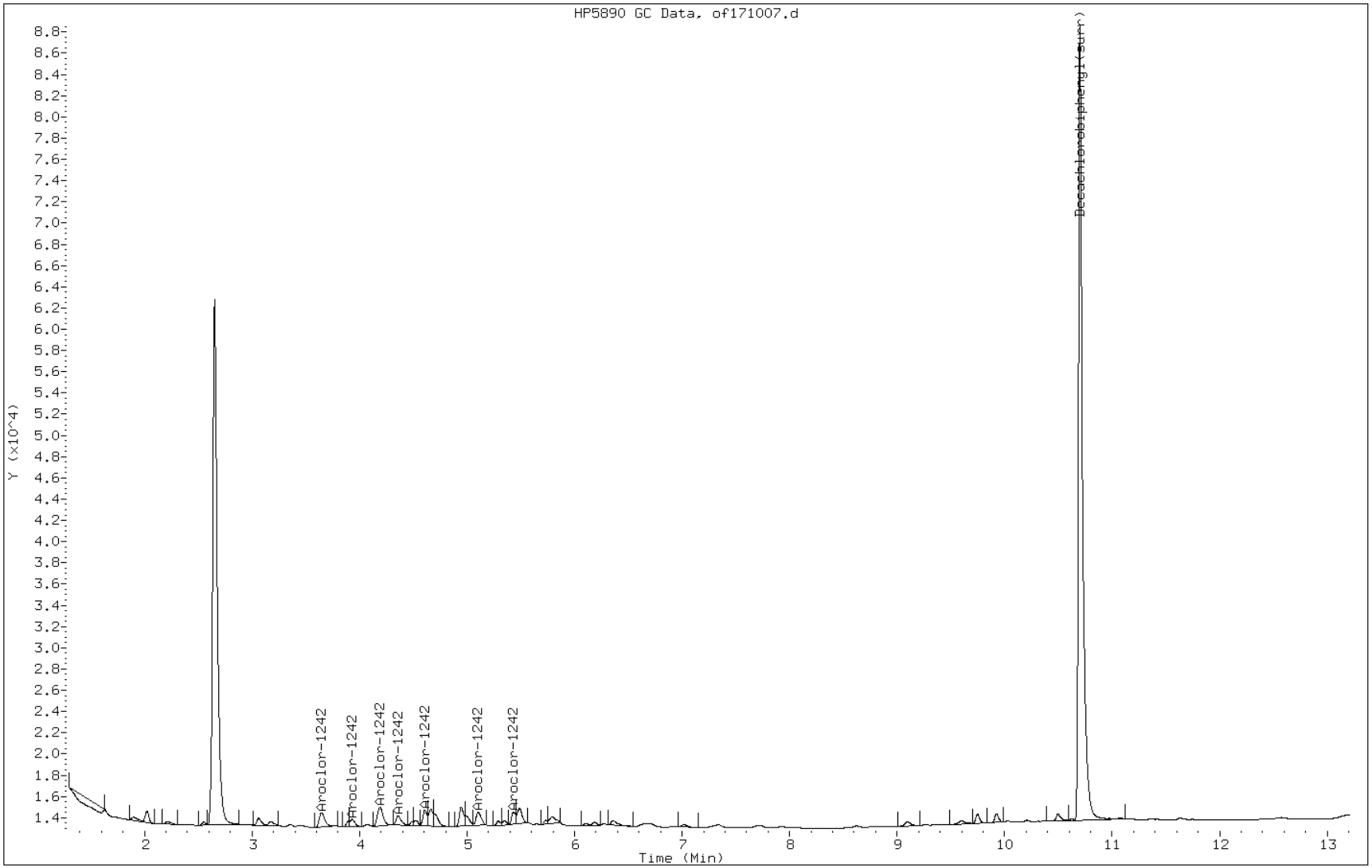
T - Target compound detected outside RT window.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: of171007.d

Date: 31-MAR-2011 03:30

Client ID: PMP-25-WT-E (7.5-9. Instrument: PESTGC7.i

Sample Info: 460-24280-F-3-A Operator: 615



Manual Integration Report

Data File: of171007.d
Inj. Date and Time: 31-MAR-2011 03:30
Instrument ID: PESTGC7.i
Client ID: PMP-25-WT-E (7.5-9.
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/31/2011

Processing Integration Results

Not Detected

Expected RT: 3.16

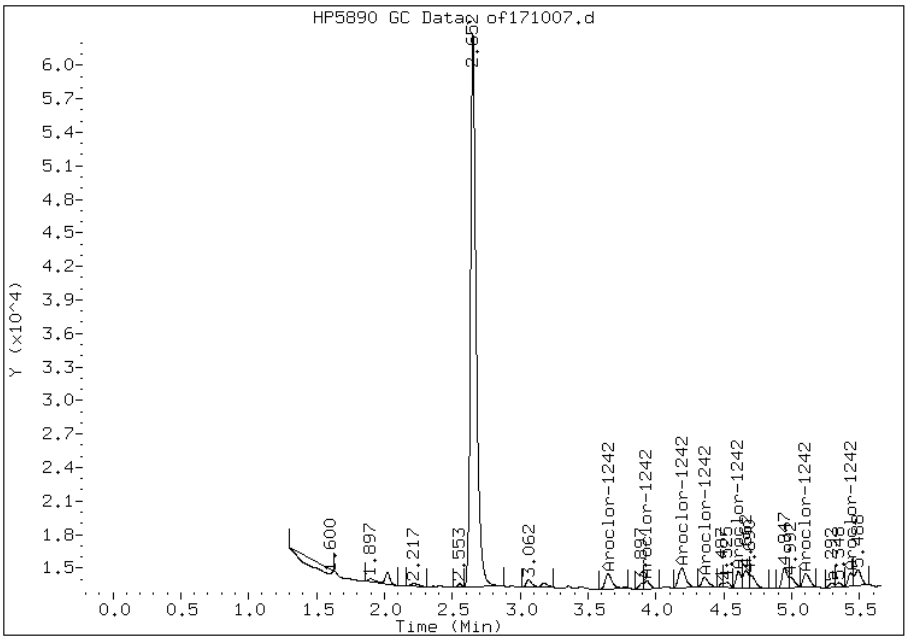
Manual Integration Results

RT: 0.00

Response: 0

Amount: 32.31

Conc: 25.00



Manually Integrated By: shanthi
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-WT-E (7.5-9.5) Lab Sample ID: 460-24280-3

Matrix: Solid Lab File ID: or171007.d

Analysis Method: 8082 Date Collected: 03/17/2011 09:15

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.02(g) Date Analyzed: 03/31/2011 03:30

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69079 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	79	U	79	15
11104-28-2	Aroclor 1221	79	U	79	24
11141-16-5	Aroclor 1232	79	U	79	45
12672-29-6	Aroclor 1248	79	U	79	21
11097-69-1	Aroclor 1254	79	U	79	27
11096-82-5	Aroclor 1260	79	U	79	8.8
37324-23-5	Aroclor 1262	79	U	79	14
11100-14-4	Aroclor 1268	79	U	79	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	122		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-30-11/30mar11d.b/or171007.d
Lab Smp Id: 460-24280-F-3-A Client Smp ID: PMP-25-WT-E (7.5-9.
Inj Date : 31-MAR-2011 03:30
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-3-A
Misc Info : 460-24280-F-3-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-30-11/30mar11d.b/08Or8082.m
Meth Date : 31-Mar-2011 12:43 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 48
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	15.39510	% 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		
2.568	2.512	0.056	3361	39.7963	31	80.00- 120.00	100.00(M)
2.867	2.852	0.015	3893	28.5128	22	129.33- 194.00	115.83
3.062	3.052	0.010	2884	29.6375	23	92.18- 138.26	85.81
3.332	3.323	0.009	4815	17.1960	14	265.24- 397.85	143.26
3.487	3.470	0.017	2885	28.5480	22	95.73- 143.59	85.84
3.695	3.692	0.003	5474	28.6564	22	180.95- 271.42	162.87
3.927	3.922	0.005	4791	42.1120	33	107.77- 161.65	142.55
4.663	4.667	-0.004	2106	19.9985	16	99.75- 149.63	62.66
Average of Peak Concentrations =					23		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.612	9.610	0.002	225969	60.9474	48	80.00- 120.00	100.00

QC Flag Legend

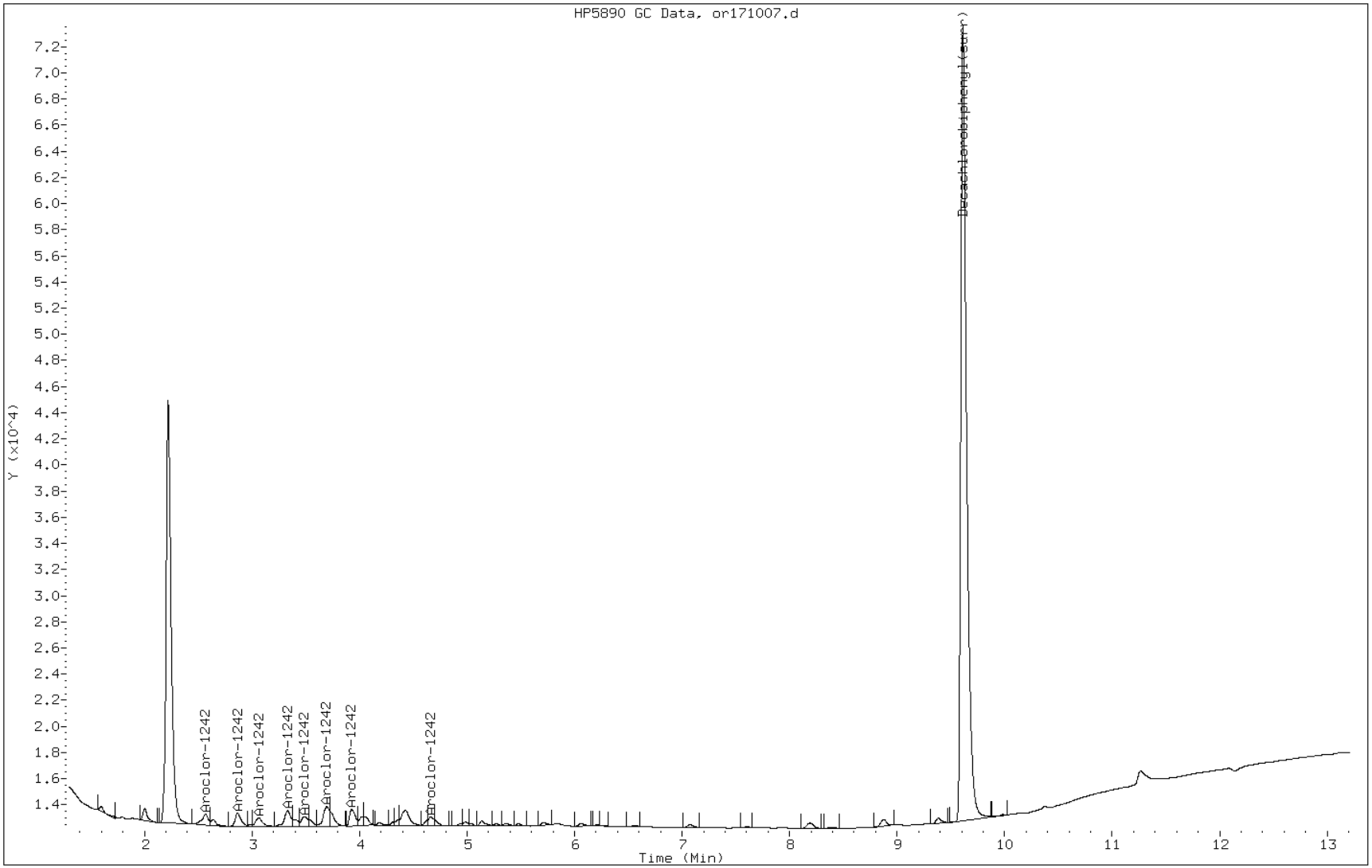
M - Compound response manually integrated.

Data File: or171007.d

Date: 31-MAR-2011 03:30

Client ID: PMP-25-WT-E (7.5-9. Instrument: PESTGC7.i

Sample Info: 460-24280-F-3-A Operator: 615



Manual Integration Report

Data File: or171007.d
Inj. Date and Time: 31-MAR-2011 03:30
Instrument ID: PESTGC7.i
Client ID: PMP-25-WT-E (7.5-9.
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/31/2011

Processing Integration Results

Not Detected

Expected RT: 2.51

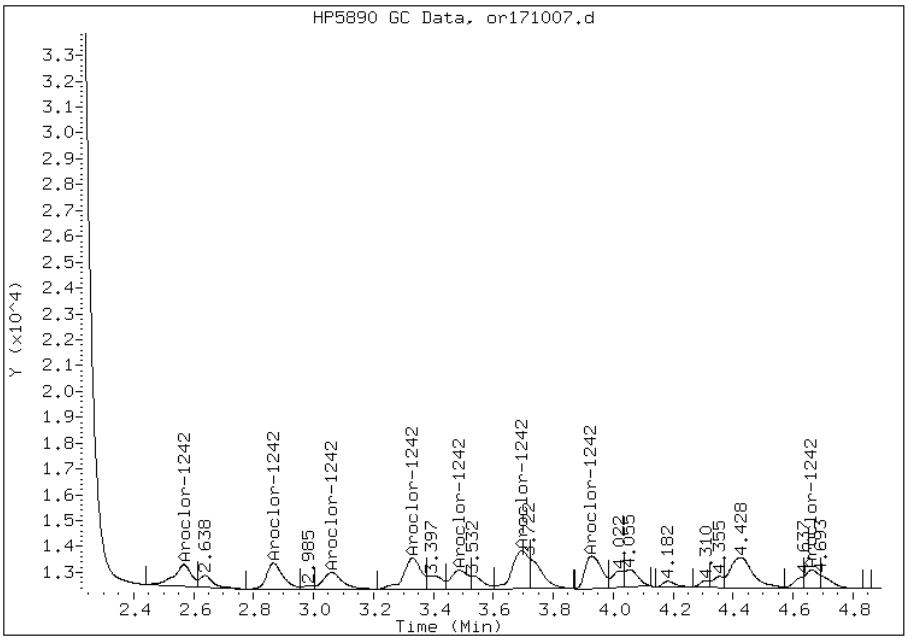
Manual Integration Results

RT: 2.57

Response: 3361

Amount: 29.31

Conc: 23.00



Manually Integrated By: shanthi
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-VD-E (3.5-4) Lab Sample ID: 460-24280-4

Matrix: Solid Lab File ID: of171008.d

Analysis Method: 8082 Date Collected: 03/17/2011 09:20

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.02(g) Date Analyzed: 03/31/2011 03:54

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.: 69079 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	135		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-30-11/30mar11d.b/of171008.d
Lab Smp Id: 460-24280-F-4-A Client Smp ID: PMP-21-VD-E (3.5-4)
Inj Date : 31-MAR-2011 03:54
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-4-A
Misc Info : 460-24280-F-4-A
Comment :
Method : /chem1/PESTGC7.i/8082/front/Mar11/03-30-11/30mar11d.b/08Of8082.m
Meth Date : 31-Mar-2011 12:46 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 49
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	5.91716	% Moisture

Cpnd Variable Local Compound Variable

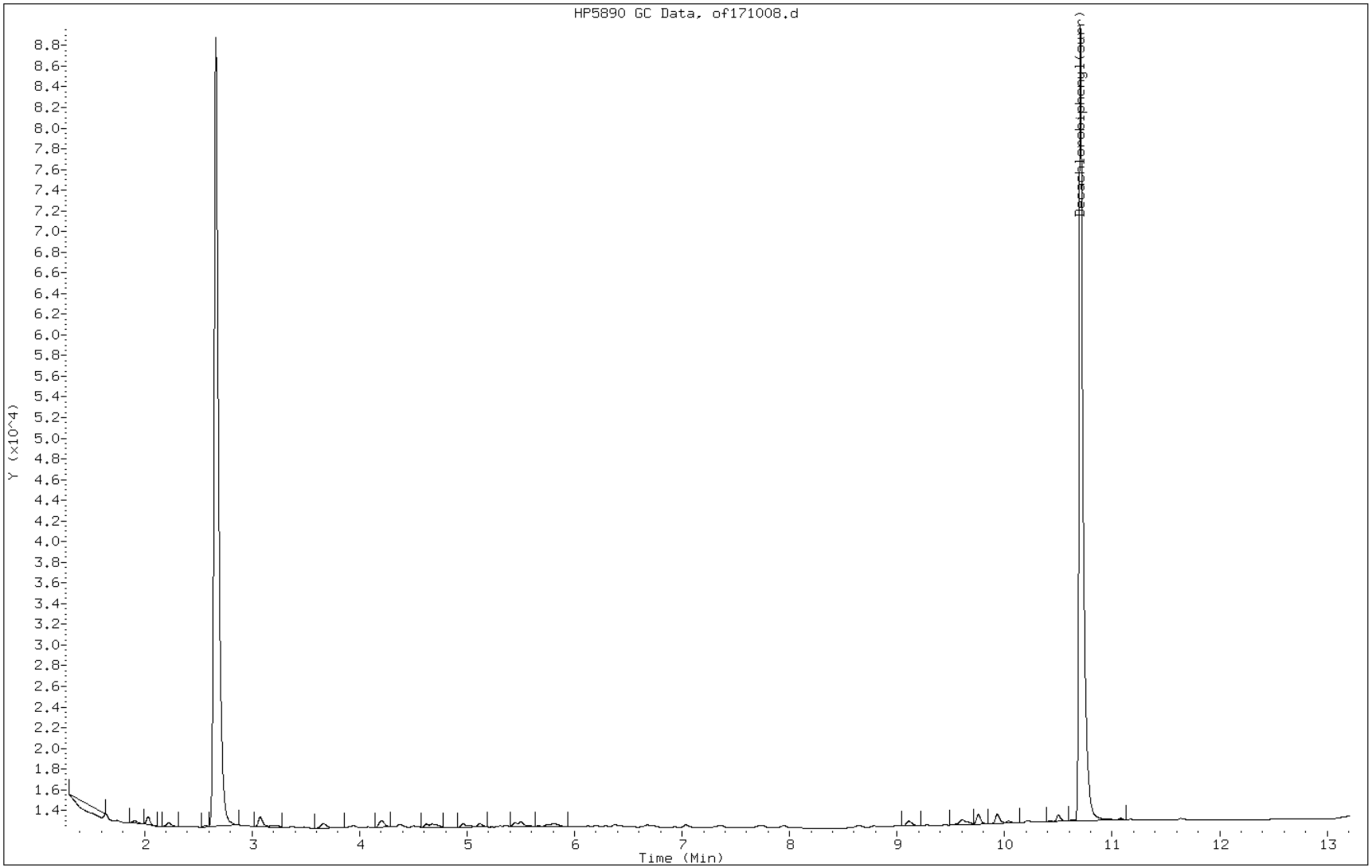
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.705	10.698	0.007	200929	67.7294	48	80.00- 120.00	100.00

Data File: of171008.d

Date: 31-MAR-2011 03:54

Client ID: PMP-21-VD-E (3.5-4) Instrument: PESTGC7.i

Sample Info: 460-24280-F-4-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-VD-E (3.5-4) | Lab Sample ID: 460-24280-4

Matrix: Solid | Lab File ID: or171008.d

Analysis Method: 8082 | Date Collected: 03/17/2011 09:20

Extraction Method: 3541 | Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.02(g) | Date Analyzed: 03/31/2011 03:54

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.: 69079 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	71	U	71	14
11104-28-2	Aroclor 1221	71	U	71	21
11141-16-5	Aroclor 1232	71	U	71	40
53469-21-9	Aroclor 1242	71	U	71	13
12672-29-6	Aroclor 1248	71	U	71	19
11097-69-1	Aroclor 1254	71	U	71	24
11096-82-5	Aroclor 1260	71	U	71	7.9
37324-23-5	Aroclor 1262	71	U	71	12
11100-14-4	Aroclor 1268	71	U	71	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	126		30-150

Data File: or171008.d
Report Date: 31-Mar-2011 12:49

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-30-11/30mar11d.b/or171008.d
Lab Smp Id: 460-24280-F-4-A Client Smp ID: PMP-21-VD-E (3.5-4)
Inj Date : 31-MAR-2011 03:54
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-4-A
Misc Info : 460-24280-F-4-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/rear/Mar11/03-30-11/30mar11d.b/08Or8082.m
Meth Date : 31-Mar-2011 12:43 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 49
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	5.91716	% Moisture

Cpnd Variable Local Compound Variable

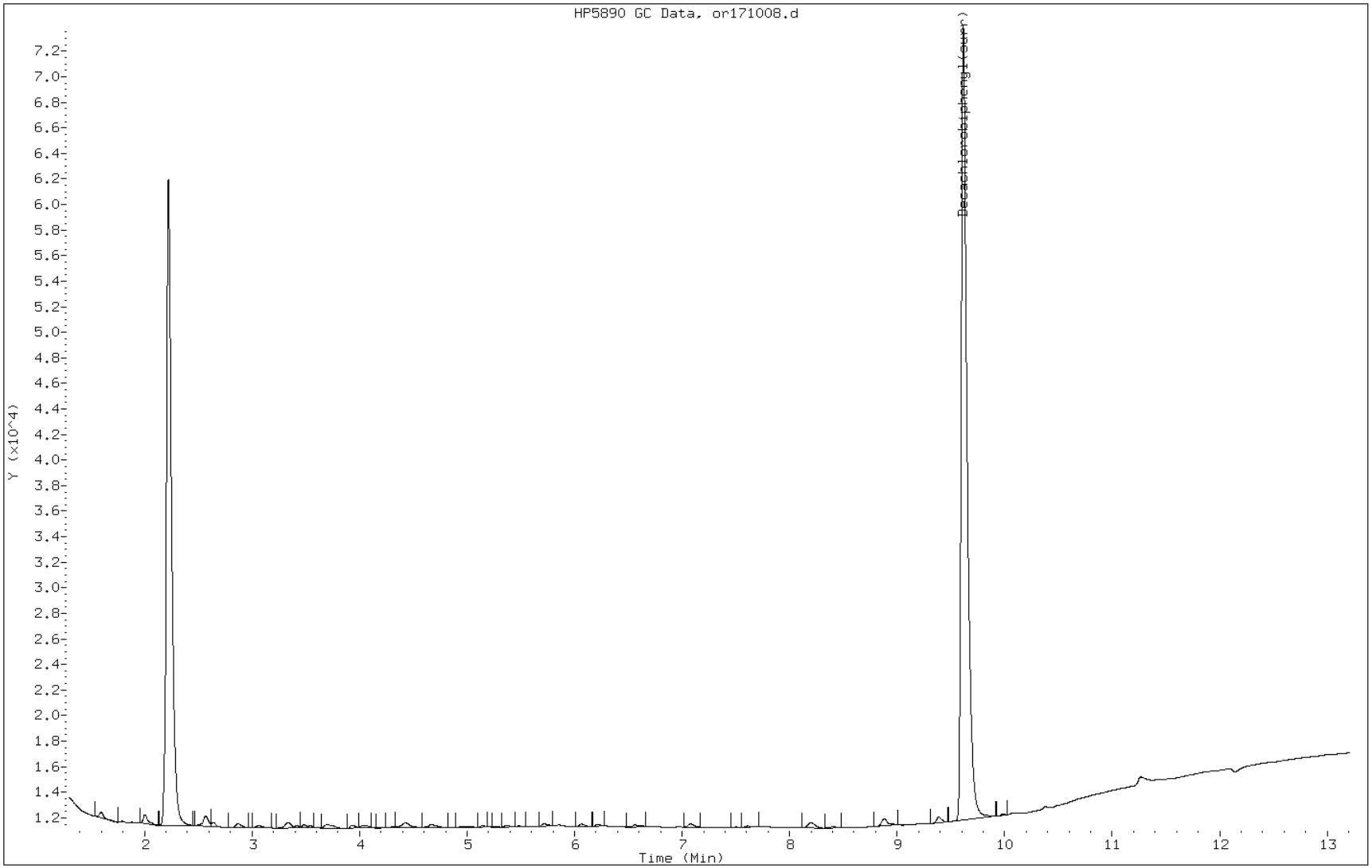
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.617	9.610	0.007	232784	62.7855	44	80.00- 120.00	100.00

Data File: or171008.d

Date: 31-MAR-2011 03:54

Client ID: PMP-21-VD-E (3.5-4) Instrument: PESTGC7.i

Sample Info: 460-24280-F-4-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-WT-E (8-8.5) | Lab Sample ID: 460-24280-5

Matrix: Solid | Lab File ID: of171009.d

Analysis Method: 8082 | Date Collected: 03/17/2011 09:25

Extraction Method: 3541 | Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.03(g) | Date Analyzed: 03/31/2011 04:11

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 15.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69079 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
11096-82-5	Aroclor 1260	28	J	79	8.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	138		30-150

Data File: of171009.d
Report Date: 31-Mar-2011 12:45

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-30-11/30mar11d.b/of171009.d
Lab Smp Id: 460-24280-F-5-A Client Smp ID: PMP-21-WT-E (8-8.5)
Inj Date : 31-MAR-2011 04:11
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-5-A
Misc Info : 460-24280-F-5-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-30-11/30mar11d.b/08Of8082.m
Meth Date : 31-Mar-2011 12:44 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 50
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	15.58245	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
26 Aroclor-1254					CAS #: 11097-69-1		
4.608	4.598	0.010	7115	51.5191	41	80.00- 120.00	100.00(TM)
5.490	5.477	0.013	0			134.34- 201.51	0.00
5.732	5.725	0.007	9334	46.9144	37	115.25- 172.88	131.19
6.190	6.185	0.005	5260	33.7883	27	90.18- 135.27	73.93
6.360	6.353	0.007	7612	23.0295	18	191.47- 287.20	106.99
7.337	7.328	0.009	14158	54.6763	43	150.00- 225.00	198.99
7.717	7.722	-0.005	14139	42.7154	34	191.74- 287.61	198.72
0.000	8.550	-8.550	0			45.43- 68.15	0.00
Average of Peak Concentrations =					33		
27 Aroclor-1260					CAS #: 11096-82-5		
6.660	6.657	0.003	0			80.00- 120.00	0.00(M)

Data File: of171009.d
Report Date: 31-Mar-2011 12:45

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.022	7.017	0.005	0			89.80- 134.70	0.00
7.717	7.715	0.002	14139	33.2481	26	129.87- 194.80	115.32
7.928	7.923	0.005	8775	43.8305	34	61.32- 91.98	71.57
8.050	8.047	0.003	2448	21.2914	17	37.09- 55.63	19.97
8.623	8.618	0.005	8667	38.1990	30	69.65- 104.48	70.69
9.597	9.595	0.002	8947	34.0691	27	125.98- 188.97	72.97
10.208	10.207	0.001	3560	39.4003	31	30.36- 45.54	29.04
		Average of Peak Concentrations =			28		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.700	10.700	0.000	203994	68.7625	54	80.00- 120.00	100.00

QC Flag Legend

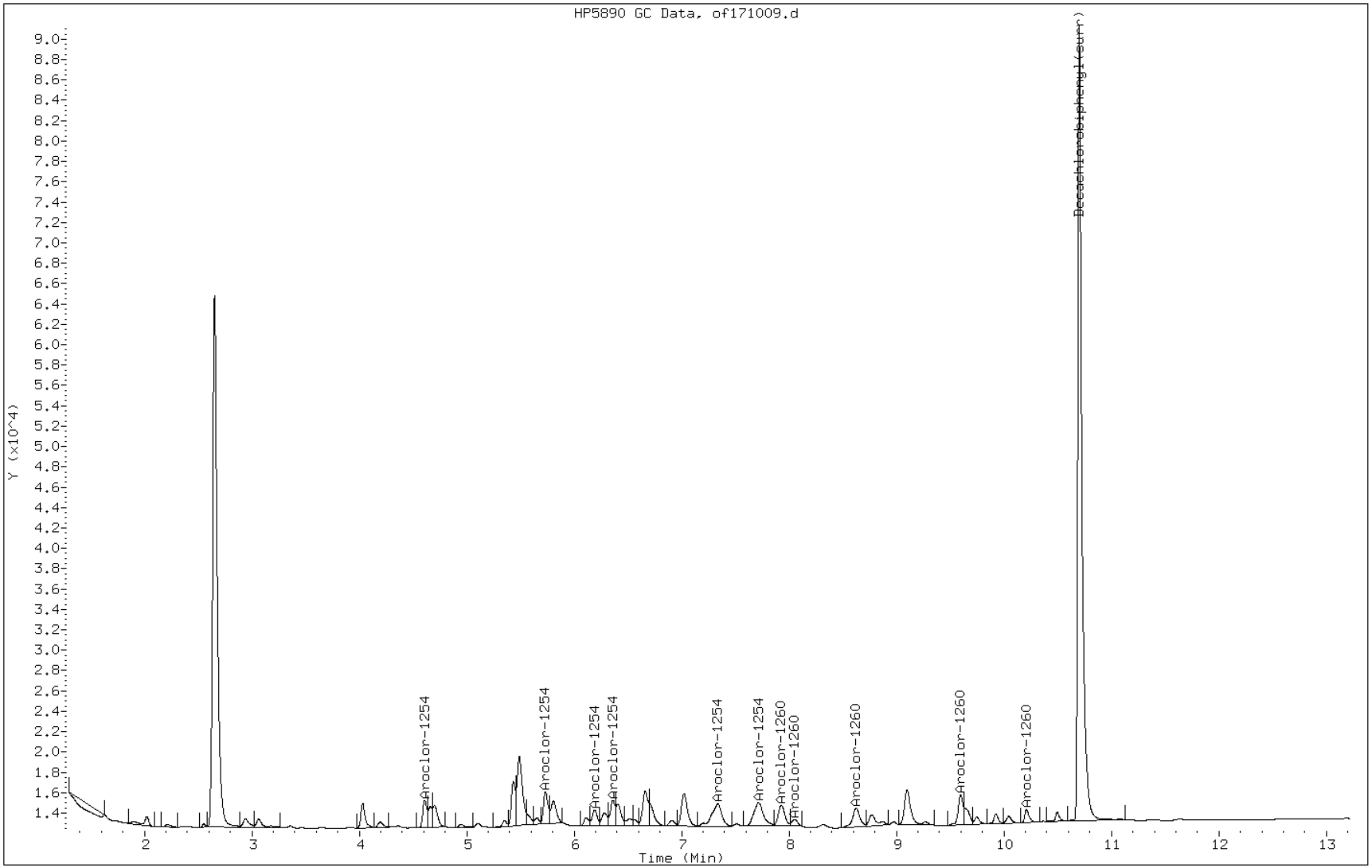
T - Target compound detected outside RT window.
M - Compound response manually integrated.

Data File: of171009.d

Date: 31-MAR-2011 04:11

Client ID: PMP-21-WT-E (8-8.5) Instrument: PESTGC7.i

Sample Info: 460-24280-F-5-A Operator: 615



Manual Integration Report

Data File: of171009.d
Inj. Date and Time: 31-MAR-2011 04:11
Instrument ID: PESTGC7.i
Client ID: PMP-21-WT-E (8-8.5)
Compound: 26 Aroclor-1254
CAS #: 11097-69-1
Report Date: 03/31/2011

Processing Integration Results

Not Detected

Expected RT: 4.60

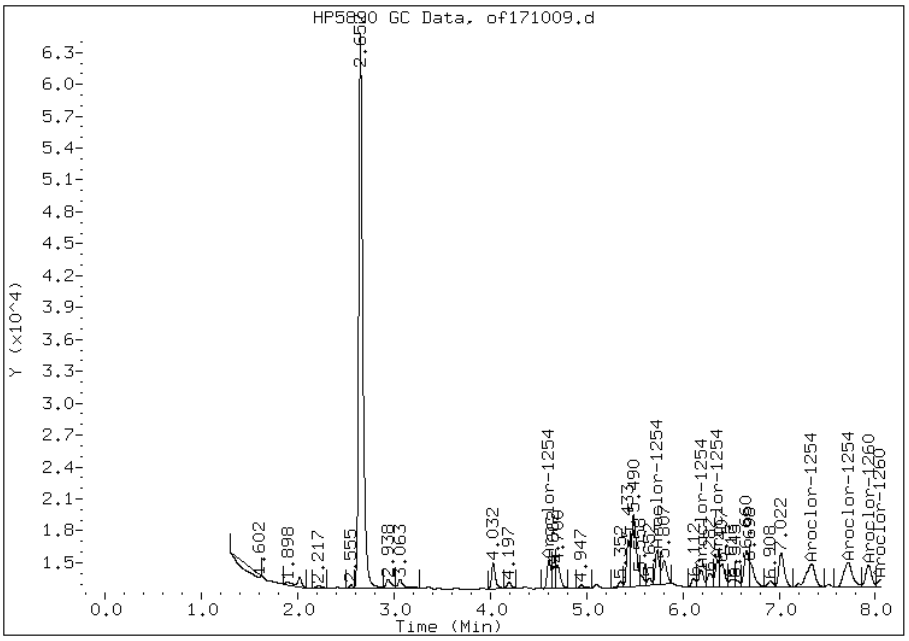
Manual Integration Results

RT: 4.61

Response: 7115

Amount: 42.11

Conc: 33.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of171009.d
Inj. Date and Time: 31-MAR-2011 04:11
Instrument ID: PESTGC7.i
Client ID: PMP-21-WT-E (8-8.5)
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/31/2011

Processing Integration Results

Not Detected

Expected RT: 6.65

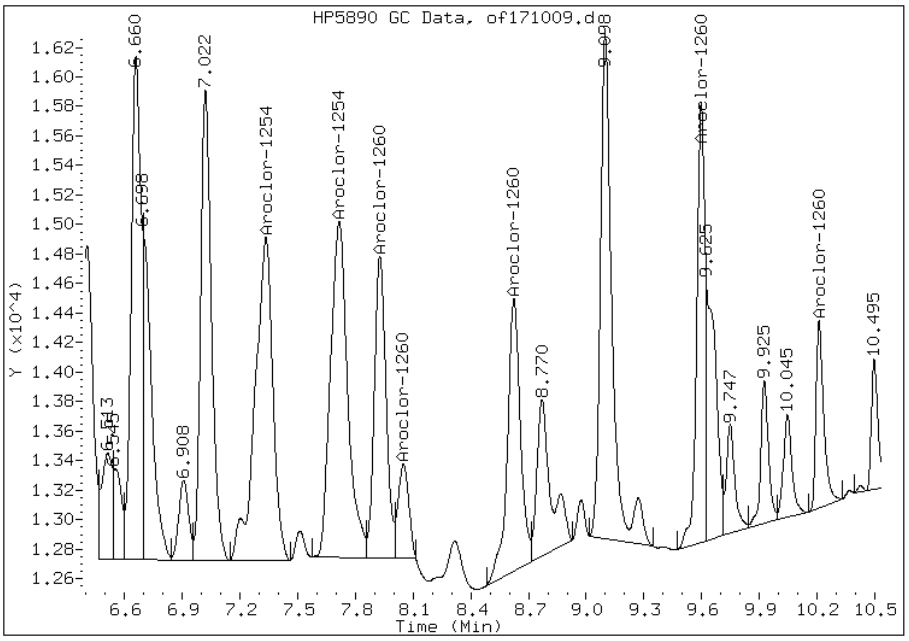
Manual Integration Results

RT: 6.66

Response: 0

Amount: 35.01

Conc: 28.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-WT-E (8-8.5) | Lab Sample ID: 460-24280-5

Matrix: Solid | Lab File ID: or171009.d

Analysis Method: 8082 | Date Collected: 03/17/2011 09:25

Extraction Method: 3541 | Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.03(g) | Date Analyzed: 03/31/2011 04:11

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 15.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69079 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	79	U	79	15
11104-28-2	Aroclor 1221	79	U	79	24
11141-16-5	Aroclor 1232	79	U	79	45
53469-21-9	Aroclor 1242	79	U	79	15
12672-29-6	Aroclor 1248	79	U	79	21
11097-69-1	Aroclor 1254	79	U	79	27
37324-23-5	Aroclor 1262	79	U	79	14
11100-14-4	Aroclor 1268	79	U	79	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	128		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-30-11/30mar11d.b/or171009.d
Lab Smp Id: 460-24280-F-5-A Client Smp ID: PMP-21-WT-E (8-8.5)
Inj Date : 31-MAR-2011 04:11
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-5-A
Misc Info : 460-24280-F-5-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-30-11/30mar11d.b/08Or8082.m
Meth Date : 31-Mar-2011 12:43 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 50
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	15.58245	% Moisture

Cpnd Variable Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
26 Aroclor-1254					CAS #: 11097-69-1		
4.357	4.353	0.004	4364	34.8379	27	80.00- 120.00	100.00(M)
4.433	4.403	0.030	0			92.11- 138.16	0.00
4.665	4.662	0.003	7548	41.8234	33	115.26- 172.89	172.96
4.985	4.990	-0.005	4436	32.4418	26	87.33- 130.99	101.65
5.138	5.138	0.000	4516	16.1761	13	178.29- 267.44	103.48
5.480	5.482	-0.002	4886	22.9716	18	135.84- 203.76	111.96
5.708	5.712	-0.004	0			129.75- 194.62	0.00
6.058	6.065	-0.007	10264	32.5337	26	201.48- 302.23	235.20
Average of Peak Concentrations =					24		
27 Aroclor-1260					CAS #: 11096-82-5		
5.362	5.355	0.007	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)							
5.708	5.702	0.006	0			139.51- 209.27	0.00
6.058	6.055	0.003	10264	30.2077	24	129.05- 193.57	105.65
6.210	6.205	0.005	6086	40.6376	32	58.05- 87.07	62.65
6.560	6.557	0.003	4071	25.7127	20	59.73- 89.59	41.91
7.603	7.600	0.003	3820	17.7845	14	72.56- 108.84	39.33
7.773	7.772	0.001	3496	30.6953	24	47.40- 71.11	35.99
8.960	8.957	0.003	2998	29.8089	23	39.73- 59.59	30.86
Average of Peak Concentrations =					23		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.613	9.610	0.003	238089	64.2164	51	80.00- 120.00	100.00

QC Flag Legend

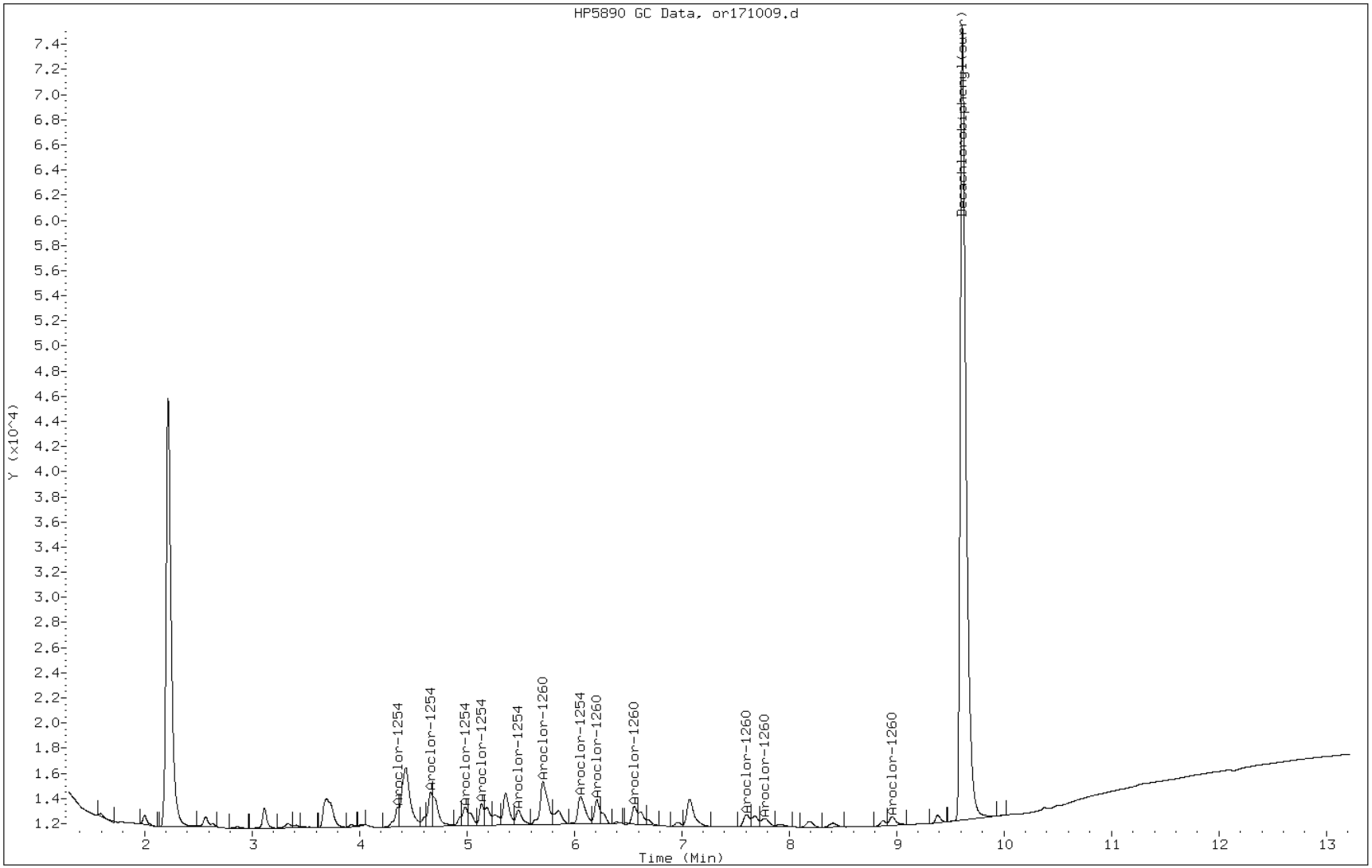
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: or171009.d

Date: 31-MAR-2011 04:11

Client ID: PMP-21-WT-E (8-8.5) Instrument: PESTGC7.i

Sample Info: 460-24280-F-5-A Operator: 615



Manual Integration Report

Data File: or171009.d
Inj. Date and Time: 31-MAR-2011 04:11
Instrument ID: PESTGC7.i
Client ID: PMP-21-WT-E (8-8.5)
Compound: 26 Aroclor-1254
CAS #: 11097-69-1
Report Date: 03/31/2011

Processing Integration Results

Not Detected

Expected RT: 4.35

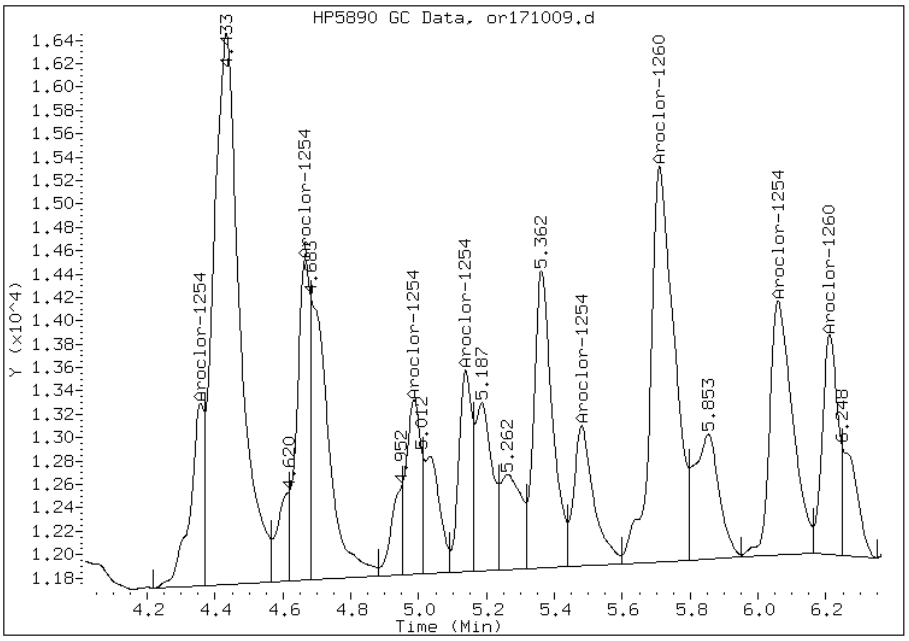
Manual Integration Results

RT: 4.36

Response: 4364

Amount: 30.13

Conc: 24.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or171009.d
Inj. Date and Time: 31-MAR-2011 04:11
Instrument ID: PESTGC7.i
Client ID: PMP-21-WT-E (8-8.5)
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/31/2011

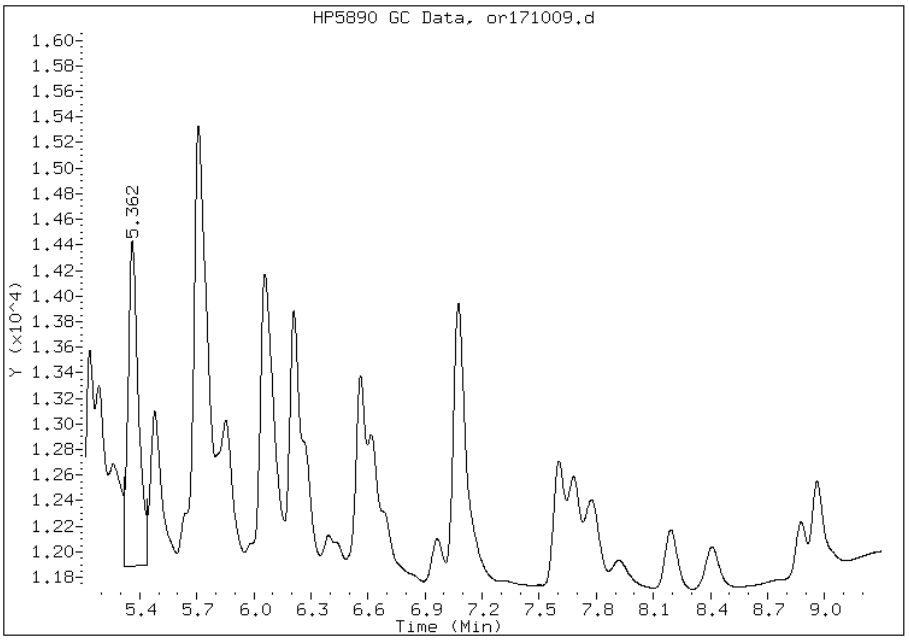
Processing Integration Results

RT: 5.36

Response: 9715

Amount: 31.48

Conc: 25.00



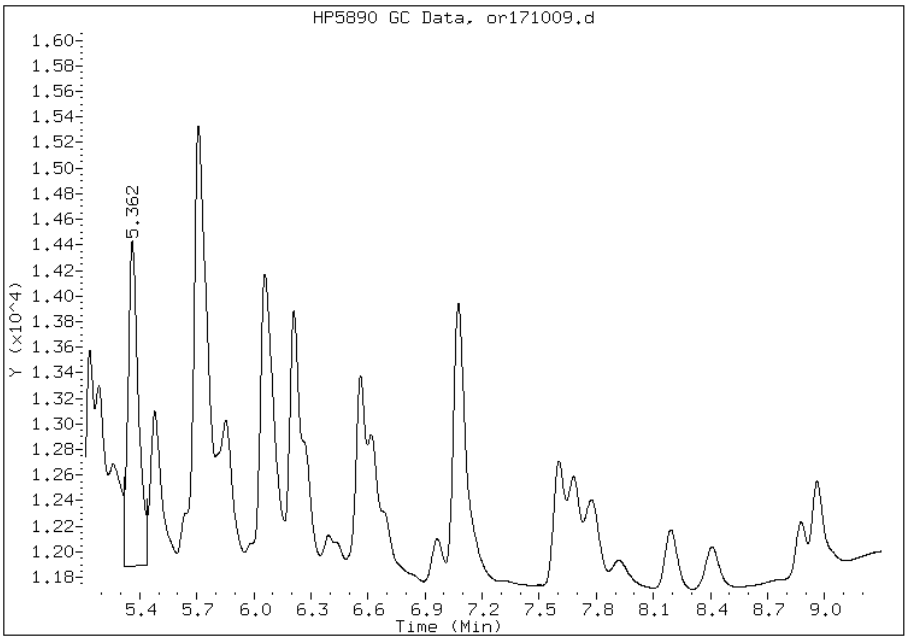
Manual Integration Results

RT: 5.36

Response: 0

Amount: 29.14

Conc: 23.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-SI-E (10.5-11) Lab Sample ID: 460-24280-6

Matrix: Solid Lab File ID: of171010.d

Analysis Method: 8082 Date Collected: 03/17/2011 09:30

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.05(g) Date Analyzed: 03/31/2011 04:27

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69079 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	127		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-30-11/30mar11d.b/of171010.d
Lab Smp Id: 460-24280-F-6-A Client Smp ID: PMP-21-SI-E (10.5-1
Inj Date : 31-MAR-2011 04:27
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-6-A
Misc Info : 460-24280-F-6-A
Comment :
Method : /chem1/PESTGC7.i/8082/front/Mar11/03-30-11/30mar11d.b/08Of8082.m
Meth Date : 31-Mar-2011 12:46 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 51
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	14.24051	% Moisture

Cpnd Variable Local Compound Variable

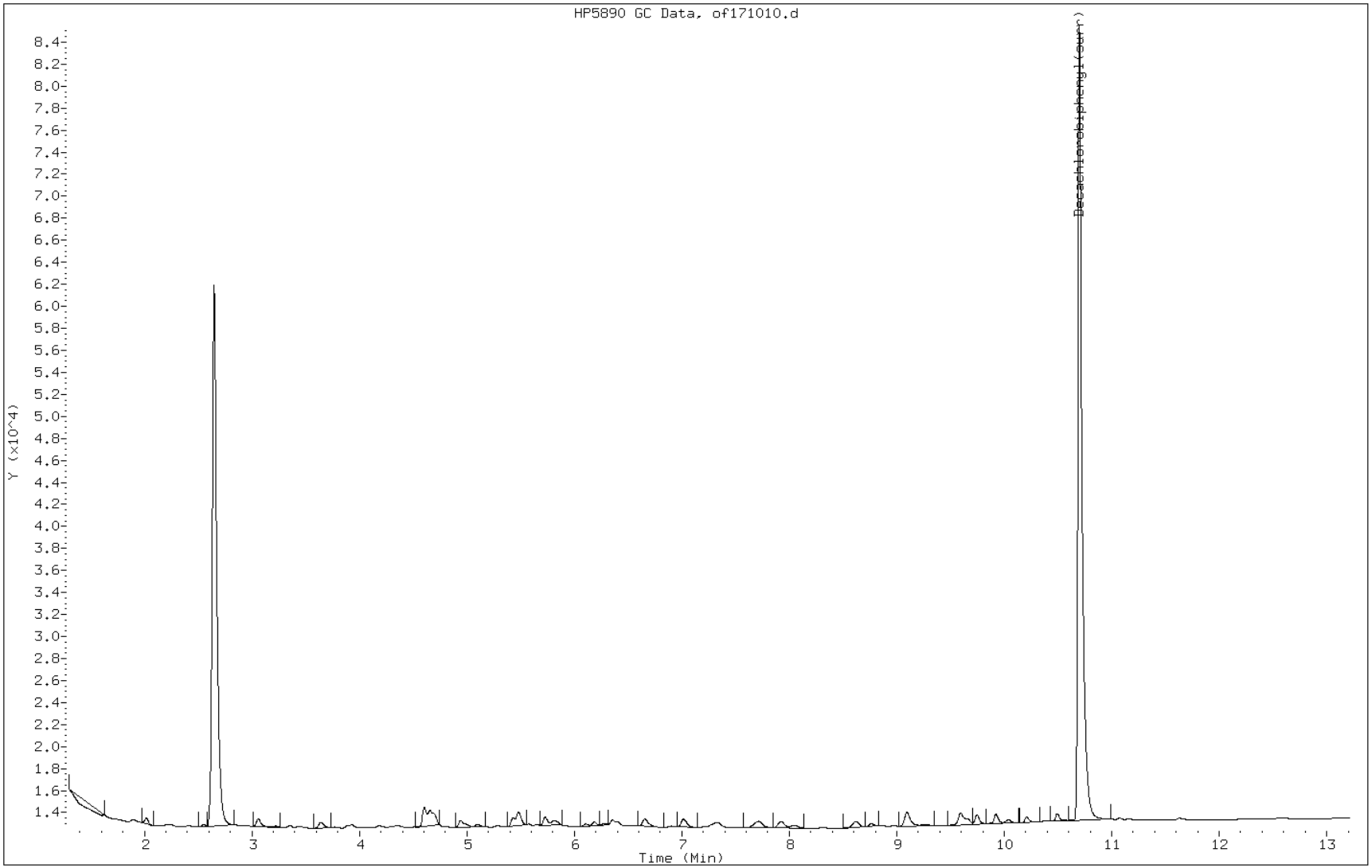
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.698	10.698	0.000	187982	63.3652	49	80.00- 120.00	100.00

Data File: of171010.d

Date: 31-MAR-2011 04:27

Client ID: PMP-21-SI-E (10.5-1 Instrument: PESTGC7.i

Sample Info: 460-24280-F-6-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-SI-E (10.5-11) | Lab Sample ID: 460-24280-6

Matrix: Solid | Lab File ID: or171010.d

Analysis Method: 8082 | Date Collected: 03/17/2011 09:30

Extraction Method: 3541 | Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.05(g) | Date Analyzed: 03/31/2011 04:27

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.2 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69079 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	78	U	78	15
11104-28-2	Aroclor 1221	78	U	78	23
11141-16-5	Aroclor 1232	78	U	78	44
53469-21-9	Aroclor 1242	78	U	78	15
12672-29-6	Aroclor 1248	78	U	78	21
11097-69-1	Aroclor 1254	78	U	78	27
11096-82-5	Aroclor 1260	78	U	78	8.7
37324-23-5	Aroclor 1262	78	U	78	13
11100-14-4	Aroclor 1268	78	U	78	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	119		30-150

Data File: or171010.d
Report Date: 31-Mar-2011 12:49

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-30-11/30mar11d.b/or171010.d
Lab Smp Id: 460-24280-F-6-A Client Smp ID: PMP-21-SI-E (10.5-1
Inj Date : 31-MAR-2011 04:27
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-6-A
Misc Info : 460-24280-F-6-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/rear/Mar11/03-30-11/30mar11d.b/08Or8082.m
Meth Date : 31-Mar-2011 12:43 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 51
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	14.24051	% Moisture

Cpnd Variable Local Compound Variable

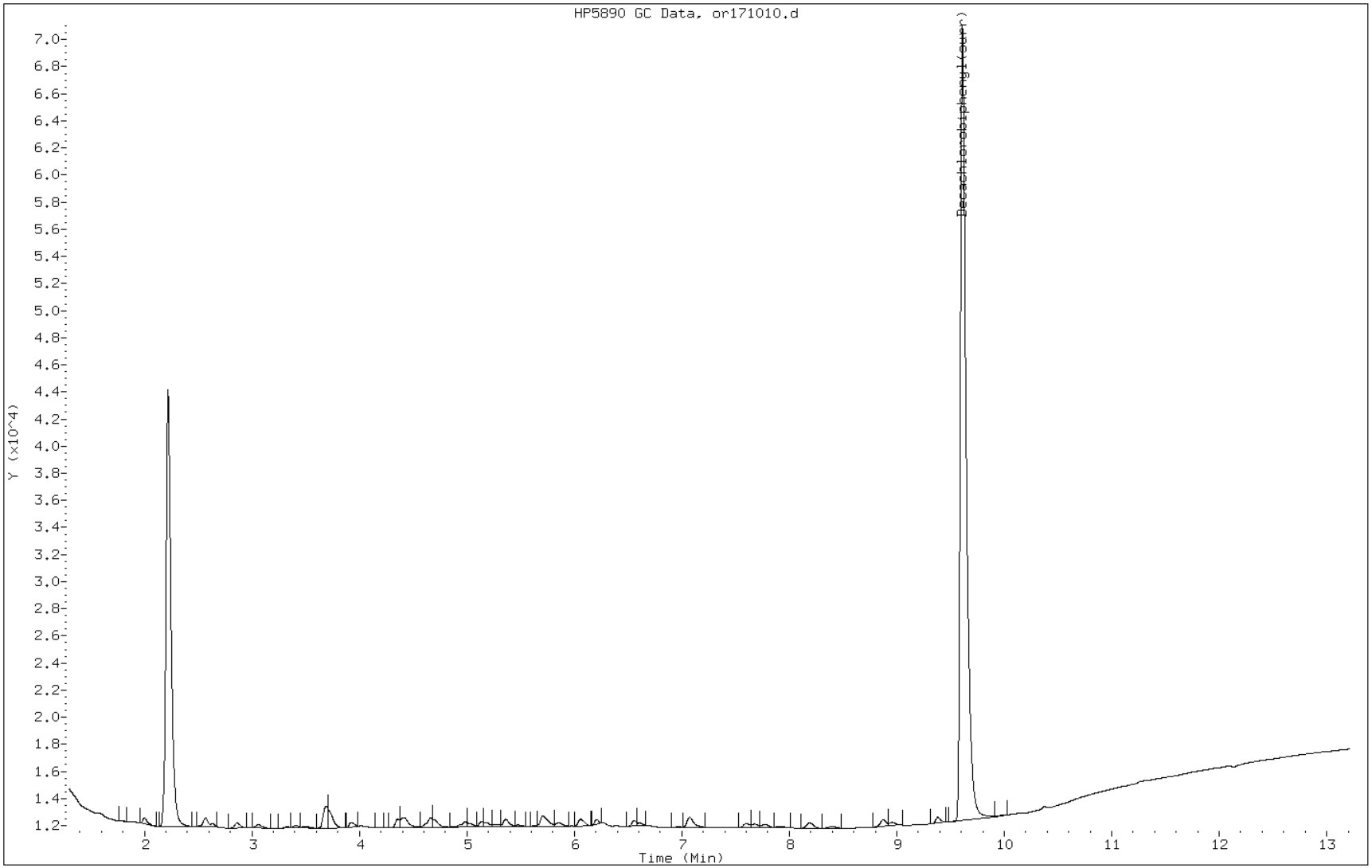
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.612	9.610	0.002	220122	59.3704	46	80.00- 120.00	100.00

Data File: or171010.d

Date: 31-MAR-2011 04:27

Client ID: PMP-21-SI-E (10.5-1 Instrument: PESTGC7.i

Sample Info: 460-24280-F-6-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-1-VD-E (3.5-4.0) Lab Sample ID: 460-24280-7

Matrix: Solid Lab File ID: of171011.d

Analysis Method: 8082 Date Collected: 03/17/2011 09:40

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.01(g) Date Analyzed: 03/31/2011 04:43

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.: 69079 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	139		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-30-11/30mar11d.b/of171011.d
Lab Smp Id: 460-24280-F-7-A Client Smp ID: PMP-1-VD-E (3.5-4.0
Inj Date : 31-MAR-2011 04:43
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-7-A
Misc Info : 460-24280-F-7-A
Comment :
Method : /chem1/PESTGC7.i/8082/front/Mar11/03-30-11/30mar11d.b/08Of8082.m
Meth Date : 31-Mar-2011 12:46 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 52
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	4.75285	% Moisture

Cpnd Variable Local Compound Variable

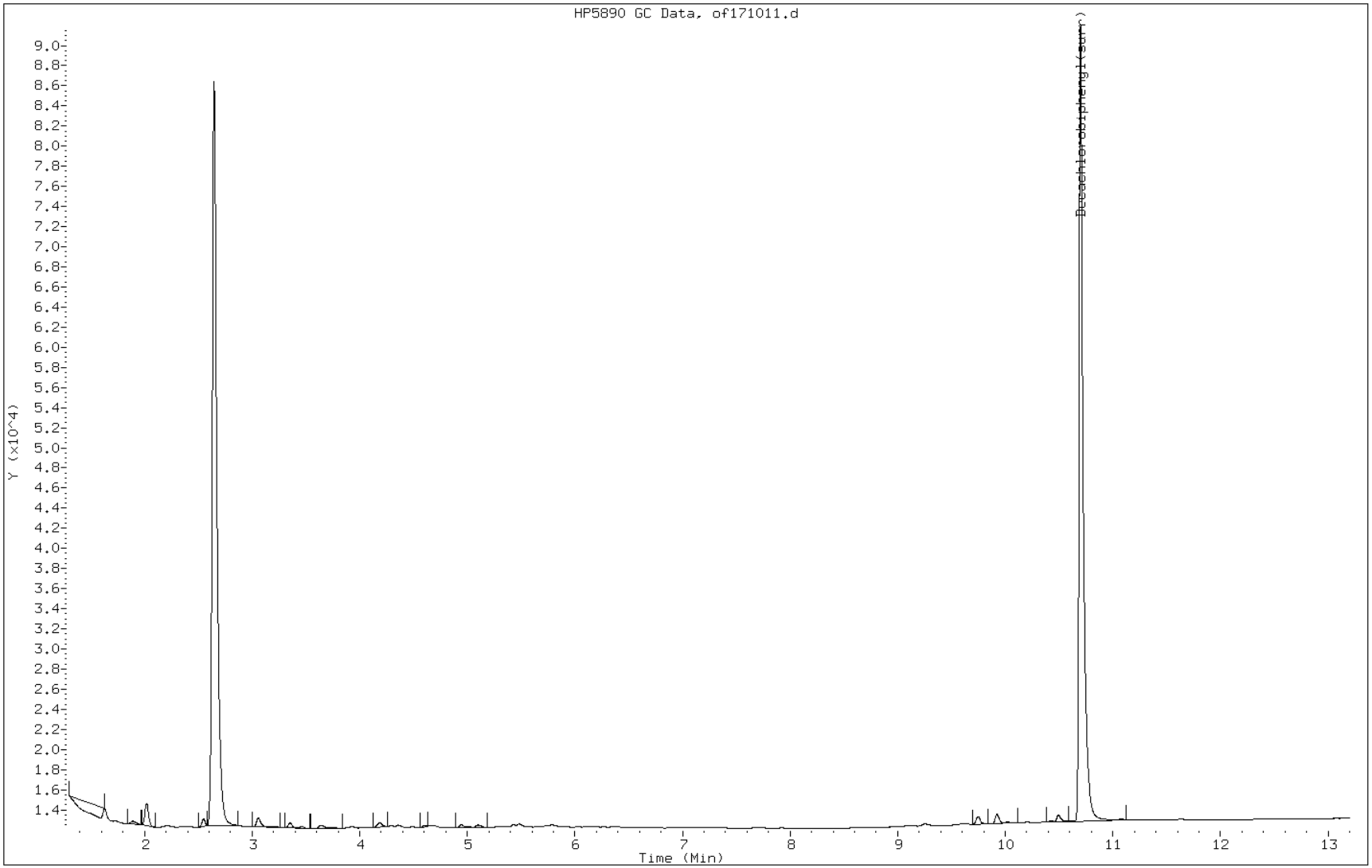
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.700	10.698	0.002	206784	69.7030	49	80.00- 120.00	100.00

Data File: of171011.d

Date: 31-MAR-2011 04:43

Client ID: PMP-1-VD-E (3.5-4.0 Instrument: PESTGC7.i

Sample Info: 460-24280-F-7-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-1-VD-E (3.5-4.0) Lab Sample ID: 460-24280-7

Matrix: Solid Lab File ID: or171011.d

Analysis Method: 8082 Date Collected: 03/17/2011 09:40

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.01(g) Date Analyzed: 03/31/2011 04:43

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.: 69079 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	70	U	70	13
11104-28-2	Aroclor 1221	70	U	70	21
11141-16-5	Aroclor 1232	70	U	70	40
53469-21-9	Aroclor 1242	70	U	70	13
12672-29-6	Aroclor 1248	70	U	70	19
11097-69-1	Aroclor 1254	70	U	70	24
11096-82-5	Aroclor 1260	70	U	70	7.8
37324-23-5	Aroclor 1262	70	U	70	12
11100-14-4	Aroclor 1268	70	U	70	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	130		30-150

Data File: or171011.d
Report Date: 31-Mar-2011 12:49

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-30-11/30mar11d.b/or171011.d
Lab Smp Id: 460-24280-F-7-A Client Smp ID: PMP-1-VD-E (3.5-4.0
Inj Date : 31-MAR-2011 04:43
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-7-A
Misc Info : 460-24280-F-7-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/rear/Mar11/03-30-11/30mar11d.b/08Or8082.m
Meth Date : 31-Mar-2011 12:43 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 52
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	4.75285	% 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		
9.612	9.610	0.002	241563	65.1534	46	80.00- 120.00	100.00(H)

QC Flag Legend

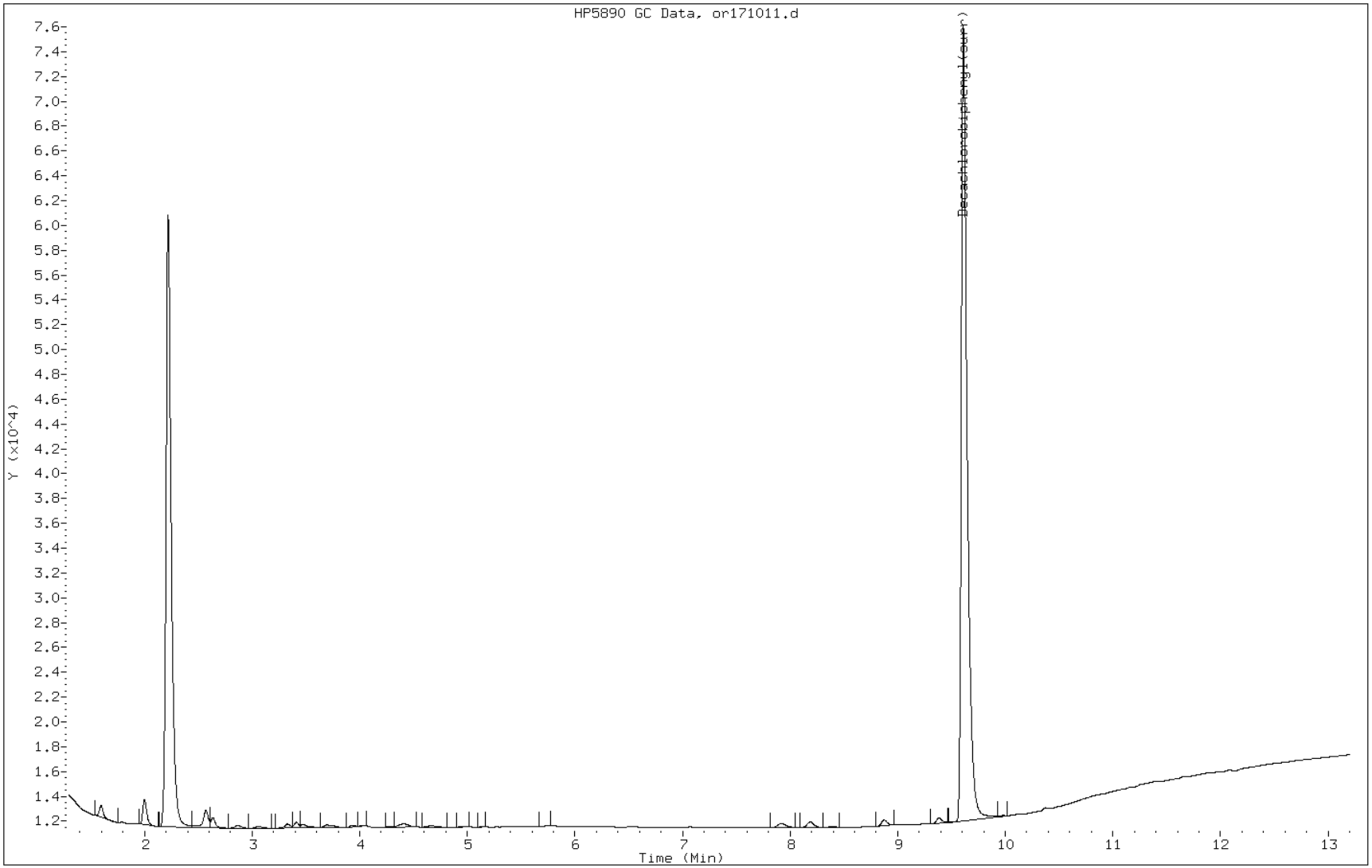
H - Operator selected an alternate compound hit.

Data File: or171011.d

Date: 31-MAR-2011 04:43

Client ID: PMP-1-VD-E (3.5-4.0 Instrument: PESTGC7.i

Sample Info: 460-24280-F-7-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-1-WT-E (8-8.5) Lab Sample ID: 460-24280-8

Matrix: Solid Lab File ID: of171012.d

Analysis Method: 8082 Date Collected: 03/17/2011 09:45

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.00(g) Date Analyzed: 03/31/2011 04:59

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.: 69079 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	122		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-30-11/30mar11d.b/of171012.d
Lab Smp Id: 460-24280-F-8-A Client Smp ID: PMP-1-WT-E (8-8.5)
Inj Date : 31-MAR-2011 04:59
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-8-A
Misc Info : 460-24280-F-8-A
Comment :
Method : /chem1/PESTGC7.i/8082/front/Mar11/03-30-11/30mar11d.b/08Of8082.m
Meth Date : 31-Mar-2011 12:46 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 53
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	11.28571	% 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		
10.700	10.698	0.002	180468	60.8324	46	80.00- 120.00	100.00(H)

QC Flag Legend

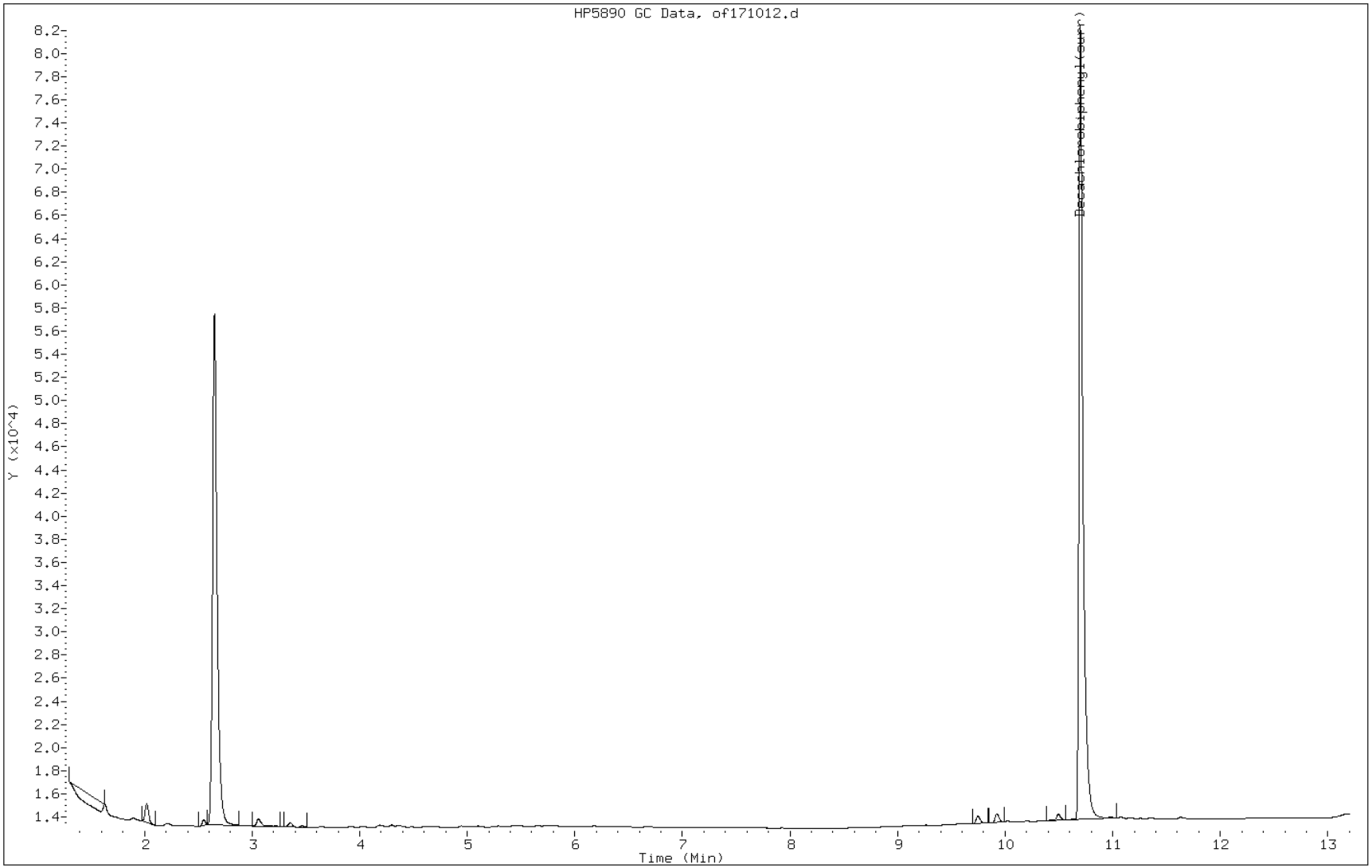
H - Operator selected an alternate compound hit.

Data File: of171012.d

Date: 31-MAR-2011 04:59

Client ID: PMP-1-WT-E (8-8.5) Instrument: PESTGC7.i

Sample Info: 460-24280-F-8-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-1-WT-E (8-8.5) Lab Sample ID: 460-24280-8

Matrix: Solid Lab File ID: or171012.d

Analysis Method: 8082 Date Collected: 03/17/2011 09:45

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.00(g) Date Analyzed: 03/31/2011 04:59

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.: 69079 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	76	U	76	14
11104-28-2	Aroclor 1221	76	U	76	23
11141-16-5	Aroclor 1232	76	U	76	43
53469-21-9	Aroclor 1242	76	U	76	14
12672-29-6	Aroclor 1248	76	U	76	20
11097-69-1	Aroclor 1254	76	U	76	26
11096-82-5	Aroclor 1260	76	U	76	8.4
37324-23-5	Aroclor 1262	76	U	76	13
11100-14-4	Aroclor 1268	76	U	76	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	113		30-150

Data File: or171012.d
Report Date: 31-Mar-2011 12:49

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-30-11/30mar11d.b/or171012.d
Lab Smp Id: 460-24280-F-8-A Client Smp ID: PMP-1-WT-E (8-8.5)
Inj Date : 31-MAR-2011 04:59
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-8-A
Misc Info : 460-24280-F-8-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/rear/Mar11/03-30-11/30mar11d.b/08Or8082.m
Meth Date : 31-Mar-2011 12:43 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 53
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	11.28571	% Moisture

Cpnd Variable Local Compound Variable

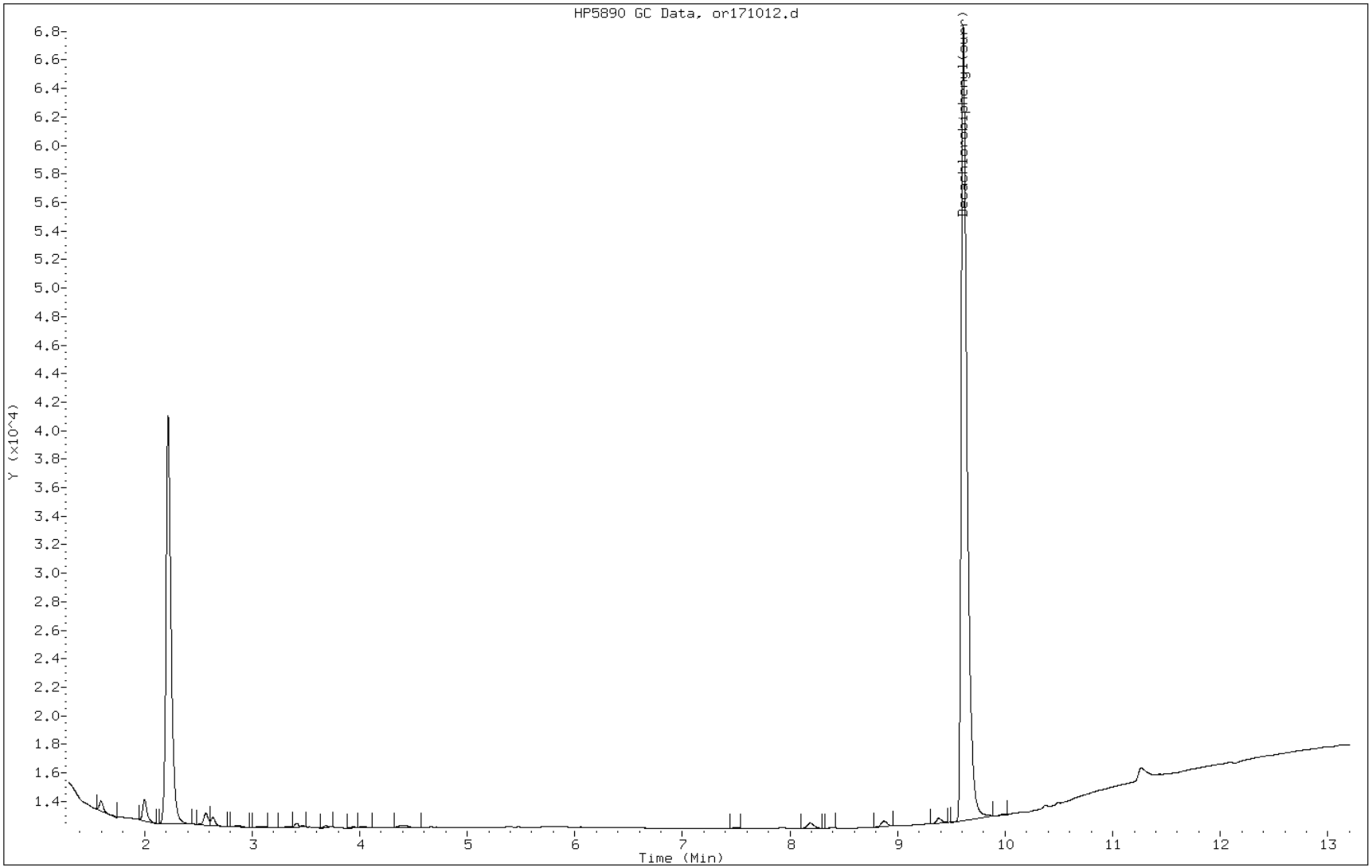
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.612	9.610	0.002	209592	56.5303	42	80.00- 120.00	100.00

Data File: or171012.d

Date: 31-MAR-2011 04:59

Client ID: PMP-1-WT-E (8-8.5) Instrument: PESTGC7.i

Sample Info: 460-24280-F-8-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-1-SI-E (10.5-11.0) Lab Sample ID: 460-24280-9

Matrix: Solid Lab File ID: of171013.d

Analysis Method: 8082 Date Collected: 03/17/2011 09:50

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.02(g) Date Analyzed: 03/31/2011 05:15

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 13.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69079 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	132		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-30-11/30mar11d.b/of171013.d
Lab Smp Id: 460-24280-F-9-A Client Smp ID: PMP-1-SI-E (10.5-11
Inj Date : 31-MAR-2011 05:15
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-9-A
Misc Info : 460-24280-F-9-A
Comment :
Method : /chem1/PESTGC7.i/8082/front/Mar11/03-30-11/30mar11d.b/08Of8082.m
Meth Date : 31-Mar-2011 12:46 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 54
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	13.38583	% Moisture

Cpnd Variable Local Compound Variable

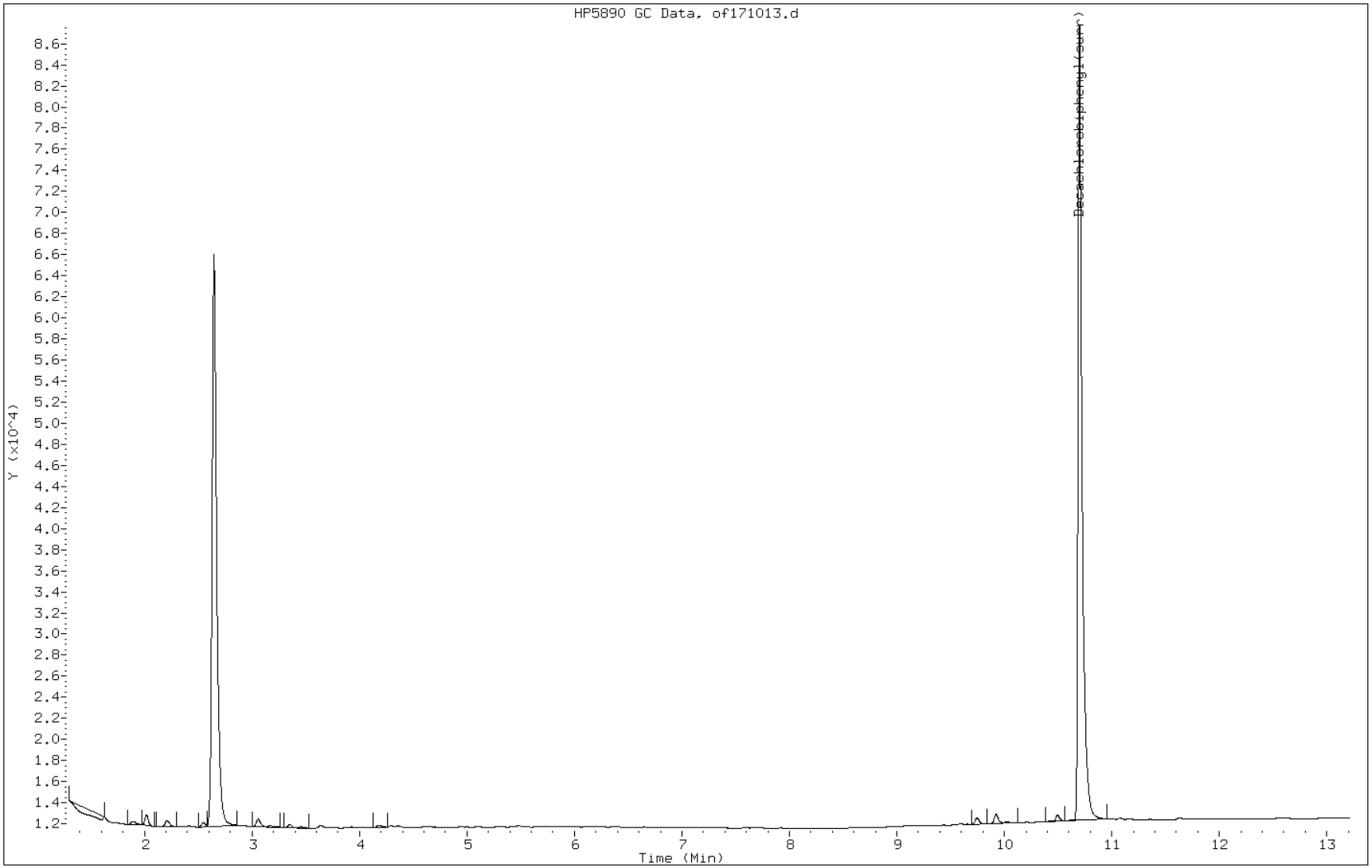
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.698	10.698	0.000	195881	66.0278	51	80.00- 120.00	100.00

Data File: of171013.d

Date: 31-MAR-2011 05:15

Client ID: PMP-1-SI-E (10.5-11 Instrument: PESTGC7.i

Sample Info: 460-24280-F-9-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-1-SI-E (10.5-11.0) | Lab Sample ID: 460-24280-9

Matrix: Solid | Lab File ID: or171013.d

Analysis Method: 8082 | Date Collected: 03/17/2011 09:50

Extraction Method: 3541 | Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.02(g) | Date Analyzed: 03/31/2011 05:15

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 13.4 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69079 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	77	U	77	15
11104-28-2	Aroclor 1221	77	U	77	23
11141-16-5	Aroclor 1232	77	U	77	44
53469-21-9	Aroclor 1242	77	U	77	15
12672-29-6	Aroclor 1248	77	U	77	21
11097-69-1	Aroclor 1254	77	U	77	26
11096-82-5	Aroclor 1260	77	U	77	8.6
37324-23-5	Aroclor 1262	77	U	77	13
11100-14-4	Aroclor 1268	77	U	77	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	124		30-150

Data File: or171013.d
Report Date: 31-Mar-2011 12:49

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-30-11/30mar11d.b/or171013.d
Lab Smp Id: 460-24280-F-9-A Client Smp ID: PMP-1-SI-E (10.5-11
Inj Date : 31-MAR-2011 05:15
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-9-A
Misc Info : 460-24280-F-9-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/rear/Mar11/03-30-11/30mar11d.b/08Or8082.m
Meth Date : 31-Mar-2011 12:43 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 54
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	13.38583	% Moisture

Cpnd Variable Local Compound Variable

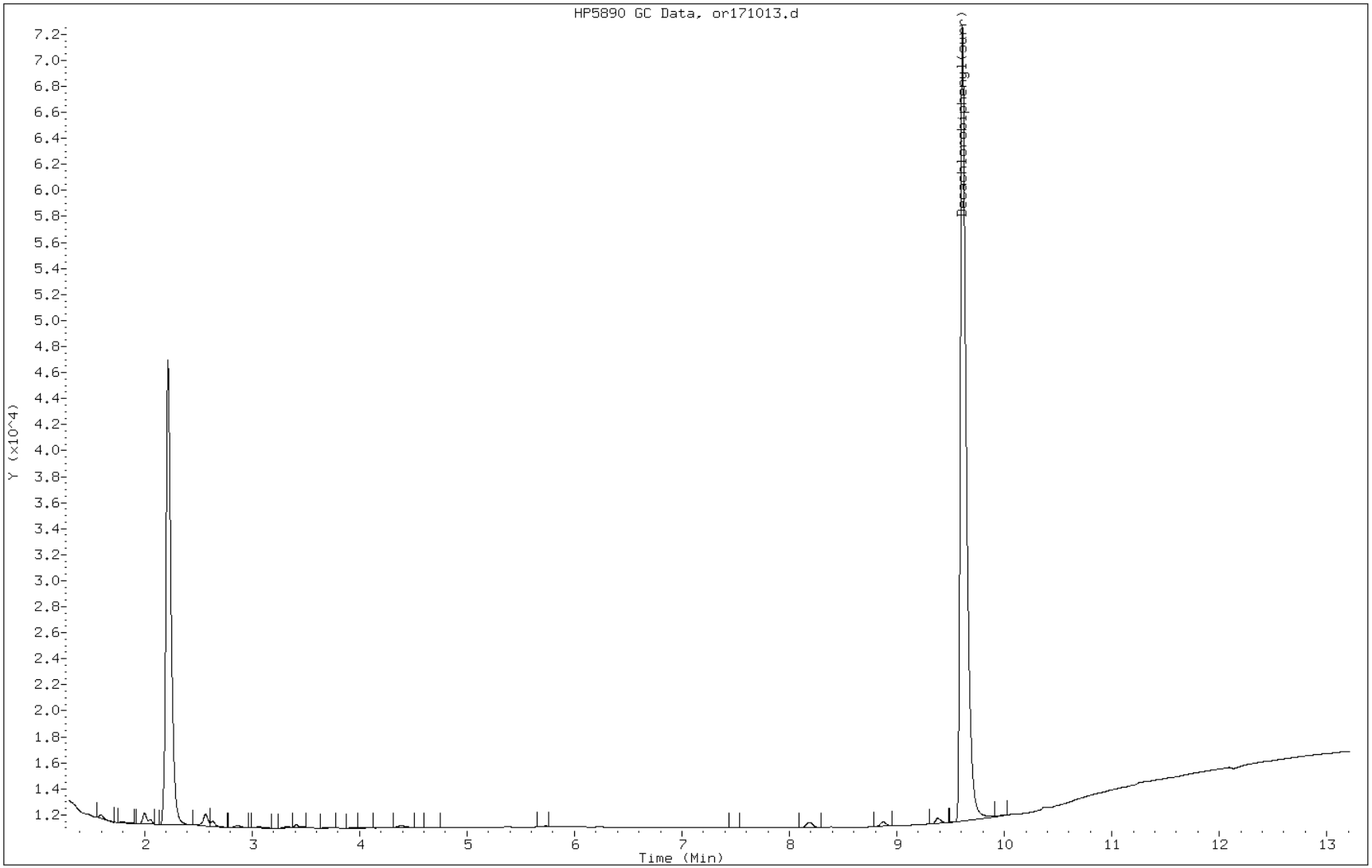
				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.610	9.610	0.000	230349	62.1288	48	80.00- 120.00	100.00

Data File: or171013.d

Date: 31-MAR-2011 05:15

Client ID: PMP-1-SI-E (10.5-11 Instrument: PESTGC7.i

Sample Info: 460-24280-F-9-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-VS-E (1-3) Lab Sample ID: 460-24280-10

Matrix: Solid Lab File ID: of171049.d

Analysis Method: 8082 Date Collected: 03/17/2011 10:25

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.03(g) Date Analyzed: 03/31/2011 16:01

Con. Extract Vol.: 10(mL) Dilution Factor: 2500

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 8.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69122 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	2800000		180000	35000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*D X*	30-150

Data File: of171049.d
Report Date: 31-Mar-2011 17:53

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11a.b/of171049.d
Lab Smp Id: 460-24280-F-10-A Client Smp ID: PMP-24-VS-E (1-3)
Inj Date : 31-MAR-2011 16:01
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-10-A
Misc Info : 460-24280-F-10-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11a.b/08Of8082.m
Meth Date : 31-Mar-2011 10:47 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 5
Dil Factor: 2500.00000
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	2500.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	8.51735	% 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		
3.173	3.160	0.013	131099	1526.72	2800000	80.00- 120.00	100.00(M)
3.645	3.633	0.012	252737	1539.14	2800000	152.98- 229.47	192.78
3.930	3.922	0.008	124982	1542.96	2800000	75.46- 113.20	95.33
4.188	4.180	0.008	468239	1544.35	2800000	282.47- 423.70	357.16
4.358	4.350	0.008	207015	1596.18	2900000	120.83- 181.24	157.91
4.605	4.598	0.007	104213	1596.18	2900000	60.83- 91.24	79.49
5.102	5.097	0.005	211264	1731.08	3100000	113.70- 170.55	161.15
5.430	5.425	0.005	127402	1440.07	2600000	82.42- 123.63	97.18

Average of Peak Concentrations = 2800000

Data File: of171049.d
Report Date: 31-Mar-2011 17:53

QC Flag Legend

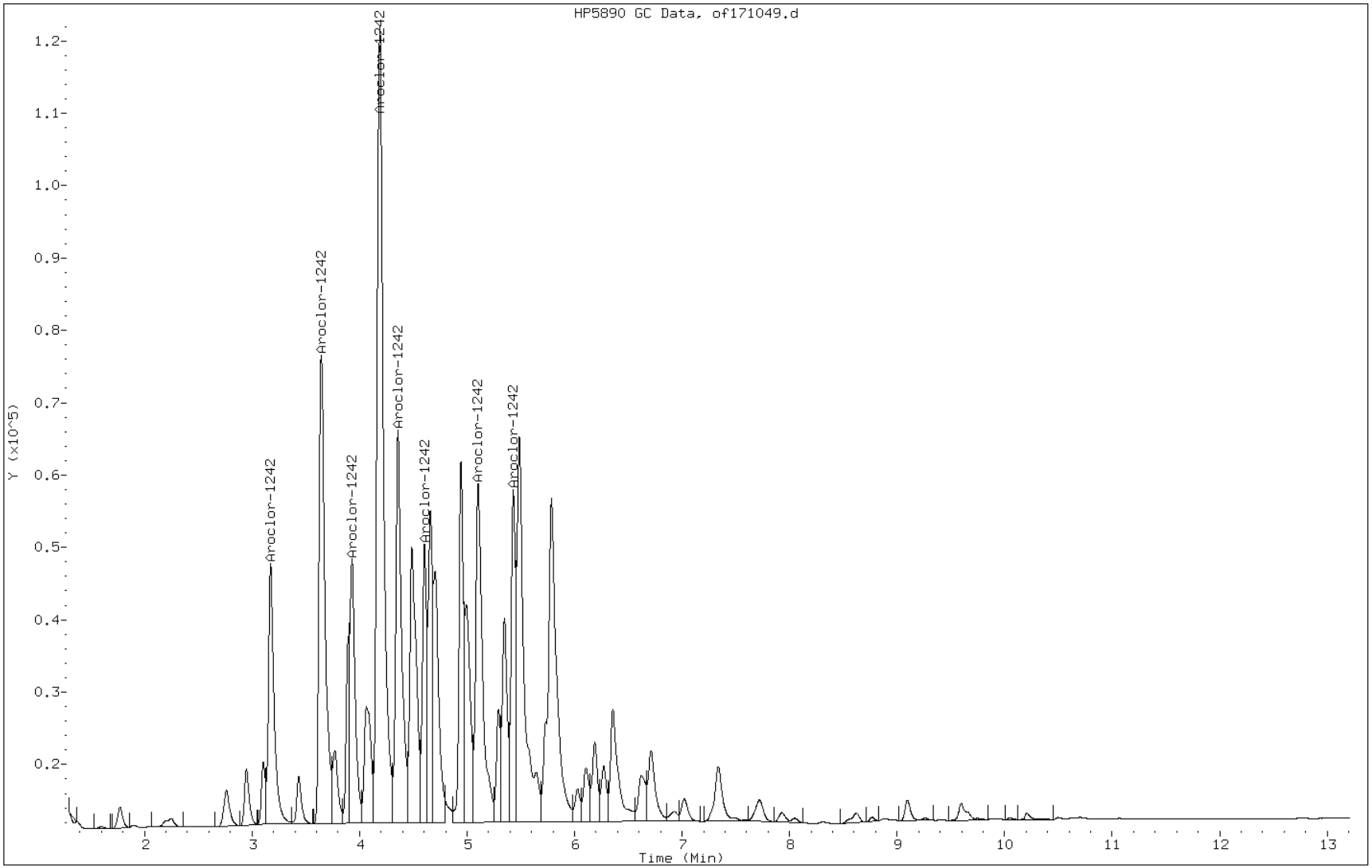
M - Compound response manually integrated.

Data File: of171049.d

Date: 31-MAR-2011 16:01

Client ID: PMP-24-VS-E (1-3) Instrument: PESTGC7.i

Sample Info: 460-24280-F-10-A Operator: 615



Manual Integration Report

Data File: of171049.d
Inj. Date and Time: 31-MAR-2011 16:01
Instrument ID: PESTGC7.i
Client ID: PMP-24-VS-E (1-3)
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/31/2011

Processing Integration Results

Not Detected

Expected RT: 3.16

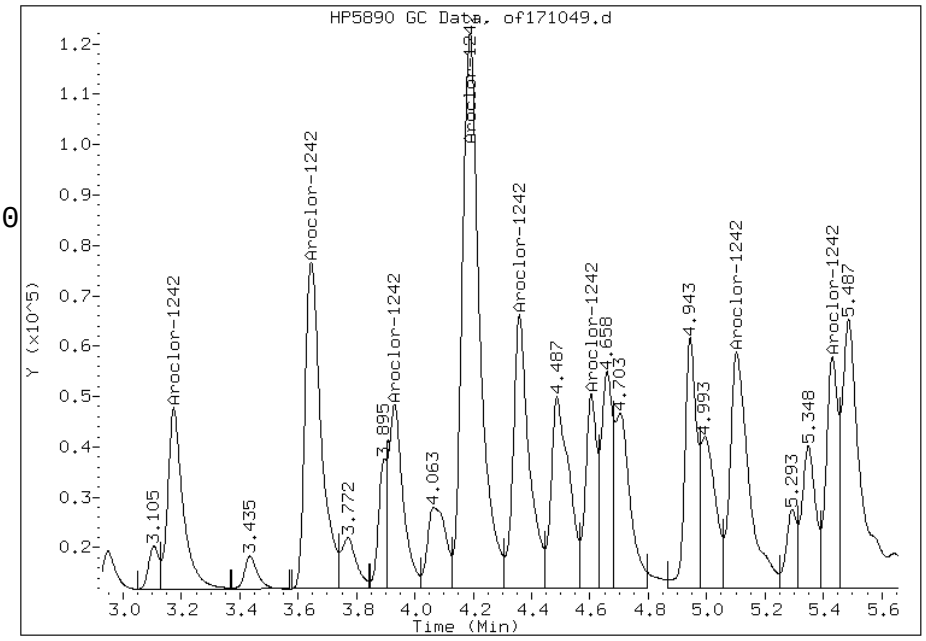
Manual Integration Results

RT: 3.17

Response: 131099

Amount: 1564.59

Conc: 2800000.00



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-VS-E (1-3) Lab Sample ID: 460-24280-10

Matrix: Solid Lab File ID: or171049.d

Analysis Method: 8082 Date Collected: 03/17/2011 10:25

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.03(g) Date Analyzed: 03/31/2011 16:01

Con. Extract Vol.: 10(mL) Dilution Factor: 2500

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 8.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69122 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	180000	U	180000	35000
11104-28-2	Aroclor 1221	180000	U	180000	55000
11141-16-5	Aroclor 1232	180000	U	180000	100000
12672-29-6	Aroclor 1248	180000	U	180000	49000
11097-69-1	Aroclor 1254	180000	U	180000	62000
11096-82-5	Aroclor 1260	180000	U	180000	20000
37324-23-5	Aroclor 1262	180000	U	180000	31000
11100-14-4	Aroclor 1268	180000	U	180000	31000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	D X	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11a.b/or171049.d
Lab Smp Id: 460-24280-F-10-A Client Smp ID: PMP-24-VS-E (1-3)
Inj Date : 31-MAR-2011 16:01
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-10-A
Misc Info : 460-24280-F-10-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11a.b/08Or8082.m
Meth Date : 31-Mar-2011 10:45 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 5
Dil Factor: 2500.00000
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	2500.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	8.51735	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.525	2.512	0.013	119333	1412.98	2600000	80.00- 120.00	100.00(M)
2.862	2.852	0.010	199894	1464.05	2700000	129.33- 194.00	167.51
3.060	3.052	0.008	152880	1571.08	2800000	92.18- 138.26	128.11
3.330	3.323	0.007	434780	1552.75	2800000	265.24- 397.85	364.34
3.478	3.470	0.008	147438	1458.94	2600000	95.73- 143.59	123.55
3.693	3.692	0.001	268771	1407.02	2600000	180.95- 271.42	225.23
3.925	3.922	0.003	162523	1428.55	2600000	107.77- 161.65	136.19
4.663	4.667	-0.004	214259	2034.59	3700000	99.75- 149.63	179.55

Average of Peak Concentrations = 2800000

QC Flag Legend

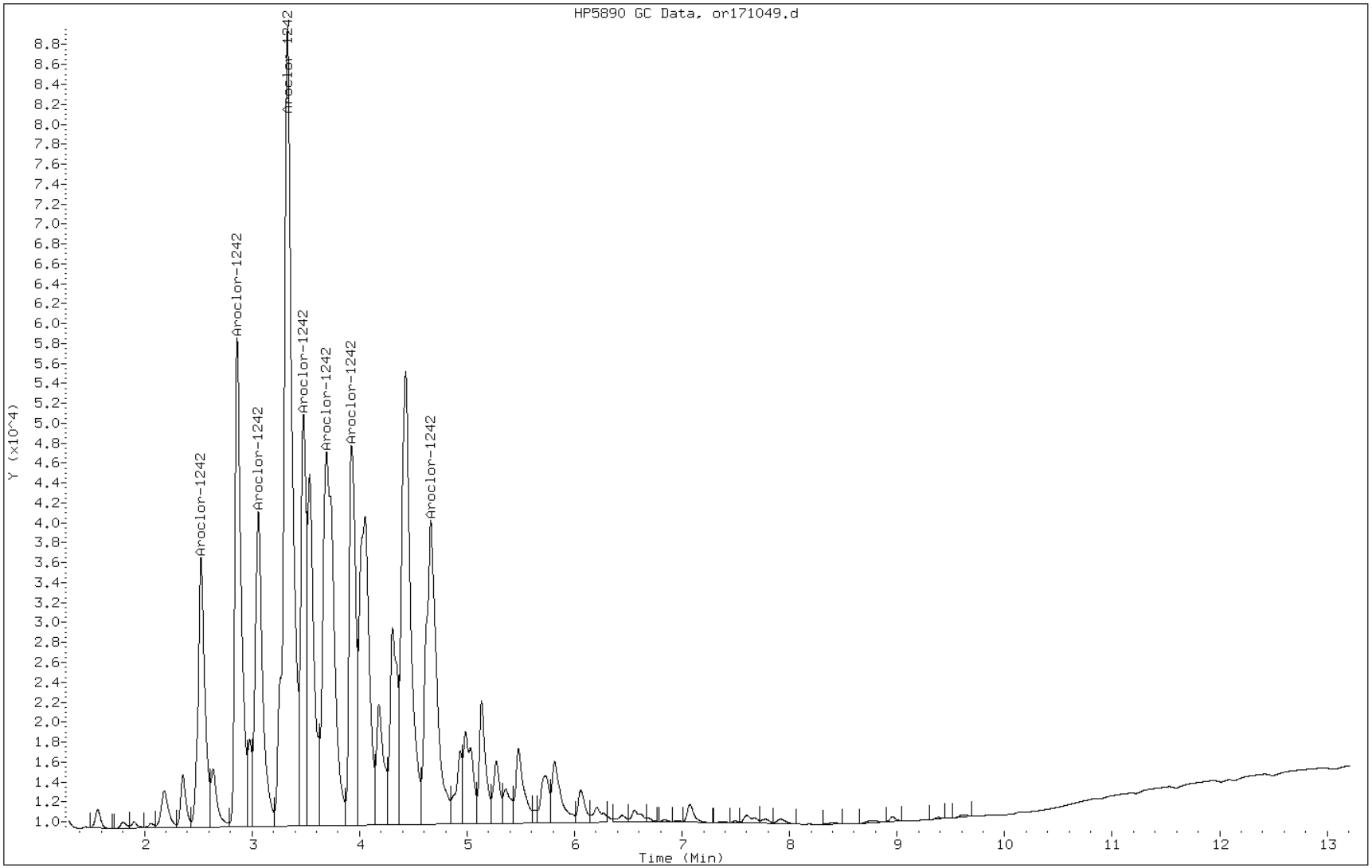
M - Compound response manually integrated.

Data File: or171049.d

Date: 31-MAR-2011 16:01

Client ID: PMP-24-VS-E (1-3) Instrument: PESTGC7.i

Sample Info: 460-24280-F-10-A Operator: 615



Manual Integration Report

Data File: or171049.d
Inj. Date and Time: 31-MAR-2011 16:01
Instrument ID: PESTGC7.i
Client ID: PMP-24-VS-E (1-3)
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/31/2011

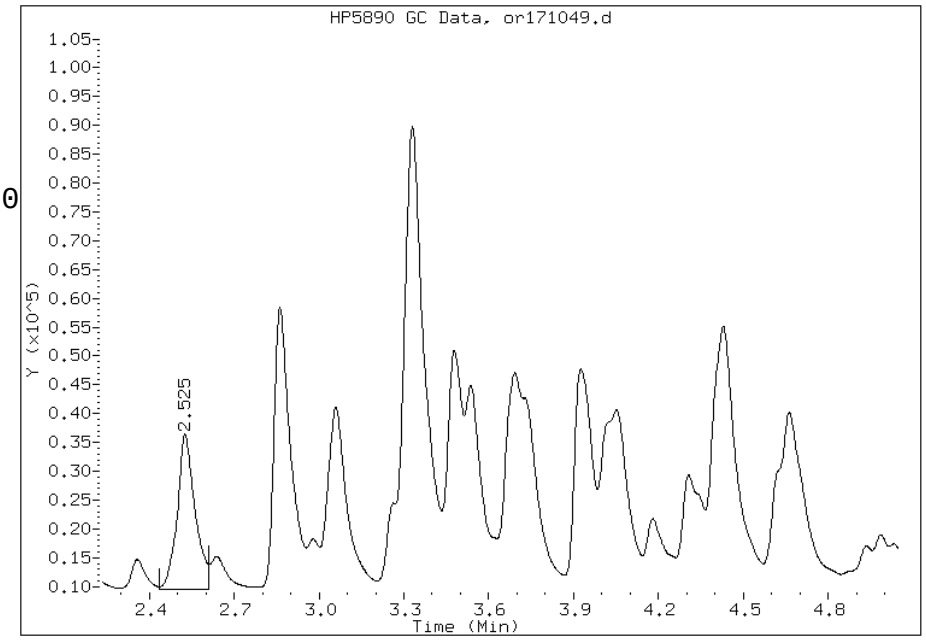
Processing Integration Results

RT: 2.52

Response: 118062

Amount: 1514.71

Conc: 2800000.00



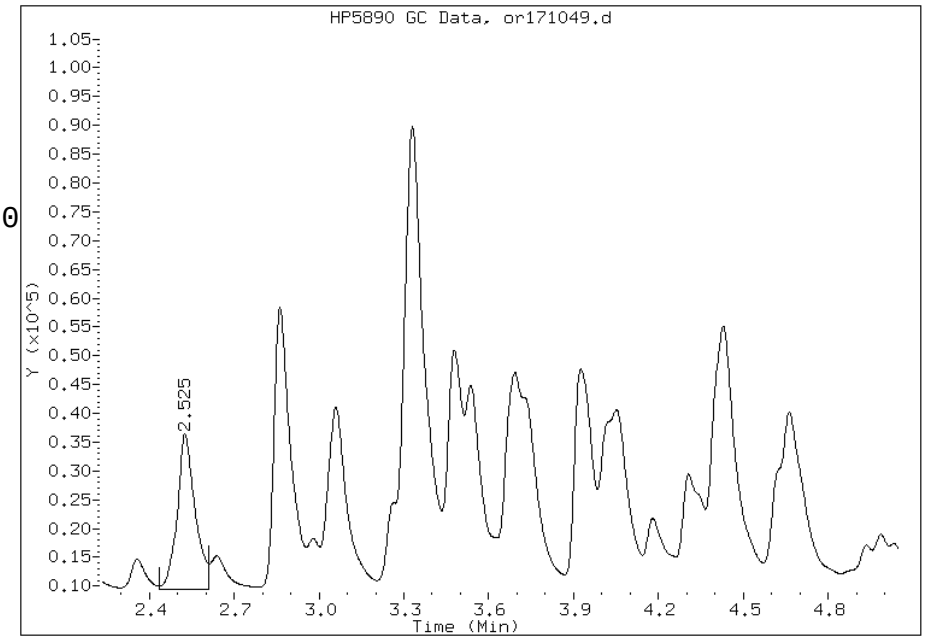
Manual Integration Results

RT: 2.52

Response: 119333

Amount: 1541.24

Conc: 2800000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-VD-E (4.5-6.5) Lab Sample ID: 460-24280-11

Matrix: Solid Lab File ID: of171050.d

Analysis Method: 8082 Date Collected: 03/17/2011 10:30

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.04(g) Date Analyzed: 03/31/2011 16:18

Con. Extract Vol.: 10(mL) Dilution Factor: 10000

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 10.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69122 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	14000000		750000	140000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*D X*	30-150

Data File: of171050.d
Report Date: 31-Mar-2011 17:54

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11a.b/of171050.d
Lab Smp Id: 460-24280-F-11-A Client Smp ID: PMP-24-VD-E (4.5-6.
Inj Date : 31-MAR-2011 16:18
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-11-A
Misc Info : 460-24280-F-11-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11a.b/08Of8082.m
Meth Date : 31-Mar-2011 10:47 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 6
Dil Factor: 10000.00000
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	10000.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	10.59850	% 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		
3.172	3.160	0.012	153248	1784.66	13000000	80.00- 120.00	100.00(M)
3.643	3.633	0.010	292503	1781.31	13000000	152.98- 229.47	190.87
3.928	3.922	0.006	153397	1893.75	14000000	75.46- 113.20	100.10
4.187	4.180	0.007	546875	1803.71	13000000	282.47- 423.70	356.86
4.355	4.350	0.005	240040	1850.82	14000000	120.83- 181.24	156.63
4.602	4.598	0.004	118394	1813.39	13000000	60.83- 91.24	77.26
5.100	5.097	0.003	246071	2016.29	15000000	113.70- 170.55	160.57
5.428	5.425	0.003	150677	1703.15	13000000	82.42- 123.63	98.32

Average of Peak Concentrations = 14000000

Data File: of171050.d
Report Date: 31-Mar-2011 17:54

QC Flag Legend

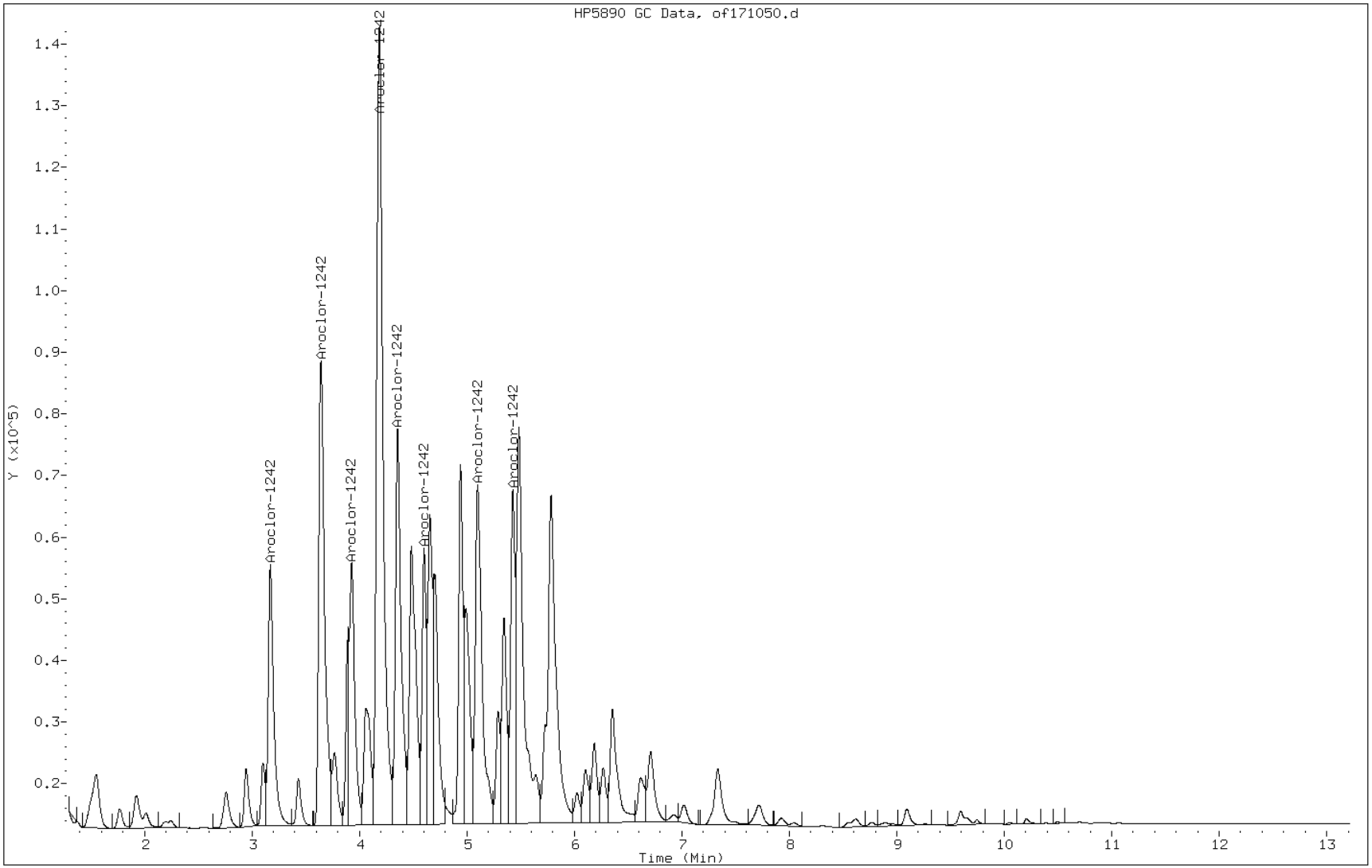
M - Compound response manually integrated.

Data File: of171050.d

Date: 31-MAR-2011 16:18

Client ID: PMP-24-VD-E (4.5-6. Instrument: PESTGC7.i

Sample Info: 460-24280-F-11-A Operator: 615



Manual Integration Report

Data File: of171050.d
Inj. Date and Time: 31-MAR-2011 16:18
Instrument ID: PESTGC7.i
Client ID: PMP-24-VD-E (4.5-6.
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/31/2011

Processing Integration Results

Not Detected

Expected RT: 3.16

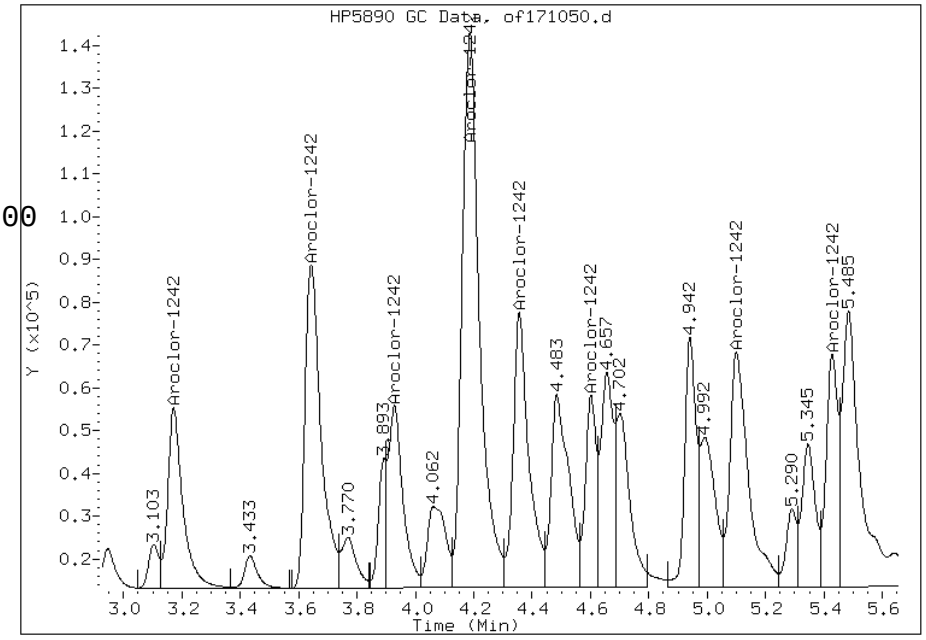
Manual Integration Results

RT: 3.17

Response: 153248

Amount: 1830.88

Conc: 14000000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-VD-E (4.5-6.5) Lab Sample ID: 460-24280-11

Matrix: Solid Lab File ID: or171050.d

Analysis Method: 8082 Date Collected: 03/17/2011 10:30

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.04(g) Date Analyzed: 03/31/2011 16:18

Con. Extract Vol.: 10(mL) Dilution Factor: 10000

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 10.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69122 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	750000	U	750000	140000
11104-28-2	Aroclor 1221	750000	U	750000	230000
11141-16-5	Aroclor 1232	750000	U	750000	420000
12672-29-6	Aroclor 1248	750000	U	750000	200000
11097-69-1	Aroclor 1254	750000	U	750000	260000
11096-82-5	Aroclor 1260	750000	U	750000	83000
37324-23-5	Aroclor 1262	750000	U	750000	130000
11100-14-4	Aroclor 1268	750000	U	750000	130000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	D X	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11a.b/or171050.d
Lab Smp Id: 460-24280-F-11-A Client Smp ID: PMP-24-VD-E (4.5-6.
Inj Date : 31-MAR-2011 16:18
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-11-A
Misc Info : 460-24280-F-11-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11a.b/08Or8082.m
Meth Date : 31-Mar-2011 10:45 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 6
Dil Factor: 10000.00000
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	10000.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	10.59850	% 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		
2.525	2.512	0.013	139365	1650.17	12000000	80.00- 120.00	100.00(M)
2.862	2.852	0.010	230803	1690.43	12000000	129.33- 194.00	165.61
3.058	3.052	0.006	178473	1834.09	14000000	92.18- 138.26	128.06
3.330	3.323	0.007	477512	1705.36	13000000	265.24- 397.85	342.63
3.477	3.470	0.007	176102	1742.58	13000000	95.73- 143.59	126.36
3.692	3.692	0.000	314436	1646.07	12000000	180.95- 271.42	225.62
3.925	3.922	0.003	189448	1665.21	12000000	107.77- 161.65	135.94
4.663	4.667	-0.004	255345	2424.74	18000000	99.75- 149.63	183.22

Average of Peak Concentrations = 13000000

QC Flag Legend

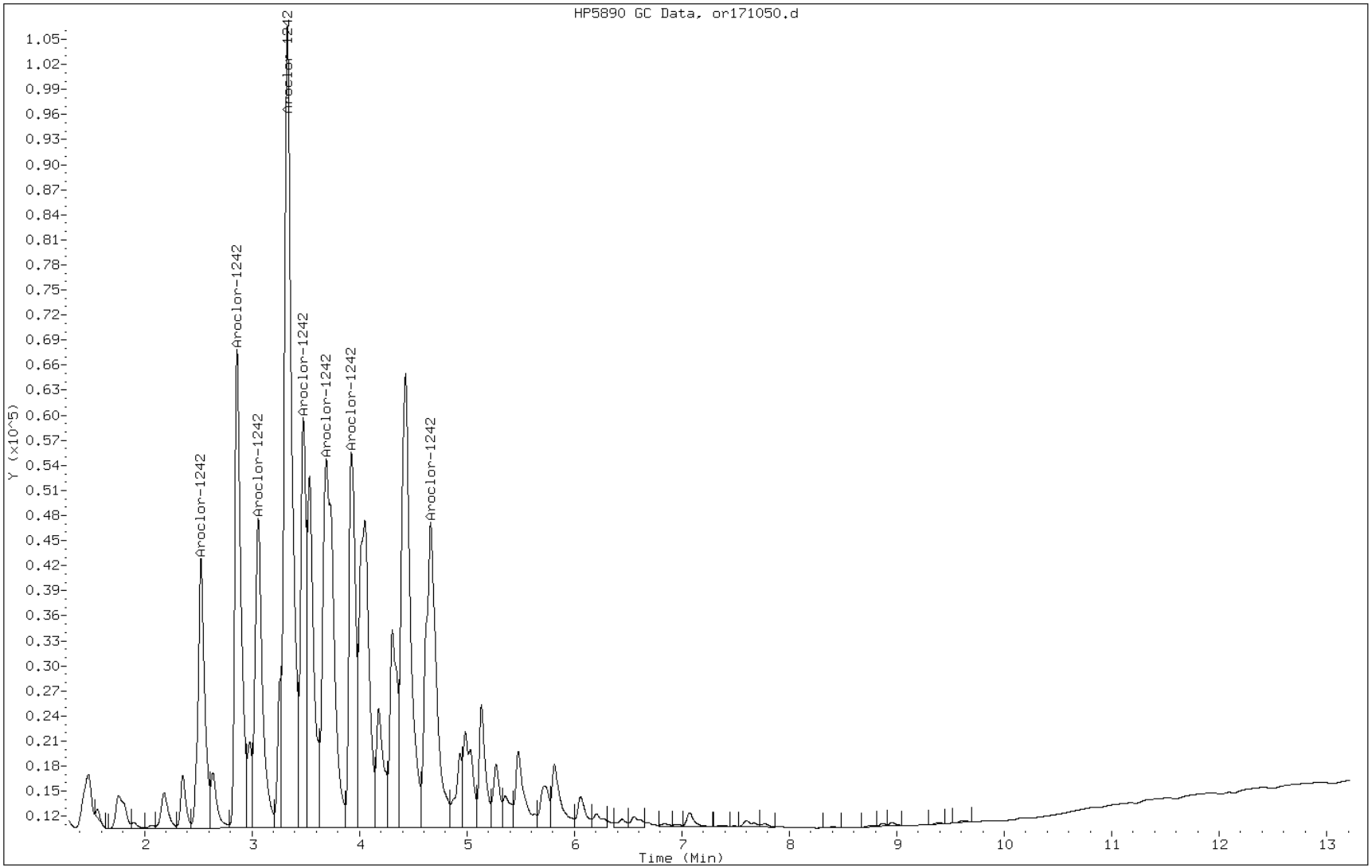
M - Compound response manually integrated.

Data File: or171050.d

Date: 31-MAR-2011 16:18

Client ID: PMP-24-VD-E (4.5-6. Instrument: PESTGC7.i

Sample Info: 460-24280-F-11-A Operator: 615



Manual Integration Report

Data File: or171050.d
Inj. Date and Time: 31-MAR-2011 16:18
Instrument ID: PESTGC7.i
Client ID: PMP-24-VD-E (4.5-6.
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/31/2011

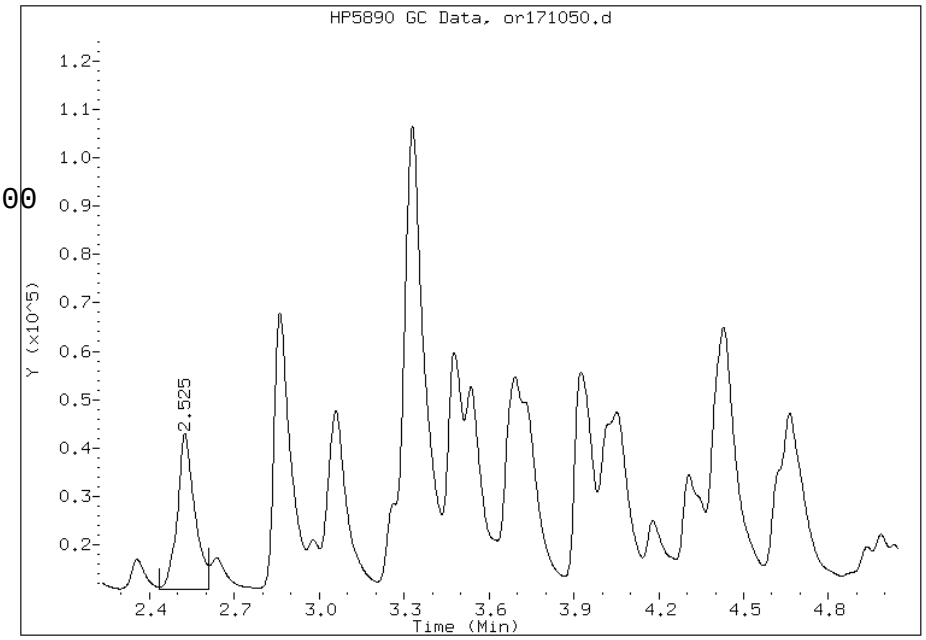
Processing Integration Results

RT: 2.52

Response: 137919

Amount: 1763.61

Conc: 13000000.00



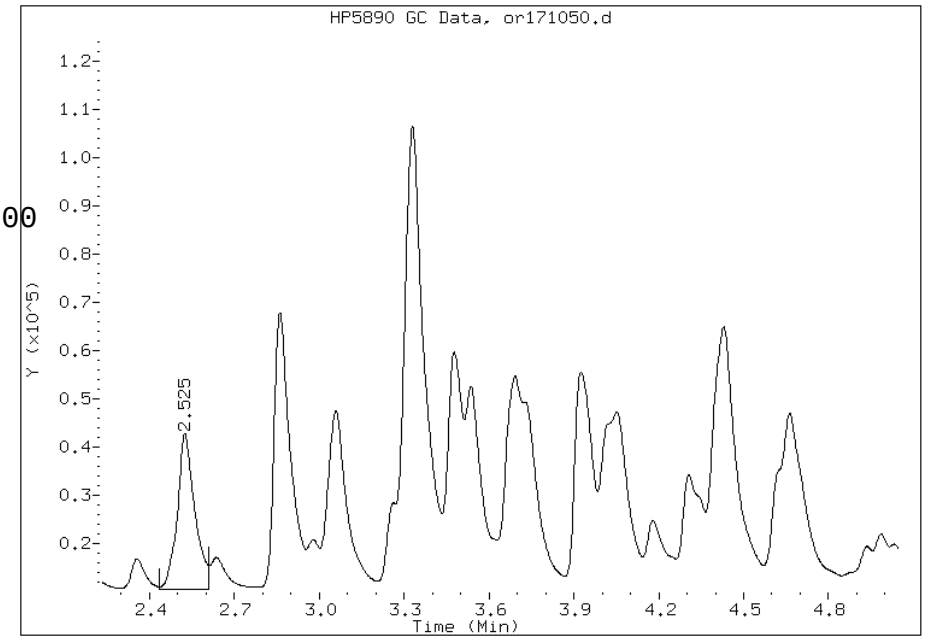
Manual Integration Results

RT: 2.52

Response: 139365

Amount: 1794.83

Conc: 13000000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-WT-E (6.5-8.5) Lab Sample ID: 460-24280-12

Matrix: Solid Lab File ID: of171051.d

Analysis Method: 8082 Date Collected: 03/17/2011 10:35

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.02(g) Date Analyzed: 03/31/2011 16:34

Con. Extract Vol.: 10(mL) Dilution Factor: 10000

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69122 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	10000000		740000	140000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*D X*	30-150

Data File: of171051.d
Report Date: 31-Mar-2011 17:54

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11a.b/of171051.d
Lab Smp Id: 460-24280-F-12-A Client Smp ID: PMP-24-WT-E (6.5-8.
Inj Date : 31-MAR-2011 16:34
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-12-A
Misc Info : 460-24280-F-12-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11a.b/08Of8082.m
Meth Date : 31-Mar-2011 10:47 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 7
Dil Factor: 10000.00000
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	10000.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	9.74967	% 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		
3.168	3.160	0.008	119259	1388.83	10000000	80.00- 120.00	100.00(M)
3.640	3.633	0.007	225565	1373.66	10000000	152.98- 229.47	189.14
3.925	3.922	0.003	116997	1444.37	11000000	75.46- 113.20	98.10
4.185	4.180	0.005	411913	1358.58	10000000	282.47- 423.70	345.39
4.353	4.350	0.003	182977	1410.84	10000000	120.83- 181.24	153.43
4.600	4.598	0.002	89166	1365.73	10000000	60.83- 91.24	74.77
5.097	5.097	0.000	184884	1514.93	11000000	113.70- 170.55	155.03
5.425	5.425	0.000	113319	1280.88	9400000	82.42- 123.63	95.02

Average of Peak Concentrations = 10000000

Data File: of171051.d
Report Date: 31-Mar-2011 17:54

QC Flag Legend

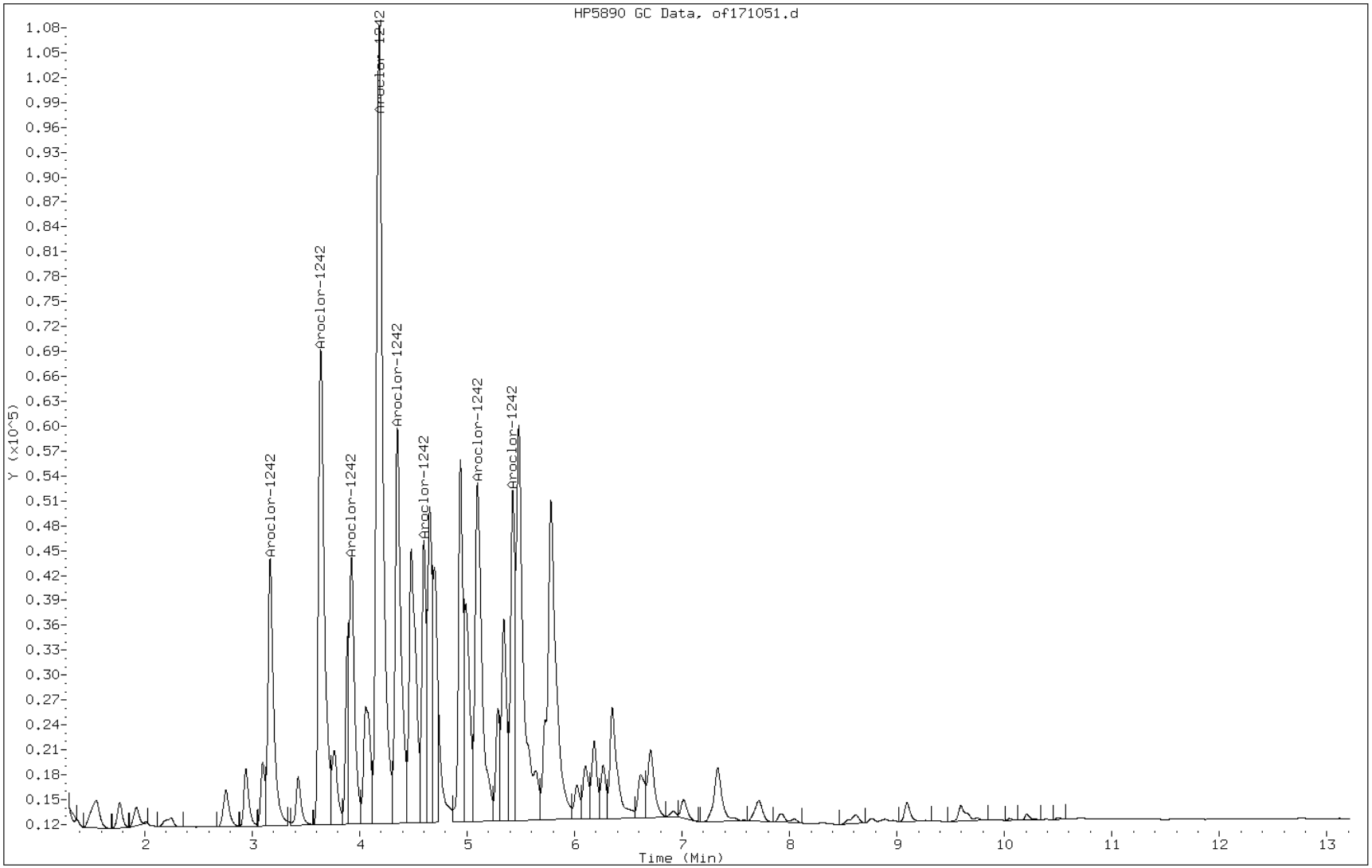
M - Compound response manually integrated.

Data File: of171051.d

Date: 31-MAR-2011 16:34

Client ID: PMP-24-WT-E (6.5-8. Instrument: PESTGC7.i

Sample Info: 460-24280-F-12-A Operator: 615



Manual Integration Report

Data File: of171051.d
Inj. Date and Time: 31-MAR-2011 16:34
Instrument ID: PESTGC7.i
Client ID: PMP-24-WT-E (6.5-8.
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/31/2011

Processing Integration Results

Not Detected

Expected RT: 3.16

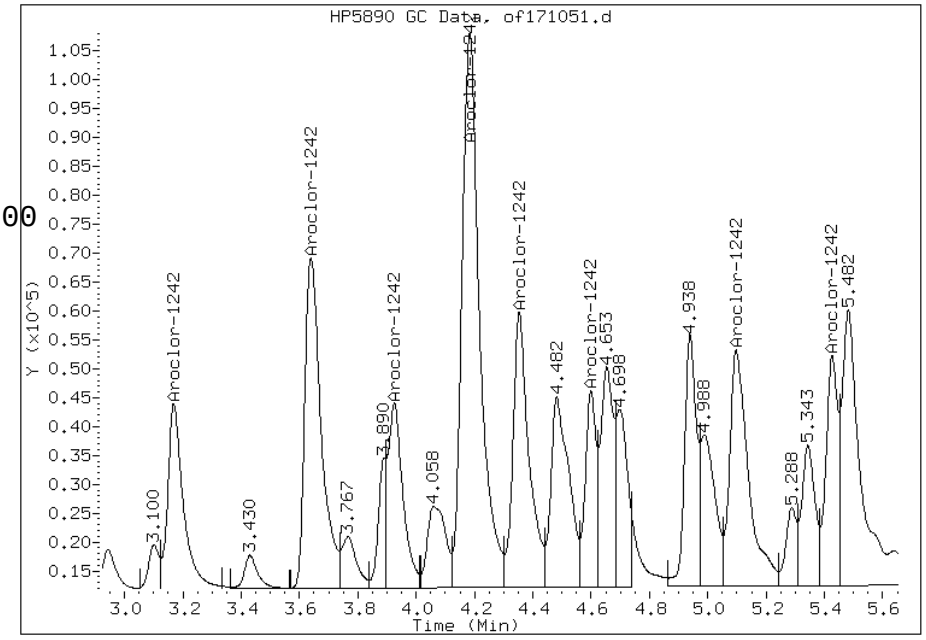
Manual Integration Results

RT: 3.17

Response: 119259

Amount: 1392.23

Conc: 10000000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-WT-E (6.5-8.5) Lab Sample ID: 460-24280-12

Matrix: Solid Lab File ID: or171051.d

Analysis Method: 8082 Date Collected: 03/17/2011 10:35

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.02(g) Date Analyzed: 03/31/2011 16:34

Con. Extract Vol.: 10(mL) Dilution Factor: 10000

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 9.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69122 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	740000	U	740000	140000
11104-28-2	Aroclor 1221	740000	U	740000	220000
11141-16-5	Aroclor 1232	740000	U	740000	420000
12672-29-6	Aroclor 1248	740000	U	740000	200000
11097-69-1	Aroclor 1254	740000	U	740000	250000
11096-82-5	Aroclor 1260	740000	U	740000	83000
37324-23-5	Aroclor 1262	740000	U	740000	130000
11100-14-4	Aroclor 1268	740000	U	740000	130000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	D X	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11a.b/or171051.d
Lab Smp Id: 460-24280-F-12-A Client Smp ID: PMP-24-WT-E (6.5-8.
Inj Date : 31-MAR-2011 16:34
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-12-A
Misc Info : 460-24280-F-12-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11a.b/08Or8082.m
Meth Date : 31-Mar-2011 10:45 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 7
Dil Factor: 10000.00000
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	10000.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	9.74967	% 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		
2.525	2.512	0.013	104191	1233.69	9100000	80.00- 120.00	100.00(H)
2.862	2.852	0.010	174835	1280.51	9400000	129.33- 194.00	167.80
3.058	3.052	0.006	132101	1357.54	10000000	92.18- 138.26	126.79
3.328	3.323	0.005	378111	1350.36	10000000	265.24- 397.85	362.90
3.477	3.470	0.007	126744	1254.17	9200000	95.73- 143.59	121.65
3.692	3.692	0.000	236325	1237.16	9100000	180.95- 271.42	226.82
3.923	3.922	0.001	140799	1237.60	9100000	107.77- 161.65	135.14
4.662	4.667	-0.005	183359	1741.17	13000000	99.75- 149.63	175.98

Average of Peak Concentrations = 9800000

QC Flag Legend

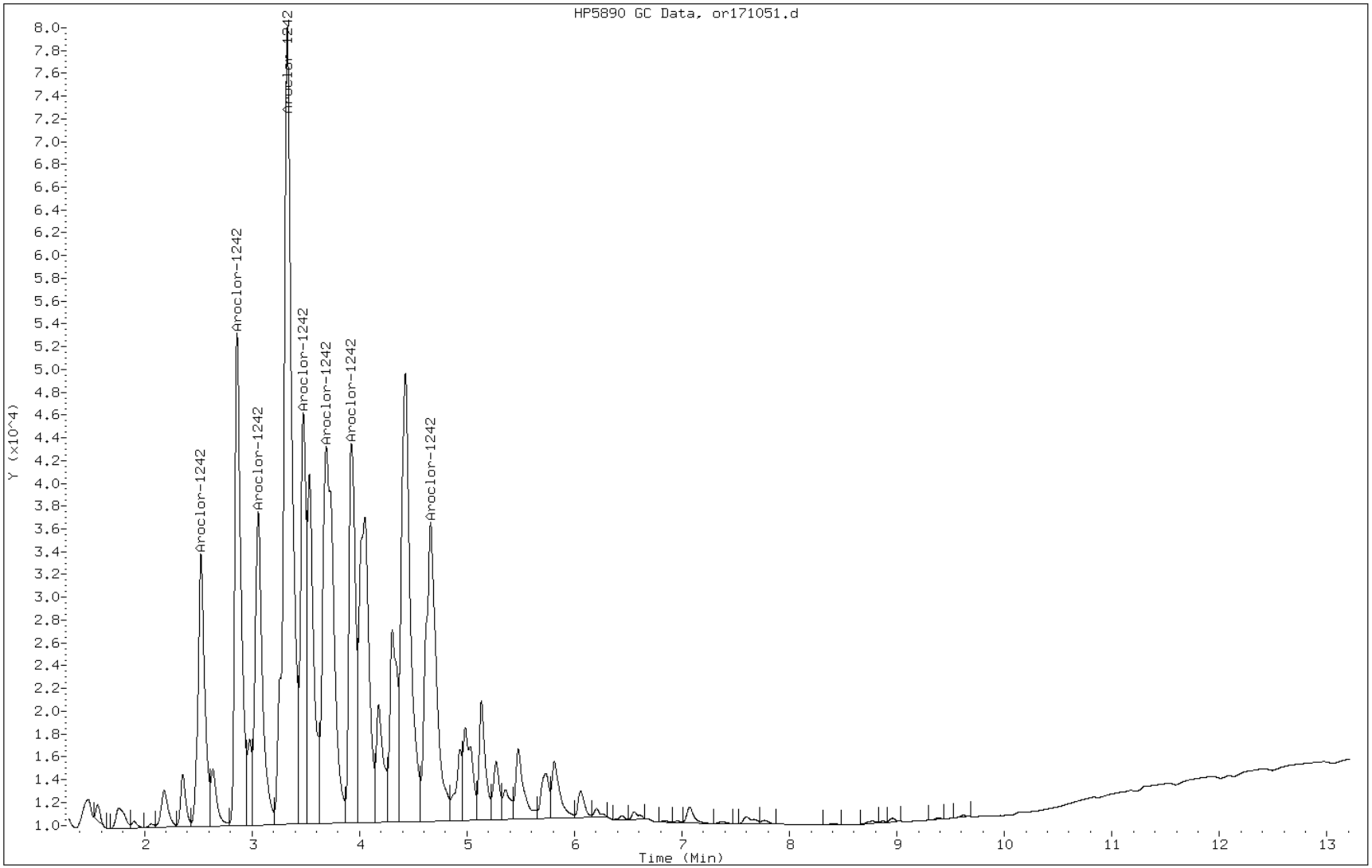
H - Operator selected an alternate compound hit.

Data File: or171051.d

Date: 31-MAR-2011 16:34

Client ID: PMP-24-WT-E (6.5-8. Instrument: PESTGC7.i

Sample Info: 460-24280-F-12-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-SI-E (10.5-12.5) Lab Sample ID: 460-24280-13

Matrix: Solid Lab File ID: of171048.d

Analysis Method: 8082 Date Collected: 03/17/2011 10:40

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.00(g) Date Analyzed: 03/31/2011 15:45

Con. Extract Vol.: 10(mL) Dilution Factor: 1000

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69122 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	870000		78000	15000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*D X*	30-150

Data File: of171048.d
Report Date: 31-Mar-2011 17:53

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11a.b/of171048.d
Lab Smp Id: 460-24280-F-13-A Client Smp ID: PMP-24-SI-E (10.5-1
Inj Date : 31-MAR-2011 15:45
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-13-A
Misc Info : 460-24280-F-13-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11a.b/08Of8082.m
Meth Date : 31-Mar-2011 10:47 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 4
Dil Factor: 1000.00000
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	1000.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	14.07703	% 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		
3.173	3.160	0.013	92410	1076.17	830000	80.00- 120.00	100.00(M)
3.645	3.633	0.012	179312	1091.99	850000	152.98- 229.47	194.04
3.932	3.922	0.010	90823	1121.25	870000	75.46- 113.20	98.28
4.190	4.180	0.010	331233	1092.48	850000	282.47- 423.70	358.44
4.358	4.350	0.008	148075	1141.73	880000	120.83- 181.24	160.24
4.605	4.598	0.007	74743	1144.81	890000	60.83- 91.24	80.88
5.102	5.097	0.005	150825	1235.85	960000	113.70- 170.55	163.21
5.430	5.425	0.005	93558	1057.52	820000	82.42- 123.63	101.24
Average of Peak Concentrations =					870000		

Data File: of171048.d
Report Date: 31-Mar-2011 17:53

QC Flag Legend

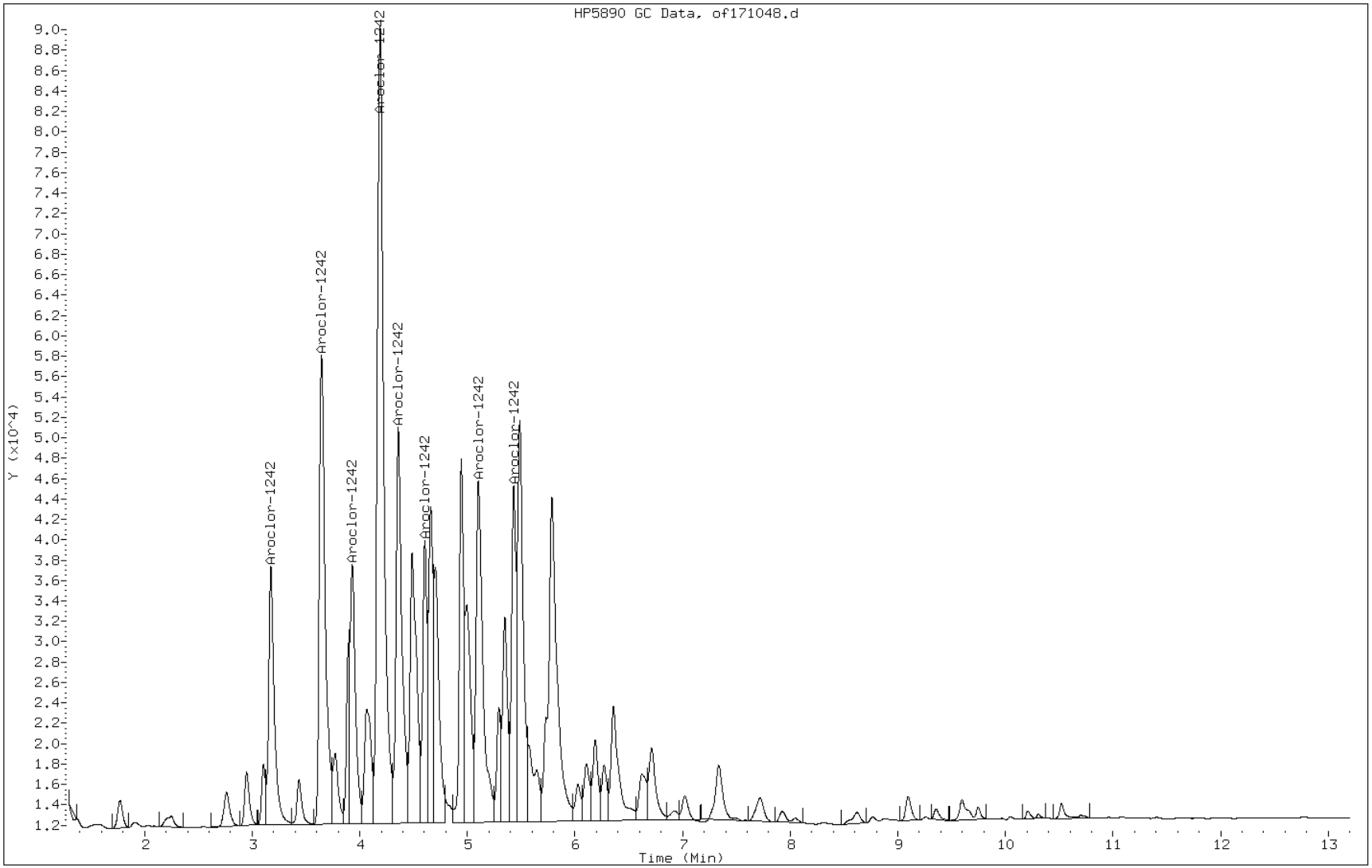
M - Compound response manually integrated.

Data File: of171048.d

Date: 31-MAR-2011 15:45

Client ID: PMP-24-SI-E (10.5-1 Instrument: PESTGC7.i

Sample Info: 460-24280-F-13-A Operator: 615



Manual Integration Report

Data File: of171048.d
Inj. Date and Time: 31-MAR-2011 15:45
Instrument ID: PESTGC7.i
Client ID: PMP-24-SI-E (10.5-1
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/31/2011

Processing Integration Results

Not Detected

Expected RT: 3.16

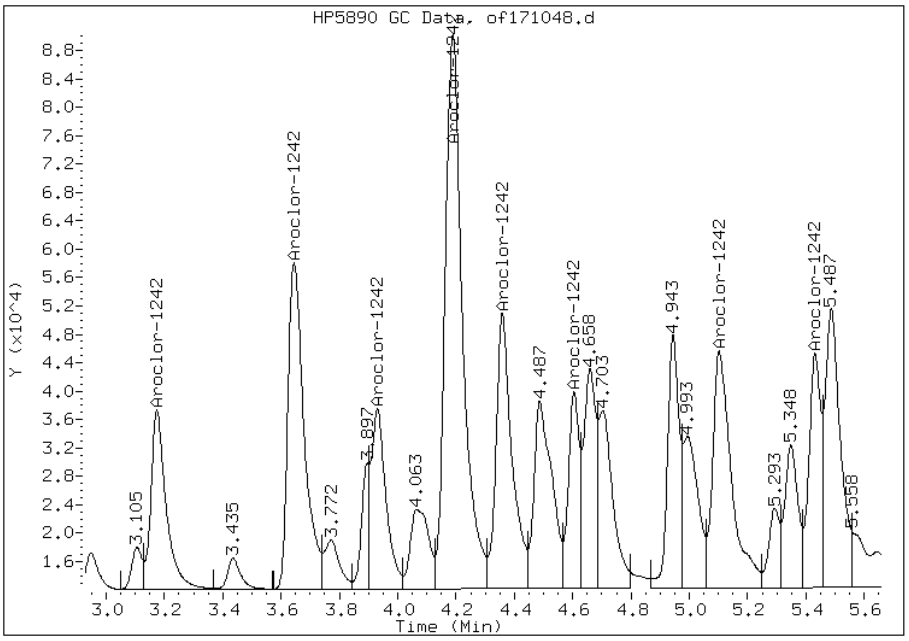
Manual Integration Results

RT: 3.17

Response: 92410

Amount: 1120.22

Conc: 870000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-SI-E (10.5-12.5) Lab Sample ID: 460-24280-13

Matrix: Solid Lab File ID: or171048.d

Analysis Method: 8082 Date Collected: 03/17/2011 10:40

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.00(g) Date Analyzed: 03/31/2011 15:45

Con. Extract Vol.: 10(mL) Dilution Factor: 1000

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69122 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	78000	U	78000	15000
11104-28-2	Aroclor 1221	78000	U	78000	24000
11141-16-5	Aroclor 1232	78000	U	78000	44000
12672-29-6	Aroclor 1248	78000	U	78000	21000
11097-69-1	Aroclor 1254	78000	U	78000	27000
11096-82-5	Aroclor 1260	78000	U	78000	8700
37324-23-5	Aroclor 1262	78000	U	78000	13000
11100-14-4	Aroclor 1268	78000	U	78000	13000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	D X	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11a.b/or171048.d
Lab Smp Id: 460-24280-F-13-A Client Smp ID: PMP-24-SI-E (10.5-1
Inj Date : 31-MAR-2011 15:45
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-13-A
Misc Info : 460-24280-F-13-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11a.b/08Or8082.m
Meth Date : 31-Mar-2011 10:45 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 4
Dil Factor: 1000.00000
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	1000.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	14.07703	% Moisture

Cpnd Variable Local Compound Variable

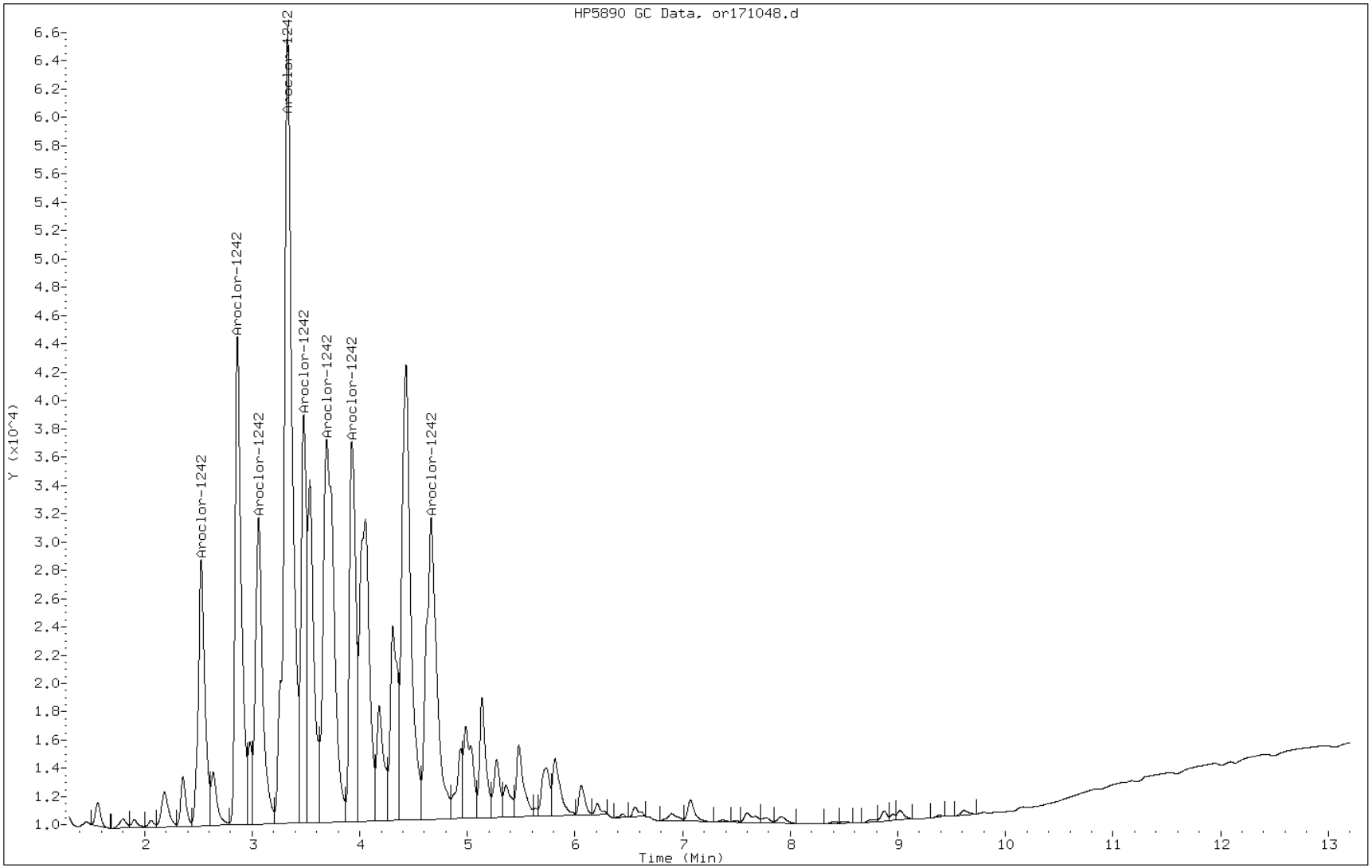
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.525	2.512	0.013	80913	958.061	740000	80.00- 120.00	100.00
2.862	2.852	0.010	138796	1016.56	790000	129.33- 194.00	171.54
3.060	3.052	0.008	102649	1054.88	820000	92.18- 138.26	126.86
3.330	3.323	0.007	298675	1066.67	830000	265.24- 397.85	369.13
3.478	3.470	0.008	100380	993.291	770000	95.73- 143.59	124.06
3.693	3.692	0.001	189376	991.383	770000	180.95- 271.42	234.05
3.925	3.922	0.003	112241	986.578	760000	107.77- 161.65	138.72
4.663	4.667	-0.004	145799	1384.50	1100000	99.75- 149.63	180.19
Average of Peak Concentrations =					820000		

Data File: or171048.d

Date: 31-MAR-2011 15:45

Client ID: PMP-24-SI-E (10.5-1 Instrument: PESTGC7.i

Sample Info: 460-24280-F-13-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-2-VD-E (3.5-4.0) Lab Sample ID: 460-24280-14

Matrix: Solid Lab File ID: of171042.d

Analysis Method: 8082 Date Collected: 03/17/2011 11:19

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.01(g) Date Analyzed: 03/31/2011 13:22

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 4.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69122 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	9400		700	130

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*D X*	30-150

Data File: of171042.d
Report Date: 31-Mar-2011 17:50

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11a.b/of171042.d
Lab Smp Id: 460-24280-F-14-A Client Smp ID: PMP-2-VD-E (3.5-4.0
Inj Date : 31-MAR-2011 13:22
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-14-A
Misc Info : 460-24280-F-14-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11a.b/08Of8082.m
Meth Date : 31-Mar-2011 10:47 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 5
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	15.01000	Weight of sample extracted (g)
M	4.09091	% 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		
3.172	3.160	0.012	112086	1305.31	9100	80.00- 120.00	100.00(M)
3.643	3.633	0.010	220032	1339.97	9300	152.98- 229.47	196.30
3.928	3.922	0.006	110502	1364.19	9500	75.46- 113.20	98.59
4.187	4.180	0.007	412177	1359.45	9400	282.47- 423.70	367.73
4.357	4.350	0.007	181112	1396.46	9700	120.83- 181.24	161.58
4.602	4.598	0.004	85166	1304.45	9100	60.83- 91.24	75.98
5.100	5.097	0.003	177970	1458.28	10000	113.70- 170.55	158.78
5.428	5.425	0.003	118173	1335.75	9300	82.42- 123.63	105.43
Average of Peak Concentrations =					9400		

Data File: of171042.d
Report Date: 31-Mar-2011 17:50

QC Flag Legend

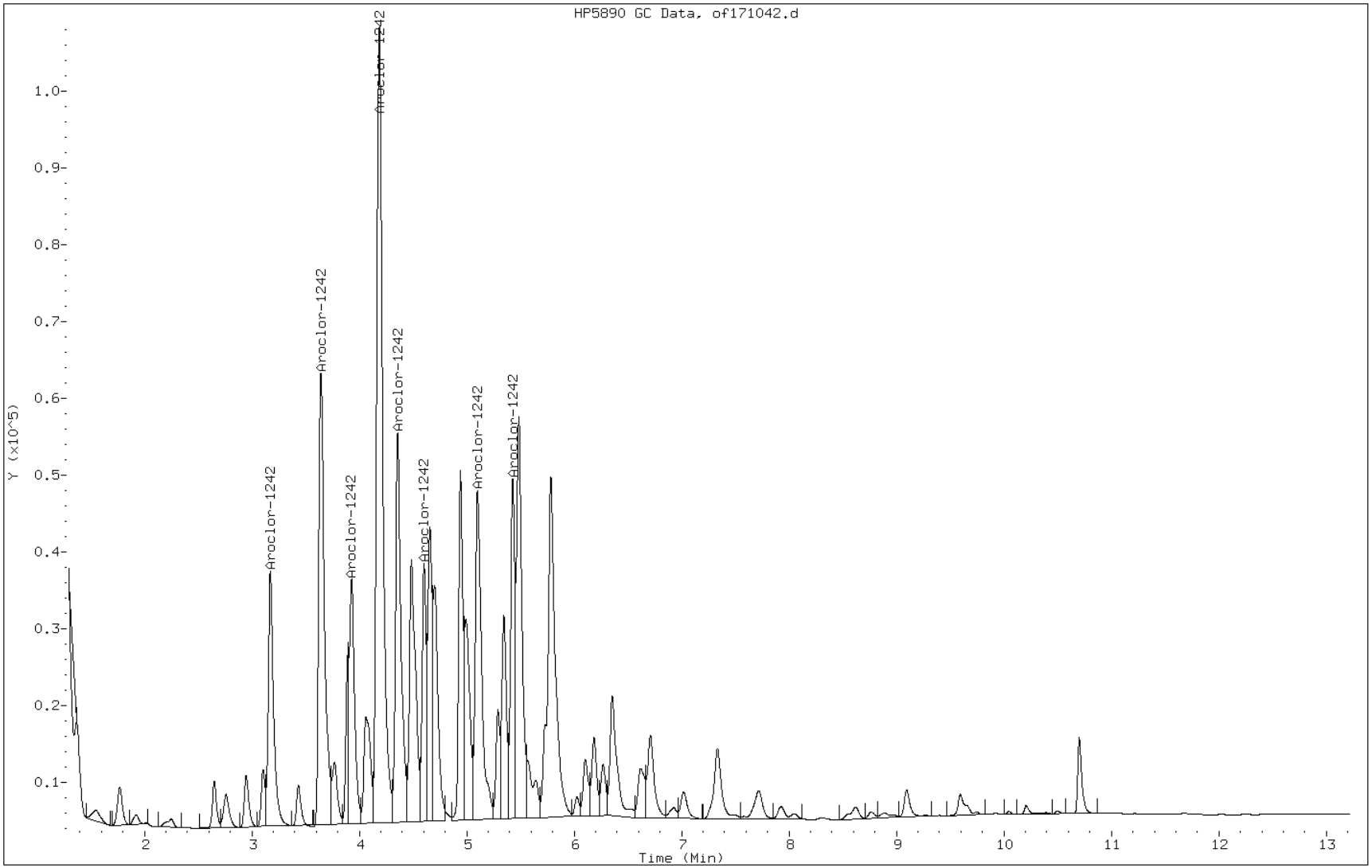
M - Compound response manually integrated.

Data File: of171042.d

Date: 31-MAR-2011 13:22

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: PESTGC7.i

Sample Info: 460-24280-F-14-A Operator: 615



Manual Integration Report

Data File: of171042.d
Inj. Date and Time: 31-MAR-2011 13:22
Instrument ID: PESTGC7.i
Client ID: PMP-2-VD-E (3.5-4.0
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/31/2011

Processing Integration Results

Not Detected

Expected RT: 3.16

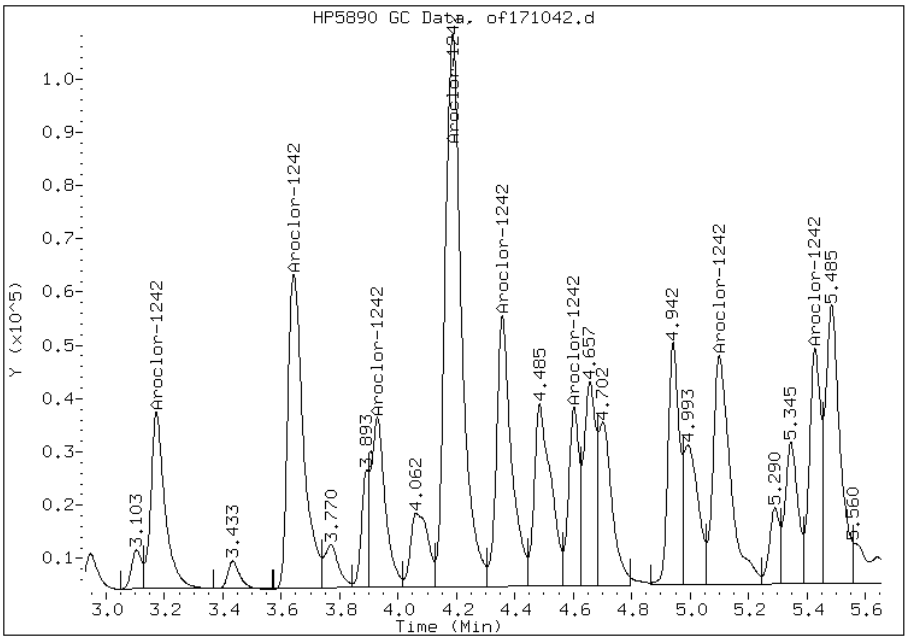
Manual Integration Results

RT: 3.17

Response: 112086

Amount: 1357.98

Conc: 9400.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-2-VD-E (3.5-4.0) Lab Sample ID: 460-24280-14

Matrix: Solid Lab File ID: or171042.d

Analysis Method: 8082 Date Collected: 03/17/2011 11:19

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.01(g) Date Analyzed: 03/31/2011 13:22

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 4.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69122 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	700	U	700	130
11104-28-2	Aroclor 1221	700	U	700	210
11141-16-5	Aroclor 1232	700	U	700	400
12672-29-6	Aroclor 1248	700	U	700	190
11097-69-1	Aroclor 1254	700	U	700	240
11096-82-5	Aroclor 1260	700	U	700	78
37324-23-5	Aroclor 1262	700	U	700	120
11100-14-4	Aroclor 1268	700	U	700	120

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	D X	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11a.b/or171042.d
Lab Smp Id: 460-24280-F-14-A Client Smp ID: PMP-2-VD-E (3.5-4.0
Inj Date : 31-MAR-2011 13:22
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-14-A
Misc Info : 460-24280-F-14-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11a.b/08Or8082.m
Meth Date : 31-Mar-2011 10:45 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 5
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	15.01000	Weight of sample extracted (g)
M	4.09091	% Moisture

Cpnd Variable Local Compound Variable

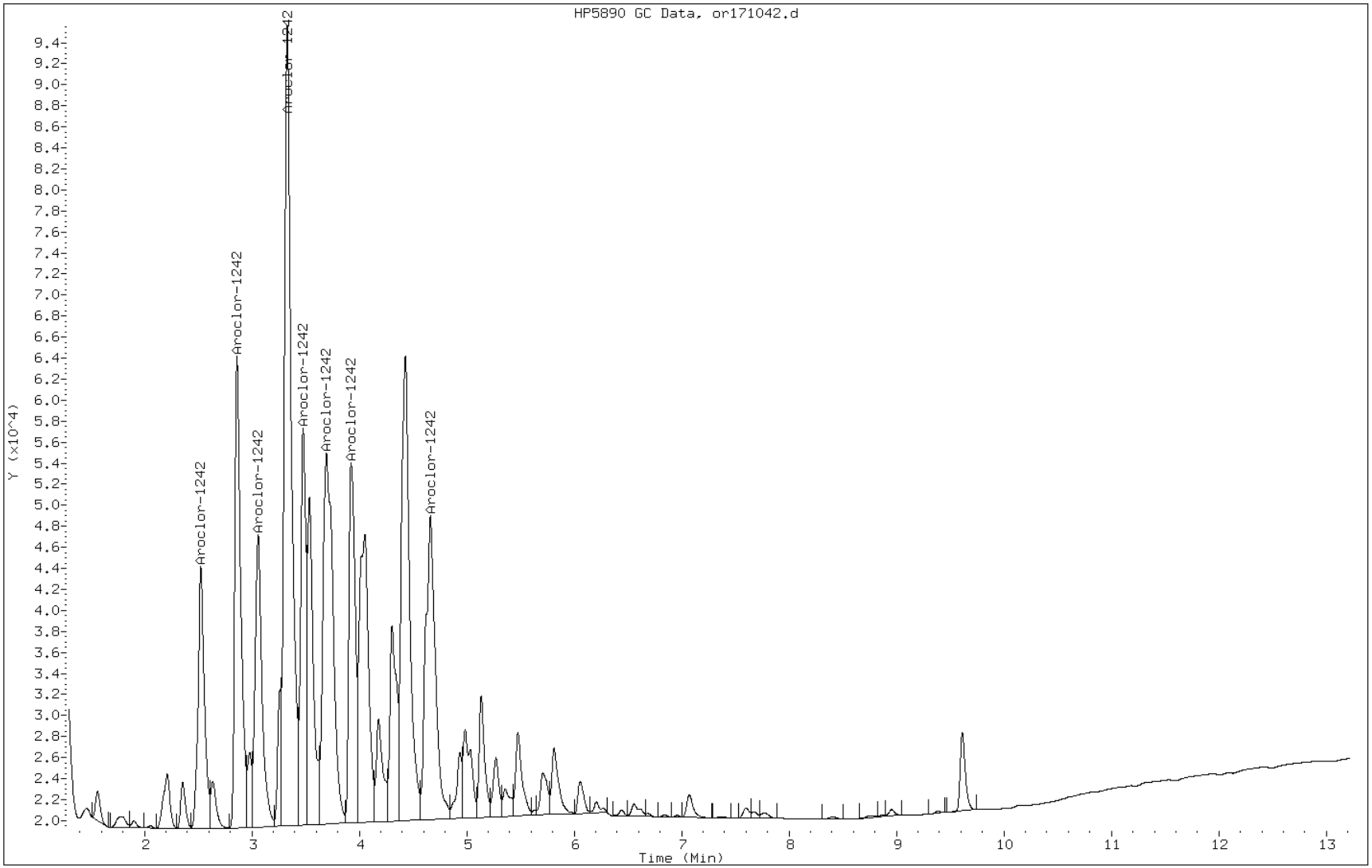
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
2.525	2.512	0.013	102203	1210.15	8400	80.00- 120.00	100.00
2.862	2.852	0.010	174523	1278.23	8900	129.33- 194.00	170.76
3.058	3.052	0.006	124824	1282.76	8900	92.18- 138.26	122.13
3.330	3.323	0.007	356887	1274.56	8800	265.24- 397.85	349.19
3.477	3.470	0.007	128387	1270.43	8800	95.73- 143.59	125.62
3.693	3.692	0.001	231490	1211.85	8400	180.95- 271.42	226.50
3.923	3.922	0.001	138087	1213.76	8400	107.77- 161.65	135.11
4.662	4.667	-0.005	183505	1742.56	12000	99.75- 149.63	179.55
Average of Peak Concentrations =					9100		

Data File: or171042.d

Date: 31-MAR-2011 13:22

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: PESTGC7.i

Sample Info: 460-24280-F-14-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-2WT-E (8.0-8.5) Lab Sample ID: 460-24280-15

Matrix: Solid Lab File ID: of171047.d

Analysis Method: 8082 Date Collected: 03/17/2011 11:25

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.03(g) Date Analyzed: 03/31/2011 15:28

Con. Extract Vol.: 10(mL) Dilution Factor: 500

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 3.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69122 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	500000		35000	6600
11096-82-5	Aroclor 1260	120000		35000	3900

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*D X*	30-150

Data File: of171047.d
Report Date: 31-Mar-2011 17:52

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11a.b/of171047.d
Lab Smp Id: 460-24280-F-15-A Client Smp ID: PMP-2WT-E (8.0-8.5)
Inj Date : 31-MAR-2011 15:28
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-15-A
Misc Info : 460-24280-F-15-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11a.b/08Of8082.m
Meth Date : 31-Mar-2011 10:47 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 3
Dil Factor: 500.00000
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	500.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	3.62694	% 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		
3.173	3.160	0.013	109619	1276.57	440000	80.00- 120.00	100.00(MH)
3.645	3.633	0.012	230389	1403.04	480000	152.98- 229.47	210.17
3.930	3.922	0.008	116322	1436.05	500000	75.46- 113.20	106.12
4.188	4.180	0.008	431169	1422.09	490000	282.47- 423.70	393.33
4.358	4.350	0.008	195648	1508.54	520000	120.83- 181.24	178.48
4.605	4.598	0.007	93790	1436.55	500000	60.83- 91.24	85.56
5.102	5.097	0.005	198701	1628.14	560000	113.70- 170.55	181.26
5.430	5.425	0.005	123015	1390.48	480000	82.42- 123.63	112.22
Average of Peak Concentrations =					500000		
27 Aroclor-1260					CAS #: 11096-82-5		
6.657	6.652	0.005	143825	543.004	190000	80.00- 120.00	100.00(M)

Data File: of171047.d
Report Date: 31-Mar-2011 17:52

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.018	7.012	0.006	97006	328.896	110000	89.30- 133.95	67.45
7.715	7.710	0.005	121638	286.035	99000	130.43- 195.65	84.57
7.923	7.917	0.006	67810	338.711	120000	61.07- 91.61	47.15
8.048	8.040	0.008	36236	315.164	110000	36.16- 54.24	25.19
8.620	8.613	0.007	74375	327.802	110000	70.36- 105.54	51.71
9.595	9.592	0.003	81045	308.611	110000	82.15- 123.22	56.35
10.207	10.205	0.002	35049	387.910	130000	30.14- 45.21	24.37
		Average of Peak Concentrations =			120000		

QC Flag Legend

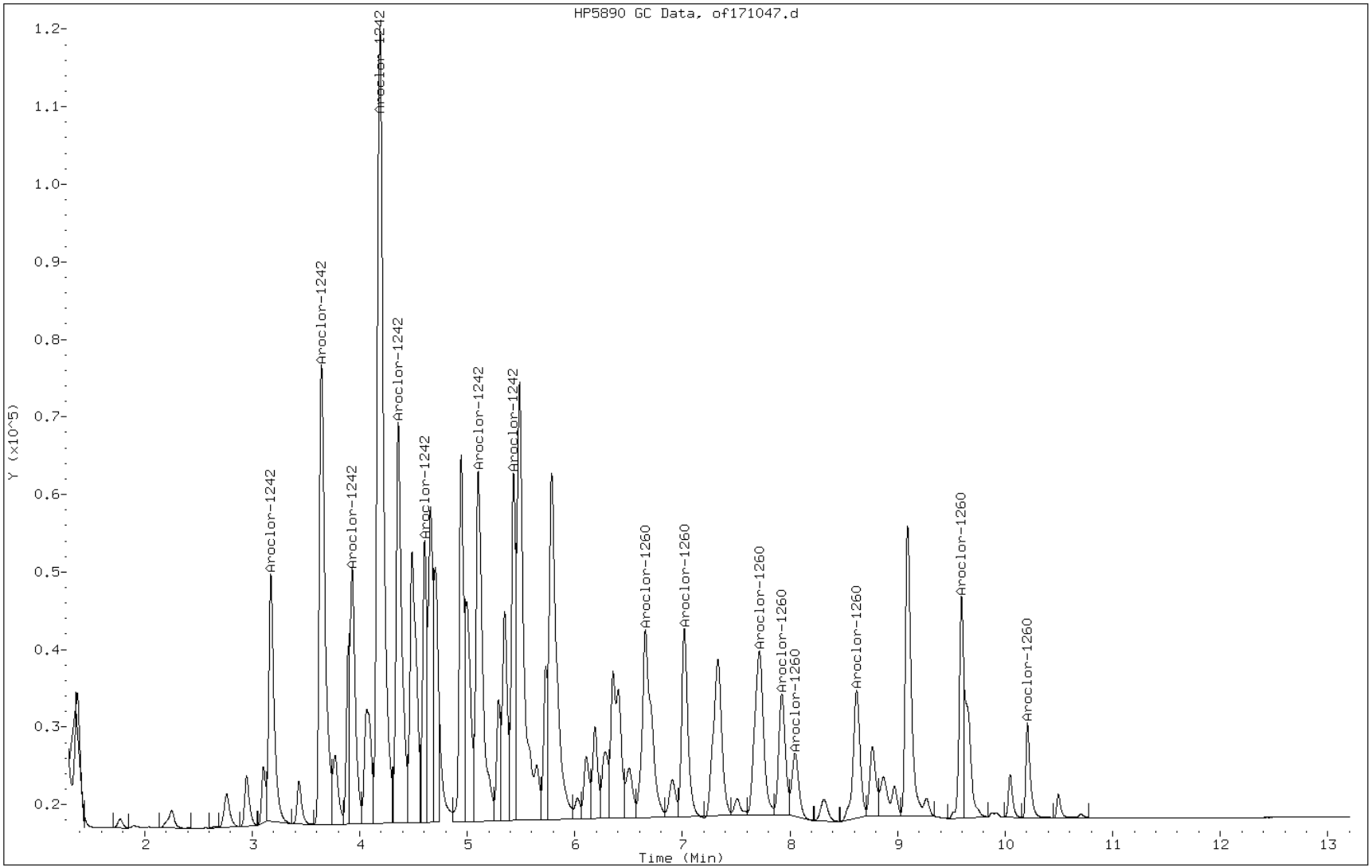
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: of171047.d

Date: 31-MAR-2011 15:28

Client ID: PMP-2WT-E (8.0-8.5) Instrument: PESTGC7.i

Sample Info: 460-24280-F-15-A Operator: 615



Manual Integration Report

Data File: of171047.d
Inj. Date and Time: 31-MAR-2011 15:28
Instrument ID: PESTGC7.i
Client ID: PMP-2WT-E (8.0-8.5)
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/31/2011

Processing Integration Results

Not Detected

Expected RT: 3.16

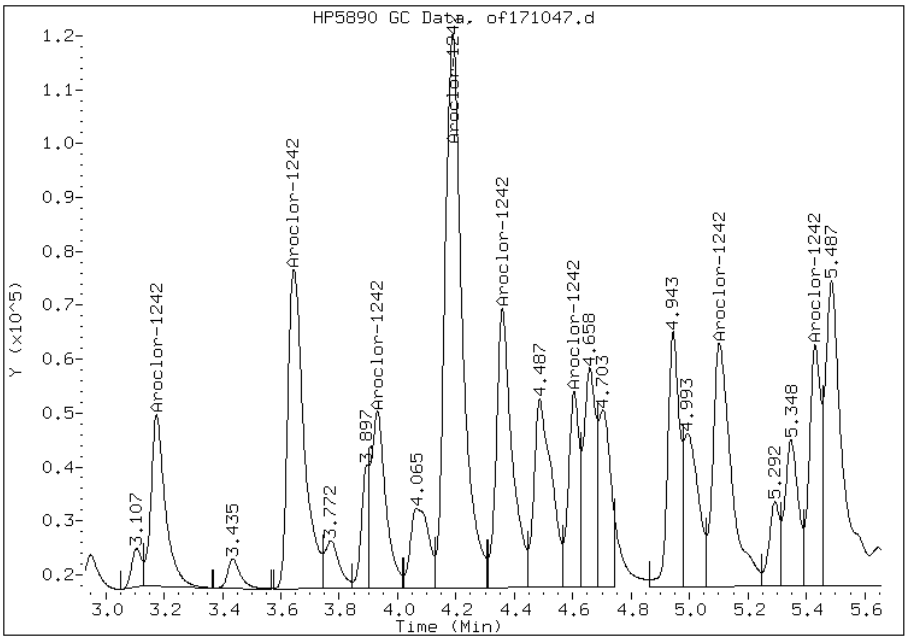
Manual Integration Results

RT: 3.17

Response: 109619

Amount: 1437.68

Conc: 500000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of171047.d
Inj. Date and Time: 31-MAR-2011 15:28
Instrument ID: PESTGC7.i
Client ID: PMP-2WT-E (8.0-8.5)
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/31/2011

Processing Integration Results

Not Detected

Expected RT: 6.65

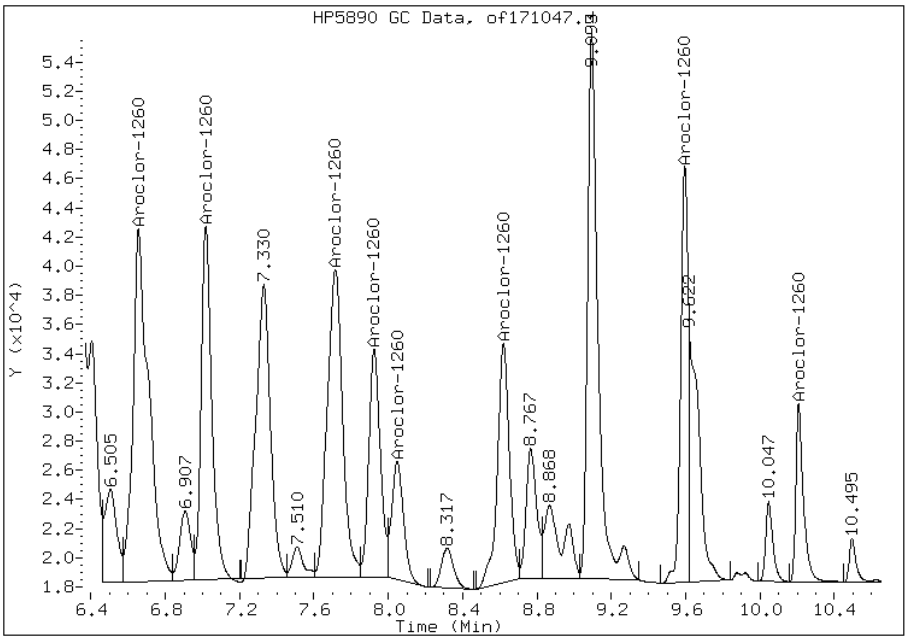
Manual Integration Results

RT: 6.66

Response: 143825

Amount: 354.52

Conc: 120000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-2WT-E (8.0-8.5) Lab Sample ID: 460-24280-15

Matrix: Solid Lab File ID: or171047.d

Analysis Method: 8082 Date Collected: 03/17/2011 11:25

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.03(g) Date Analyzed: 03/31/2011 15:28

Con. Extract Vol.: 10(mL) Dilution Factor: 500

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 3.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69122 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	35000	U	35000	6600
11104-28-2	Aroclor 1221	35000	U	35000	10000
11141-16-5	Aroclor 1232	35000	U	35000	20000
12672-29-6	Aroclor 1248	35000	U	35000	9200
11097-69-1	Aroclor 1254	35000	U	35000	12000
37324-23-5	Aroclor 1262	35000	U	35000	6000
11100-14-4	Aroclor 1268	35000	U	35000	6000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	D X	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11a.b/or171047.d
Lab Smp Id: 460-24280-F-15-A Client Smp ID: PMP-2WT-E (8.0-8.5)
Inj Date : 31-MAR-2011 15:28
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-15-A
Misc Info : 460-24280-F-15-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11a.b/08Or8082.m
Meth Date : 31-Mar-2011 10:45 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 3
Dil Factor: 500.00000
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	500.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.03000	Weight of sample extracted (g)
M	3.62694	% 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		
2.527	2.512	0.015	103374	1224.01	420000	80.00- 120.00	100.00
2.863	2.852	0.011	178741	1309.12	450000	129.33- 194.00	172.91
3.060	3.052	0.008	133110	1367.91	470000	92.18- 138.26	128.77
3.330	3.323	0.007	395942	1414.04	490000	265.24- 397.85	383.02
3.478	3.470	0.008	135784	1343.62	460000	95.73- 143.59	131.35
3.695	3.692	0.003	254388	1331.72	460000	180.95- 271.42	246.09
3.925	3.922	0.003	150790	1325.42	460000	107.77- 161.65	145.87
4.662	4.667	-0.005	226377	2149.67	740000	99.75- 149.63	218.99
Average of Peak Concentrations =					490000		
27 Aroclor-1260					CAS #: 11096-82-5		
5.358	5.355	0.003	77327	362.250	120000	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)							
5.705	5.702	0.003	119901	321.480	110000	139.51- 209.27	155.06
6.057	6.055	0.002	101871	299.814	100000	129.05- 193.57	131.74
6.207	6.205	0.002	53943	360.189	120000	58.05- 87.07	69.76
6.558	6.557	0.001	55163	348.413	120000	59.73- 89.59	71.34
7.602	7.600	0.002	50921	237.069	82000	72.56- 108.84	65.85
7.773	7.772	0.001	37810	331.976	110000	47.40- 71.11	48.90
8.957	8.957	0.000	31186	310.081	110000	39.73- 59.59	40.33
			Average of Peak Concentrations =		110000		

QC Flag Legend

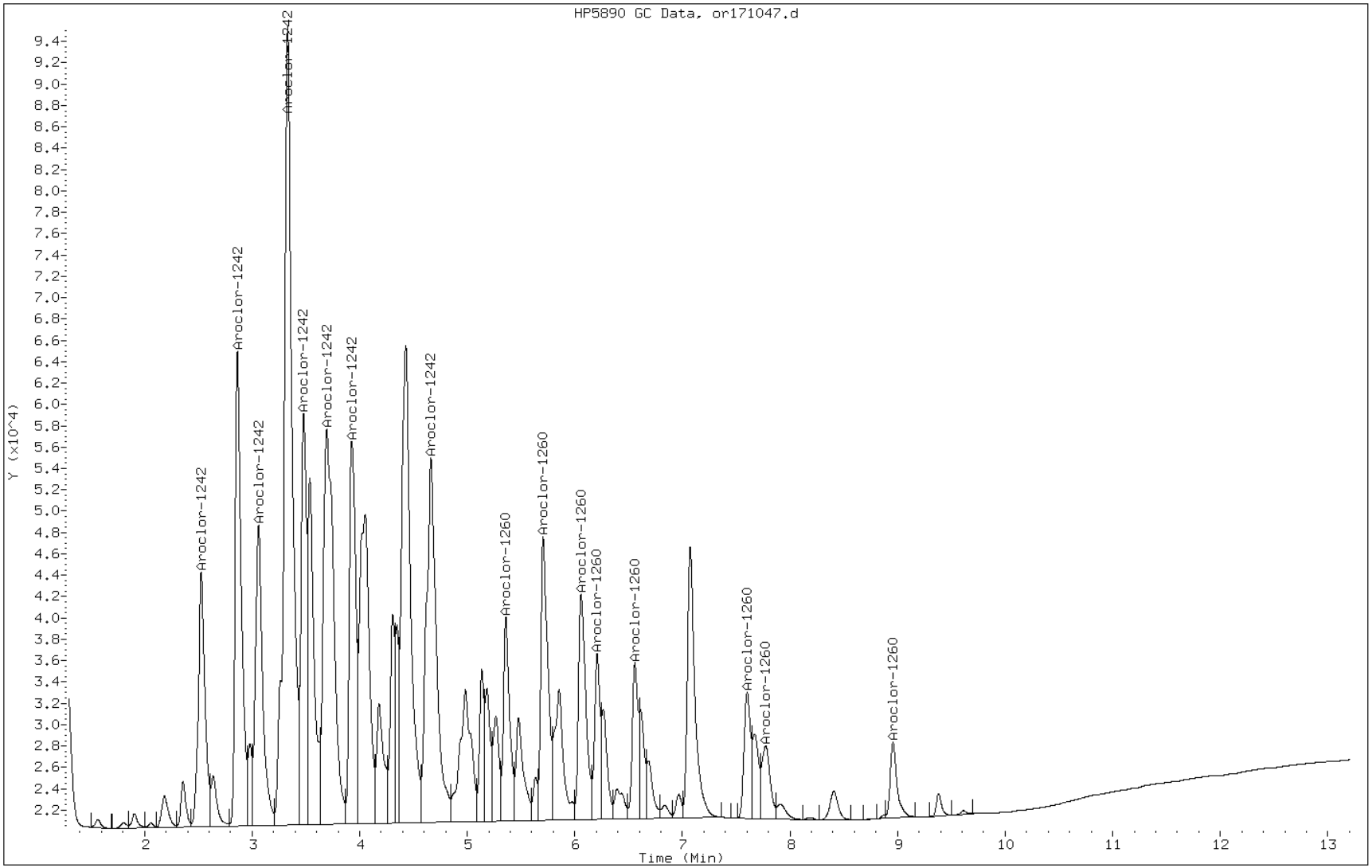
M - Compound response manually integrated.

Data File: or171047.d

Date: 31-MAR-2011 15:28

Client ID: PMP-2WT-E (8.0-8.5) Instrument: PESTGC7.i

Sample Info: 460-24280-F-15-A Operator: 615



Manual Integration Report

Data File: or171047.d
Inj. Date and Time: 31-MAR-2011 15:28
Instrument ID: PESTGC7.i
Client ID: PMP-2WT-E (8.0-8.5)
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/31/2011

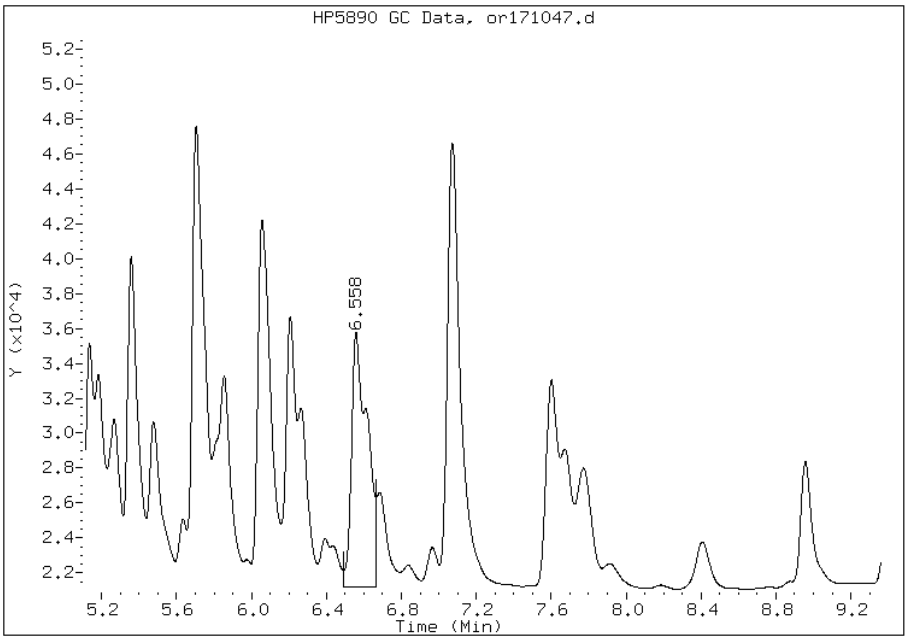
Processing Integration Results

RT: 6.56

Response: 85825

Amount: 345.62

Conc: 120000.00



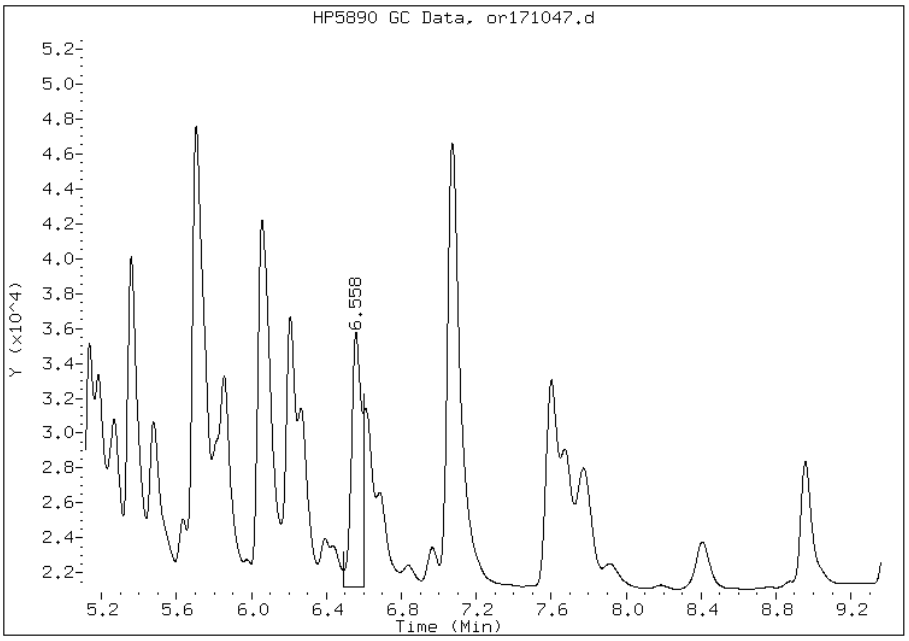
Manual Integration Results

RT: 6.56

Response: 55163

Amount: 321.41

Conc: 110000.00



Manually Integrated By: diazc
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-2-SI-E (10.5-11.0) Lab Sample ID: 460-24280-16

Matrix: Solid Lab File ID: of171044.d

Analysis Method: 8082 Date Collected: 03/17/2011 11:30

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.02(g) Date Analyzed: 03/31/2011 13:55

Con. Extract Vol.: 10(mL) Dilution Factor: 50

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 12.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69122 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	60000		3800	730
11096-82-5	Aroclor 1260	13000		3800	430

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*D X*	30-150

Data File: of171044.d
Report Date: 31-Mar-2011 17:51

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11a.b/of171044.d
Lab Smp Id: 460-24280-F-16-A Client Smp ID: PMP-2-SI-E (10.5-11
Inj Date : 31-MAR-2011 13:55
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-16-A
Misc Info : 460-24280-F-16-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11a.b/08Of8082.m
Meth Date : 31-Mar-2011 10:47 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 7
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	15.02000	Weight of sample extracted (g)
M	12.80788	% 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		
3.172	3.160	0.012	130837	1523.67	58000	80.00- 120.00	100.00(M)
3.643	3.633	0.010	250590	1526.06	58000	152.98- 229.47	191.53
3.930	3.922	0.008	127631	1575.65	60000	75.46- 113.20	97.55
4.187	4.180	0.007	467086	1540.55	59000	282.47- 423.70	357.00
4.357	4.350	0.007	207037	1596.35	61000	120.83- 181.24	158.24
4.603	4.598	0.005	102231	1565.84	60000	60.83- 91.24	78.14
5.100	5.097	0.003	212900	1744.48	67000	113.70- 170.55	162.72
5.428	5.425	0.003	135564	1532.32	58000	82.42- 123.63	103.61
Average of Peak Concentrations =					60000		
27 Aroclor-1260					CAS #: 11096-82-5		
6.653	6.652	0.001	100937	381.083	14000	80.00- 120.00	100.00(M)

Data File: of171044.d
Report Date: 31-Mar-2011 17:51

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.015	7.012	0.003	101380	343.725	13000	89.30- 133.95	100.44
7.713	7.710	0.003	126467	297.392	11000	130.43- 195.65	125.29
7.922	7.917	0.005	69600	347.651	13000	61.07- 91.61	68.95
8.045	8.040	0.005	37392	325.216	12000	36.16- 54.24	37.04
8.618	8.613	0.005	76542	337.356	13000	70.36- 105.54	75.83
9.593	9.592	0.001	88069	335.358	13000	82.15- 123.22	87.25
10.207	10.205	0.002	36029	398.753	15000	30.14- 45.21	35.69
		Average of Peak Concentrations =			13000		

QC Flag Legend

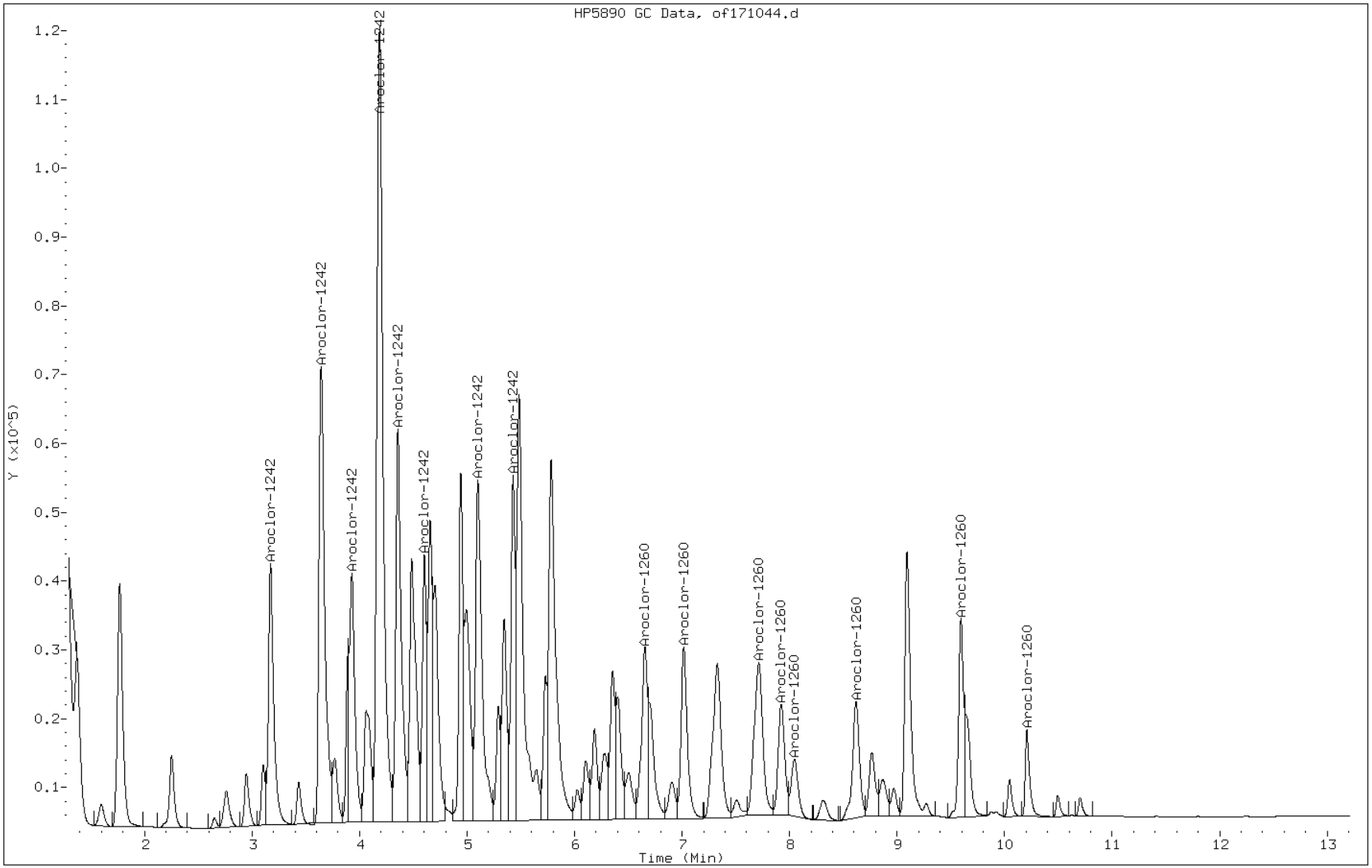
M - Compound response manually integrated.

Data File: of171044.d

Date: 31-MAR-2011 13:55

Client ID: PMP-2-SI-E (10.5-11 Instrument: PESTGC7.i

Sample Info: 460-24280-F-16-A Operator: 615



Manual Integration Report

Data File: of171044.d
Inj. Date and Time: 31-MAR-2011 13:55
Instrument ID: PESTGC7.i
Client ID: PMP-2-SI-E (10.5-11
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/31/2011

Processing Integration Results

Not Detected

Expected RT: 3.16

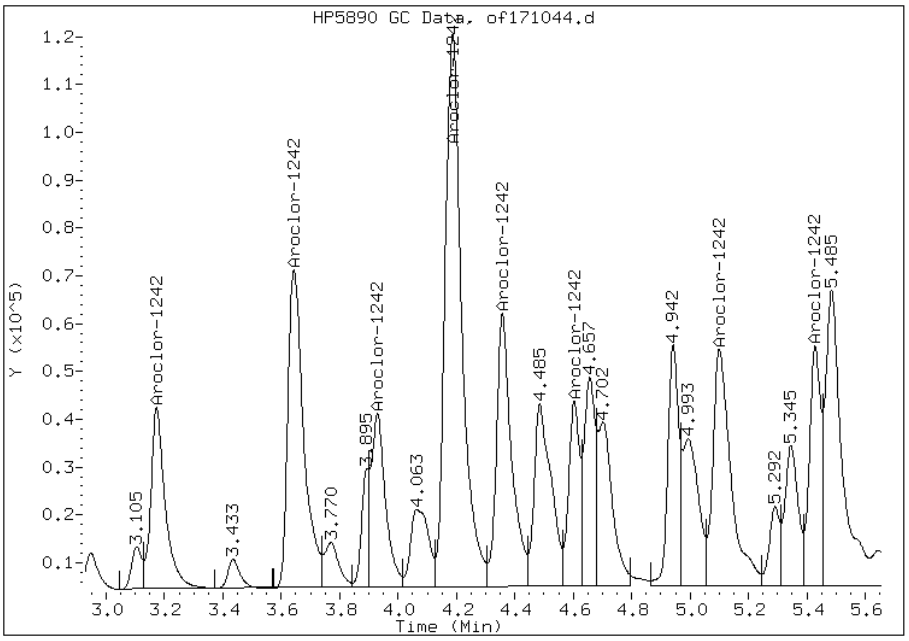
Manual Integration Results

RT: 3.17

Response: 130837

Amount: 1575.62

Conc: 60000.00



Manually Integrated By: diazc
Manual Integration Reason:

Manual Integration Report

Data File: of171044.d
Inj. Date and Time: 31-MAR-2011 13:55
Instrument ID: PESTGC7.i
Client ID: PMP-2-SI-E (10.5-11
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/31/2011

Processing Integration Results

Not Detected

Expected RT: 6.65

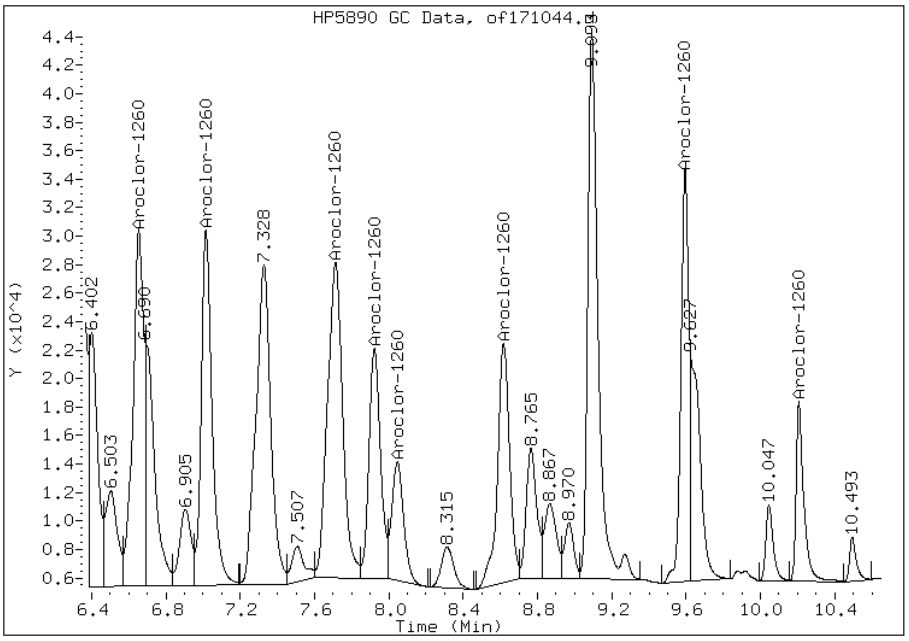
Manual Integration Results

RT: 6.65

Response: 100937

Amount: 345.82

Conc: 13000.00



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-2-SI-E (10.5-11.0) Lab Sample ID: 460-24280-16

Matrix: Solid Lab File ID: or171044.d

Analysis Method: 8082 Date Collected: 03/17/2011 11:30

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.02(g) Date Analyzed: 03/31/2011 13:55

Con. Extract Vol.: 10(mL) Dilution Factor: 50

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 12.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69122 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	3800	U	3800	730
11104-28-2	Aroclor 1221	3800	U	3800	1200
11141-16-5	Aroclor 1232	3800	U	3800	2200
12672-29-6	Aroclor 1248	3800	U	3800	1000
11097-69-1	Aroclor 1254	3800	U	3800	1300
37324-23-5	Aroclor 1262	3800	U	3800	660
11100-14-4	Aroclor 1268	3800	U	3800	660

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	D X	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11a.b/or171044.d
Lab Smp Id: 460-24280-F-16-A Client Smp ID: PMP-2-SI-E (10.5-11
Inj Date : 31-MAR-2011 13:55
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-16-A
Misc Info : 460-24280-F-16-A
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11a.b/08Or8082.m
Meth Date : 31-Mar-2011 10:45 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 7
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	15.02000	Weight of sample extracted (g)
M	12.80788	% 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		
2.525	2.512	0.013	120743	1429.67	54000	80.00- 120.00	100.00
2.862	2.852	0.010	197022	1443.01	55000	129.33- 194.00	163.17
3.058	3.052	0.006	146646	1507.01	58000	92.18- 138.26	121.45
3.330	3.323	0.007	408176	1457.73	56000	265.24- 397.85	338.05
3.477	3.470	0.007	149659	1480.92	56000	95.73- 143.59	123.95
3.692	3.692	0.000	264770	1386.07	53000	180.95- 271.42	219.28
3.923	3.922	0.001	162634	1429.52	54000	107.77- 161.65	134.69
4.662	4.667	-0.005	243252	2309.91	88000	99.75- 149.63	201.46
Average of Peak Concentrations =					59000		
27 Aroclor-1260					CAS #: 11096-82-5		
5.357	5.355	0.002	77269	361.979	14000	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)							
5.705	5.702	0.003	126679	339.653	13000	139.51- 209.27	163.95
6.055	6.055	0.000	104033	306.177	12000	129.05- 193.57	134.64
6.207	6.205	0.002	55486	370.492	14000	58.05- 87.07	71.81
6.557	6.557	0.000	55251	348.969	13000	59.73- 89.59	71.50
7.600	7.600	0.000	52218	243.107	9300	72.56- 108.84	67.58
7.772	7.772	0.000	39604	347.727	13000	47.40- 71.11	51.25
8.957	8.957	0.000	31643	314.624	12000	39.73- 59.59	40.95
			Average of Peak Concentrations =		12000		

QC Flag Legend

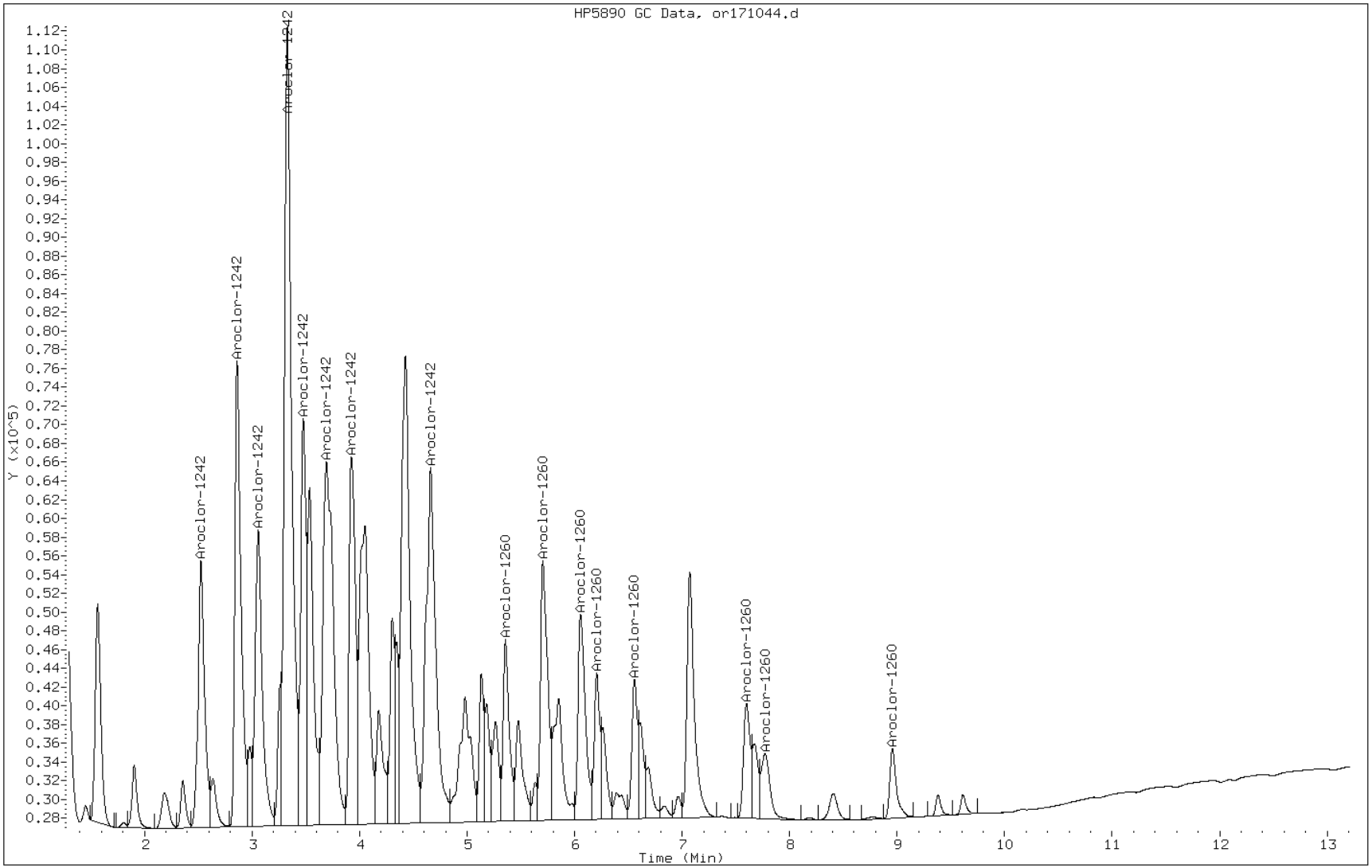
M - Compound response manually integrated.

Data File: or171044.d

Date: 31-MAR-2011 13:55

Client ID: PMP-2-SI-E (10.5-11 Instrument: PESTGC7.i

Sample Info: 460-24280-F-16-A Operator: 615



Manual Integration Report

Data File: or171044.d
Inj. Date and Time: 31-MAR-2011 13:55
Instrument ID: PESTGC7.i
Client ID: PMP-2-SI-E (10.5-11
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/31/2011

Processing Integration Results

Not Detected

Expected RT: 5.36

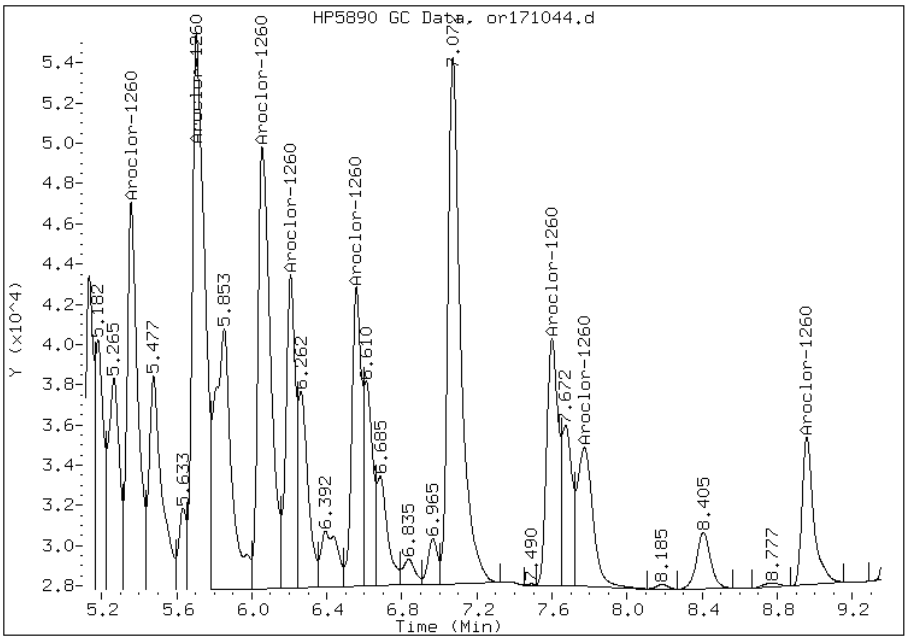
Manual Integration Results

RT: 5.36

Response: 77269

Amount: 329.09

Conc: 12000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5-VD-E (3.5-4) Lab Sample ID: 460-24280-17

Matrix: Solid Lab File ID: of171025.d

Analysis Method: 8082 Date Collected: 03/17/2011 11:55

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.03(g) Date Analyzed: 03/31/2011 08:31

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 3.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69083 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	130		69	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	132		30-150

Data File: of171025.d
Report Date: 31-Mar-2011 13:13

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-30-11/30mar11e.b/of171025.d
Lab Smp Id: 460-24280-F-17-A Client Smp ID: PMP-5-VD-E (3.5-4)
Inj Date : 31-MAR-2011 08:31
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-17-A
Misc Info : 460-24280-F-17-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/front/Mar11/03-30-11/30mar11e.b/08Of8082.m
Meth Date : 31-Mar-2011 13:13 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 66
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	3.39426	% 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		
3.177	3.160	0.017	12777	148.795	100	80.00- 120.00	100.00(M)
3.647	3.633	0.014	28726	174.938	120	152.98- 229.47	224.83
3.933	3.922	0.011	13764	169.922	120	75.46- 113.20	107.72
4.190	4.180	0.010	59641	196.708	140	282.47- 423.70	466.78
4.360	4.350	0.010	28185	217.319	150	120.83- 181.24	220.59
4.605	4.598	0.007	13795	211.291	140	60.83- 91.24	107.97
5.103	5.097	0.006	26844	219.957	150	113.70- 170.55	210.10
5.432	5.425	0.007	18241	206.183	140	82.42- 123.63	142.76
		Average of Peak Concentrations =			130		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.700	10.698	0.002	195720	65.9735	45	80.00- 120.00	100.00

Data File: of171025.d
Report Date: 31-Mar-2011 13:13

QC Flag Legend

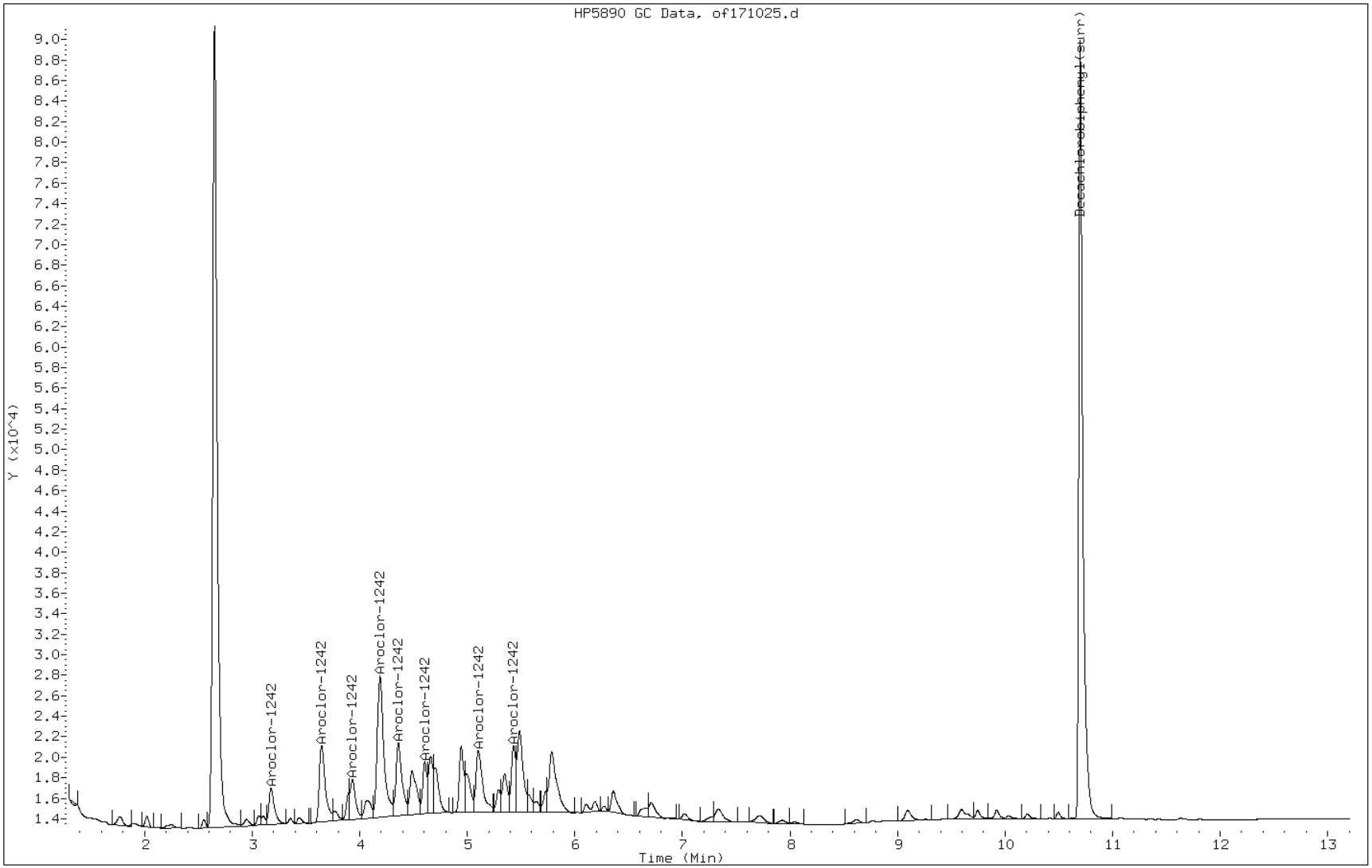
M - Compound response manually integrated.

Data File: of171025.d

Date: 31-MAR-2011 08:31

Client ID: PMP-5-VD-E (3.5-4) Instrument: PESTGC7.i

Sample Info: 460-24280-F-17-A Operator: 615



Manual Integration Report

Data File: of171025.d
Inj. Date and Time: 31-MAR-2011 08:31
Instrument ID: PESTGC7.i
Client ID: PMP-5-VD-E (3.5-4)
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/31/2011

Processing Integration Results

Not Detected

Expected RT: 3.16

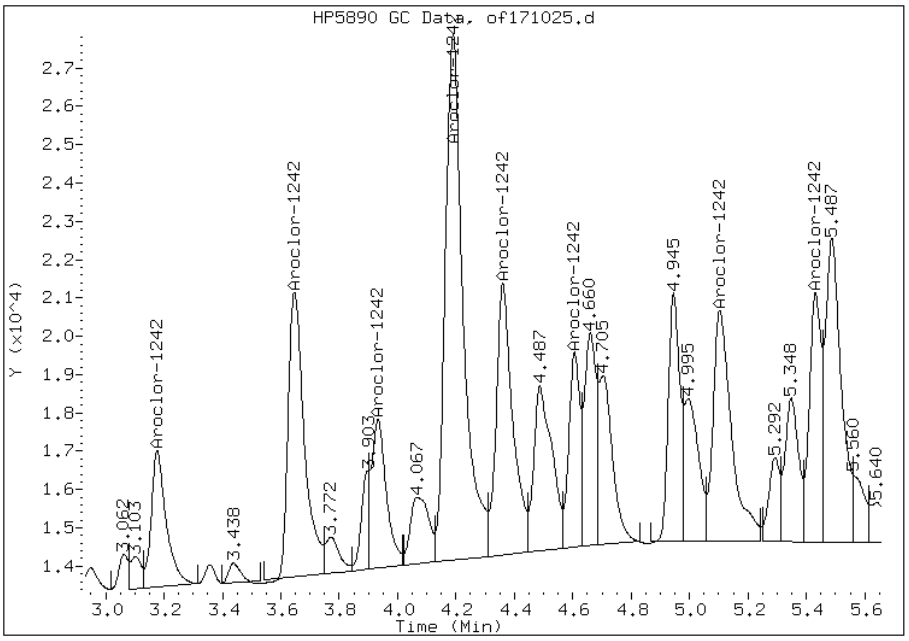
Manual Integration Results

RT: 3.18

Response: 12777

Amount: 193.14

Conc: 130.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5-VD-E (3.5-4) Lab Sample ID: 460-24280-17

Matrix: Solid Lab File ID: or171025.d

Analysis Method: 8082 Date Collected: 03/17/2011 11:55

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.03(g) Date Analyzed: 03/31/2011 08:31

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 3.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69083 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	69	U	69	13
11104-28-2	Aroclor 1221	69	U	69	21
11141-16-5	Aroclor 1232	69	U	69	39
12672-29-6	Aroclor 1248	69	U	69	18
11097-69-1	Aroclor 1254	69	U	69	24
11096-82-5	Aroclor 1260	69	U	69	7.7
37324-23-5	Aroclor 1262	69	U	69	12
11100-14-4	Aroclor 1268	69	U	69	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	126		30-150

Data File: or171025.d
Report Date: 31-Mar-2011 13:14

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-30-11/30mar11e.b/or171025.d
Lab Smp Id: 460-24280-F-17-A Client Smp ID: PMP-5-VD-E (3.5-4)
Inj Date : 31-MAR-2011 08:31
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-17-A
Misc Info : 460-24280-F-17-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/rear/Mar11/03-30-11/30mar11e.b/08Or8082.m
Meth Date : 31-Mar-2011 13:14 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 66
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	3.39426	% 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		
2.530	2.512	0.018	14759	174.756	120	80.00- 120.00	100.00(M)
2.865	2.852	0.013	22093	161.812	110	129.33- 194.00	149.69
3.062	3.052	0.010	16606	170.652	120	92.18- 138.26	112.51
3.332	3.323	0.009	51513	183.970	130	265.24- 397.85	349.03
3.480	3.470	0.010	19015	188.159	130	95.73- 143.59	128.84
3.697	3.692	0.005	25049	131.131	90	180.95- 271.42	169.72
3.927	3.922	0.005	21443	188.480	130	107.77- 161.65	145.29
4.663	4.667	-0.004	22044	209.329	140	99.75- 149.63	149.36
Average of Peak Concentrations =					120		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.610	9.610	0.000	233808	63.0617	43	80.00- 120.00	100.00

Data File: or171025.d
Report Date: 31-Mar-2011 13:14

QC Flag Legend

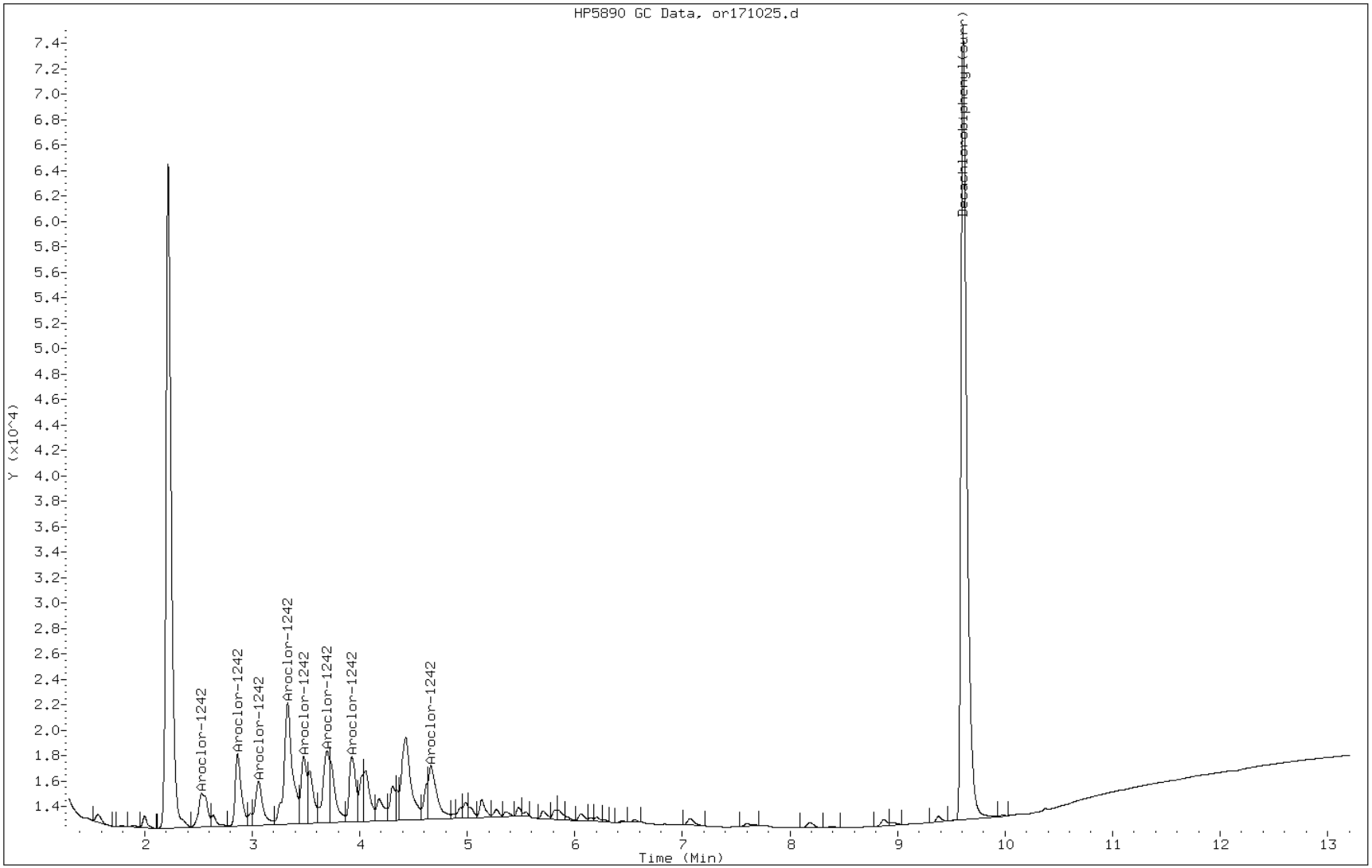
M - Compound response manually integrated.

Data File: or171025.d

Date: 31-MAR-2011 08:31

Client ID: PMP-5-VD-E (3.5-4) Instrument: PESTGC7.i

Sample Info: 460-24280-F-17-A Operator: 615



Manual Integration Report

Data File: or171025.d
Inj. Date and Time: 31-MAR-2011 08:31
Instrument ID: PESTGC7.i
Client ID: PMP-5-VD-E (3.5-4)
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 03/31/2011

Processing Integration Results

Not Detected

Expected RT: 2.51

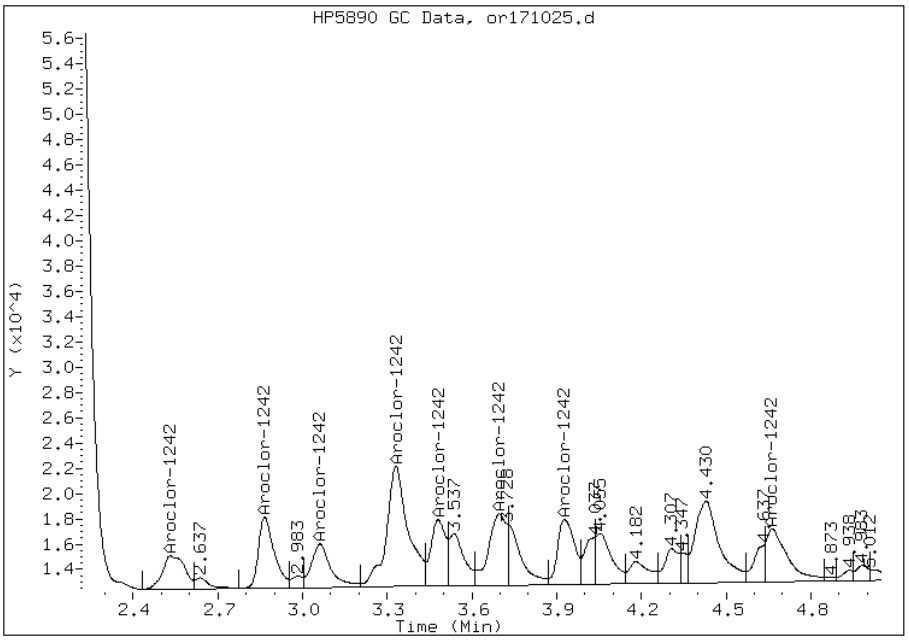
Manual Integration Results

RT: 2.53

Response: 14759

Amount: 176.04

Conc: 120.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5-WT-E (8-8.5) Lab Sample ID: 460-24280-18

Matrix: Solid Lab File ID: of171089.d

Analysis Method: 8082 Date Collected: 03/17/2011 12:00

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.05(g) Date Analyzed: 04/01/2011 03:37

Con. Extract Vol.: 10(mL) Dilution Factor: 250

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 5.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69162 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	270000		18000	3400
11096-82-5	Aroclor 1260	53000		18000	2000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11c.b/of171089.d
Lab Smp Id: 460-24280-F-18-A Client Smp ID: PMP-5-WT-E (8-8.5)
Inj Date : 01-APR-2011 03:37
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-18-A
Misc Info : 460-24280-F-18-A
Comment :
Method : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11c.b/08Of8082.m
Meth Date : 31-Mar-2011 10:47 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 45
Dil Factor: 250.00000
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	250.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	5.60579	% 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		
3.170	3.160	0.010	117173	1364.54	240000	80.00- 120.00	100.00(M)
3.642	3.633	0.009	240957	1467.40	260000	152.98- 229.47	205.64
3.927	3.922	0.005	123010	1518.60	270000	75.46- 113.20	104.98
4.185	4.180	0.005	451406	1488.83	260000	282.47- 423.70	385.25
4.355	4.350	0.005	203157	1566.43	280000	120.83- 181.24	173.38
4.602	4.598	0.004	95894	1468.76	260000	60.83- 91.24	81.84
5.098	5.097	0.001	208657	1709.71	300000	113.70- 170.55	178.08
5.427	5.425	0.002	134628	1521.74	270000	82.42- 123.63	114.90
Average of Peak Concentrations =					270000		
27 Aroclor-1260					CAS #: 11096-82-5		
6.653	6.652	0.001	89528	338.007	59000	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)							
7.015	7.012	0.003	89663	303.999	53000	89.30- 133.95	100.15
7.713	7.710	0.003	113746	267.476	47000	130.43- 195.65	127.05
7.922	7.917	0.005	61331	306.344	54000	61.07- 91.61	68.50
8.047	8.040	0.007	32956	286.634	50000	36.16- 54.24	36.81
8.618	8.613	0.005	64327	283.515	50000	70.36- 105.54	71.85
9.595	9.592	0.003	76077	289.692	51000	82.15- 123.22	84.98
10.207	10.205	0.002	30932	342.340	60000	30.14- 45.21	34.55
			Average of Peak Concentrations =		53000		

QC Flag Legend

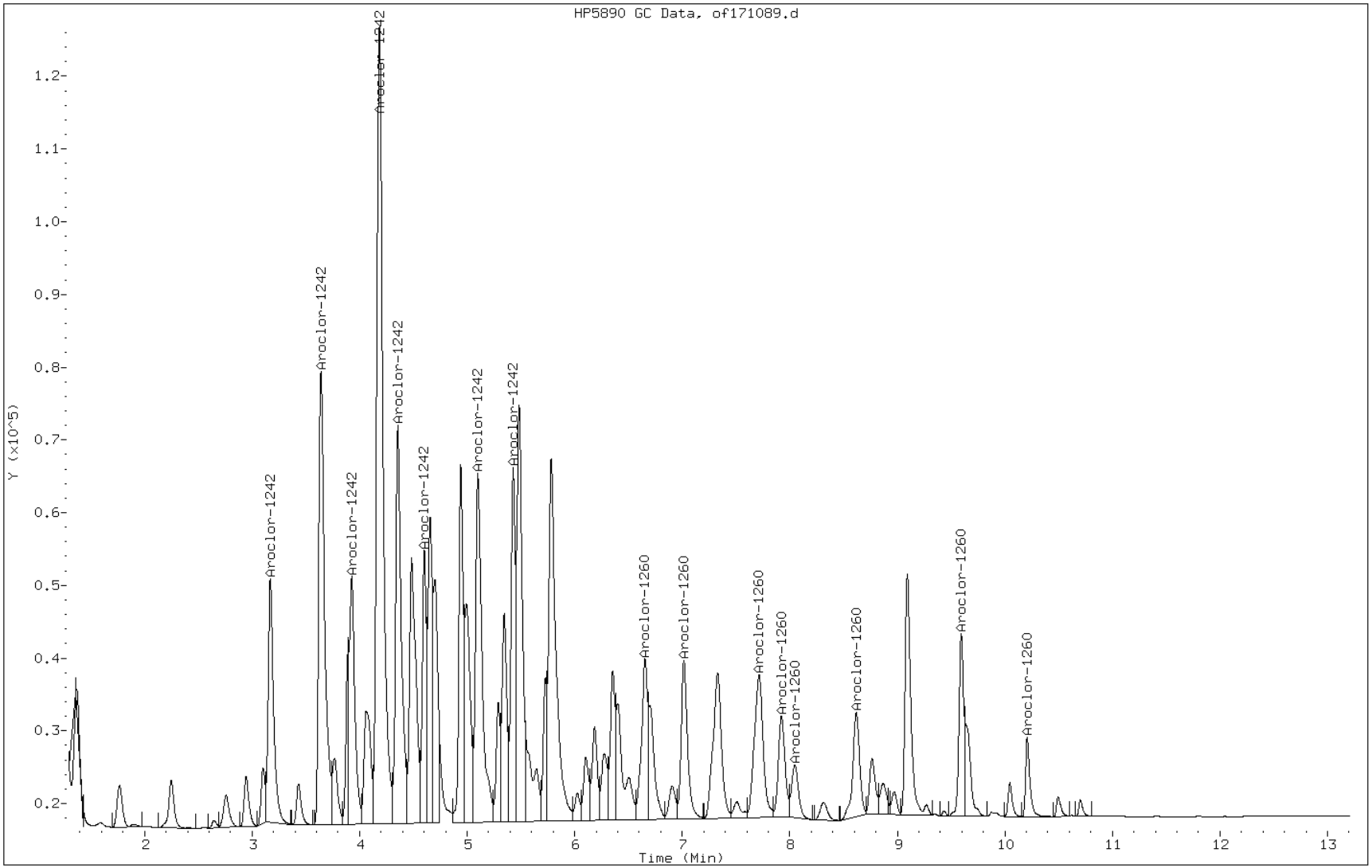
M - Compound response manually integrated.

Data File: of171089.d

Date: 01-APR-2011 03:37

Client ID: PMP-5-WT-E (8-8.5) Instrument: PESTGC7.i

Sample Info: 460-24280-F-18-A Operator: 615



Manual Integration Report

Data File: of171089.d
Inj. Date and Time: 01-APR-2011 03:37
Instrument ID: PESTGC7.i
Client ID: PMP-5-WT-E (8-8.5)
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 3.16

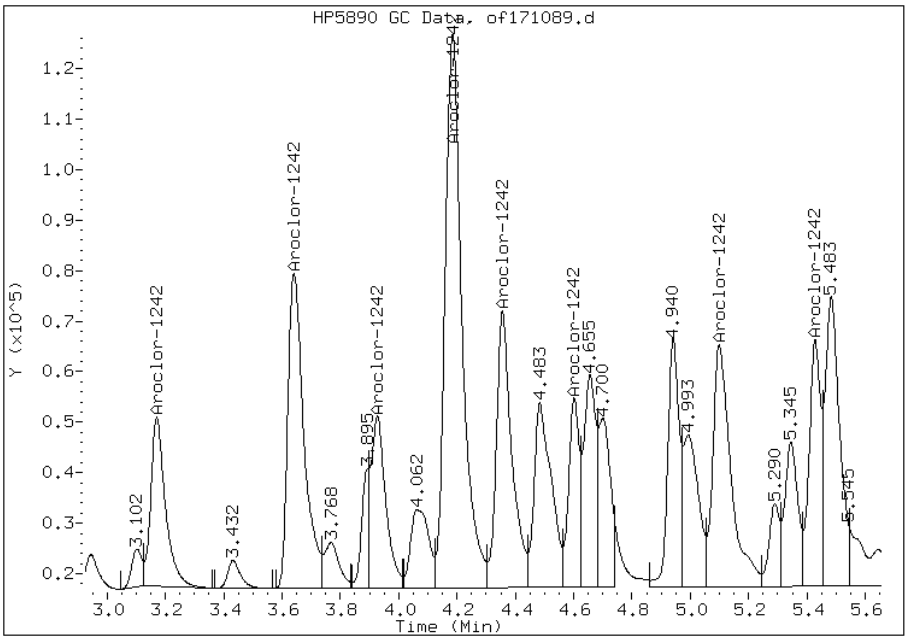
Manual Integration Results

RT: 3.17

Response: 117173

Amount: 1513.25

Conc: 270000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of171089.d
Inj. Date and Time: 01-APR-2011 03:37
Instrument ID: PESTGC7.i
Client ID: PMP-5-WT-E (8-8.5)
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 6.65

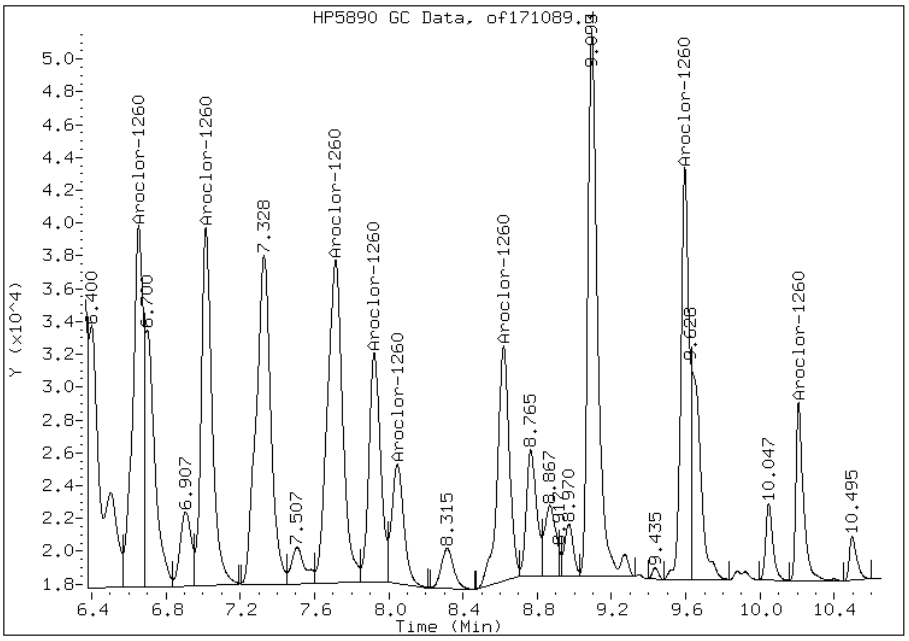
Manual Integration Results

RT: 6.65

Response: 89528

Amount: 302.25

Conc: 53000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5-WT-E (8-8.5) Lab Sample ID: 460-24280-18

Matrix: Solid Lab File ID: or171089.d

Analysis Method: 8082 Date Collected: 03/17/2011 12:00

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.05(g) Date Analyzed: 04/01/2011 03:37

Con. Extract Vol.: 10(mL) Dilution Factor: 250

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 5.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69162 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	18000	U	18000	3400
11104-28-2	Aroclor 1221	18000	U	18000	5300
11141-16-5	Aroclor 1232	18000	U	18000	10000
12672-29-6	Aroclor 1248	18000	U	18000	4700
11097-69-1	Aroclor 1254	18000	U	18000	6000
37324-23-5	Aroclor 1262	18000	U	18000	3000
11100-14-4	Aroclor 1268	18000	U	18000	3000

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

Data File: or171089.d
Report Date: 01-Apr-2011 04:26

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11c.b/or171089.d
Lab Smp Id: 460-24280-F-18-A Client Smp ID: PMP-5-WT-E (8-8.5)
Inj Date : 01-APR-2011 03:37
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-18-A
Misc Info : 460-24280-F-18-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11c.b/08Or8082.m
Meth Date : 01-Apr-2011 04:25 diazc Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 45
Dil Factor: 250.00000
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	250.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.05000	Weight of sample extracted (g)
M	5.60579	% 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		
2.522	2.512	0.010	106841	1265.06	220000	80.00- 120.00	100.00(H)
2.858	2.852	0.006	183755	1345.85	240000	129.33- 194.00	171.99
3.057	3.052	0.005	135360	1391.03	240000	92.18- 138.26	126.69
3.327	3.323	0.004	414014	1478.58	260000	265.24- 397.85	387.50
3.475	3.470	0.005	142448	1409.57	250000	95.73- 143.59	133.33
3.690	3.692	-0.002	254496	1332.29	230000	180.95- 271.42	238.20
3.923	3.922	0.001	155435	1366.25	240000	107.77- 161.65	145.48
4.660	4.667	-0.007	0			99.75- 149.63	0.00
Average of Peak Concentrations =					240000		
27 Aroclor-1260					CAS #: 11096-82-5		
5.357	5.357	0.000	66185	310.054	54000	80.00- 120.00	100.00(MH)

Data File: or171089.d
Report Date: 01-Apr-2011 04:26

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.705	5.703	0.002	106169	284.662	50000	137.19- 205.78	160.41
6.055	6.057	-0.002	82978	244.210	43000	126.77- 190.16	125.37
6.207	6.207	0.000	43057	287.501	50000	56.56- 84.84	65.06
6.557	6.557	0.000	43445	274.402	48000	59.79- 89.68	65.64
7.600	7.600	0.000	45440	211.551	37000	103.96- 155.95	68.66
7.772	7.772	0.000	34362	301.702	53000	47.06- 70.60	51.92
8.957	8.957	0.000	28142	279.814	49000	38.69- 58.03	42.52
		Average of Peak Concentrations =			48000		

QC Flag Legend

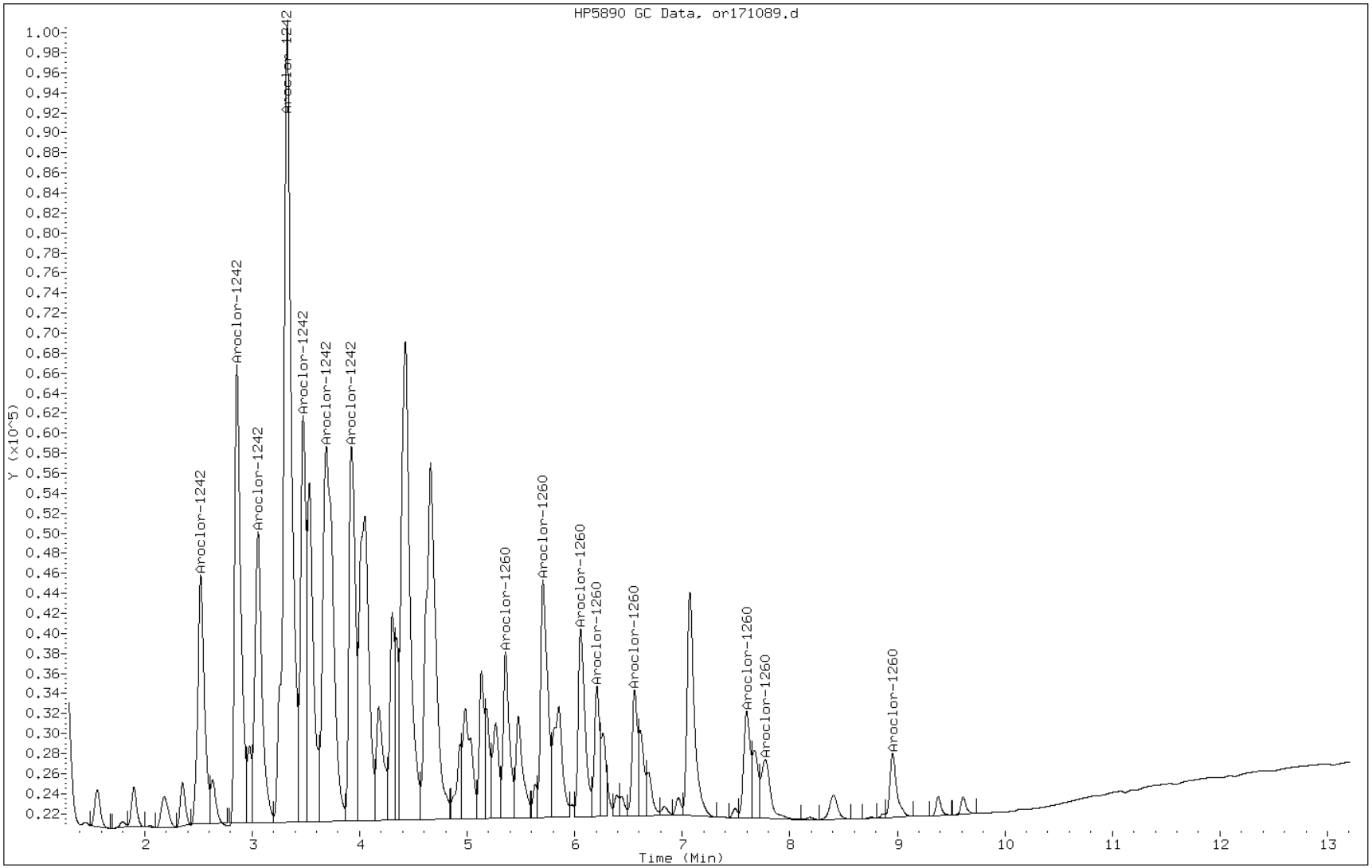
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: or171089.d

Date: 01-APR-2011 03:37

Client ID: PMP-5-WT-E (8-8.5) Instrument: PESTGC7.i

Sample Info: 460-24280-F-18-A Operator: 615



Manual Integration Report

Data File: or171089.d
Inj. Date and Time: 01-APR-2011 03:37
Instrument ID: PESTGC7.i
Client ID: PMP-5-WT-E (8-8.5)
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 5.36

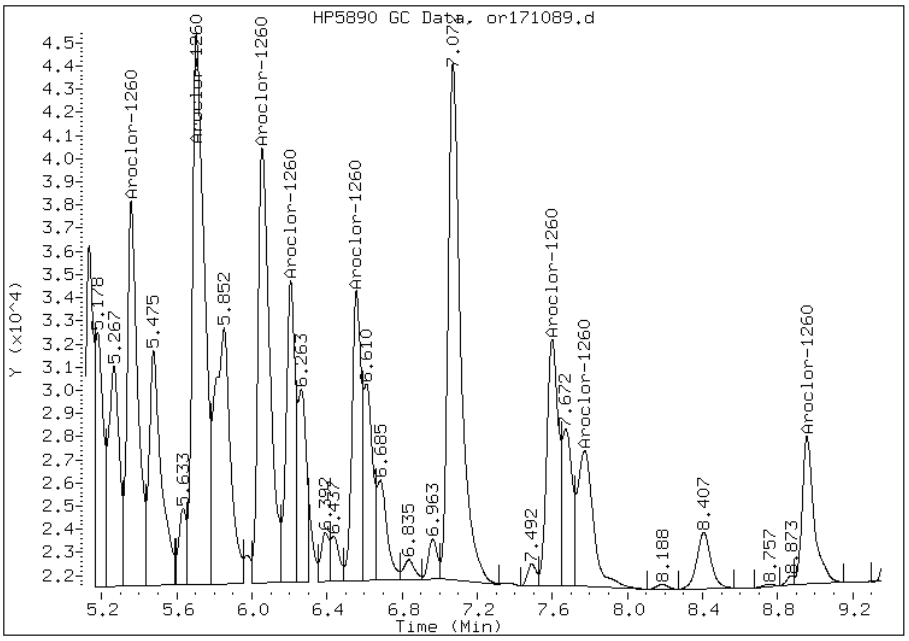
Manual Integration Results

RT: 5.36

Response: 66185

Amount: 274.24

Conc: 48000.00



Manually Integrated By: diazc
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5SI-E (10.5-11) Lab Sample ID: 460-24280-19

Matrix: Solid Lab File ID: of171090.d

Analysis Method: 8082 Date Collected: 03/17/2011 12:05

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.00(g) Date Analyzed: 04/01/2011 03:54

Con. Extract Vol.: 10(mL) Dilution Factor: 250

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 14.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69162 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
53469-21-9	Aroclor 1242	200000		19000	3700
11096-82-5	Aroclor 1260	37000		19000	2200

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	*X D*	30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11c.b/of171090.d
Lab Smp Id: 460-24280-F-19-A Client Smp ID: PMP-5SI-E (10.5-11)
Inj Date : 01-APR-2011 03:54
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-19-A
Misc Info : 460-24280-F-19-A
Comment :
Method : /chem1/PESTGC7.i/8082/front/Mar11/03-31-11/31mar11c.b/08Of8082.m
Meth Date : 31-Mar-2011 10:47 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 46
Dil Factor: 250.00000
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	250.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	13.95349	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
24 Aroclor-1242					CAS #: 53469-21-9		
3.170	3.160	0.010	82650	962.501	190000	80.00- 120.00	100.00(MH)
3.640	3.633	0.007	164483	1001.68	190000	152.98- 229.47	199.01
3.927	3.922	0.005	79380	979.976	190000	75.46- 113.20	96.04
4.185	4.180	0.005	303020	999.423	190000	282.47- 423.70	366.63
4.355	4.350	0.005	137203	1057.90	200000	120.83- 181.24	166.00
4.602	4.598	0.004	64732	991.469	190000	60.83- 91.24	78.32
5.098	5.097	0.001	139849	1145.91	220000	113.70- 170.55	169.21
5.428	5.425	0.003	86868	981.892	190000	82.42- 123.63	105.10
Average of Peak Concentrations =					200000		
27 Aroclor-1260					CAS #: 11096-82-5		
6.653	6.652	0.001	90615	342.110	66000	80.00- 120.00	100.00(MH)

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.015	7.012	0.003	52979	179.623	35000	89.30- 133.95	58.47
7.715	7.710	0.005	63488	149.293	29000	130.43- 195.65	70.06
7.922	7.917	0.005	33796	168.809	33000	61.07- 91.61	37.30
8.045	8.040	0.005	17467	151.919	29000	36.16- 54.24	19.28
8.618	8.613	0.005	38280	168.716	33000	70.36- 105.54	42.24
9.595	9.592	0.003	47165	179.598	35000	82.15- 123.22	52.05
10.207	10.205	0.002	18606	205.922	40000	30.14- 45.21	20.53
		Average of Peak Concentrations =			37000		

QC Flag Legend

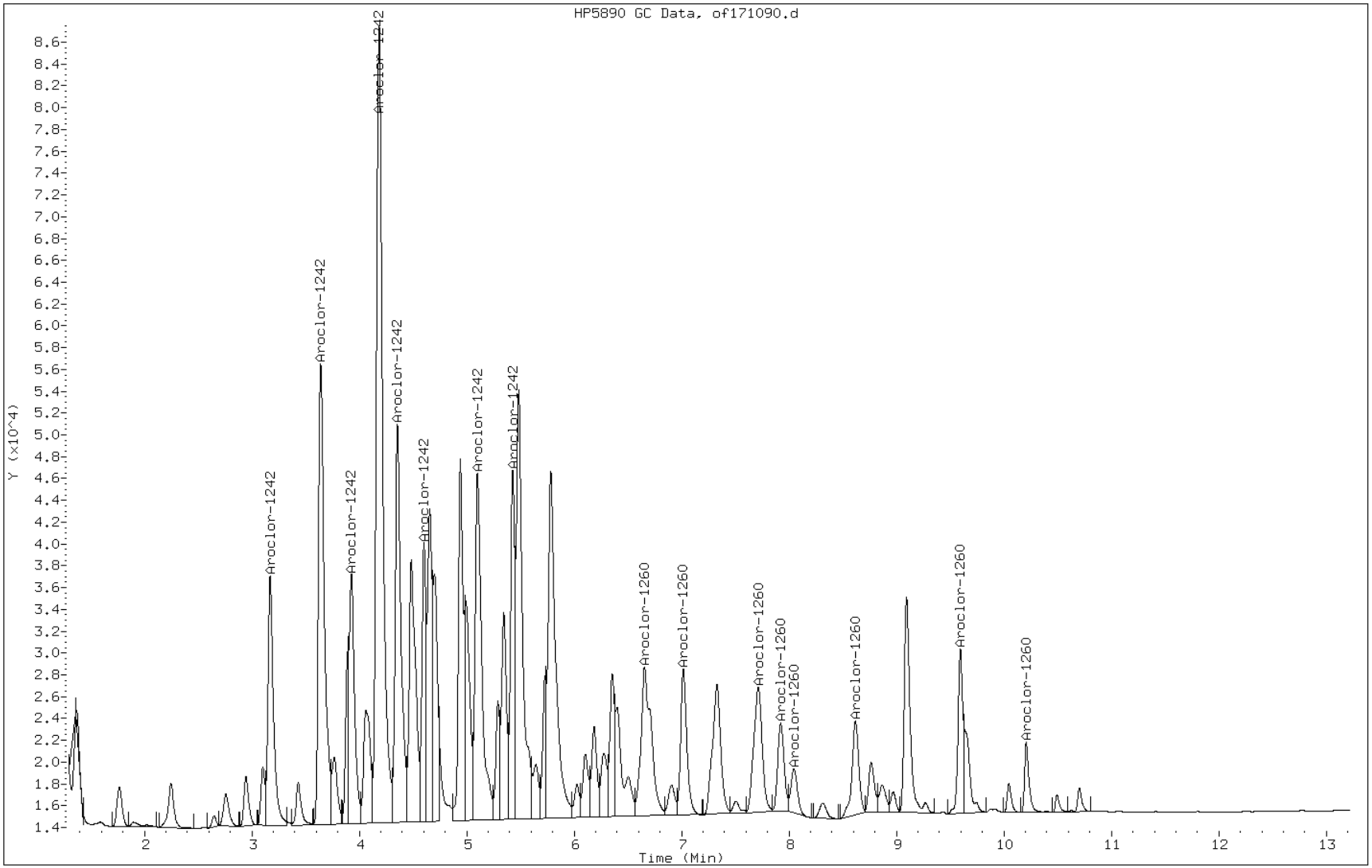
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: of171090.d

Date: 01-APR-2011 03:54

Client ID: PMP-5SI-E (10.5-11) Instrument: PESTGC7.i

Sample Info: 460-24280-F-19-A Operator: 615



Manual Integration Report

Data File: of171090.d
Inj. Date and Time: 01-APR-2011 03:54
Instrument ID: PESTGC7.i
Client ID: PMP-5SI-E (10.5-11)
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 3.16

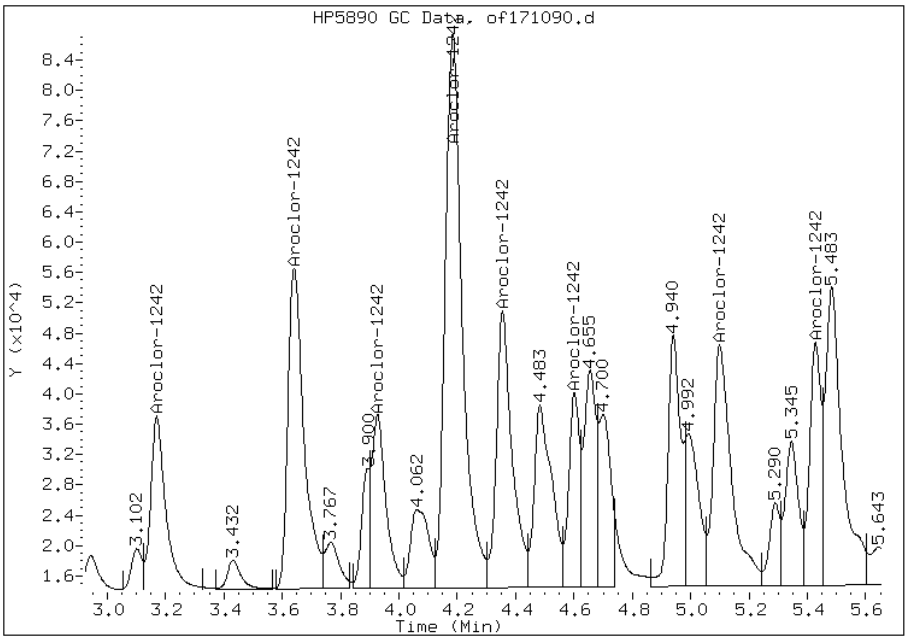
Manual Integration Results

RT: 3.17

Response: 82650

Amount: 1015.09

Conc: 200000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of171090.d
Inj. Date and Time: 01-APR-2011 03:54
Instrument ID: PESTGC7.i
Client ID: PMP-5SI-E (10.5-11)
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 6.65

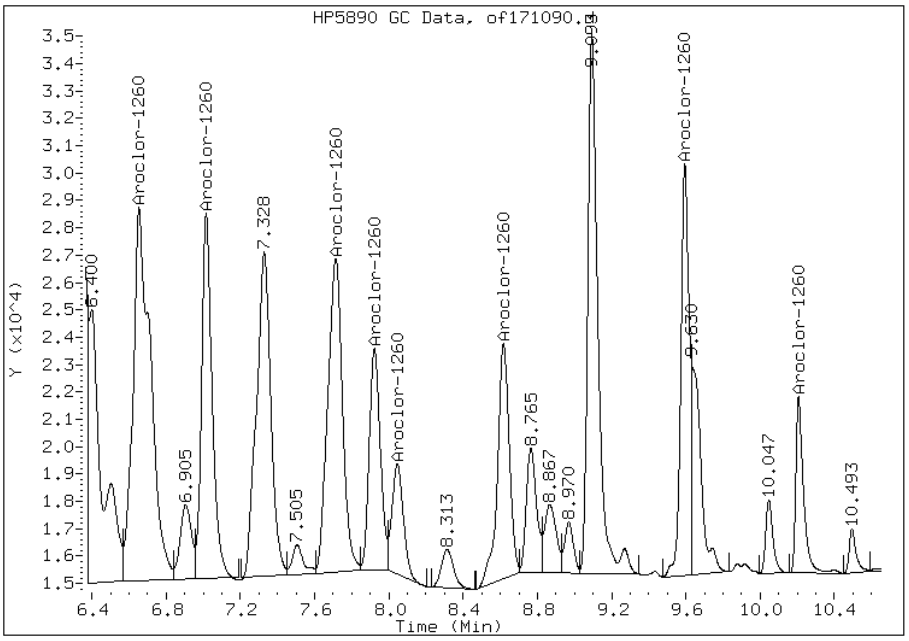
Manual Integration Results

RT: 6.65

Response: 90615

Amount: 193.25

Conc: 37000.00



Manually Integrated By: diazc
Manual Integration Reason:

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5SI-E (10.5-11) Lab Sample ID: 460-24280-19

Matrix: Solid Lab File ID: or171090.d

Analysis Method: 8082 Date Collected: 03/17/2011 12:05

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.00(g) Date Analyzed: 04/01/2011 03:54

Con. Extract Vol.: 10(mL) Dilution Factor: 250

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 14.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69162 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	19000	U	19000	3700
11104-28-2	Aroclor 1221	19000	U	19000	5900
11141-16-5	Aroclor 1232	19000	U	19000	11000
12672-29-6	Aroclor 1248	19000	U	19000	5200
11097-69-1	Aroclor 1254	19000	U	19000	6700
37324-23-5	Aroclor 1262	19000	U	19000	3300
11100-14-4	Aroclor 1268	19000	U	19000	3300

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	0	X D	30-150

Data File: or171090.d
Report Date: 01-Apr-2011 04:40

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11c.b/or171090.d
Lab Smp Id: 460-24280-F-19-A Client Smp ID: PMP-5SI-E (10.5-11)
Inj Date : 01-APR-2011 03:54
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-24280-F-19-A
Misc Info : 460-24280-F-19-A
Comment   :
Method   : /chem1/PESTGC7.i/8082/rear/Mar11/03-31-11/31mar11c.b/08Or8082.m
Meth Date : 01-Apr-2011 04:25 diazc Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 46
Dil Factor: 250.00000
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	250.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	13.95349	% 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		
2.522	2.512	0.010	72112	853.851	160000	80.00- 120.00	100.00(MH)
2.858	2.852	0.006	124336	910.653	180000	129.33- 194.00	172.42
3.057	3.052	0.005	88989	914.499	180000	92.18- 138.26	123.40
3.327	3.323	0.004	250277	893.824	170000	265.24- 397.85	347.07
3.475	3.470	0.005	92842	918.700	180000	95.73- 143.59	128.75
3.690	3.692	-0.002	169593	887.819	170000	180.95- 271.42	235.18
3.923	3.922	0.001	100544	883.763	170000	107.77- 161.65	139.43
4.660	4.667	-0.007	78070	741.349	140000	99.75- 149.63	108.26
Average of Peak Concentrations =					170000		
27 Aroclor-1260					CAS #: 11096-82-5		
5.357	5.357	0.000	34648	162.314	31000	80.00- 120.00	100.00(H)

Data File: or171090.d
Report Date: 01-Apr-2011 04:40

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
5.705	5.703	0.002	62281	166.989	32000	137.19- 205.78	179.75
6.055	6.057	-0.002	46772	137.653	27000	126.77- 190.16	134.99
6.207	6.207	0.000	37380	249.595	48000	56.56- 84.84	107.88
6.557	6.557	0.000	38089	240.573	46000	59.79- 89.68	109.93
7.598	7.600	-0.002	23858	111.074	22000	103.96- 155.95	68.86
7.772	7.772	0.000	15985	140.350	27000	47.06- 70.60	46.14
8.955	8.957	-0.002	15923	158.321	31000	38.69- 58.03	45.96
			Average of Peak Concentrations =		33000		

QC Flag Legend

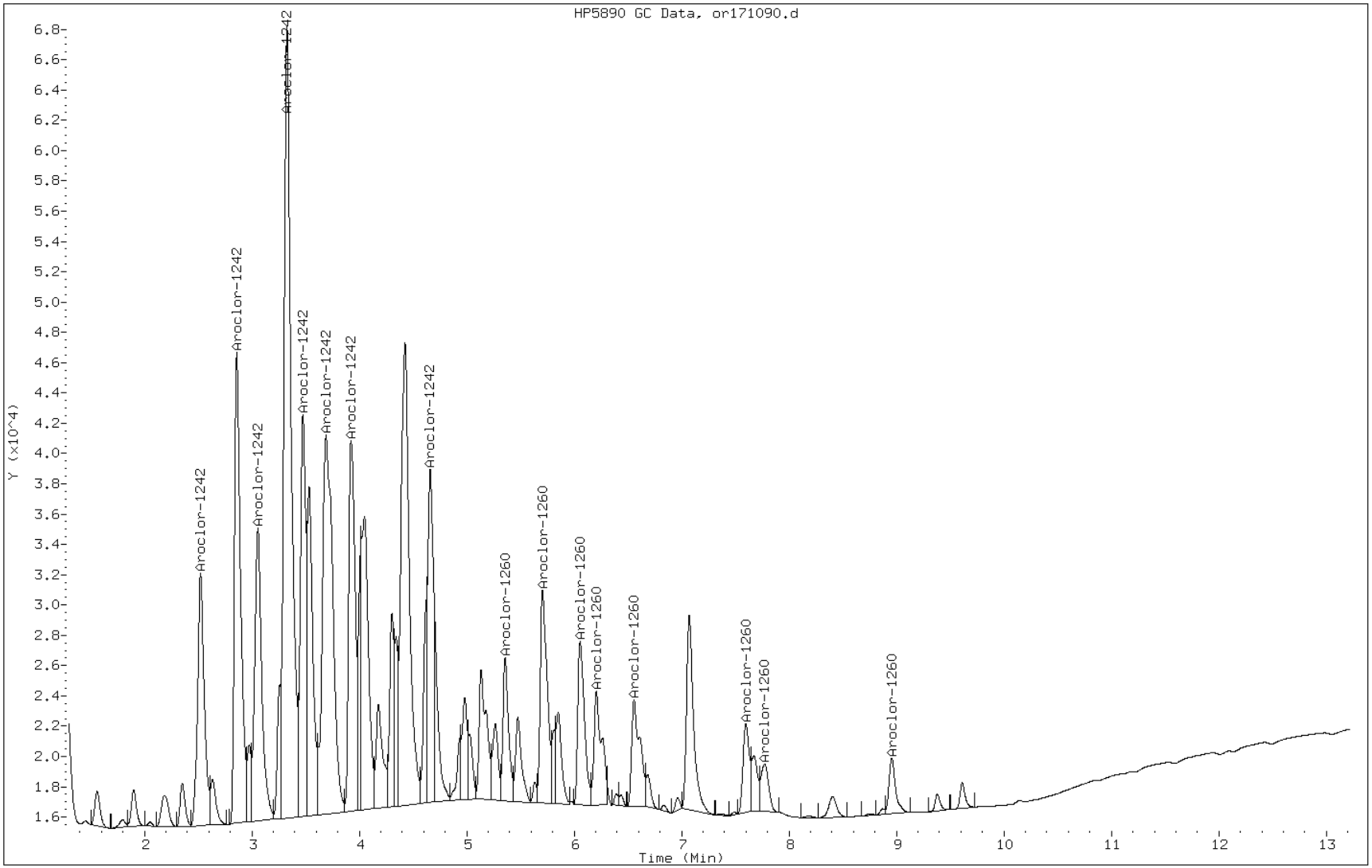
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: or171090.d

Date: 01-APR-2011 03:54

Client ID: PMP-5SI-E (10.5-11) Instrument: PESTGC7.i

Sample Info: 460-24280-F-19-A Operator: 615



Manual Integration Report

Data File: or171090.d
Inj. Date and Time: 01-APR-2011 03:54
Instrument ID: PESTGC7.i
Client ID: PMP-5SI-E (10.5-11)
Compound: 24 Aroclor-1242
CAS #: 53469-21-9
Report Date: 04/01/2011

Processing Integration Results

Not Detected

Expected RT: 2.51

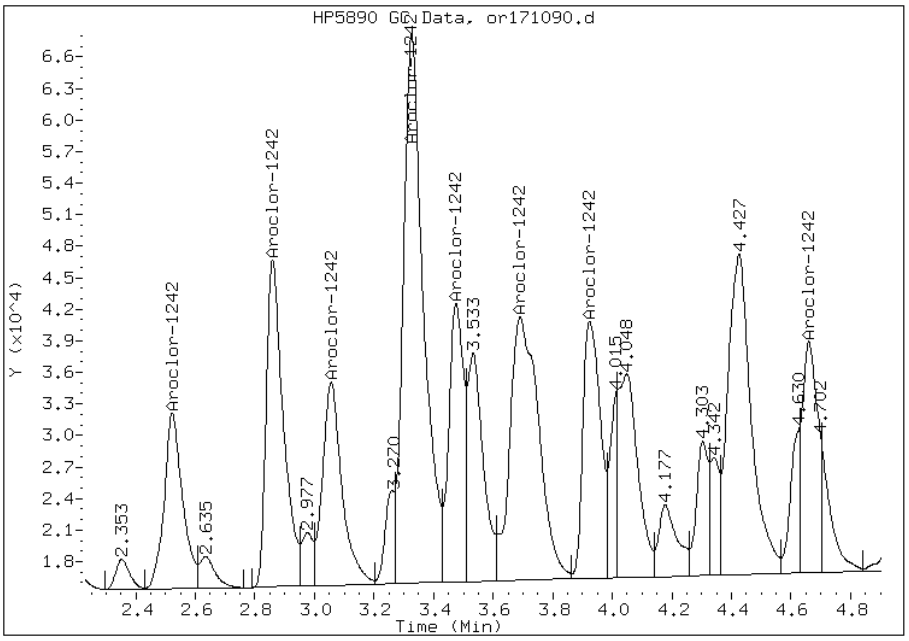
Manual Integration Results

RT: 2.52

Response: 72112

Amount: 875.56

Conc: 170000.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 21:40 Calibration End Date: 03/08/2011 22:45 Calibration ID: 10061

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/5	of170283.d
Level 2	IC 460-66778/6	of170284.d
Level 3	IC 460-66778/7	of170285.d
Level 4	IC 460-66778/8	of170286.d
Level 5	IC 460-66778/9	of170287.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	3.163	3.157	3.160	3.158	3.160						3.090 - 3.230	3.160
PCB-1016 Peak 2	3.638	3.630	3.633	3.633	3.635						3.563 - 3.703	3.634
PCB-1016 Peak 3	3.925	3.918	3.922	3.922	3.922						3.852 - 3.992	3.922
PCB-1016 Peak 4	4.183	4.177	4.180	4.180	4.182						4.110 - 4.250	4.180
PCB-1016 Peak 5	4.353	4.348	4.350	4.350	4.352						4.280 - 4.420	4.351
PCB-1016 Peak 6	4.657	4.650	4.653	4.652	4.653						4.583 - 4.723	4.653
PCB-1016 Peak 7	4.942	4.937	4.938	4.938	4.938						4.868 - 5.008	4.939
PCB-1016 Peak 8	5.100	5.095	5.097	5.097	5.098						5.027 - 5.167	5.097
PCB-1260 Peak 1	6.660	6.655	6.657	6.657	6.657						6.587 - 6.727	6.657
PCB-1260 Peak 2	7.020	7.015	7.017	7.017	7.017						6.947 - 7.087	7.017
PCB-1260 Peak 3	7.718	7.713	7.717	7.717	7.718						7.647 - 7.787	7.717
PCB-1260 Peak 4	7.930	7.923	7.927	7.927	7.927						7.857 - 7.997	7.927
PCB-1260 Peak 5	8.053	8.048	8.050	8.050	8.052						7.980 - 8.120	8.051
PCB-1260 Peak 6	8.625	8.620	8.622	8.622	8.623						8.552 - 8.692	8.622
PCB-1260 Peak 7	9.598	9.595	9.597	9.597	9.597						9.527 - 9.667	9.597
PCB-1260 Peak 8	10.210	10.208	10.208	10.208	10.208						10.138 - 10.278	10.209
DCB Decachlorobiphenyl	10.703	10.702	10.702	10.702	10.702						10.602 - 10.802	10.702

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 21:40 Calibration End Date: 03/08/2011 22:45 Calibration ID: 10061

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/5	of170283.d
Level 2	IC 460-66778/6	of170284.d
Level 3	IC 460-66778/7	of170285.d
Level 4	IC 460-66778/8	of170286.d
Level 5	IC 460-66778/9	of170287.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	118.29 81.389	103.73	90.975	88.720	Ave		96.6215600				15.1		20.0			
PCB-1016 Peak 2	244.39 164.47	227.15	191.25	180.41	Ave		201.534253				16.5		20.0			
PCB-1016 Peak 3	99.800 84.918	103.26	90.057	91.436	Ave		93.8942800				8.0		20.0			
PCB-1016 Peak 4	405.19 314.94	407.70	350.83	341.16	Ave		363.962720				11.3		20.0			
PCB-1016 Peak 5	176.41 135.83	176.52	151.84	148.21	Ave		157.760333				11.5		20.0			
PCB-1016 Peak 6	132.03 83.688	114.39	103.45	84.566	Ave		103.625200				19.8		20.0			
PCB-1016 Peak 7	127.48 93.860	119.84	95.170	99.213	Ave		107.112053				14.4		20.0			
PCB-1016 Peak 8	130.45 114.02	136.30	122.20	122.47	Ave		125.088120				6.8		20.0			
PCB-1260 Peak 1	341.13 217.22	285.80	241.74	238.47	Ave		264.870627				18.6		20.0			
PCB-1260 Peak 2	376.98 242.58	318.86	270.14	266.18	Ave		294.945440				18.2		20.0			
PCB-1260 Peak 3	508.50 369.08	451.49	399.85	397.37	Ave		425.256827				13.0		20.0			
PCB-1260 Peak 4	252.10 167.34	214.66	185.30	181.61	Ave		200.202840				16.8		20.0			
PCB-1260 Peak 5	132.16 102.28	122.46	107.84	110.14	Ave		114.975973				10.5		20.0			
PCB-1260 Peak 6	267.30 197.94	245.26	213.55	210.40	Ave		226.890760				12.6		20.0			
PCB-1260 Peak 7	333.32 219.75	270.50	240.31	249.19	Ave		262.613640				16.6		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 CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 21:40 Calibration End Date: 03/08/2011 22:45 Calibration ID: 10061

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	105.35 80.077	96.112	85.095	85.139	Ave		90.3547067				11.3		20.0			
DCB Decachlorobiphenyl	3876.2 2507.3	3229.0	2688.5	2532.3	Ave		2966.64467				19.7		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.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 21:40 Calibration End Date: 03/08/2011 22:45 Calibration ID: 10061

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/5	of170283.d
Level 2	IC 460-66778/6	of170284.d
Level 3	IC 460-66778/7	of170285.d
Level 4	IC 460-66778/8	of170286.d
Level 5	IC 460-66778/9	of170287.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	11829	51867	90975	133080	203472	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	24439	113574	191247	270619	411184	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	9980	51630	90057	137154	212296	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	40519	203850	350828	511737	787344	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	17641	88259	151835	222319	339565	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	13203	57194	103454	126849	209220	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	12748	59919	95170	148819	234649	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	13045	68149	122203	183711	285039	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	34113	142900	241735	357698	543057	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	37698	159429	270136	399264	606443	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	50850	225745	399850	596051	922692	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	25210	107331	185299	272415	418358	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	13216	61229	107838	165217	255698	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	26730	122628	213551	315606	494857	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	33332	135248	240313	373785	549373	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	10535	48056	85095	127709	200193	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	96904	161452	268849	379841	501452	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.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 21:40 Calibration End Date: 03/08/2011 22:45 Calibration ID: 10069

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/5	or170283.d
Level 2	IC 460-66778/6	or170284.d
Level 3	IC 460-66778/7	or170285.d
Level 4	IC 460-66778/8	or170286.d
Level 5	IC 460-66778/9	or170287.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.515	2.512	2.515	2.512	2.512						2.445 - 2.585	2.513
PCB-1016 Peak 2	2.855	2.852	2.855	2.852	2.852						2.785 - 2.925	2.853
PCB-1016 Peak 3	3.053	3.052	3.053	3.052	3.052						2.983 - 3.123	3.052
PCB-1016 Peak 4	3.325	3.323	3.325	3.323	3.323						3.255 - 3.395	3.324
PCB-1016 Peak 5	3.473	3.472	3.472	3.470	3.470						3.402 - 3.542	3.471
PCB-1016 Peak 6	3.535	3.533	3.533	3.532	3.532						3.463 - 3.603	3.533
PCB-1016 Peak 7	3.925	3.922	3.923	3.922	3.922						3.853 - 3.993	3.923
PCB-1016 Peak 8	4.057	4.053	4.053	4.052	4.052						3.983 - 4.123	4.053
PCB-1260 Peak 1	5.367	5.365	5.365	5.363	5.365						5.295 - 5.435	5.365
PCB-1260 Peak 2	5.715	5.712	5.713	5.712	5.712						5.643 - 5.783	5.713
PCB-1260 Peak 3	6.067	6.065	6.065	6.063	6.065						5.995 - 6.135	6.065
PCB-1260 Peak 4	6.220	6.218	6.218	6.217	6.218						6.148 - 6.288	6.218
PCB-1260 Peak 5	6.573	6.572	6.572	6.570	6.572						6.502 - 6.642	6.572
PCB-1260 Peak 6	7.622	7.620	7.622	7.620	7.622						7.552 - 7.692	7.621
PCB-1260 Peak 7	7.797	7.795	7.797	7.795	7.795						7.727 - 7.867	7.796
PCB-1260 Peak 8	8.975	8.975	8.975	8.975	8.975						8.905 - 9.045	8.975
DCB Decachlorobiphenyl	9.625	9.625	9.625	9.623	9.625						9.525 - 9.725	9.625

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 21:40 Calibration End Date: 03/08/2011 22:45 Calibration ID: 10069

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/5	or170283.d
Level 2	IC 460-66778/6	or170284.d
Level 3	IC 460-66778/7	or170285.d
Level 4	IC 460-66778/8	or170286.d
Level 5	IC 460-66778/9	or170287.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	118.29 82.044	106.61	90.434	89.719	Ave		97.4190133				15.1		20.0			
PCB-1016 Peak 2	190.58 140.31	191.93	159.63	154.15	Ave		167.321333				13.7		20.0			
PCB-1016 Peak 3	107.26 106.72	133.54	113.33	113.73	Ave		114.915480				9.5		20.0			
PCB-1016 Peak 4	337.95 298.39	376.36	325.32	319.88	Ave		331.579493				8.7		20.0			
PCB-1016 Peak 5	128.48 103.78	136.85	117.31	115.09	Ave		120.304693				10.6		20.0			
PCB-1016 Peak 6	80.110 95.440	107.70	96.000	97.577	Ave		95.3655467				10.4		20.0			
PCB-1016 Peak 7	131.38 113.63	144.87	125.33	122.57	Ave		127.553240				9.1		20.0			
PCB-1016 Peak 8	65.110 72.906	86.316	74.933	76.115	Ave		75.0759333				10.1		20.0			
PCB-1260 Peak 1	266.21 178.04	233.13	197.19	192.75	Ave		213.462947				16.8		20.0			
PCB-1260 Peak 2	472.48 308.81	406.27	343.00	334.26	Ave		372.965640				17.7		20.0			
PCB-1260 Peak 3	396.15 296.99	369.84	320.19	315.73	Ave		339.780720				12.2		20.0			
PCB-1260 Peak 4	189.73 125.92	161.82	136.93	134.41	Ave		149.762853				17.4		20.0			
PCB-1260 Peak 5	192.04 134.85	171.58	146.12	147.05	Ave		158.326307				14.6		20.0			
PCB-1260 Peak 6	209.54 183.43	215.54	194.82	270.65	Ave		214.794213				15.7		20.0			
PCB-1260 Peak 7	113.34 108.68	122.80	111.37	113.28	Ave		113.893813				4.7		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 EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 21:40 Calibration End Date: 03/08/2011 22:45 Calibration ID: 10069

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	110.66 93.142	105.47	95.830	97.763	Ave		100.573867				7.2		20.0			
DCB Decachlorobiphenyl	4822.5 3152.8	4018.8	3400.9	3143.1	Ave		3707.60500				19.4		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.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 21:40 Calibration End Date: 03/08/2011 22:45 Calibration ID: 10069

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/5	or170283.d
Level 2	IC 460-66778/6	or170284.d
Level 3	IC 460-66778/7	or170285.d
Level 4	IC 460-66778/8	or170286.d
Level 5	IC 460-66778/9	or170287.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	11829	53304	90434	134578	205111	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	19058	95966	159628	231229	350785	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	10726	66769	113333	170589	266801	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	33795	188181	325320	479815	745972	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	12848	68426	117312	172642	259462	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	8011	53850	96000	146366	238601	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	13138	72435	125325	183849	284063	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	6511	43158	74933	114172	182265	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	26621	116564	197193	289118	445096	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	47248	203136	343003	501396	772023	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	39615	184919	320188	473601	742484	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	18973	80910	136928	201619	314809	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	19204	85789	146115	220571	337128	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	20954	107769	194816	405973	458571	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	11334	61401	111368	169924	271691	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	11066	52737	95830	146645	232855	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	120563	200938	340091	471459	630555	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.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:02 Calibration End Date: 03/08/2011 23:02 Calibration ID: 10062

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/10	of170288.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	2.172										2.102 - 2.242	2.172
PCB-1221 Peak 2	2.528										2.458 - 2.598	2.528
PCB-1221 Peak 3	2.937										2.867 - 3.007	2.937
PCB-1221 Peak 4	3.093										3.023 - 3.163	3.093
PCB-1221 Peak 5	3.163										3.093 - 3.233	3.163
PCB-1221 Peak 6	3.703										3.633 - 3.773	3.703
PCB-1221 Peak 7	3.928										3.858 - 3.998	3.928
PCB-1221 Peak 8	4.185										4.115 - 4.255	4.185

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:02 Calibration End Date: 03/08/2011 23:02 Calibration ID: 10062

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/10	of170288.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	48.407				Ave		48.4070000						20.0			
PCB-1221 Peak 2	15.439				Ave		15.4390000						20.0			
PCB-1221 Peak 3	52.987				Ave		52.9870000						20.0			
PCB-1221 Peak 4	35.529				Ave		35.5290000						20.0			
PCB-1221 Peak 5	135.40				Ave		135.404000						20.0			
PCB-1221 Peak 6	30.790				Ave		30.7900000						20.0			
PCB-1221 Peak 7	10.996				Ave		10.9960000						20.0			
PCB-1221 Peak 8	26.185				Ave		26.1850000						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.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:02 Calibration End Date: 03/08/2011 23:02 Calibration ID: 10062

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/10	of170288.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	48407					1000				
PCB-1221 Peak 2	Ave	15439					1000				
PCB-1221 Peak 3	Ave	52987					1000				
PCB-1221 Peak 4	Ave	35529					1000				
PCB-1221 Peak 5	Ave	135404					1000				
PCB-1221 Peak 6	Ave	30790					1000				
PCB-1221 Peak 7	Ave	10996					1000				
PCB-1221 Peak 8	Ave	26185					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:02 Calibration End Date: 03/08/2011 23:02 Calibration ID: 10070

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/10	or170288.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.790										1.720 - 1.860	1.790
PCB-1221 Peak 2	2.090										2.020 - 2.160	2.090
PCB-1221 Peak 3	2.345										2.275 - 2.415	2.345
PCB-1221 Peak 4	2.515										2.445 - 2.585	2.515
PCB-1221 Peak 5	2.918										2.848 - 2.988	2.918
PCB-1221 Peak 6	2.983										2.913 - 3.053	2.983
PCB-1221 Peak 7	3.032										2.962 - 3.102	3.032
PCB-1221 Peak 8	3.327										3.257 - 3.397	3.327

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:02 Calibration End Date: 03/08/2011 23:02 Calibration ID: 10070

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/10	or170288.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	49.793				Ave		49.7930000						20.0			
PCB-1221 Peak 2	14.582				Ave		14.5820000						20.0			
PCB-1221 Peak 3	49.453				Ave		49.4530000						20.0			
PCB-1221 Peak 4	148.88				Ave		148.882000						20.0			
PCB-1221 Peak 5	11.300				Ave		11.3000000						20.0			
PCB-1221 Peak 6	22.832				Ave		22.8320000						20.0			
PCB-1221 Peak 7	10.792				Ave		10.7920000						20.0			
PCB-1221 Peak 8	20.445				Ave		20.4450000						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.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:02 Calibration End Date: 03/08/2011 23:02 Calibration ID: 10070

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/10	or170288.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	49793					1000				
PCB-1221 Peak 2	Ave	14582					1000				
PCB-1221 Peak 3	Ave	49453					1000				
PCB-1221 Peak 4	Ave	148882					1000				
PCB-1221 Peak 5	Ave	11300					1000				
PCB-1221 Peak 6	Ave	22832					1000				
PCB-1221 Peak 7	Ave	10792					1000				
PCB-1221 Peak 8	Ave	20445					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:18 Calibration End Date: 03/08/2011 23:18 Calibration ID: 10063

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/11	of170289.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	3.157										3.087 - 3.227	3.157
PCB-1232 Peak 2	3.630										3.560 - 3.700	3.630
PCB-1232 Peak 3	3.918										3.848 - 3.988	3.918
PCB-1232 Peak 4	4.348										4.278 - 4.418	4.348
PCB-1232 Peak 5	4.475										4.405 - 4.545	4.475
PCB-1232 Peak 6	4.595										4.525 - 4.665	4.595
PCB-1232 Peak 7	4.937										4.867 - 5.007	4.937
PCB-1232 Peak 8	5.093										5.023 - 5.163	5.093

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:18 Calibration End Date: 03/08/2011 23:18 Calibration ID: 10063

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/11	of170289.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	93.018				Ave		93.0180000						20.0			
PCB-1232 Peak 2	104.88				Ave		104.882000						20.0			
PCB-1232 Peak 3	42.470				Ave		42.4700000						20.0			
PCB-1232 Peak 4	70.697				Ave		70.6970000						20.0			
PCB-1232 Peak 5	51.427				Ave		51.4270000						20.0			
PCB-1232 Peak 6	35.782				Ave		35.7820000						20.0			
PCB-1232 Peak 7	58.298				Ave		58.2980000						20.0			
PCB-1232 Peak 8	68.218				Ave		68.2180000						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.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:18 Calibration End Date: 03/08/2011 23:18 Calibration ID: 10063

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/11	of170289.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	93018					1000				
PCB-1232 Peak 2	Ave	104882					1000				
PCB-1232 Peak 3	Ave	42470					1000				
PCB-1232 Peak 4	Ave	70697					1000				
PCB-1232 Peak 5	Ave	51427					1000				
PCB-1232 Peak 6	Ave	35782					1000				
PCB-1232 Peak 7	Ave	58298					1000				
PCB-1232 Peak 8	Ave	68218					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:18 Calibration End Date: 03/08/2011 23:18 Calibration ID: 10071

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/11	or170289.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.512										2.442 - 2.582	2.512
PCB-1232 Peak 2	2.852										2.782 - 2.922	2.852
PCB-1232 Peak 3	3.052										2.982 - 3.122	3.052
PCB-1232 Peak 4	3.323										3.253 - 3.393	3.323
PCB-1232 Peak 5	3.470										3.400 - 3.540	3.470
PCB-1232 Peak 6	3.532										3.462 - 3.602	3.532
PCB-1232 Peak 7	3.922										3.852 - 3.992	3.922
PCB-1232 Peak 8	4.305										4.235 - 4.375	4.305

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:18 Calibration End Date: 03/08/2011 23:18 Calibration ID: 10071

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/11	or170289.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	101.33				Ave		101.326000						20.0			
PCB-1232 Peak 2	78.159				Ave		78.1590000						20.0			
PCB-1232 Peak 3	51.592				Ave		51.5920000						20.0			
PCB-1232 Peak 4	144.48				Ave		144.475000						20.0			
PCB-1232 Peak 5	52.779				Ave		52.7790000						20.0			
PCB-1232 Peak 6	39.696				Ave		39.6960000						20.0			
PCB-1232 Peak 7	62.744				Ave		62.7440000						20.0			
PCB-1232 Peak 8	34.667				Ave		34.6670000						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.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:18 Calibration End Date: 03/08/2011 23:18 Calibration ID: 10071

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/11	or170289.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	101326					1000				
PCB-1232 Peak 2	Ave	78159					1000				
PCB-1232 Peak 3	Ave	51592					1000				
PCB-1232 Peak 4	Ave	144475					1000				
PCB-1232 Peak 5	Ave	52779					1000				
PCB-1232 Peak 6	Ave	39696					1000				
PCB-1232 Peak 7	Ave	62744					1000				
PCB-1232 Peak 8	Ave	34667					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:34 Calibration End Date: 03/08/2011 23:34 Calibration ID: 10064

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/12	of170290.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	3.160										3.090 - 3.230	3.160
PCB-1242 Peak 2	3.633										3.563 - 3.703	3.633
PCB-1242 Peak 3	3.922										3.852 - 3.992	3.922
PCB-1242 Peak 4	4.180										4.110 - 4.250	4.180
PCB-1242 Peak 5	4.350										4.280 - 4.420	4.350
PCB-1242 Peak 6	4.598										4.528 - 4.668	4.598
PCB-1242 Peak 7	5.097										5.027 - 5.167	5.097
PCB-1242 Peak 8	5.425										5.355 - 5.495	5.425

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:34 Calibration End Date: 03/08/2011 23:34 Calibration ID: 10064

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/12	of170290.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	85.870				Ave		85.8700000						20.0			
PCB-1242 Peak 2	164.21				Ave		164.207000						20.0			
PCB-1242 Peak 3	81.002				Ave		81.0020000						20.0			
PCB-1242 Peak 4	303.20				Ave		303.195000						20.0			
PCB-1242 Peak 5	129.69				Ave		129.694000						20.0			
PCB-1242 Peak 6	65.289				Ave		65.2890000						20.0			
PCB-1242 Peak 7	122.04				Ave		122.042000						20.0			
PCB-1242 Peak 8	88.470				Ave		88.4700000						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.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:34 Calibration End Date: 03/08/2011 23:34 Calibration ID: 10064

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/12	of170290.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	85870					1000				
PCB-1242 Peak 2	Ave	164207					1000				
PCB-1242 Peak 3	Ave	81002					1000				
PCB-1242 Peak 4	Ave	303195					1000				
PCB-1242 Peak 5	Ave	129694					1000				
PCB-1242 Peak 6	Ave	65289					1000				
PCB-1242 Peak 7	Ave	122042					1000				
PCB-1242 Peak 8	Ave	88470					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:34 Calibration End Date: 03/08/2011 23:34 Calibration ID: 10072

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/12	or170290.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.512										2.442 - 2.582	2.512
PCB-1242 Peak 2	2.852										2.782 - 2.922	2.852
PCB-1242 Peak 3	3.052										2.982 - 3.122	3.052
PCB-1242 Peak 4	3.323										3.253 - 3.393	3.323
PCB-1242 Peak 5	3.470										3.400 - 3.540	3.470
PCB-1242 Peak 6	3.692										3.622 - 3.762	3.692
PCB-1242 Peak 7	3.922										3.852 - 3.992	3.922
PCB-1242 Peak 8	4.667										4.597 - 4.737	4.667

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:34 Calibration End Date: 03/08/2011 23:34 Calibration ID: 10072

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/12	or170290.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	84.455				Ave		84.4550000						20.0			
PCB-1242 Peak 2	136.54				Ave		136.535000						20.0			
PCB-1242 Peak 3	97.309				Ave		97.3090000						20.0			
PCB-1242 Peak 4	280.01				Ave		280.007000						20.0			
PCB-1242 Peak 5	101.06				Ave		101.058000						20.0			
PCB-1242 Peak 6	191.02				Ave		191.022000						20.0			
PCB-1242 Peak 7	113.77				Ave		113.768000						20.0			
PCB-1242 Peak 8	105.31				Ave		105.308000						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.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:34 Calibration End Date: 03/08/2011 23:34 Calibration ID: 10072

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/12	or170290.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	84455					1000				
PCB-1242 Peak 2	Ave	136535					1000				
PCB-1242 Peak 3	Ave	97309					1000				
PCB-1242 Peak 4	Ave	280007					1000				
PCB-1242 Peak 5	Ave	101058					1000				
PCB-1242 Peak 6	Ave	191022					1000				
PCB-1242 Peak 7	Ave	113768					1000				
PCB-1242 Peak 8	Ave	105308					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:51 Calibration End Date: 03/08/2011 23:51 Calibration ID: 10065

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/13	of170291.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.630										3.560 - 3.700	3.630
PCB-1248 Peak 2	4.178										4.108 - 4.248	4.178
PCB-1248 Peak 3	4.478										4.408 - 4.548	4.478
PCB-1248 Peak 4	4.597										4.527 - 4.667	4.597
PCB-1248 Peak 5	4.938										4.868 - 5.008	4.938
PCB-1248 Peak 6	5.095										5.025 - 5.165	5.095
PCB-1248 Peak 7	5.425										5.355 - 5.495	5.425
PCB-1248 Peak 8	5.482										5.412 - 5.552	5.482

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:51 Calibration End Date: 03/08/2011 23:51 Calibration ID: 10065

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/13	of170291.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	88.403				Ave		88.4030000						20.0			
PCB-1248 Peak 2	199.45				Ave		199.448000						20.0			
PCB-1248 Peak 3	29.861				Ave		29.8610000						20.0			
PCB-1248 Peak 4	112.39				Ave		112.390000						20.0			
PCB-1248 Peak 5	149.40				Ave		149.403000						20.0			
PCB-1248 Peak 6	186.71				Ave		186.706000						20.0			
PCB-1248 Peak 7	158.33				Ave		158.328000						20.0			
PCB-1248 Peak 8	240.66				Ave		240.655000						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.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:51 Calibration End Date: 03/08/2011 23:51 Calibration ID: 10065

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/13	of170291.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	88403					1000				
PCB-1248 Peak 2	Ave	199448					1000				
PCB-1248 Peak 3	Ave	29861					1000				
PCB-1248 Peak 4	Ave	112390					1000				
PCB-1248 Peak 5	Ave	149403					1000				
PCB-1248 Peak 6	Ave	186706					1000				
PCB-1248 Peak 7	Ave	158328					1000				
PCB-1248 Peak 8	Ave	240655					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:51 Calibration End Date: 03/08/2011 23:51 Calibration ID: 10073

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/13	or170291.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	2.850										2.780 - 2.920	2.850
PCB-1248 Peak 2	3.322										3.252 - 3.392	3.322
PCB-1248 Peak 3	3.530										3.460 - 3.600	3.530
PCB-1248 Peak 4	3.688										3.618 - 3.758	3.688
PCB-1248 Peak 5	3.920										3.850 - 3.990	3.920
PCB-1248 Peak 6	4.015										3.945 - 4.085	4.015
PCB-1248 Peak 7	4.305										4.235 - 4.375	4.305
PCB-1248 Peak 8	4.663										4.593 - 4.733	4.663

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:51 Calibration End Date: 03/08/2011 23:51 Calibration ID: 10073

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/13	or170291.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	76.689				Ave		76.6890000						20.0			
PCB-1248 Peak 2	190.42				Ave		190.417000						20.0			
PCB-1248 Peak 3	44.039				Ave		44.0390000						20.0			
PCB-1248 Peak 4	297.29				Ave		297.287000						20.0			
PCB-1248 Peak 5	173.75				Ave		173.750000						20.0			
PCB-1248 Peak 6	92.213				Ave		92.2130000						20.0			
PCB-1248 Peak 7	73.154				Ave		73.1540000						20.0			
PCB-1248 Peak 8	171.10				Ave		171.098000						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.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/08/2011 23:51 Calibration End Date: 03/08/2011 23:51 Calibration ID: 10073

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/13	or170291.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	76689					1000				
PCB-1248 Peak 2	Ave	190417					1000				
PCB-1248 Peak 3	Ave	44039					1000				
PCB-1248 Peak 4	Ave	297287					1000				
PCB-1248 Peak 5	Ave	173750					1000				
PCB-1248 Peak 6	Ave	92213					1000				
PCB-1248 Peak 7	Ave	73154					1000				
PCB-1248 Peak 8	Ave	171098					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:07 Calibration End Date: 03/09/2011 00:07 Calibration ID: 10066

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/14	of170292.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.598										4.528 - 4.668	4.598
PCB-1254 Peak 2	5.477										5.407 - 5.547	5.477
PCB-1254 Peak 3	5.725										5.655 - 5.795	5.725
PCB-1254 Peak 4	6.185										6.115 - 6.255	6.185
PCB-1254 Peak 5	6.353										6.283 - 6.423	6.353
PCB-1254 Peak 6	7.328										7.258 - 7.398	7.328
PCB-1254 Peak 7	7.722										7.652 - 7.792	7.722
PCB-1254 Peak 8	8.550										8.480 - 8.620	8.550

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:07 Calibration End Date: 03/09/2011 00:07 Calibration ID: 10066

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/14	of170292.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	138.10				Ave		138.104000						20.0			
PCB-1254 Peak 2	231.91				Ave		231.907000						20.0			
PCB-1254 Peak 3	198.96				Ave		198.958000						20.0			
PCB-1254 Peak 4	155.68				Ave		155.675000						20.0			
PCB-1254 Peak 5	330.53				Ave		330.533000						20.0			
PCB-1254 Peak 6	258.94				Ave		258.942000						20.0			
PCB-1254 Peak 7	331.01				Ave		331.005000						20.0			
PCB-1254 Peak 8	78.429				Ave		78.4290000						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.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:07 Calibration End Date: 03/09/2011 00:07 Calibration ID: 10066

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/14	of170292.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	138104					1000				
PCB-1254 Peak 2	Ave	231907					1000				
PCB-1254 Peak 3	Ave	198958					1000				
PCB-1254 Peak 4	Ave	155675					1000				
PCB-1254 Peak 5	Ave	330533					1000				
PCB-1254 Peak 6	Ave	258942					1000				
PCB-1254 Peak 7	Ave	331005					1000				
PCB-1254 Peak 8	Ave	78429					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:07 Calibration End Date: 03/09/2011 00:07 Calibration ID: 10074

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/14	or170292.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.353										4.283 - 4.423	4.353
PCB-1254 Peak 2	4.403										4.333 - 4.473	4.403
PCB-1254 Peak 3	4.662										4.592 - 4.732	4.662
PCB-1254 Peak 4	4.990										4.920 - 5.060	4.990
PCB-1254 Peak 5	5.138										5.068 - 5.208	5.138
PCB-1254 Peak 6	5.482										5.412 - 5.552	5.482
PCB-1254 Peak 7	5.712										5.642 - 5.782	5.712
PCB-1254 Peak 8	6.065										5.995 - 6.135	6.065

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:07 Calibration End Date: 03/09/2011 00:07 Calibration ID: 10074

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/14	or170292.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	125.27				Ave		125.266000						20.0			
PCB-1254 Peak 2	144.22				Ave		144.224000						20.0			
PCB-1254 Peak 3	180.47				Ave		180.473000						20.0			
PCB-1254 Peak 4	136.74				Ave		136.737000						20.0			
PCB-1254 Peak 5	279.18				Ave		279.178000						20.0			
PCB-1254 Peak 6	212.70				Ave		212.697000						20.0			
PCB-1254 Peak 7	203.16				Ave		203.163000						20.0			
PCB-1254 Peak 8	315.49				Ave		315.488000						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.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:07 Calibration End Date: 03/09/2011 00:07 Calibration ID: 10074

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/14	or170292.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	125266					1000				
PCB-1254 Peak 2	Ave	144224					1000				
PCB-1254 Peak 3	Ave	180473					1000				
PCB-1254 Peak 4	Ave	136737					1000				
PCB-1254 Peak 5	Ave	279178					1000				
PCB-1254 Peak 6	Ave	212697					1000				
PCB-1254 Peak 7	Ave	203163					1000				
PCB-1254 Peak 8	Ave	315488					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:23 Calibration End Date: 03/09/2011 00:23 Calibration ID: 10067

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/15	of170293.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	6.653										6.583 - 6.723	6.653
PCB-1262 Peak 2	7.013										6.943 - 7.083	7.013
PCB-1262 Peak 3	7.922										7.852 - 7.992	7.922
PCB-1262 Peak 4	8.620										8.550 - 8.690	8.620
PCB-1262 Peak 5	9.593										9.523 - 9.663	9.593
PCB-1262 Peak 6	9.647										9.577 - 9.717	9.647
PCB-1262 Peak 7	10.207										10.137 - 10.277	10.207
PCB-1262 Peak 8	10.493										10.423 - 10.563	10.493

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:23 Calibration End Date: 03/09/2011 00:23 Calibration ID: 10067

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/15	of170293.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	197.17				Ave		197.168000						20.0			
PCB-1262 Peak 2	228.30				Ave		228.304000						20.0			
PCB-1262 Peak 3	316.32				Ave		316.317000						20.0			
PCB-1262 Peak 4	281.65				Ave		281.652000						20.0			
PCB-1262 Peak 5	320.32				Ave		320.319000						20.0			
PCB-1262 Peak 6	248.00				Ave		248.002000						20.0			
PCB-1262 Peak 7	161.69				Ave		161.687000						20.0			
PCB-1262 Peak 8	56.753				Ave		56.7530000						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.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:23 Calibration End Date: 03/09/2011 00:23 Calibration ID: 10067

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/15	of170293.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	197168					1000				
PCB-1262 Peak 2	Ave	228304					1000				
PCB-1262 Peak 3	Ave	316317					1000				
PCB-1262 Peak 4	Ave	281652					1000				
PCB-1262 Peak 5	Ave	320319					1000				
PCB-1262 Peak 6	Ave	248002					1000				
PCB-1262 Peak 7	Ave	161687					1000				
PCB-1262 Peak 8	Ave	56753					1000				

Curve Type Legend:

Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:23 Calibration End Date: 03/09/2011 00:23 Calibration ID: 10075

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/15	or170293.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1262 Peak 1	5.193										5.123 - 5.263	5.193
PCB-1262 Peak 2	5.363										5.293 - 5.433	5.363
PCB-1262 Peak 3	6.065										5.995 - 6.135	6.065
PCB-1262 Peak 4	6.218										6.148 - 6.288	6.218
PCB-1262 Peak 5	6.570										6.500 - 6.640	6.570
PCB-1262 Peak 6	7.620										7.550 - 7.690	7.620
PCB-1262 Peak 7	7.792										7.722 - 7.862	7.792
PCB-1262 Peak 8	8.975										8.905 - 9.045	8.975

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:23 Calibration End Date: 03/09/2011 00:23 Calibration ID: 10075

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/15	or170293.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	154.73				Ave		154.729300						20.0			
PCB-1262 Peak 2	169.47				Ave		169.471900						20.0			
PCB-1262 Peak 3	190.47				Ave		190.470450						20.0			
PCB-1262 Peak 4	234.07				Ave		234.073950						20.0			
PCB-1262 Peak 5	210.13				Ave		210.133300						20.0			
PCB-1262 Peak 6	145.41				Ave		145.410250						20.0			
PCB-1262 Peak 7	253.58				Ave		253.581150						20.0			
PCB-1262 Peak 8	185.25				Ave		185.246850						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.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:23 Calibration End Date: 03/09/2011 00:23 Calibration ID: 10075

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/15	or170293.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1262 Peak 1	Ave	154729					1000				
PCB-1262 Peak 2	Ave	169471					1000				
PCB-1262 Peak 3	Ave	190470					1000				
PCB-1262 Peak 4	Ave	234073					1000				
PCB-1262 Peak 5	Ave	210133					1000				
PCB-1262 Peak 6	Ave	145410					1000				
PCB-1262 Peak 7	Ave	253581					1000				
PCB-1262 Peak 8	Ave	185246					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:40 Calibration End Date: 03/09/2011 00:40 Calibration ID: 10068

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/16	of170294.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	7.928										7.858 - 7.998	7.928
PCB-1268 Peak 2	8.632										8.562 - 8.702	8.632
PCB-1268 Peak 3	9.592										9.522 - 9.662	9.592
PCB-1268 Peak 4	9.645										9.575 - 9.715	9.645
PCB-1268 Peak 5	9.925										9.855 - 9.995	9.925
PCB-1268 Peak 6	10.025										9.955 - 10.095	10.025
PCB-1268 Peak 7	10.208										10.138 - 10.278	10.208
PCB-1268 Peak 8	10.495										10.425 - 10.565	10.495

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:40 Calibration End Date: 03/09/2011 00:40 Calibration ID: 10068

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/16	of170294.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	136.85				Ave		136.852900						20.0			
PCB-1268 Peak 2	164.45				Ave		164.449250						20.0			
PCB-1268 Peak 3	409.89				Ave		409.887250						20.0			
PCB-1268 Peak 4	578.40				Ave		578.402350						20.0			
PCB-1268 Peak 5	368.25				Ave		368.250200						20.0			
PCB-1268 Peak 6	123.90				Ave		123.896900						20.0			
PCB-1268 Peak 7	163.73				Ave		163.733800						20.0			
PCB-1268 Peak 8	927.09				Ave		927.094450						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.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:40 Calibration End Date: 03/09/2011 00:40 Calibration ID: 10068

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/16	of170294.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	136852					1000				
PCB-1268 Peak 2	Ave	164449					1000				
PCB-1268 Peak 3	Ave	409887					1000				
PCB-1268 Peak 4	Ave	578402					1000				
PCB-1268 Peak 5	Ave	368250					1000				
PCB-1268 Peak 6	Ave	123896					1000				
PCB-1268 Peak 7	Ave	163733					1000				
PCB-1268 Peak 8	Ave	927094					1000				

Curve Type Legend:
Ave = Average

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:40 Calibration End Date: 03/09/2011 00:40 Calibration ID: 10076

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/16	or170294.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1268 Peak 1	6.220										6.150 - 6.290	6.220
PCB-1268 Peak 2	6.565										6.495 - 6.635	6.565
PCB-1268 Peak 3	7.703										7.633 - 7.773	7.703
PCB-1268 Peak 4	7.782										7.712 - 7.852	7.782
PCB-1268 Peak 5	8.215										8.145 - 8.285	8.215
PCB-1268 Peak 6	8.418										8.348 - 8.488	8.418
PCB-1268 Peak 7	8.975										8.905 - 9.045	8.975
PCB-1268 Peak 8	9.395										9.325 - 9.465	9.395

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:40 Calibration End Date: 03/09/2011 00:40 Calibration ID: 10076

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/16	or170294.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	112.37				Ave		112.371000						20.0			
PCB-1268 Peak 2	141.66				Ave		141.658000						20.0			
PCB-1268 Peak 3	464.97				Ave		464.967000						20.0			
PCB-1268 Peak 4	602.12				Ave		602.118000						20.0			
PCB-1268 Peak 5	457.40				Ave		457.402000						20.0			
PCB-1268 Peak 6	135.49				Ave		135.486000						20.0			
PCB-1268 Peak 7	193.64				Ave		193.642000						20.0			
PCB-1268 Peak 8	1190.7				Ave		1190.68200						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.: 460-24280-1 Analy Batch No.: 66778

SDG No.:

Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/09/2011 00:40 Calibration End Date: 03/09/2011 00:40 Calibration ID: 10076

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-66778/16	or170294.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1268 Peak 1	Ave	112371					1000				
PCB-1268 Peak 2	Ave	141658					1000				
PCB-1268 Peak 3	Ave	464967					1000				
PCB-1268 Peak 4	Ave	602118					1000				
PCB-1268 Peak 5	Ave	457402					1000				
PCB-1268 Peak 6	Ave	135486					1000				
PCB-1268 Peak 7	Ave	193642					1000				
PCB-1268 Peak 8	Ave	1190682					1000				

Curve Type Legend:
Ave = Average

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVRT 460-69079/2 Calibration Date: 03/31/2011 01:28

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171000.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	96.62	100.8		1040	1000	4.3	15.0
PCB-1016 Peak 2	Ave	201.5	207.9		1030	1000	3.1	15.0
PCB-1016 Peak 3	Ave	93.89	130.0		1390	1000	38.5*	15.0
PCB-1016 Peak 4	Ave	364.0	375.3		1030	1000	3.1	15.0
PCB-1016 Peak 5	Ave	157.8	164.1		1040	1000	4.0	15.0
PCB-1016 Peak 6	Ave	103.6	192.9		1860	1000	86.1*	15.0
PCB-1016 Peak 7	Ave	107.1	184.4		1720	1000	72.2*	15.0
PCB-1016 Peak 8	Ave	125.1	139.7		1120	1000	11.7	15.0
PCB-1260 Peak 1	Ave	264.9	278.6		1050	1000	5.2	15.0
PCB-1260 Peak 2	Ave	294.9	312.7		1060	1000	6.0	15.0
PCB-1260 Peak 3	Ave	425.3	452.3		1060	1000	6.4	15.0
PCB-1260 Peak 4	Ave	200.2	213.5		1070	1000	6.7	15.0
PCB-1260 Peak 5	Ave	115.0	129.2		1120	1000	12.3	15.0
PCB-1260 Peak 6	Ave	226.9	242.6		1070	1000	6.9	15.0
PCB-1260 Peak 7	Ave	262.6	438.7		1670	1000	67.1*	15.0
PCB-1260 Peak 8	Ave	90.35	105.7		1170	1000	17.0*	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVRT 460-69079/2 Calibration Date: 03/31/2011 01:28

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171000.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.18	3.10	3.24
PCB-1016 Peak 2	3.65	3.57	3.71
PCB-1016 Peak 3	3.93	3.86	4.00
PCB-1016 Peak 4	4.19	4.11	4.25
PCB-1016 Peak 5	4.36	4.28	4.42
PCB-1016 Peak 6	4.66	4.58	4.72
PCB-1016 Peak 7	4.94	4.87	5.01
PCB-1016 Peak 8	5.10	5.03	5.17
PCB-1260 Peak 1	6.66	6.58	6.72
PCB-1260 Peak 2	7.02	6.94	7.08
PCB-1260 Peak 3	7.72	7.64	7.78
PCB-1260 Peak 4	7.92	7.85	7.99
PCB-1260 Peak 5	8.05	7.97	8.11
PCB-1260 Peak 6	8.62	8.54	8.68
PCB-1260 Peak 7	9.60	9.52	9.66
PCB-1260 Peak 8	10.21	10.14	10.28

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVRT 460-69079/2 Calibration Date: 03/31/2011 01:28

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171000.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3667	3329		112	100	-9.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVRT 460-69079/2 Calibration Date: 03/31/2011 01:28

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171000.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	10.70	10.60	10.80

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVRT 460-69079/2 Calibration Date: 03/31/2011 01:28

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171000.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	97.42	93.40		959	1000	-4.1	15.0
PCB-1016 Peak 2	Ave	167.3	163.9		980	1000	-2.0	15.0
PCB-1016 Peak 3	Ave	114.9	114.9		1000	1000	0.0	15.0
PCB-1016 Peak 4	Ave	331.6	350.4		1060	1000	5.7	15.0
PCB-1016 Peak 5	Ave	120.3	119.1		990	1000	-1.0	15.0
PCB-1016 Peak 6	Ave	95.37	106.7		1120	1000	11.9	15.0
PCB-1016 Peak 7	Ave	127.6	129.1		1010	1000	1.2	15.0
PCB-1016 Peak 8	Ave	75.08	76.24		1020	1000	1.5	15.0
PCB-1260 Peak 1	Ave	213.5	216.7		1020	1000	1.5	15.0
PCB-1260 Peak 2	Ave	373.0	371.2		995	1000	-0.5	15.0
PCB-1260 Peak 3	Ave	339.8	342.3		1010	1000	0.7	15.0
PCB-1260 Peak 4	Ave	149.8	156.1		1040	1000	4.2	15.0
PCB-1260 Peak 5	Ave	158.3	162.5		1030	1000	2.6	15.0
PCB-1260 Peak 6	Ave	214.8	192.6		897	1000	-10.3	15.0
PCB-1260 Peak 7	Ave	113.9	128.6		1130	1000	12.9	15.0
PCB-1260 Peak 8	Ave	100.6	106.8		1060	1000	6.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVRT 460-69079/2 Calibration Date: 03/31/2011 01:28

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171000.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.53	2.46	2.60
PCB-1016 Peak 2	2.86	2.79	2.93
PCB-1016 Peak 3	3.06	2.99	3.13
PCB-1016 Peak 4	3.33	3.26	3.40
PCB-1016 Peak 5	3.48	3.41	3.55
PCB-1016 Peak 6	3.54	3.47	3.61
PCB-1016 Peak 7	3.93	3.85	3.99
PCB-1016 Peak 8	4.05	3.98	4.12
PCB-1260 Peak 1	5.36	5.29	5.43
PCB-1260 Peak 2	5.71	5.63	5.77
PCB-1260 Peak 3	6.06	5.99	6.13
PCB-1260 Peak 4	6.21	6.14	6.28
PCB-1260 Peak 5	6.56	6.49	6.63
PCB-1260 Peak 6	7.60	7.53	7.67
PCB-1260 Peak 7	7.77	7.70	7.84
PCB-1260 Peak 8	8.96	8.89	9.03

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVRT 460-69079/2 Calibration Date: 03/31/2011 01:28

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171000.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3844	3889		105	100	1.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVRT 460-69079/2 Calibration Date: 03/31/2011 01:28

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171000.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	9.61	9.51	9.71

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69079/24 Calibration Date: 03/31/2011 07:42

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171022.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	96.62	99.35		1030	1000	2.8	15.0
PCB-1016 Peak 2	Ave	201.5	213.4		1060	1000	5.9	15.0
PCB-1016 Peak 3	Ave	93.89	107.7		1150	1000	14.7	15.0
PCB-1016 Peak 4	Ave	364.0	398.9		1100	1000	9.6	15.0
PCB-1016 Peak 5	Ave	157.8	179.9		1140	1000	14.0	15.0
PCB-1016 Peak 6	Ave	103.6	106.1		1020	1000	2.4	15.0
PCB-1016 Peak 7	Ave	107.1	114.9		1070	1000	7.3	15.0
PCB-1016 Peak 8	Ave	125.1	140.8		1130	1000	12.5	15.0
PCB-1260 Peak 1	Ave	264.9	271.7		1030	1000	2.6	15.0
PCB-1260 Peak 2	Ave	294.9	303.3		1030	1000	2.8	15.0
PCB-1260 Peak 3	Ave	425.3	443.0		1040	1000	4.2	15.0
PCB-1260 Peak 4	Ave	200.2	207.4		1040	1000	3.6	15.0
PCB-1260 Peak 5	Ave	115.0	122.8		1070	1000	6.8	15.0
PCB-1260 Peak 6	Ave	226.9	239.0		1050	1000	5.3	15.0
PCB-1260 Peak 7	Ave	262.6	279.0		1060	1000	6.2	15.0
PCB-1260 Peak 8	Ave	90.35	102.4		1130	1000	13.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69079/24 Calibration Date: 03/31/2011 07:42

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171022.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.17	3.10	3.24
PCB-1016 Peak 2	3.64	3.57	3.71
PCB-1016 Peak 3	3.93	3.86	4.00
PCB-1016 Peak 4	4.18	4.11	4.25
PCB-1016 Peak 5	4.35	4.28	4.42
PCB-1016 Peak 6	4.65	4.58	4.72
PCB-1016 Peak 7	4.94	4.87	5.01
PCB-1016 Peak 8	5.10	5.03	5.17
PCB-1260 Peak 1	6.65	6.58	6.72
PCB-1260 Peak 2	7.01	6.94	7.08
PCB-1260 Peak 3	7.71	7.64	7.78
PCB-1260 Peak 4	7.92	7.85	7.99
PCB-1260 Peak 5	8.04	7.97	8.11
PCB-1260 Peak 6	8.61	8.54	8.68
PCB-1260 Peak 7	9.59	9.52	9.66
PCB-1260 Peak 8	10.21	10.14	10.28

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69079/24 Calibration Date: 03/31/2011 07:42

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171022.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3667	3186		107	100	-13.1	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69079/24 Calibration Date: 03/31/2011 07:42

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171022.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	10.70	10.60	10.80

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69079/24 Calibration Date: 03/31/2011 07:42

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171022.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	97.42	92.53		950	1000	-5.0	15.0
PCB-1016 Peak 2	Ave	167.3	167.5		1000	1000	0.1	15.0
PCB-1016 Peak 3	Ave	114.9	115.3		1000	1000	0.3	15.0
PCB-1016 Peak 4	Ave	331.6	354.8		1070	1000	7.0	15.0
PCB-1016 Peak 5	Ave	120.3	122.6		1020	1000	1.9	15.0
PCB-1016 Peak 6	Ave	95.37	103.1		1080	1000	8.1	15.0
PCB-1016 Peak 7	Ave	127.6	130.6		1020	1000	2.4	15.0
PCB-1016 Peak 8	Ave	75.08	82.46		1100	1000	9.8	15.0
PCB-1260 Peak 1	Ave	213.5	209.8		983	1000	-1.7	15.0
PCB-1260 Peak 2	Ave	373.0	365.9		981	1000	-1.9	15.0
PCB-1260 Peak 3	Ave	339.8	338.4		996	1000	-0.4	15.0
PCB-1260 Peak 4	Ave	149.8	152.2		1020	1000	1.6	15.0
PCB-1260 Peak 5	Ave	158.3	156.6		989	1000	-1.1	15.0
PCB-1260 Peak 6	Ave	214.8	190.3		886	1000	-11.4	15.0
PCB-1260 Peak 7	Ave	113.9	124.3		1090	1000	9.2	15.0
PCB-1260 Peak 8	Ave	100.6	104.2		1040	1000	3.6	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69079/24 Calibration Date: 03/31/2011 07:42

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171022.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.53	2.46	2.60
PCB-1016 Peak 2	2.86	2.79	2.93
PCB-1016 Peak 3	3.06	2.99	3.13
PCB-1016 Peak 4	3.33	3.26	3.40
PCB-1016 Peak 5	3.48	3.41	3.55
PCB-1016 Peak 6	3.54	3.47	3.61
PCB-1016 Peak 7	3.92	3.85	3.99
PCB-1016 Peak 8	4.05	3.98	4.12
PCB-1260 Peak 1	5.36	5.29	5.43
PCB-1260 Peak 2	5.70	5.63	5.77
PCB-1260 Peak 3	6.06	5.99	6.13
PCB-1260 Peak 4	6.21	6.14	6.28
PCB-1260 Peak 5	6.56	6.49	6.63
PCB-1260 Peak 6	7.60	7.53	7.67
PCB-1260 Peak 7	7.77	7.70	7.84
PCB-1260 Peak 8	8.96	8.89	9.03

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69079/24 Calibration Date: 03/31/2011 07:42

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171022.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3844	3870		104	100	0.7	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69079/24 Calibration Date: 03/31/2011 07:42

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171022.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	9.61	9.51	9.71

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVRT 460-69083/2 Calibration Date: 03/31/2011 08:14

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171024.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	96.62	102.3		1060	1000	5.9	15.0
PCB-1016 Peak 2	Ave	201.5	211.0		1050	1000	4.7	15.0
PCB-1016 Peak 3	Ave	93.89	103.2		1100	1000	9.9	15.0
PCB-1016 Peak 4	Ave	364.0	390.2		1070	1000	7.2	15.0
PCB-1016 Peak 5	Ave	157.8	174.0		1100	1000	10.3	15.0
PCB-1016 Peak 6	Ave	103.6	104.6		1010	1000	1.0	15.0
PCB-1016 Peak 7	Ave	107.1	112.5		1050	1000	5.0	15.0
PCB-1016 Peak 8	Ave	125.1	139.7		1120	1000	11.7	15.0
PCB-1260 Peak 1	Ave	264.9	272.6		1030	1000	2.9	15.0
PCB-1260 Peak 2	Ave	294.9	304.9		1030	1000	3.4	15.0
PCB-1260 Peak 3	Ave	425.3	444.4		1040	1000	4.5	15.0
PCB-1260 Peak 4	Ave	200.2	208.3		1040	1000	4.0	15.0
PCB-1260 Peak 5	Ave	115.0	123.6		1080	1000	7.5	15.0
PCB-1260 Peak 6	Ave	226.9	238.9		1050	1000	5.3	15.0
PCB-1260 Peak 7	Ave	262.6	271.6		1030	1000	3.4	15.0
PCB-1260 Peak 8	Ave	90.35	101.2		1120	1000	11.9	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVRT 460-69083/2 Calibration Date: 03/31/2011 08:14

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171024.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.17	3.10	3.24
PCB-1016 Peak 2	3.64	3.57	3.71
PCB-1016 Peak 3	3.93	3.86	4.00
PCB-1016 Peak 4	4.19	4.12	4.26
PCB-1016 Peak 5	4.36	4.29	4.43
PCB-1016 Peak 6	4.66	4.59	4.73
PCB-1016 Peak 7	4.94	4.87	5.01
PCB-1016 Peak 8	5.10	5.03	5.17
PCB-1260 Peak 1	6.65	6.58	6.72
PCB-1260 Peak 2	7.01	6.94	7.08
PCB-1260 Peak 3	7.71	7.64	7.78
PCB-1260 Peak 4	7.92	7.85	7.99
PCB-1260 Peak 5	8.04	7.97	8.11
PCB-1260 Peak 6	8.61	8.55	8.69
PCB-1260 Peak 7	9.59	9.52	9.66
PCB-1260 Peak 8	10.21	10.14	10.28

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVRT 460-69083/2 Calibration Date: 03/31/2011 08:14

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171024.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3667	3204		108	100	-12.6	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVRT 460-69083/2 Calibration Date: 03/31/2011 08:14

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171024.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	10.70	10.60	10.80

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVRT 460-69083/2 Calibration Date: 03/31/2011 08:14

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171024.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	97.42	92.47		949	1000	-5.1	15.0
PCB-1016 Peak 2	Ave	167.3	169.3		1010	1000	1.2	15.0
PCB-1016 Peak 3	Ave	114.9	122.8		1070	1000	6.9	15.0
PCB-1016 Peak 4	Ave	331.6	363.7		1100	1000	9.7	15.0
PCB-1016 Peak 5	Ave	120.3	125.4		1040	1000	4.2	15.0
PCB-1016 Peak 6	Ave	95.37	107.9		1130	1000	13.2	15.0
PCB-1016 Peak 7	Ave	127.6	134.6		1060	1000	5.6	15.0
PCB-1016 Peak 8	Ave	75.08	83.23		1110	1000	10.9	15.0
PCB-1260 Peak 1	Ave	213.5	211.3		990	1000	-1.0	15.0
PCB-1260 Peak 2	Ave	373.0	365.6		980	1000	-2.0	15.0
PCB-1260 Peak 3	Ave	339.8	337.3		993	1000	-0.7	15.0
PCB-1260 Peak 4	Ave	149.8	149.3		997	1000	-0.3	15.0
PCB-1260 Peak 5	Ave	158.3	153.3		968	1000	-3.2	15.0
PCB-1260 Peak 6	Ave	214.8	193.5		901	1000	-9.9	15.0
PCB-1260 Peak 7	Ave	113.9	121.5		1070	1000	6.7	15.0
PCB-1260 Peak 8	Ave	100.6	103.9		1030	1000	3.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVRT 460-69083/2 Calibration Date: 03/31/2011 08:14

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171024.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.53	2.46	2.60
PCB-1016 Peak 2	2.86	2.79	2.93
PCB-1016 Peak 3	3.06	2.99	3.13
PCB-1016 Peak 4	3.33	3.26	3.40
PCB-1016 Peak 5	3.48	3.41	3.55
PCB-1016 Peak 6	3.54	3.47	3.61
PCB-1016 Peak 7	3.93	3.85	3.99
PCB-1016 Peak 8	4.05	3.98	4.12
PCB-1260 Peak 1	5.36	5.29	5.43
PCB-1260 Peak 2	5.70	5.63	5.77
PCB-1260 Peak 3	6.06	5.99	6.13
PCB-1260 Peak 4	6.21	6.14	6.28
PCB-1260 Peak 5	6.56	6.49	6.63
PCB-1260 Peak 6	7.60	7.53	7.67
PCB-1260 Peak 7	7.77	7.70	7.84
PCB-1260 Peak 8	8.96	8.89	9.03

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVRT 460-69083/2 Calibration Date: 03/31/2011 08:14

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171024.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3844	3880		105	100	0.9	15.0

FORM VII 8082

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVRT 460-69083/2 Calibration Date: 03/31/2011 08:14

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171024.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	9.61	9.51	9.71

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69083/8 Calibration Date: 03/31/2011 09:53

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171030.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	96.62	101.7		1050	1000	5.3	15.0
PCB-1016 Peak 2	Ave	201.5	209.0		1040	1000	3.7	15.0
PCB-1016 Peak 3	Ave	93.89	131.7		1400	1000	40.3*	15.0
PCB-1016 Peak 4	Ave	364.0	381.1		1050	1000	4.7	15.0
PCB-1016 Peak 5	Ave	157.8	166.0		1050	1000	5.2	15.0
PCB-1016 Peak 6	Ave	103.6	191.4		1850	1000	84.7*	15.0
PCB-1016 Peak 7	Ave	107.1	183.3		1710	1000	71.1*	15.0
PCB-1016 Peak 8	Ave	125.1	138.3		1110	1000	10.6	15.0
PCB-1260 Peak 1	Ave	264.9	265.8		1000	1000	0.3	15.0
PCB-1260 Peak 2	Ave	294.9	299.6		1020	1000	1.6	15.0
PCB-1260 Peak 3	Ave	425.3	440.6		1040	1000	3.6	15.0
PCB-1260 Peak 4	Ave	200.2	206.0		1030	1000	2.9	15.0
PCB-1260 Peak 5	Ave	115.0	122.1		1060	1000	6.2	15.0
PCB-1260 Peak 6	Ave	226.9	238.2		1050	1000	5.0	15.0
PCB-1260 Peak 7	Ave	262.6	423.0		1610	1000	61.1*	15.0
PCB-1260 Peak 8	Ave	90.35	99.9		1110	1000	10.6	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69083/8 Calibration Date: 03/31/2011 09:53

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171030.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.17	3.10	3.24
PCB-1016 Peak 2	3.64	3.57	3.71
PCB-1016 Peak 3	3.93	3.86	4.00
PCB-1016 Peak 4	4.19	4.12	4.26
PCB-1016 Peak 5	4.36	4.29	4.43
PCB-1016 Peak 6	4.66	4.59	4.73
PCB-1016 Peak 7	4.94	4.87	5.01
PCB-1016 Peak 8	5.10	5.03	5.17
PCB-1260 Peak 1	6.65	6.58	6.72
PCB-1260 Peak 2	7.01	6.94	7.08
PCB-1260 Peak 3	7.71	7.64	7.78
PCB-1260 Peak 4	7.92	7.85	7.99
PCB-1260 Peak 5	8.04	7.97	8.11
PCB-1260 Peak 6	8.62	8.55	8.69
PCB-1260 Peak 7	9.59	9.52	9.66
PCB-1260 Peak 8	10.21	10.14	10.28

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69083/8 Calibration Date: 03/31/2011 09:53

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171030.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3667	3184		107	100	-13.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69083/8 Calibration Date: 03/31/2011 09:53

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171030.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	10.70	10.60	10.80

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69083/8 Calibration Date: 03/31/2011 09:53

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171030.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	97.42	94.78		973	1000	-2.7	15.0
PCB-1016 Peak 2	Ave	167.3	170.2		1020	1000	1.7	15.0
PCB-1016 Peak 3	Ave	114.9	122.4		1070	1000	6.5	15.0
PCB-1016 Peak 4	Ave	331.6	364.8		1100	1000	10.0	15.0
PCB-1016 Peak 5	Ave	120.3	123.7		1030	1000	2.8	15.0
PCB-1016 Peak 6	Ave	95.37	108.2		1130	1000	13.4	15.0
PCB-1016 Peak 7	Ave	127.6	135.6		1060	1000	6.3	15.0
PCB-1016 Peak 8	Ave	75.08	84.32		1120	1000	12.3	15.0
PCB-1260 Peak 1	Ave	213.5	211.1		989	1000	-1.1	15.0
PCB-1260 Peak 2	Ave	373.0	366.0		981	1000	-1.9	15.0
PCB-1260 Peak 3	Ave	339.8	337.2		992	1000	-0.8	15.0
PCB-1260 Peak 4	Ave	149.8	151.1		1010	1000	0.9	15.0
PCB-1260 Peak 5	Ave	158.3	157.1		992	1000	-0.8	15.0
PCB-1260 Peak 6	Ave	214.8	188.6		878	1000	-12.2	15.0
PCB-1260 Peak 7	Ave	113.9	129.7		1140	1000	13.8	15.0
PCB-1260 Peak 8	Ave	100.6	103.9		1030	1000	3.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69083/8 Calibration Date: 03/31/2011 09:53

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171030.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.53	2.46	2.60
PCB-1016 Peak 2	2.86	2.79	2.93
PCB-1016 Peak 3	3.06	2.99	3.13
PCB-1016 Peak 4	3.33	3.26	3.40
PCB-1016 Peak 5	3.48	3.41	3.55
PCB-1016 Peak 6	3.54	3.47	3.61
PCB-1016 Peak 7	3.92	3.85	3.99
PCB-1016 Peak 8	4.05	3.98	4.12
PCB-1260 Peak 1	5.36	5.29	5.43
PCB-1260 Peak 2	5.70	5.63	5.77
PCB-1260 Peak 3	6.06	5.99	6.13
PCB-1260 Peak 4	6.21	6.14	6.28
PCB-1260 Peak 5	6.56	6.49	6.63
PCB-1260 Peak 6	7.60	7.53	7.67
PCB-1260 Peak 7	7.77	7.70	7.84
PCB-1260 Peak 8	8.96	8.89	9.03

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69083/8 Calibration Date: 03/31/2011 09:53

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171030.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3844	3885		105	100	1.1	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69083/8 Calibration Date: 03/31/2011 09:53

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171030.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	9.61	9.51	9.71

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVRT 460-69122/2 Calibration Date: 03/31/2011 10:26

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171032.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	96.62	100.3		1040	1000	3.8	15.0
PCB-1016 Peak 2	Ave	201.5	210.3		1040	1000	4.3	15.0
PCB-1016 Peak 3	Ave	93.89	107.4		1140	1000	14.4	15.0
PCB-1016 Peak 4	Ave	364.0	395.4		1090	1000	8.6	15.0
PCB-1016 Peak 5	Ave	157.8	179.7		1140	1000	13.9	15.0
PCB-1016 Peak 6	Ave	103.6	118.9		1150	1000	14.7	15.0
PCB-1016 Peak 7	Ave	107.1	121.3		1130	1000	13.3	15.0
PCB-1016 Peak 8	Ave	125.1	146.7		1170	1000	17.3*	15.0
PCB-1260 Peak 1	Ave	264.9	273.9		1030	1000	3.4	15.0
PCB-1260 Peak 2	Ave	294.9	308.1		1040	1000	4.5	15.0
PCB-1260 Peak 3	Ave	425.3	448.6		1050	1000	5.5	15.0
PCB-1260 Peak 4	Ave	200.2	210.4		1050	1000	5.1	15.0
PCB-1260 Peak 5	Ave	115.0	125.0		1090	1000	8.8	15.0
PCB-1260 Peak 6	Ave	226.9	240.8		1060	1000	6.1	15.0
PCB-1260 Peak 7	Ave	262.6	277.7		1060	1000	5.7	15.0
PCB-1260 Peak 8	Ave	90.35	104.7		1160	1000	15.9*	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVRT 460-69122/2 Calibration Date: 03/31/2011 10:26

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171032.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.17	3.10	3.24
PCB-1016 Peak 2	3.64	3.57	3.71
PCB-1016 Peak 3	3.93	3.86	4.00
PCB-1016 Peak 4	4.18	4.11	4.25
PCB-1016 Peak 5	4.35	4.28	4.42
PCB-1016 Peak 6	4.65	4.58	4.72
PCB-1016 Peak 7	4.94	4.87	5.01
PCB-1016 Peak 8	5.10	5.03	5.17
PCB-1260 Peak 1	6.65	6.58	6.72
PCB-1260 Peak 2	7.01	6.94	7.08
PCB-1260 Peak 3	7.71	7.64	7.78
PCB-1260 Peak 4	7.92	7.85	7.99
PCB-1260 Peak 5	8.04	7.97	8.11
PCB-1260 Peak 6	8.61	8.54	8.68
PCB-1260 Peak 7	9.59	9.52	9.66
PCB-1260 Peak 8	10.21	10.14	10.28

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVRT 460-69122/2 Calibration Date: 03/31/2011 10:26

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171032.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3667	3263		110	100	-11.0	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVRT 460-69122/2 Calibration Date: 03/31/2011 10:26

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171032.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	10.70	10.60	10.80

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVRT 460-69122/2 Calibration Date: 03/31/2011 10:26

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171032.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	97.42	89.40		918	1000	-8.2	15.0
PCB-1016 Peak 2	Ave	167.3	168.0		1000	1000	0.4	15.0
PCB-1016 Peak 3	Ave	114.9	119.6		1040	1000	4.1	15.0
PCB-1016 Peak 4	Ave	331.6	359.7		1080	1000	8.5	15.0
PCB-1016 Peak 5	Ave	120.3	123.8		1030	1000	2.9	15.0
PCB-1016 Peak 6	Ave	95.37	108.9		1140	1000	14.2	15.0
PCB-1016 Peak 7	Ave	127.6	134.4		1050	1000	5.4	15.0
PCB-1016 Peak 8	Ave	75.08	60.17		801	1000	-19.9*	15.0
PCB-1260 Peak 1	Ave	213.5	212.1		993	1000	-0.7	15.0
PCB-1260 Peak 2	Ave	373.0	368.7		989	1000	-1.1	15.0
PCB-1260 Peak 3	Ave	339.8	341.1		1000	1000	0.4	15.0
PCB-1260 Peak 4	Ave	149.8	153.8		1030	1000	2.7	15.0
PCB-1260 Peak 5	Ave	158.3	159.0		1000	1000	0.4	15.0
PCB-1260 Peak 6	Ave	214.8	188.6		878	1000	-12.2	15.0
PCB-1260 Peak 7	Ave	113.9	120.3		1060	1000	5.6	15.0
PCB-1260 Peak 8	Ave	100.6	106.4		1060	1000	5.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVRT 460-69122/2 Calibration Date: 03/31/2011 10:26

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171032.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.53	2.46	2.60
PCB-1016 Peak 2	2.86	2.79	2.93
PCB-1016 Peak 3	3.06	2.99	3.13
PCB-1016 Peak 4	3.33	3.26	3.40
PCB-1016 Peak 5	3.48	3.41	3.55
PCB-1016 Peak 6	3.54	3.47	3.61
PCB-1016 Peak 7	3.92	3.85	3.99
PCB-1016 Peak 8	4.05	3.98	4.12
PCB-1260 Peak 1	5.36	5.29	5.43
PCB-1260 Peak 2	5.70	5.63	5.77
PCB-1260 Peak 3	6.06	5.99	6.13
PCB-1260 Peak 4	6.21	6.14	6.28
PCB-1260 Peak 5	6.56	6.49	6.63
PCB-1260 Peak 6	7.60	7.53	7.67
PCB-1260 Peak 7	7.77	7.70	7.84
PCB-1260 Peak 8	8.96	8.89	9.03

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVRT 460-69122/2 Calibration Date: 03/31/2011 10:26

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171032.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3844	3903		105	100	1.6	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVRT 460-69122/2 Calibration Date: 03/31/2011 10:26

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171032.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	9.61	9.51	9.71

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69122/23 Calibration Date: 03/31/2011 17:07

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171053.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	96.62	95.18		985	1000	-1.5	15.0
PCB-1016 Peak 2	Ave	201.5	214.4		1060	1000	6.4	15.0
PCB-1016 Peak 3	Ave	93.89	109.2		1160	1000	16.3*	15.0
PCB-1016 Peak 4	Ave	364.0	401.0		1100	1000	10.2	15.0
PCB-1016 Peak 5	Ave	157.8	181.7		1150	1000	15.2*	15.0
PCB-1016 Peak 6	Ave	103.6	110.9		1070	1000	7.0	15.0
PCB-1016 Peak 7	Ave	107.1	121.9		1140	1000	13.8	15.0
PCB-1016 Peak 8	Ave	125.1	150.4		1200	1000	20.2*	15.0
PCB-1260 Peak 1	Ave	264.9	281.2		1060	1000	6.1	15.0
PCB-1260 Peak 2	Ave	294.9	316.0		1070	1000	7.2	15.0
PCB-1260 Peak 3	Ave	425.3	458.6		1080	1000	7.8	15.0
PCB-1260 Peak 4	Ave	200.2	216.5		1080	1000	8.2	15.0
PCB-1260 Peak 5	Ave	115.0	131.3		1140	1000	14.2	15.0
PCB-1260 Peak 6	Ave	226.9	245.1		1080	1000	8.0	15.0
PCB-1260 Peak 7	Ave	262.6	314.3		1200	1000	19.7*	15.0
PCB-1260 Peak 8	Ave	90.35	108.8		1200	1000	20.4*	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69122/23 Calibration Date: 03/31/2011 17:07

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171053.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.17	3.10	3.24
PCB-1016 Peak 2	3.64	3.57	3.71
PCB-1016 Peak 3	3.93	3.86	4.00
PCB-1016 Peak 4	4.19	4.11	4.25
PCB-1016 Peak 5	4.36	4.28	4.42
PCB-1016 Peak 6	4.66	4.58	4.72
PCB-1016 Peak 7	4.94	4.87	5.01
PCB-1016 Peak 8	5.10	5.03	5.17
PCB-1260 Peak 1	6.66	6.58	6.72
PCB-1260 Peak 2	7.02	6.94	7.08
PCB-1260 Peak 3	7.71	7.64	7.78
PCB-1260 Peak 4	7.92	7.85	7.99
PCB-1260 Peak 5	8.05	7.97	8.11
PCB-1260 Peak 6	8.62	8.54	8.68
PCB-1260 Peak 7	9.59	9.52	9.66
PCB-1260 Peak 8	10.21	10.14	10.28

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69122/23 Calibration Date: 03/31/2011 17:07

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171053.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3667	3342		113	100	-8.9	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69122/23 Calibration Date: 03/31/2011 17:07

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171053.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	10.70	10.60	10.80

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69122/23 Calibration Date: 03/31/2011 17:07

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171053.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	97.42	97.37		999	1000	-0.0	15.0
PCB-1016 Peak 2	Ave	167.3	175.7		1050	1000	5.0	15.0
PCB-1016 Peak 3	Ave	114.9	126.8		1100	1000	10.3	15.0
PCB-1016 Peak 4	Ave	331.6	343.6		1040	1000	3.6	15.0
PCB-1016 Peak 5	Ave	120.3	126.5		1050	1000	5.2	15.0
PCB-1016 Peak 6	Ave	95.37	117.2		1230	1000	22.9*	15.0
PCB-1016 Peak 7	Ave	127.6	137.7		1080	1000	8.0	15.0
PCB-1016 Peak 8	Ave	75.08	85.70		1140	1000	14.2	15.0
PCB-1260 Peak 1	Ave	213.5	216.5		1010	1000	1.4	15.0
PCB-1260 Peak 2	Ave	373.0	375.5		1010	1000	0.7	15.0
PCB-1260 Peak 3	Ave	339.8	345.6		1020	1000	1.7	15.0
PCB-1260 Peak 4	Ave	149.8	156.1		1040	1000	4.2	15.0
PCB-1260 Peak 5	Ave	158.3	160.6		1010	1000	1.4	15.0
PCB-1260 Peak 6	Ave	214.8	185.4		863	1000	-13.7	15.0
PCB-1260 Peak 7	Ave	113.9	125.6		1100	1000	10.3	15.0
PCB-1260 Peak 8	Ave	100.6	107.9		1070	1000	7.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69122/23 Calibration Date: 03/31/2011 17:07

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171053.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.53	2.46	2.60
PCB-1016 Peak 2	2.86	2.79	2.93
PCB-1016 Peak 3	3.06	2.99	3.13
PCB-1016 Peak 4	3.33	3.26	3.40
PCB-1016 Peak 5	3.48	3.41	3.55
PCB-1016 Peak 6	3.54	3.47	3.61
PCB-1016 Peak 7	3.93	3.85	3.99
PCB-1016 Peak 8	4.05	3.98	4.12
PCB-1260 Peak 1	5.36	5.29	5.43
PCB-1260 Peak 2	5.70	5.63	5.77
PCB-1260 Peak 3	6.06	5.99	6.13
PCB-1260 Peak 4	6.21	6.14	6.28
PCB-1260 Peak 5	6.56	6.49	6.63
PCB-1260 Peak 6	7.60	7.53	7.67
PCB-1260 Peak 7	7.77	7.70	7.84
PCB-1260 Peak 8	8.96	8.89	9.03

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69122/23 Calibration Date: 03/31/2011 17:07

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171053.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3844	3962		107	100	3.1	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69122/23 Calibration Date: 03/31/2011 17:07

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171053.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	9.61	9.51	9.71

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVRT 460-69162/2 Calibration Date: 03/31/2011 23:54

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171078.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	96.62	99.5		1030	1000	3.0	15.0
PCB-1016 Peak 2	Ave	201.5	211.6		1050	1000	5.0	15.0
PCB-1016 Peak 3	Ave	93.89	107.5		1140	1000	14.5	15.0
PCB-1016 Peak 4	Ave	364.0	404.1		1110	1000	11.0	15.0
PCB-1016 Peak 5	Ave	157.8	182.9		1160	1000	15.9*	15.0
PCB-1016 Peak 6	Ave	103.6	111.0		1070	1000	7.1	15.0
PCB-1016 Peak 7	Ave	107.1	128.1		1200	1000	19.6*	15.0
PCB-1016 Peak 8	Ave	125.1	151.0		1210	1000	20.7*	15.0
PCB-1260 Peak 1	Ave	264.9	279.3		1050	1000	5.4	15.0
PCB-1260 Peak 2	Ave	294.9	313.8		1060	1000	6.4	15.0
PCB-1260 Peak 3	Ave	425.3	445.2		1050	1000	4.7	15.0
PCB-1260 Peak 4	Ave	200.2	212.3		1060	1000	6.1	15.0
PCB-1260 Peak 5	Ave	115.0	126.5		1100	1000	10.0	15.0
PCB-1260 Peak 6	Ave	226.9	242.1		1070	1000	6.7	15.0
PCB-1260 Peak 7	Ave	262.6	284.5		1080	1000	8.3	15.0
PCB-1260 Peak 8	Ave	90.35	106.7		1180	1000	18.1*	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVRT 460-69162/2 Calibration Date: 03/31/2011 23:54

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171078.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.17	3.10	3.24
PCB-1016 Peak 2	3.64	3.57	3.71
PCB-1016 Peak 3	3.93	3.86	4.00
PCB-1016 Peak 4	4.19	4.11	4.25
PCB-1016 Peak 5	4.36	4.28	4.42
PCB-1016 Peak 6	4.66	4.58	4.72
PCB-1016 Peak 7	4.94	4.87	5.01
PCB-1016 Peak 8	5.10	5.03	5.17
PCB-1260 Peak 1	6.65	6.58	6.72
PCB-1260 Peak 2	7.01	6.94	7.08
PCB-1260 Peak 3	7.71	7.64	7.78
PCB-1260 Peak 4	7.92	7.85	7.99
PCB-1260 Peak 5	8.04	7.97	8.11
PCB-1260 Peak 6	8.62	8.54	8.68
PCB-1260 Peak 7	9.59	9.52	9.66
PCB-1260 Peak 8	10.21	10.14	10.28

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVRT 460-69162/2 Calibration Date: 03/31/2011 23:54

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171078.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3667	3391		114	100	-7.5	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVRT 460-69162/2 Calibration Date: 03/31/2011 23:54

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171078.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	10.70	10.60	10.80

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVRT 460-69162/2 Calibration Date: 03/31/2011 23:54

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171078.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	97.42	98.63		1010	1000	1.2	15.0
PCB-1016 Peak 2	Ave	167.3	176.7		1060	1000	5.6	15.0
PCB-1016 Peak 3	Ave	114.9	128.1		1110	1000	11.5	15.0
PCB-1016 Peak 4	Ave	331.6	374.3		1130	1000	12.9	15.0
PCB-1016 Peak 5	Ave	120.3	128.4		1070	1000	6.7	15.0
PCB-1016 Peak 6	Ave	95.37	120.3		1260	1000	26.2*	15.0
PCB-1016 Peak 7	Ave	127.6	137.7		1080	1000	8.0	15.0
PCB-1016 Peak 8	Ave	75.08	88.30		1180	1000	17.6*	15.0
PCB-1260 Peak 1	Ave	213.5	217.0		1020	1000	1.6	15.0
PCB-1260 Peak 2	Ave	373.0	377.2		1010	1000	1.1	15.0
PCB-1260 Peak 3	Ave	339.8	347.9		1020	1000	2.4	15.0
PCB-1260 Peak 4	Ave	149.8	157.8		1050	1000	5.4	15.0
PCB-1260 Peak 5	Ave	158.3	142.7		901	1000	-9.9	15.0
PCB-1260 Peak 6	Ave	214.8	175.7		818	1000	-18.2*	15.0
PCB-1260 Peak 7	Ave	113.9	125.9		1110	1000	10.5	15.0
PCB-1260 Peak 8	Ave	100.6	108.0		1070	1000	7.4	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVRT 460-69162/2 Calibration Date: 03/31/2011 23:54

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171078.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.52	2.46	2.60
PCB-1016 Peak 2	2.86	2.79	2.93
PCB-1016 Peak 3	3.06	2.99	3.13
PCB-1016 Peak 4	3.33	3.26	3.40
PCB-1016 Peak 5	3.48	3.41	3.55
PCB-1016 Peak 6	3.53	3.47	3.61
PCB-1016 Peak 7	3.92	3.86	4.00
PCB-1016 Peak 8	4.05	3.98	4.12
PCB-1260 Peak 1	5.36	5.29	5.43
PCB-1260 Peak 2	5.70	5.63	5.77
PCB-1260 Peak 3	6.05	5.99	6.13
PCB-1260 Peak 4	6.20	6.14	6.28
PCB-1260 Peak 5	6.56	6.49	6.63
PCB-1260 Peak 6	7.60	7.53	7.67
PCB-1260 Peak 7	7.77	7.70	7.84
PCB-1260 Peak 8	8.96	8.89	9.03

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVRT 460-69162/2 Calibration Date: 03/31/2011 23:54

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171078.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3844	4028		109	100	4.8	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCVRT 460-69162/2 Calibration Date: 03/31/2011 23:54

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171078.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	9.61	9.51	9.71

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69162/18 Calibration Date: 04/01/2011 05:00

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171094.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	96.62	102.8		1060	1000	6.4	15.0
PCB-1016 Peak 2	Ave	201.5	218.1		1080	1000	8.2	15.0
PCB-1016 Peak 3	Ave	93.89	108.4		1150	1000	15.5*	15.0
PCB-1016 Peak 4	Ave	364.0	397.9		1090	1000	9.3	15.0
PCB-1016 Peak 5	Ave	157.8	178.3		1130	1000	13.0	15.0
PCB-1016 Peak 6	Ave	103.6	108.0		1040	1000	4.2	15.0
PCB-1016 Peak 7	Ave	107.1	115.0		1070	1000	7.3	15.0
PCB-1016 Peak 8	Ave	125.1	140.9		1130	1000	12.6	15.0
PCB-1260 Peak 1	Ave	264.9	272.5		1030	1000	2.9	15.0
PCB-1260 Peak 2	Ave	294.9	306.8		1040	1000	4.0	15.0
PCB-1260 Peak 3	Ave	425.3	452.2		1060	1000	6.3	15.0
PCB-1260 Peak 4	Ave	200.2	213.9		1070	1000	6.8	15.0
PCB-1260 Peak 5	Ave	115.0	127.9		1110	1000	11.2	15.0
PCB-1260 Peak 6	Ave	226.9	243.9		1070	1000	7.5	15.0
PCB-1260 Peak 7	Ave	262.6	271.6		1030	1000	3.4	15.0
PCB-1260 Peak 8	Ave	90.35	105.8		1170	1000	17.1*	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69162/18 Calibration Date: 04/01/2011 05:00

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: of171094.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	3.17	3.10	3.24
PCB-1016 Peak 2	3.64	3.57	3.71
PCB-1016 Peak 3	3.92	3.85	3.99
PCB-1016 Peak 4	4.18	4.11	4.25
PCB-1016 Peak 5	4.35	4.28	4.42
PCB-1016 Peak 6	4.65	4.58	4.72
PCB-1016 Peak 7	4.94	4.87	5.01
PCB-1016 Peak 8	5.10	5.03	5.17
PCB-1260 Peak 1	6.65	6.58	6.72
PCB-1260 Peak 2	7.01	6.94	7.08
PCB-1260 Peak 3	7.71	7.64	7.78
PCB-1260 Peak 4	7.92	7.85	7.99
PCB-1260 Peak 5	8.04	7.97	8.11
PCB-1260 Peak 6	8.61	8.54	8.68
PCB-1260 Peak 7	9.59	9.52	9.66
PCB-1260 Peak 8	10.20	10.13	10.27

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69162/18 Calibration Date: 04/01/2011 05:00

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171094.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3667	3363		113	100	-8.3	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69162/18 Calibration Date: 04/01/2011 05:00

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: of171094.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	10.70	10.60	10.80

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69162/18 Calibration Date: 04/01/2011 05:00

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171094.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	97.42	97.81		1000	1000	0.4	15.0
PCB-1016 Peak 2	Ave	167.3	176.8		1060	1000	5.6	15.0
PCB-1016 Peak 3	Ave	114.9	128.4		1120	1000	11.7	15.0
PCB-1016 Peak 4	Ave	331.6	370.5		1120	1000	11.7	15.0
PCB-1016 Peak 5	Ave	120.3	126.5		1050	1000	5.2	15.0
PCB-1016 Peak 6	Ave	95.37	109.5		1150	1000	14.9	15.0
PCB-1016 Peak 7	Ave	127.6	137.1		1070	1000	7.5	15.0
PCB-1016 Peak 8	Ave	75.08	77.63		1030	1000	3.4	15.0
PCB-1260 Peak 1	Ave	213.5	216.3		1010	1000	1.3	15.0
PCB-1260 Peak 2	Ave	373.0	375.5		1010	1000	0.7	15.0
PCB-1260 Peak 3	Ave	339.8	347.4		1020	1000	2.3	15.0
PCB-1260 Peak 4	Ave	149.8	157.2		1050	1000	5.0	15.0
PCB-1260 Peak 5	Ave	158.3	163.7		1030	1000	3.4	15.0
PCB-1260 Peak 6	Ave	214.8	190.2		886	1000	-11.4	15.0
PCB-1260 Peak 7	Ave	113.9	130.2		1140	1000	14.3	15.0
PCB-1260 Peak 8	Ave	100.6	111.5		1110	1000	10.9	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69162/18 Calibration Date: 04/01/2011 05:00

Instrument ID: PESTGC7 Calib Start Date: 03/08/2011 21:40

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/08/2011 22:45

Lab File ID: or171094.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.52	2.45	2.59
PCB-1016 Peak 2	2.86	2.79	2.93
PCB-1016 Peak 3	3.06	2.99	3.13
PCB-1016 Peak 4	3.33	3.26	3.40
PCB-1016 Peak 5	3.47	3.40	3.54
PCB-1016 Peak 6	3.53	3.46	3.60
PCB-1016 Peak 7	3.92	3.85	3.99
PCB-1016 Peak 8	4.05	3.98	4.12
PCB-1260 Peak 1	5.36	5.29	5.43
PCB-1260 Peak 2	5.70	5.63	5.77
PCB-1260 Peak 3	6.05	5.98	6.12
PCB-1260 Peak 4	6.20	6.13	6.27
PCB-1260 Peak 5	6.56	6.49	6.63
PCB-1260 Peak 6	7.60	7.53	7.67
PCB-1260 Peak 7	7.77	7.70	7.84
PCB-1260 Peak 8	8.96	8.89	9.03

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69162/18 Calibration Date: 04/01/2011 05:00

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171094.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
DCB Decachlorobiphenyl	Ave	3844	3967		107	100	3.2	15.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69162/18 Calibration Date: 04/01/2011 05:00

Instrument ID: PESTGC7 Calib Start Date: 03/11/2011 09:45

GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 03/11/2011 11:36

Lab File ID: or171094.d

Analyte	RT	RT WINDOW	
		TO	FROM
DCB Decachlorobiphenyl	9.61	9.51	9.71

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68887/1-A

Matrix: Solid Lab File ID: of171001.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.00(g) Date Analyzed: 03/31/2011 01:45

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.: 69079 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	127		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-30-11/30mar11d.b/of171001.d
Lab Smp Id: MB 460-68887/1-A
Inj Date : 31-MAR-2011 01:45
Operator : 615 Inst ID: PESTGC7.i
Smp Info : MB 460-68887/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Mar11/03-30-11/30mar11d.b/08Of8082.m
Meth Date : 31-Mar-2011 12:46 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 42 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

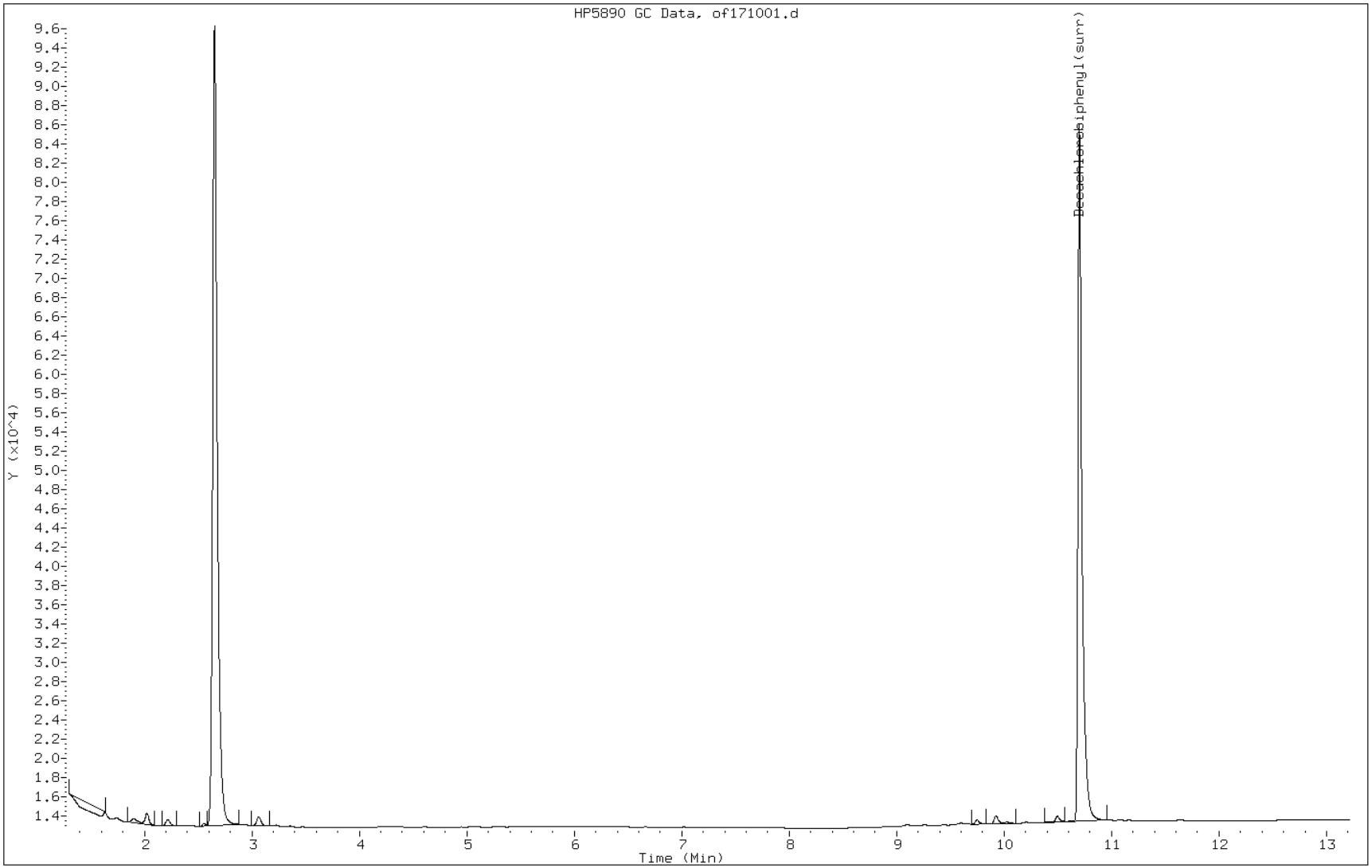
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/kg)	TARGET RANGE	RATIO
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.700	10.698	0.002	188617	63.5792	42	80.00- 120.00	100.00

Data File: of171001.d

Date: 31-MAR-2011 01:45

Client ID: Instrument: PESTGC7.i

Sample Info: MB 460-68887/1-A Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68887/1-A

Matrix: Solid Lab File ID: or171001.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.00(g) Date Analyzed: 03/31/2011 01:45

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.: 69079 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	67	U	67	13
11104-28-2	Aroclor 1221	67	U	67	20
11141-16-5	Aroclor 1232	67	U	67	38
53469-21-9	Aroclor 1242	67	U	67	13
12672-29-6	Aroclor 1248	67	U	67	18
11097-69-1	Aroclor 1254	67	U	67	23
11096-82-5	Aroclor 1260	67	U	67	7.5
37324-23-5	Aroclor 1262	67	U	67	12
11100-14-4	Aroclor 1268	67	U	67	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	118		30-150

Data File: or171001.d
Report Date: 31-Mar-2011 12:49

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-30-11/30mar11d.b/or171001.d
Lab Smp Id: MB 460-68887/1-A
Inj Date : 31-MAR-2011 01:45
Operator : 615 Inst ID: PESTGC7.i
Smp Info : MB 460-68887/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-30-11/30mar11d.b/08Or8082.m
Meth Date : 31-Mar-2011 12:43 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 42 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		
9.612	9.610	0.002	219143	59.1064	39	80.00- 120.00	100.00

Data File: or171001.d

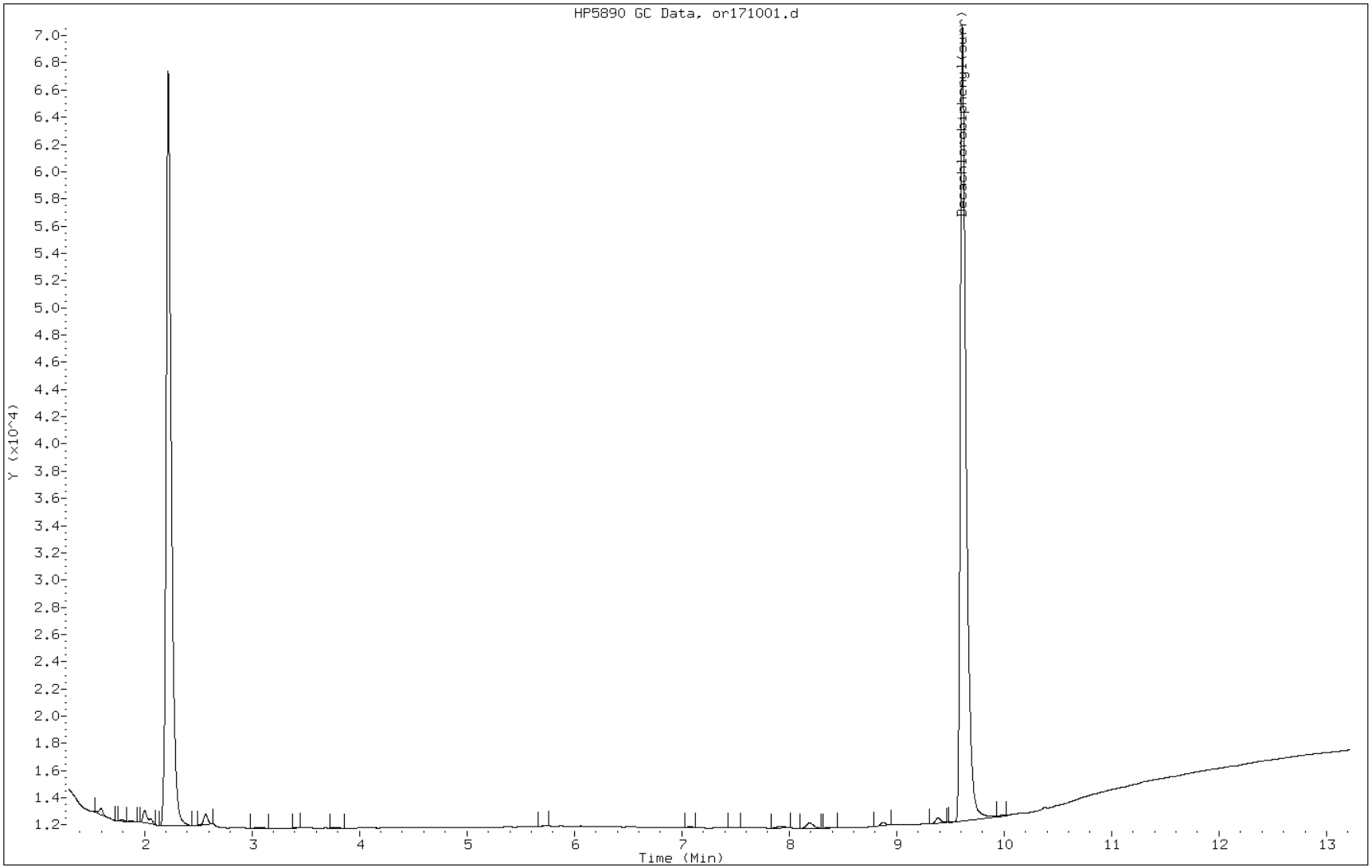
Date: 31-MAR-2011 01:45

Client ID:

Instrument: PESTGC7.i

Sample Info: MB 460-68887/1-A

Operator: 615



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-68887/2-A

Matrix: Solid Lab File ID: of171002.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.00(g) Date Analyzed: 03/31/2011 02:01

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.: 69079 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	429		67	13
11104-28-2	*Aroclor 1221*	*67*	*U*	*67*	*20*
11141-16-5	*Aroclor 1232*	*67*	*U*	*67*	*38*
53469-21-9	*Aroclor 1242*	*67*	*U*	*67*	*13*
12672-29-6	*Aroclor 1248*	*67*	*U*	*67*	*18*
11097-69-1	*Aroclor 1254*	*67*	*U*	*67*	*23*
11096-82-5	Aroclor 1260	416		67	7.5
37324-23-5	*Aroclor 1262*	*67*	*U*	*67*	*12*
11100-14-4	*Aroclor 1268*	*67*	*U*	*67*	*12*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	142		30-150

Data File: of171002.d
Report Date: 31-Mar-2011 12:44

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Mar11/03-30-11/30mar11d.b/of171002.d
Lab Smp Id: LCS 460-68887/2-A
Inj Date : 31-MAR-2011 02:01
Operator : 615 Inst ID: PESTGC7.i
Smp Info : LCS 460-68887/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Mar11/03-30-11/30mar11d.b/08Of8082.m
Meth Date : 31-Mar-2011 12:44 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: of170294.d
Als bottle: 43 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		
3.173	3.175	-0.002	61117	632.540	420	80.00- 120.00	100.00(M)
3.645	3.645	0.000	128501	637.614	420	164.98- 247.48	210.25
3.930	3.932	-0.002	59374	632.349	420	103.22- 154.83	97.15
4.188	4.190	-0.002	227246	624.366	420	297.90- 446.85	371.82
4.358	4.358	0.000	103607	656.737	440	130.24- 195.36	169.52
4.658	4.660	-0.002	68019	656.394	440	153.09- 229.63	111.29
4.943	4.943	0.000	70709	660.140	440	146.36- 219.54	115.69
5.102	5.102	0.000	81260	649.622	430	110.89- 166.33	132.96
Average of Peak Concentrations =					430		
27 Aroclor-1260					CAS #: 11096-82-5		
6.655	6.657	-0.002	163912	618.838	410	80.00- 120.00	100.00(M)

Data File: of171002.d
Report Date: 31-Mar-2011 12:44

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
27 Aroclor-1260 (continued)							
7.017	7.017	0.000	183984	623.790	420	89.80- 134.70	112.25
7.715	7.715	0.000	255932	601.829	400	129.87- 194.80	156.14
7.922	7.923	-0.001	126119	629.956	420	61.32- 91.98	76.94
8.047	8.047	0.000	72503	630.593	420	37.09- 55.63	44.23
8.618	8.618	0.000	141175	622.216	410	69.65- 104.48	86.13
9.595	9.595	0.000	160486	611.111	410	125.98- 188.97	97.91
10.207	10.207	0.000	59565	659.235	440	30.36- 45.54	36.34
Average of Peak Concentrations =					420		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.700	10.700	0.000	210796	71.0554	47	80.00- 120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: of171002.d

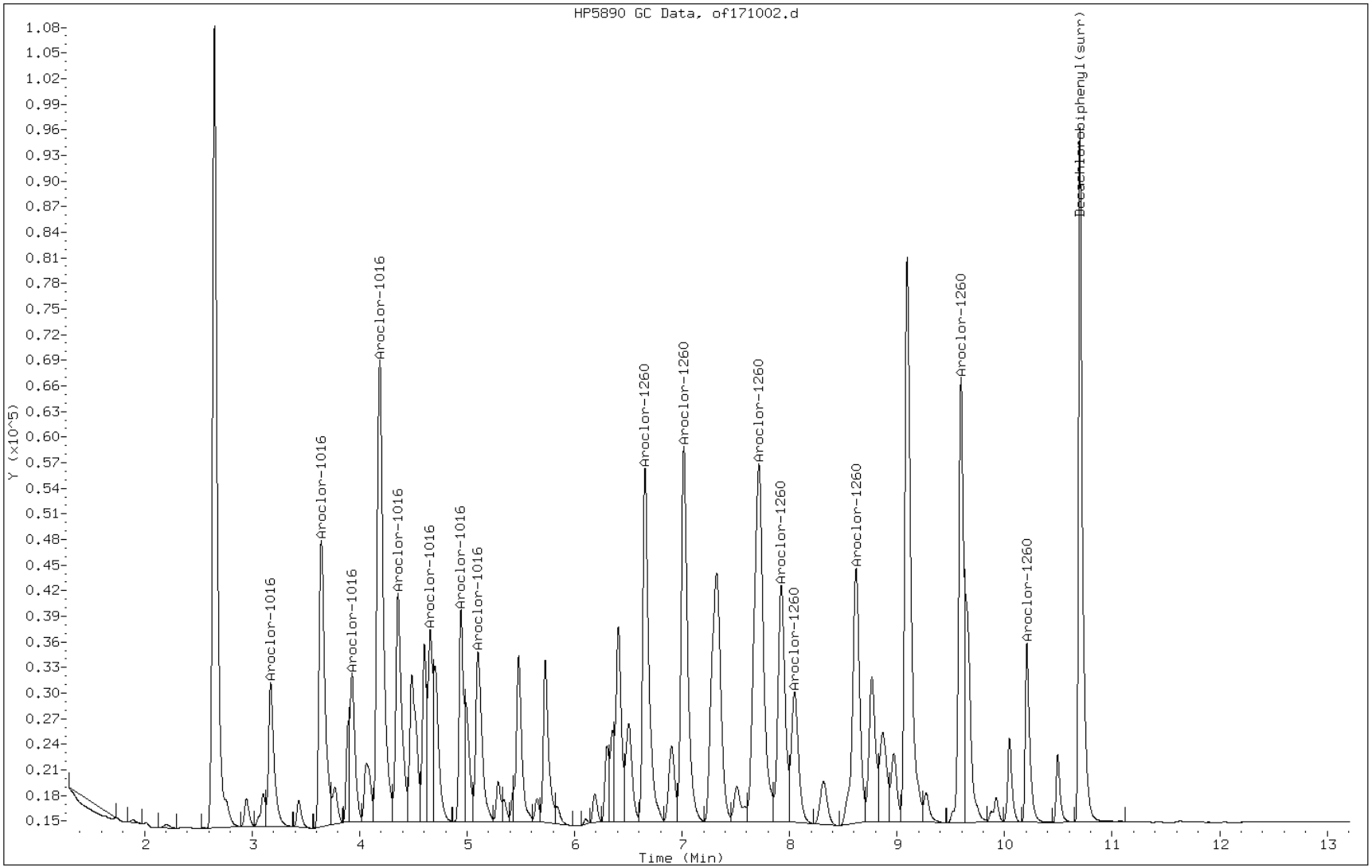
Date: 31-MAR-2011 02:01

Client ID:

Instrument: PESTGC7.i

Sample Info: LCS 460-68887/2-A

Operator: 615



Manual Integration Report

Data File: of171002.d
Inj. Date and Time: 31-MAR-2011 02:01
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 03/31/2011

Processing Integration Results

Not Detected

Expected RT: 3.17

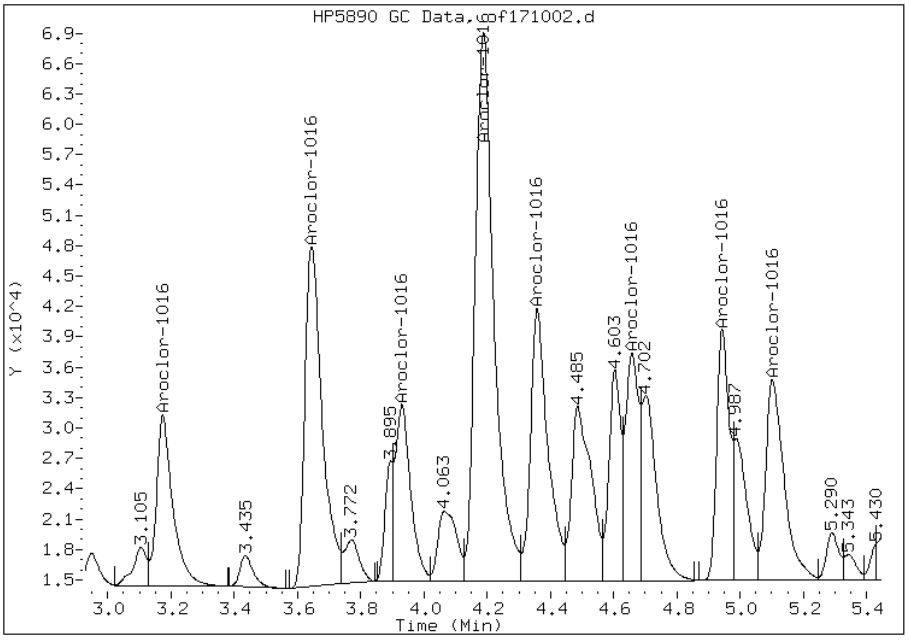
Manual Integration Results

RT: 3.17

Response: 61117

Amount: 643.72

Conc: 430.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of171002.d
Inj. Date and Time: 31-MAR-2011 02:01
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/31/2011

Processing Integration Results

Not Detected

Expected RT: 6.65

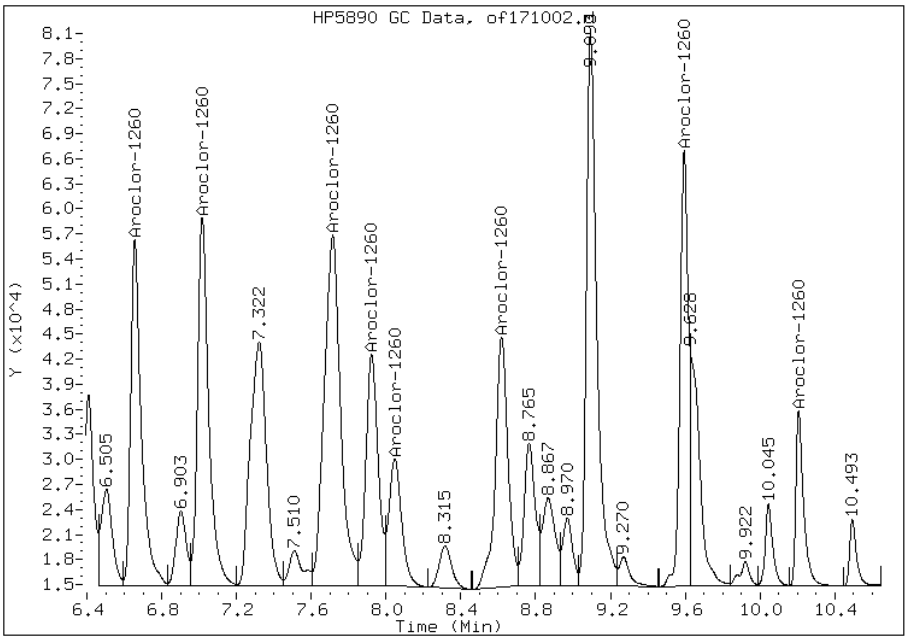
Manual Integration Results

RT: 6.66

Response: 163912

Amount: 624.70

Conc: 420.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-68887/2-A

Matrix: Solid Lab File ID: or171002.d

Analysis Method: 8082 Date Collected:

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.00(g) Date Analyzed: 03/31/2011 02:01

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.: 69079 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*407*		*67*	*13*
11104-28-2	Aroclor 1221	67	U	67	20
11141-16-5	Aroclor 1232	67	U	67	38
53469-21-9	Aroclor 1242	67	U	67	13
12672-29-6	Aroclor 1248	67	U	67	18
11097-69-1	Aroclor 1254	67	U	67	23
11096-82-5	*Aroclor 1260*	*386*		*67*	*7.5*
37324-23-5	Aroclor 1262	67	U	67	12
11100-14-4	Aroclor 1268	67	U	67	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	133		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Mar11/03-30-11/30mar11d.b/or171002.d
Lab Smp Id: LCS 460-68887/2-A
Inj Date : 31-MAR-2011 02:01
Operator : 615 Inst ID: PESTGC7.i
Smp Info : LCS 460-68887/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Mar11/03-30-11/30mar11d.b/08Or8082.m
Meth Date : 31-Mar-2011 12:43 shanthi Quant Type: ESTD
Cal Date : 09-MAR-2011 00:40 Cal File: or170294.d
Als bottle: 43 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		
2.527	2.525	0.002	55601	570.741	380	80.00- 120.00	100.00(M)
2.863	2.862	0.001	101478	606.486	400	144.85- 217.28	182.51
3.062	3.058	0.004	69449	604.349	400	99.68- 149.51	124.91
3.332	3.328	0.004	204960	618.132	410	306.75- 460.13	368.63
3.480	3.477	0.003	71737	596.294	400	106.03- 159.04	129.02
3.537	3.535	0.002	61262	642.391	430	89.14- 133.71	110.18
3.927	3.923	0.004	78369	614.402	410	112.95- 169.43	140.95
4.052	4.048	0.004	46994	625.953	420	71.29- 106.94	84.52
Average of Peak Concentrations =					410		
27 Aroclor-1260					CAS #: 11096-82-5		
5.358	5.355	0.003	129997	608.991	400	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)							
5.705	5.702	0.003	223065	598.085	400	139.51- 209.27	171.59
6.058	6.055	0.003	199682	587.679	390	129.05- 193.57	153.61
6.208	6.205	0.003	92914	620.408	410	58.05- 87.07	71.47
6.560	6.557	0.003	91066	575.179	380	59.73- 89.59	70.05
7.603	7.600	0.003	96080	447.312	300	72.56- 108.84	73.91
7.775	7.772	0.003	71066	623.967	420	47.40- 71.11	54.67
8.958	8.957	0.001	57040	567.145	380	39.73- 59.59	43.88
		Average of Peak Concentrations =			380		
$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
9.612	9.610	0.002	245854	66.3107	44	80.00- 120.00	100.00

QC Flag Legend

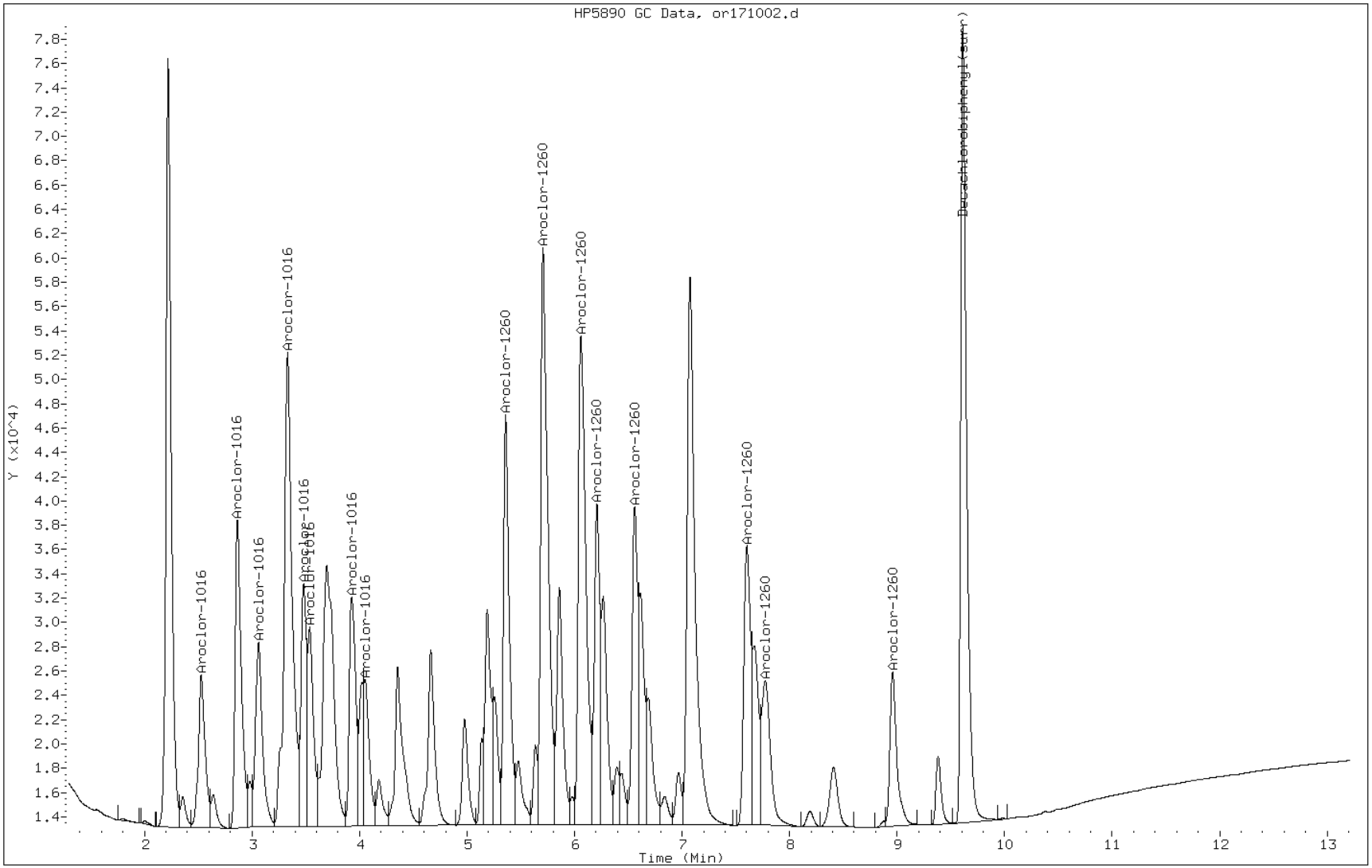
M - Compound response manually integrated.

Data File: or171002.d

Date: 31-MAR-2011 02:01

Client ID: Instrument: PESTGC7.i

Sample Info: LCS 460-68887/2-A Operator: 615



Manual Integration Report

Data File: or171002.d
Inj. Date and Time: 31-MAR-2011 02:01
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 03/31/2011

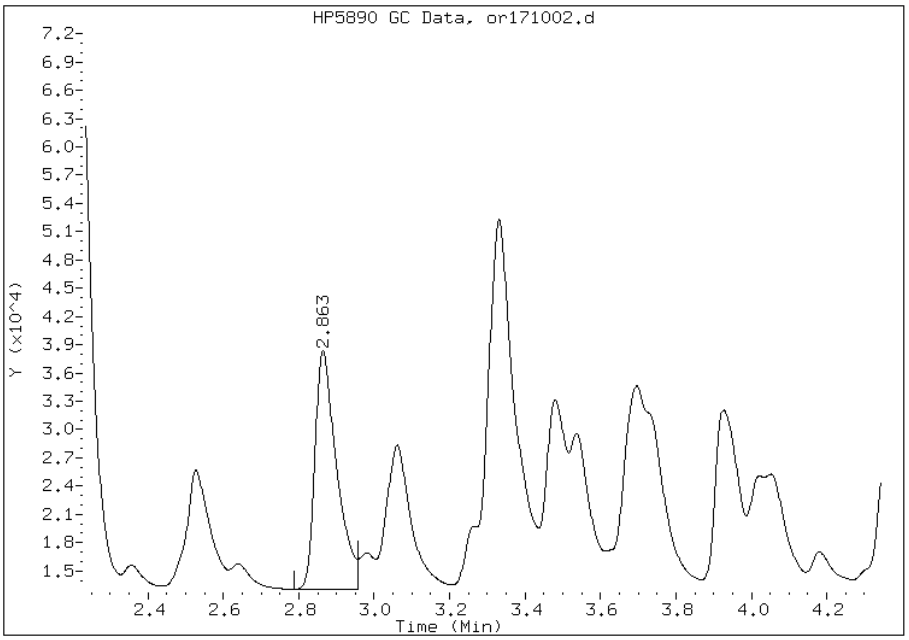
Processing Integration Results

RT: 2.86

Response: 101853

Amount: 612.26

Conc: 410.00



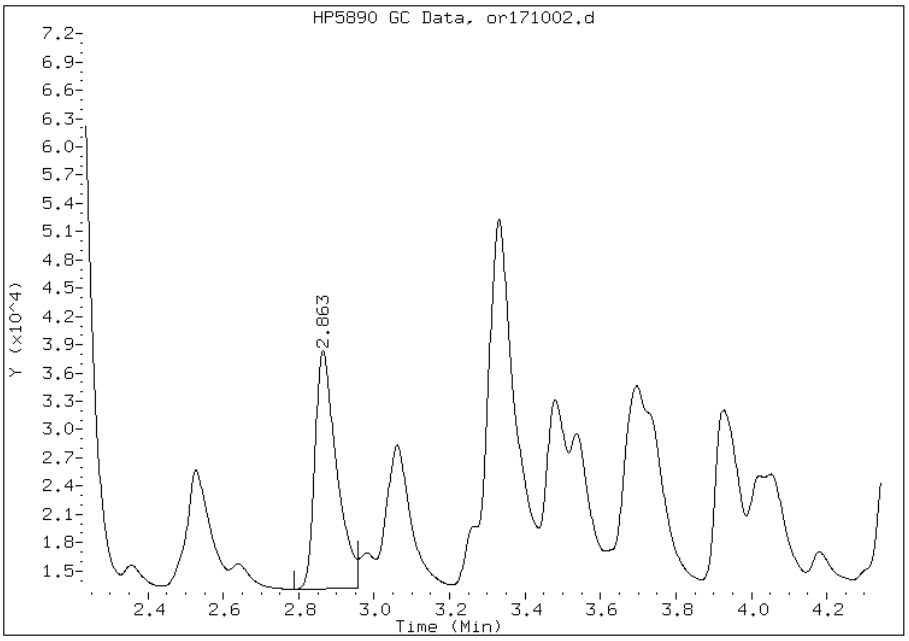
Manual Integration Results

RT: 2.86

Response: 101478

Amount: 609.84

Conc: 410.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or171002.d
Inj. Date and Time: 31-MAR-2011 02:01
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 03/31/2011

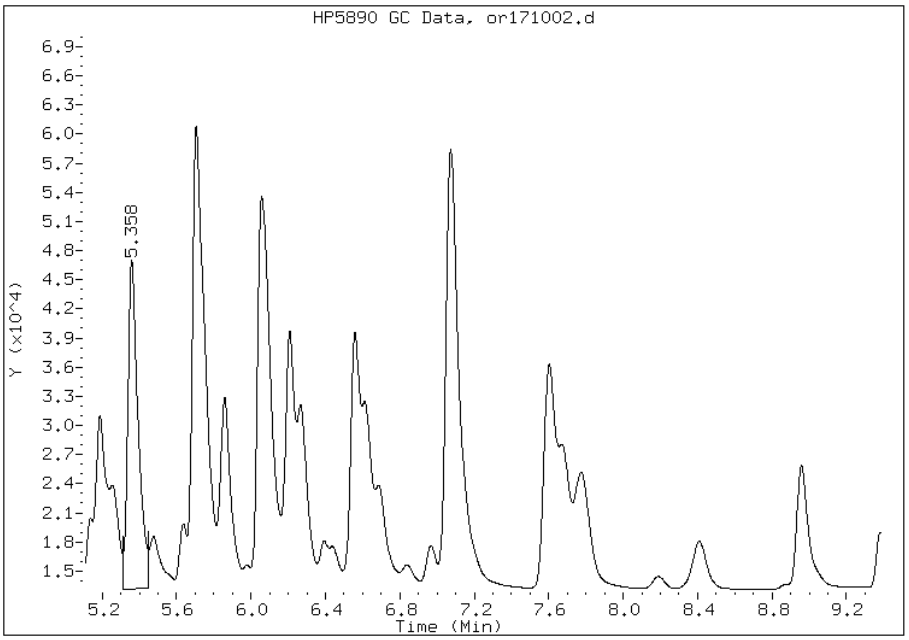
Processing Integration Results

RT: 5.36

Response: 130927

Amount: 580.52

Conc: 390.00



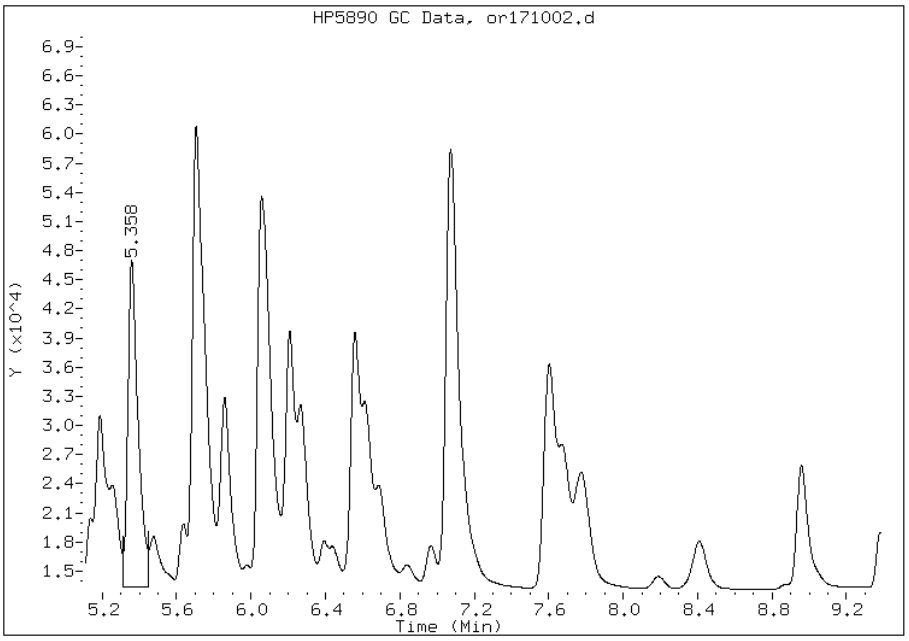
Manual Integration Results

RT: 5.36

Response: 129997

Amount: 578.60

Conc: 380.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-VS-E (1-3) MS Lab Sample ID: 460-24280-1 MS

Matrix: Solid Lab File ID: of171003.d

Analysis Method: 8082 Date Collected: 03/17/2011 09:04

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.02(g) Date Analyzed: 03/31/2011 02:25

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69079 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	490		72	14
11104-28-2	*Aroclor 1221*	*72*	*U*	*72*	*22*
11141-16-5	*Aroclor 1232*	*72*	*U*	*72*	*41*
53469-21-9	*Aroclor 1242*	*72*	*U*	*72*	*14*
12672-29-6	*Aroclor 1248*	*72*	*U*	*72*	*19*
11097-69-1	*Aroclor 1254*	*72*	*U*	*72*	*25*
11096-82-5	Aroclor 1260	477		72	8.0
37324-23-5	*Aroclor 1262*	*72*	*U*	*72*	*12*
11100-14-4	*Aroclor 1268*	*72*	*U*	*72*	*12*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	148		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-VS-E (1-3) MS Lab Sample ID: 460-24280-1 MS

Matrix: Solid Lab File ID: or171003.d

Analysis Method: 8082 Date Collected: 03/17/2011 09:04

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.02(g) Date Analyzed: 03/31/2011 02:25

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69079 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*438*		*72*	*14*
11104-28-2	Aroclor 1221	72	U	72	22
11141-16-5	Aroclor 1232	72	U	72	41
53469-21-9	Aroclor 1242	72	U	72	14
12672-29-6	Aroclor 1248	72	U	72	19
11097-69-1	Aroclor 1254	72	U	72	25
11096-82-5	*Aroclor 1260*	*447*		*72*	*8.0*
37324-23-5	Aroclor 1262	72	U	72	12
11100-14-4	Aroclor 1268	72	U	72	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	136		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-VS-E (1-3) MSD | Lab Sample ID: 460-24280-1 MSD

Matrix: Solid | Lab File ID: of171004.d

Analysis Method: 8082 | Date Collected: 03/17/2011 09:04

Extraction Method: 3541 | Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.04(g) | Date Analyzed: 03/31/2011 02:41

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 6.9 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69079 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	404		72	14
11104-28-2	*Aroclor 1221*	*72*	*U*	*72*	*22*
11141-16-5	*Aroclor 1232*	*72*	*U*	*72*	*41*
53469-21-9	*Aroclor 1242*	*72*	*U*	*72*	*14*
12672-29-6	*Aroclor 1248*	*72*	*U*	*72*	*19*
11097-69-1	*Aroclor 1254*	*72*	*U*	*72*	*25*
11096-82-5	Aroclor 1260	397		72	8.0
37324-23-5	*Aroclor 1262*	*72*	*U*	*72*	*12*
11100-14-4	*Aroclor 1268*	*72*	*U*	*72*	*12*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	125		30-150

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-VS-E (1-3) MSD Lab Sample ID: 460-24280-1 MSD

Matrix: Solid Lab File ID: or171004.d

Analysis Method: 8082 Date Collected: 03/17/2011 09:04

Extraction Method: 3541 Date Extracted: 03/30/2011 04:02

Sample wt/vol: 15.04(g) Date Analyzed: 03/31/2011 02:41

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: GC Column: CLP-1 ID: 0.53(mm)

% Moisture: 6.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69079 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*386*		*72*	*14*
11104-28-2	Aroclor 1221	72	U	72	22
11141-16-5	Aroclor 1232	72	U	72	41
53469-21-9	Aroclor 1242	72	U	72	14
12672-29-6	Aroclor 1248	72	U	72	19
11097-69-1	Aroclor 1254	72	U	72	25
11096-82-5	*Aroclor 1260*	*374*		*72*	*8.0*
37324-23-5	Aroclor 1262	72	U	72	12
11100-14-4	Aroclor 1268	72	U	72	12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	115		30-150

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 03/08/2011 20:28

Analysis Batch Number: 66778 End Date: 03/09/2011 00:56

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-66778/1		03/08/2011 20:28	1		CLP-2 0.53(mm)
RINSE 460-66778/1		03/08/2011 20:28	1		CLP-1 0.53(mm)
RINSE 460-66778/2		03/08/2011 20:50	1		CLP-2 0.53(mm)
RINSE 460-66778/2		03/08/2011 20:50	1		CLP-1 0.53(mm)
PIBLK 460-66778/3		03/08/2011 21:07	1		CLP-2 0.53(mm)
PIBLK 460-66778/3		03/08/2011 21:07	1		CLP-1 0.53(mm)
IC 460-66778/4		03/08/2011 21:23	1		CLP-2 0.53(mm)
IC 460-66778/4		03/08/2011 21:23	1		CLP-1 0.53(mm)
IC 460-66778/5		03/08/2011 21:40	1	of170283.d	CLP-2 0.53(mm)
IC 460-66778/5		03/08/2011 21:40	1	or170283.d	CLP-1 0.53(mm)
IC 460-66778/6		03/08/2011 21:56	1	of170284.d	CLP-2 0.53(mm)
IC 460-66778/6		03/08/2011 21:56	1	or170284.d	CLP-1 0.53(mm)
IC 460-66778/7		03/08/2011 22:12	1	of170285.d	CLP-2 0.53(mm)
IC 460-66778/7		03/08/2011 22:12	1	or170285.d	CLP-1 0.53(mm)
IC 460-66778/8		03/08/2011 22:29	1	of170286.d	CLP-2 0.53(mm)
IC 460-66778/8		03/08/2011 22:29	1	or170286.d	CLP-1 0.53(mm)
IC 460-66778/9		03/08/2011 22:45	1	of170287.d	CLP-2 0.53(mm)
IC 460-66778/9		03/08/2011 22:45	1	or170287.d	CLP-1 0.53(mm)
IC 460-66778/10		03/08/2011 23:02	1	of170288.d	CLP-2 0.53(mm)
IC 460-66778/10		03/08/2011 23:02	1	or170288.d	CLP-1 0.53(mm)
IC 460-66778/11		03/08/2011 23:18	1	of170289.d	CLP-2 0.53(mm)
IC 460-66778/11		03/08/2011 23:18	1	or170289.d	CLP-1 0.53(mm)
IC 460-66778/12		03/08/2011 23:34	1	of170290.d	CLP-2 0.53(mm)
IC 460-66778/12		03/08/2011 23:34	1	or170290.d	CLP-1 0.53(mm)
IC 460-66778/13		03/08/2011 23:51	1	of170291.d	CLP-2 0.53(mm)
IC 460-66778/13		03/08/2011 23:51	1	or170291.d	CLP-1 0.53(mm)
IC 460-66778/14		03/09/2011 00:07	1	of170292.d	CLP-2 0.53(mm)
IC 460-66778/14		03/09/2011 00:07	1	or170292.d	CLP-1 0.53(mm)
IC 460-66778/15		03/09/2011 00:23	1	of170293.d	CLP-2 0.53(mm)
IC 460-66778/15		03/09/2011 00:23	1	or170293.d	CLP-1 0.53(mm)
IC 460-66778/16		03/09/2011 00:40	1	of170294.d	CLP-2 0.53(mm)
IC 460-66778/16		03/09/2011 00:40	1	or170294.d	CLP-1 0.53(mm)
ZZZZZ		03/09/2011 00:56	1		CLP-2 0.53(mm)
ZZZZZ		03/09/2011 00:56	1		CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 03/31/2011 01:12

Analysis Batch Number: 69079 End Date: 03/31/2011 07:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/31/2011 01:12	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 01:12	1		CLP-1 0.53(mm)
CCVRT 460-69079/2		03/31/2011 01:28	1	of171000.d	CLP-2 0.53(mm)
CCVRT 460-69079/2		03/31/2011 01:28	1	or171000.d	CLP-1 0.53(mm)
MB 460-68887/1-A		03/31/2011 01:45	1	of171001.d	CLP-2 0.53(mm)
MB 460-68887/1-A		03/31/2011 01:45	1	or171001.d	CLP-1 0.53(mm)
LCS 460-68887/2-A		03/31/2011 02:01	1	of171002.d	CLP-2 0.53(mm)
LCS 460-68887/2-A		03/31/2011 02:01	1	or171002.d	CLP-1 0.53(mm)
460-24280-1 MS	PMP-25-VS-E (1-3) MS	03/31/2011 02:25	1	of171003.d	CLP-2 0.53(mm)
460-24280-1 MS	PMP-25-VS-E (1-3) MS	03/31/2011 02:25	1	or171003.d	CLP-1 0.53(mm)
460-24280-1 MSD	PMP-25-VS-E (1-3) MSD	03/31/2011 02:41	1	of171004.d	CLP-2 0.53(mm)
460-24280-1 MSD	PMP-25-VS-E (1-3) MSD	03/31/2011 02:41	1	or171004.d	CLP-1 0.53(mm)
460-24280-1	PMP-25-VS-E (1-3)	03/31/2011 02:57	1	of171005.d	CLP-2 0.53(mm)
460-24280-1	PMP-25-VS-E (1-3)	03/31/2011 02:57	1	or171005.d	CLP-1 0.53(mm)
460-24280-2	PMP-25-VD-E (3-5)	03/31/2011 03:13	1	of171006.d	CLP-2 0.53(mm)
460-24280-2	PMP-25-VD-E (3-5)	03/31/2011 03:13	1	or171006.d	CLP-1 0.53(mm)
460-24280-3	PMP-25-WT-E (7.5-9.5)	03/31/2011 03:30	1	of171007.d	CLP-2 0.53(mm)
460-24280-3	PMP-25-WT-E (7.5-9.5)	03/31/2011 03:30	1	or171007.d	CLP-1 0.53(mm)
460-24280-4	PMP-21-VD-E (3.5-4)	03/31/2011 03:54	1	of171008.d	CLP-2 0.53(mm)
460-24280-4	PMP-21-VD-E (3.5-4)	03/31/2011 03:54	1	or171008.d	CLP-1 0.53(mm)
460-24280-5	PMP-21-WT-E (8-8.5)	03/31/2011 04:11	1	of171009.d	CLP-2 0.53(mm)
460-24280-5	PMP-21-WT-E (8-8.5)	03/31/2011 04:11	1	or171009.d	CLP-1 0.53(mm)
460-24280-6	PMP-21-SI-E (10.5-11)	03/31/2011 04:27	1	of171010.d	CLP-2 0.53(mm)
460-24280-6	PMP-21-SI-E (10.5-11)	03/31/2011 04:27	1	or171010.d	CLP-1 0.53(mm)
460-24280-7	PMP-1-VD-E (3.5-4.0)	03/31/2011 04:43	1	of171011.d	CLP-2 0.53(mm)
460-24280-7	PMP-1-VD-E (3.5-4.0)	03/31/2011 04:43	1	or171011.d	CLP-1 0.53(mm)
460-24280-8	PMP-1-WT-E (8-8.5)	03/31/2011 04:59	1	of171012.d	CLP-2 0.53(mm)
460-24280-8	PMP-1-WT-E (8-8.5)	03/31/2011 04:59	1	or171012.d	CLP-1 0.53(mm)
460-24280-9	PMP-1-SI-E (10.5-11.0)	03/31/2011 05:15	1	of171013.d	CLP-2 0.53(mm)
460-24280-9	PMP-1-SI-E (10.5-11.0)	03/31/2011 05:15	1	or171013.d	CLP-1 0.53(mm)
ZZZZZ		03/31/2011 05:31	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 05:31	1		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 05:47	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 05:47	1		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 06:04	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 06:04	1		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 06:21	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 06:21	1		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 06:37	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 06:37	1		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 06:53	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 06:53	1		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 07:10	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 07:10	1		CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 03/31/2011 01:12

Analysis Batch Number: 69079 End Date: 03/31/2011 07:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/31/2011 07:26	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 07:26	1		CLP-1 0.53(mm)
CCV 460-69079/24		03/31/2011 07:42	1	of171022.d	CLP-2 0.53(mm)
CCV 460-69079/24		03/31/2011 07:42	1	or171022.d	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 03/31/2011 07:58

Analysis Batch Number: 69083 End Date: 03/31/2011 09:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/31/2011 07:58	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 07:58	1		CLP-1 0.53(mm)
CCVRT 460-69083/2		03/31/2011 08:14	1	of171024.d	CLP-2 0.53(mm)
CCVRT 460-69083/2		03/31/2011 08:14	1	or171024.d	CLP-1 0.53(mm)
460-24280-17	PMP-5-VD-E (3.5-4)	03/31/2011 08:31	1	of171025.d	CLP-2 0.53(mm)
460-24280-17	PMP-5-VD-E (3.5-4)	03/31/2011 08:31	1	or171025.d	CLP-1 0.53(mm)
ZZZZZ		03/31/2011 08:48	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 08:48	1		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 09:04	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 09:04	1		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 09:21	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 09:21	1		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 09:37	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 09:37	1		CLP-1 0.53(mm)
CCV 460-69083/8		03/31/2011 09:53	1	of171030.d	CLP-2 0.53(mm)
CCV 460-69083/8		03/31/2011 09:53	1	or171030.d	CLP-1 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 03/31/2011 10:10

Analysis Batch Number: 69122 End Date: 03/31/2011 17:07

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		03/31/2011 10:10	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 10:10	1		CLP-1 0.53(mm)
CCVRT 460-69122/2		03/31/2011 10:26	1	of171032.d	CLP-2 0.53(mm)
CCVRT 460-69122/2		03/31/2011 10:26	1	or171032.d	CLP-1 0.53(mm)
ZZZZZ		03/31/2011 10:42	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 10:42	1		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 10:58	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 10:58	1		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 11:14	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 11:14	1		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 11:30	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 11:30	1		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 11:47	1		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 11:47	1		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 12:17	500		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 12:17	500		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 12:33	500		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 12:33	500		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 12:49	500		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 12:49	500		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 13:05	200		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 13:05	200		CLP-1 0.53(mm)
460-24280-14	PMP-2-VD-E (3.5-4.0)	03/31/2011 13:22	10	of171042.d	CLP-2 0.53(mm)
460-24280-14	PMP-2-VD-E (3.5-4.0)	03/31/2011 13:22	10	or171042.d	CLP-1 0.53(mm)
ZZZZZ		03/31/2011 13:38	200		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 13:38	200		CLP-1 0.53(mm)
460-24280-16	PMP-2-SI-E (10.5-11.0)	03/31/2011 13:55	50	of171044.d	CLP-2 0.53(mm)
460-24280-16	PMP-2-SI-E (10.5-11.0)	03/31/2011 13:55	50	or171044.d	CLP-1 0.53(mm)
ZZZZZ		03/31/2011 14:56	50		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 14:56	50		CLP-1 0.53(mm)
ZZZZZ		03/31/2011 15:12	50		CLP-2 0.53(mm)
ZZZZZ		03/31/2011 15:12	50		CLP-1 0.53(mm)
460-24280-15	PMP-2WT-E (8.0-8.5)	03/31/2011 15:28	500	of171047.d	CLP-2 0.53(mm)
460-24280-15	PMP-2WT-E (8.0-8.5)	03/31/2011 15:28	500	or171047.d	CLP-1 0.53(mm)
460-24280-13	PMP-24-SI-E (10.5-12.5)	03/31/2011 15:45	1000	of171048.d	CLP-2 0.53(mm)
460-24280-13	PMP-24-SI-E (10.5-12.5)	03/31/2011 15:45	1000	or171048.d	CLP-1 0.53(mm)
460-24280-10	PMP-24-VS-E (1-3)	03/31/2011 16:01	2500	of171049.d	CLP-2 0.53(mm)
460-24280-10	PMP-24-VS-E (1-3)	03/31/2011 16:01	2500	or171049.d	CLP-1 0.53(mm)
460-24280-11	PMP-24-VD-E (4.5-6.5)	03/31/2011 16:18	10000	of171050.d	CLP-2 0.53(mm)
460-24280-11	PMP-24-VD-E (4.5-6.5)	03/31/2011 16:18	10000	or171050.d	CLP-1 0.53(mm)
460-24280-12	PMP-24-WT-E (6.5-8.5)	03/31/2011 16:34	10000	of171051.d	CLP-2 0.53(mm)
460-24280-12	PMP-24-WT-E (6.5-8.5)	03/31/2011 16:34	10000	or171051.d	CLP-1 0.53(mm)
PIBLK 460-69122/22		03/31/2011 16:50	1		CLP-2 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 03/31/2011 10:10

Analysis Batch Number: 69122 End Date: 03/31/2011 17:07

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-69122/22		03/31/2011 16:50	1		CLP-1 0.53(mm)
CCV 460-69122/23		03/31/2011 17:07	1	of171053.d	CLP-2 0.53(mm)
CCV 460-69122/23		03/31/2011 17:07	1	or171053.d	CLP-1 0.53(mm)

8082

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: PESTGC7 Start Date: 03/31/2011 23:37

Analysis Batch Number: 69162 End Date: 04/01/2011 05:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-69162/1		03/31/2011 23:37	1		CLP-2 0.53(mm)
PIBLK 460-69162/1		03/31/2011 23:37	1		CLP-1 0.53(mm)
CCVRT 460-69162/2		03/31/2011 23:54	1	of171078.d	CLP-2 0.53(mm)
CCVRT 460-69162/2		03/31/2011 23:54	1	or171078.d	CLP-1 0.53(mm)
ZZZZZ		04/01/2011 00:52	100		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 00:52	100		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 01:09	200		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 01:09	200		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 01:25	100		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 01:25	100		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 01:42	10		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 01:42	10		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 01:59	2		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 01:59	2		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 02:15	100		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 02:15	100		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 02:31	200		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 02:31	200		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 02:48	10		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 02:48	10		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 03:04	200		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 03:04	200		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 03:21	2		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 03:21	2		CLP-1 0.53(mm)
460-24280-18	PMP-5-WT-E (8-8.5)	04/01/2011 03:37	250	of171089.d	CLP-2 0.53(mm)
460-24280-18	PMP-5-WT-E (8-8.5)	04/01/2011 03:37	250	or171089.d	CLP-1 0.53(mm)
460-24280-19	PMP-5SI-E (10.5-11)	04/01/2011 03:54	250	of171090.d	CLP-2 0.53(mm)
460-24280-19	PMP-5SI-E (10.5-11)	04/01/2011 03:54	250	or171090.d	CLP-1 0.53(mm)
ZZZZZ		04/01/2011 04:10	100		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 04:10	100		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 04:27	200		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 04:27	200		CLP-1 0.53(mm)
ZZZZZ		04/01/2011 04:44	1		CLP-2 0.53(mm)
ZZZZZ		04/01/2011 04:44	1		CLP-1 0.53(mm)
CCV 460-69162/18		04/01/2011 05:00	1	of171094.d	CLP-2 0.53(mm)
CCV 460-69162/18		04/01/2011 05:00	1	or171094.d	CLP-1 0.53(mm)

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Batch Number: 68887 Batch Start Date: 03/30/11 04:02 Batch Analyst: Alinea, Archilles R

Batch Method: 3541 Batch End Date: 03/30/11 12:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_PCBSP 00015	OPPSTPCBSU 00016	
MB 460-68887/1		3541, 8082		15.00 g	10 mL	67		50 uL	
LCS 460-68887/2		3541, 8082		15.00 g	10 mL	68	50 uL	50 uL	
460-24280-F-1 MS	PMP-25-VS-E (1-3)	3541, 8082	T	15.02 g	10 mL	69	50 uL	50 uL	
460-24280-F-1 MSD	PMP-25-VS-E (1-3)	3541, 8082	T	15.04 g	10 mL	70	50 uL	50 uL	
460-24280-F-1	PMP-25-VS-E (1-3)	3541, 8082	T	15.00 g	10 mL	71		50 uL	
460-24280-F-2	PMP-25-VD-E (3-5)	3541, 8082	T	15.03 g	10 mL	72		50 uL	
460-24280-F-3	PMP-25-WT-E (7.5-9.5)	3541, 8082	T	15.02 g	10 mL	1		50 uL	
460-24280-F-4	PMP-21-VD-E (3.5-4)	3541, 8082	T	15.02 g	10 mL	2		50 uL	
460-24280-F-5	PMP-21-WT-E (8-8.5)	3541, 8082	T	15.03 g	10 mL	3		50 uL	
460-24280-F-6	PMP-21-SI-E (10.5-11)	3541, 8082	T	15.05 g	10 mL	4		50 uL	
460-24280-F-7	PMP-1-VD-E (3.5-4.0)	3541, 8082	T	15.01 g	10 mL	5		50 uL	
460-24280-F-8	PMP-1-WT-E (8-8.5)	3541, 8082	T	15.00 g	10 mL	6		50 uL	
460-24280-F-9	PMP-1-SI-E (10.5-11.0)	3541, 8082	T	15.02 g	10 mL	91		50 uL	
460-24280-F-10	PMP-24-VS-E (1-3)	3541, 8082	T	15.03 g	10 mL	92		50 uL	
460-24280-F-11	PMP-24-VD-E (4.5-6.5)	3541, 8082	T	15.04 g	10 mL	93		50 uL	
460-24280-F-12	PMP-24-WT-E (6.5-8.5)	3541, 8082	T	15.02 g	10 mL	94		50 uL	
460-24280-F-13	PMP-24-SI-E (10.5-12.5)	3541, 8082	T	15.00 g	10 mL	95		50 uL	
460-24280-F-14	PMP-2-VD-E (3.5-4.0)	3541, 8082	T	15.01 g	10 mL	96		50 uL	
460-24280-F-15	PMP-2WT-E (8.0-8.5)	3541, 8082	T	15.03 g	10 mL	121		50 uL	
460-24280-F-16	PMP-2-SI-E (10.5-11.0)	3541, 8082	T	15.02 g	10 mL	122		50 uL	
460-24280-F-17	PMP-5-VD-E (3.5-4)	3541, 8082	T	15.03 g	10 mL	123		50 uL	
460-24280-F-18	PMP-5-WT-E (8-8.5)	3541, 8082	T	15.05 g	10 mL	124		50 uL	
460-24280-F-19	PMP-5SI-E (10.5-11)	3541, 8082	T	15.00 g	10 mL	125		50 uL	

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Batch Number: 68887 Batch Start Date: 03/30/11 04:02 Batch Analyst: Alinea, Archilles R

Batch Method: 3541 Batch End Date: 03/30/11 12:00

Batch Notes	
Balance ID	30
Batch Comment	pcb-soil
Blank Soil Lot Number	j41625
Boiling Chips ID	10013
Person's name who did the concentration	archie
First End time	12pm
Vendor lot number	k05e15
Na2SO4 Lot Number	j41625
Person's name who did the prep	archie
Person's name who witnessed reagent drop	jose s
Solvent	hex./ace. mixed
SOP Number	3541
First Start time	4:02am
TBA Lot #	op088

Basis	Basis Description
T	Total/NA

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.: 460-24280-1

SDG No.:

Matrix: Solid Level: Low

GC Column (2): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	CB #	OTPH #
PMP-25-VS-E (1-3)	460-24280-1	66	75
PMP-25-VD-E (3-5)	460-24280-2	65	72
PMP-25-WT-E (7.5-9.5)	460-24280-3	64	69
PMP-21-VD-E (3.5-4)	460-24280-4	62	71
PMP-21-WT-E (8-8.5)	460-24280-5	62	69
PMP-21-SI-E (10.5-11)	460-24280-6	65	79
PMP-1-VD-E (3.5-4.0)	460-24280-7	66	79
PMP-1-WT-E (8-8.5)	460-24280-8	63	76
PMP-1-SI-E (10.5-11.0)	460-24280-9	66	70
PMP-24-VS-E (1-3)	460-24280-10	60	1438 X
PMP-24-VD-E (4.5-6.5)	460-24280-11	0 X D	0 X D
PMP-24-WT-E (6.5-8.5)	460-24280-12	65	18 X
PMP-24-SI-E (10.5-12.5)	460-24280-13	59	19 X
PMP-2-VD-E (3.5-4.0)	460-24280-14	56	95
PMP-2WT-E (8.0-8.5)	460-24280-15	0 X D	0 X D
PMP-2-SI-E (10.5-11.0)	460-24280-16	57	42 X
PMP-5-VD-E (3.5-4)	460-24280-17	69	81
PMP-5-WT-E (8-8.5)	460-24280-18	64	63
PMP-5SI-E (10.5-11)	460-24280-19	59	61
	MB 460-68954/1-A	67	71
	MB 460-68966/1-A	65	71
	LCS 460-68954/2-A	55	84
	LCS 460-68966/2-A	55	75
PMP-5-VD-E (3.5-4) MS	460-24280-17 MS	78	99
PMP-5-WT-E (8-8.5) MS	460-24280-18 MS	70	112
PMP-5-VD-E (3.5-4) MSD	460-24280-17 MSD	77	101
PMP-5-WT-E (8-8.5) MSD	460-24280-18 MSD	70	113 X

	QC LIMITS
CB = Chlorobenzene	32-106
OTPH = o-Terphenyl	48-112

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.: 460-24280-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcr60534.d

Lab ID: LCS 460-68954/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	133	92.4	69	58-112	

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.: 460-24280-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcr60078.d

Lab ID: LCS 460-68966/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	133	76.2	57	58-112	*

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcr60433.d

Lab ID: 460-24280-17 MS Client ID: PMP-5-VD-E (3.5-4) MS

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	MS CONCENTRATION (mg/Kg)	MS % REC	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	142	9.7	95.8	61	58-112	

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.: 460-24280-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcr60342.d

Lab ID: 460-24280-18 MS Client ID: PMP-5-WT-E (8-8.5) 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	660	512	-104	58-112	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.: 460-24280-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcr60434.d

Lab ID: 460-24280-17 MSD Client ID: PMP-5-VD-E (3.5-4) MSD

COMPOUND	SPIKE ADDED (mg/Kg)	MSD CONCENTRATION (mg/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Total Petroleum Hydrocarbons (C8-C40)	142	100	64	5	40	58-112	

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.: 460-24280-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: gcr60343.d

Lab ID: 460-24280-18 MSD Client ID: PMP-5-WT-E (8-8.5) 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	608	-38	17	40	58-112	4

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.: 460-24280-1

SDG No.:

Lab File ID: gcr60077.d Lab Sample ID: MB 460-68966/1-A

Matrix: Solid Date Extracted: 03/30/2011 10:00

Instrument ID: BNAGC1 Date Analyzed: 04/02/2011 14:47

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-68966/2-A	gcr60078.d	04/02/2011 14:59
PMP-5-WT-E (8-8.5)	460-24280-18	gcr60340.d	04/05/2011 12:49
PMP-5-WT-E (8-8.5) MS	460-24280-18 MS	gcr60342.d	04/05/2011 13:29
PMP-5-WT-E (8-8.5) MSD	460-24280-18 MSD	gcr60343.d	04/05/2011 13:44
PMP-5SI-E (10.5-11)	460-24280-19	gcr60412.d	04/06/2011 07:20

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab File ID: gcr60087.d Lab Sample ID: MB 460-68954/1-A

Matrix: Solid Date Extracted: 03/30/2011 10:00

Instrument ID: BNAGC1 Date Analyzed: 04/02/2011 17:10

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PMP-25-VS-E (1-3)	460-24280-1	gcr60092.d	04/02/2011 18:16
PMP-25-VD-E (3-5)	460-24280-2	gcr60093.d	04/02/2011 18:31
PMP-25-WT-E (7.5-9.5)	460-24280-3	gcr60094.d	04/02/2011 18:57
PMP-21-VD-E (3.5-4)	460-24280-4	gcr60095.d	04/02/2011 19:05
PMP-21-WT-E (8-8.5)	460-24280-5	gcr60096.d	04/02/2011 19:15
PMP-1-SI-E (10.5-11.0)	460-24280-9	gcr60102.d	04/02/2011 20:51
PMP-24-VS-E (1-3)	460-24280-10	gcr60347.d	04/05/2011 14:39
PMP-24-VD-E (4.5-6.5)	460-24280-11	gcr60348.d	04/05/2011 14:54
PMP-24-WT-E (6.5-8.5)	460-24280-12	gcr60351.d	04/05/2011 15:36
PMP-24-SI-E (10.5-12.5)	460-24280-13	gcr60352.d	04/05/2011 15:45
PMP-2-VD-E (3.5-4.0)	460-24280-14	gcr60353.d	04/05/2011 16:02
PMP-2WT-E (8.0-8.5)	460-24280-15	gcr60354.d	04/05/2011 16:16
PMP-2-SI-E (10.5-11.0)	460-24280-16	gcr60355.d	04/05/2011 16:41
PMP-5-VD-E (3.5-4)	460-24280-17	gcr60432.d	04/06/2011 12:12
PMP-5-VD-E (3.5-4) MS	460-24280-17 MS	gcr60433.d	04/06/2011 12:27
PMP-5-VD-E (3.5-4) MSD	460-24280-17 MSD	gcr60434.d	04/06/2011 12:39
	LCS 460-68954/2-A	gcr60534.d	04/07/2011 12:48
PMP-21-SI-E (10.5-11)	460-24280-6	gcr60535.d	04/07/2011 13:03
PMP-1-VD-E (3.5-4.0)	460-24280-7	gcr60536.d	04/07/2011 13:17
PMP-1-WT-E (8-8.5)	460-24280-8	gcr60541.d	04/07/2011 14:22

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-VS-E (1-3) Lab Sample ID: 460-24280-1

Matrix: Solid Lab File ID: gcr60092.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 09:04

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.04(g) Date Analyzed: 04/02/2011 18:16

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 6.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69393 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	75		48-112
108-90-7	Chlorobenzene	66		32-106

Data File: gcr60092.d
Report Date: 04-Apr-2011 09:57

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/gcr60092.d
Lab Smp Id: 460-24280-F-1-D Client Smp ID: PMP-25-VS-E (1-3)
Inj Date : 02-APR-2011 18:16
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24280-F-1-D
Misc Info : 460-24280-F-1-D
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/QAM2009r.m
Meth Date : 04-Apr-2011 09:57 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 90
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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	6.89076	% 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)	3.496	3.496	0.000	909830	14.9814	1.1(M)
$ 2 Chlorobenzene (sur)	0.731	0.731	0.000	472120	13.1985	0.94(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

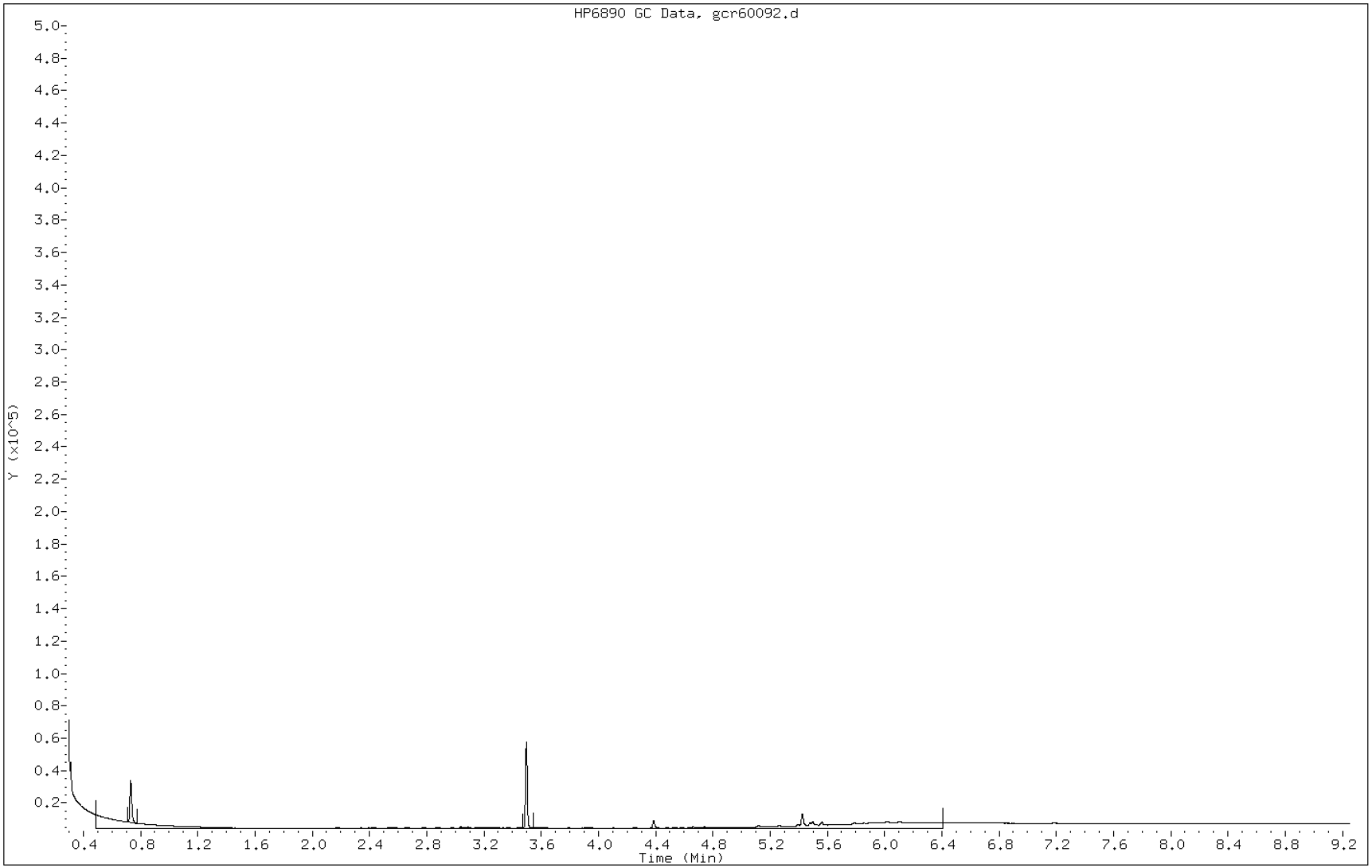
M - Compound response manually integrated.

Data File: gcr60092.d

Date: 02-APR-2011 18:16

Client ID: PMP-25-VS-E (1-3) Instrument: BNAGC1.i

Sample Info: 460-24280-F-1-D Operator: BNAGC1



Manual Integration Report

Data File: gcr60092.d
Inj. Date and Time: 02-APR-2011 18:16
Instrument ID: BNAGC1.i
Client ID: PMP-25-VS-E (1-3)
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 3.50

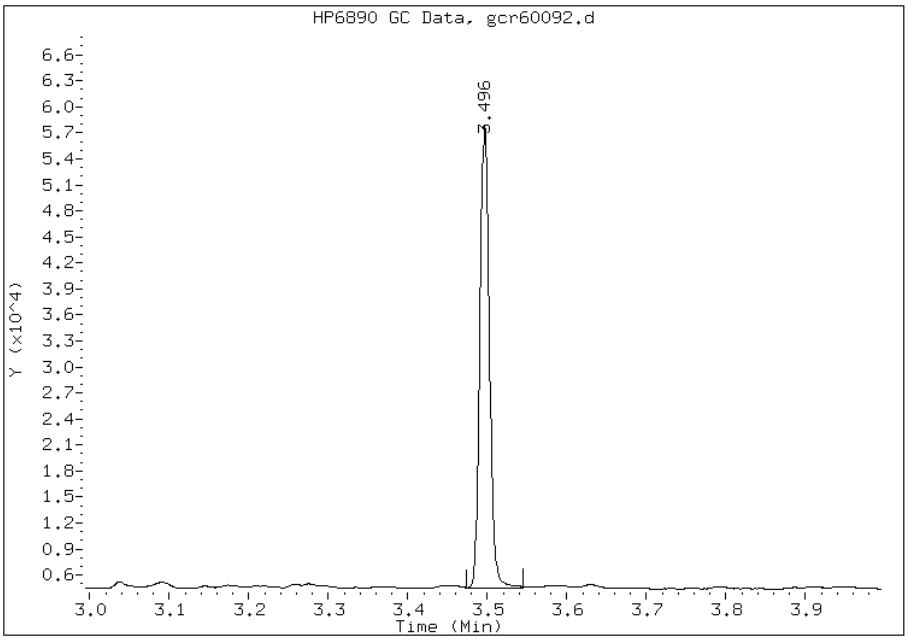
Manual Integration Results

RT: 3.50

Response: 909830

Amount: 14.98

Conc: 1.07



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60092.d
Inj. Date and Time: 02-APR-2011 18:16
Instrument ID: BNAGC1.i
Client ID: PMP-25-VS-E (1-3)
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

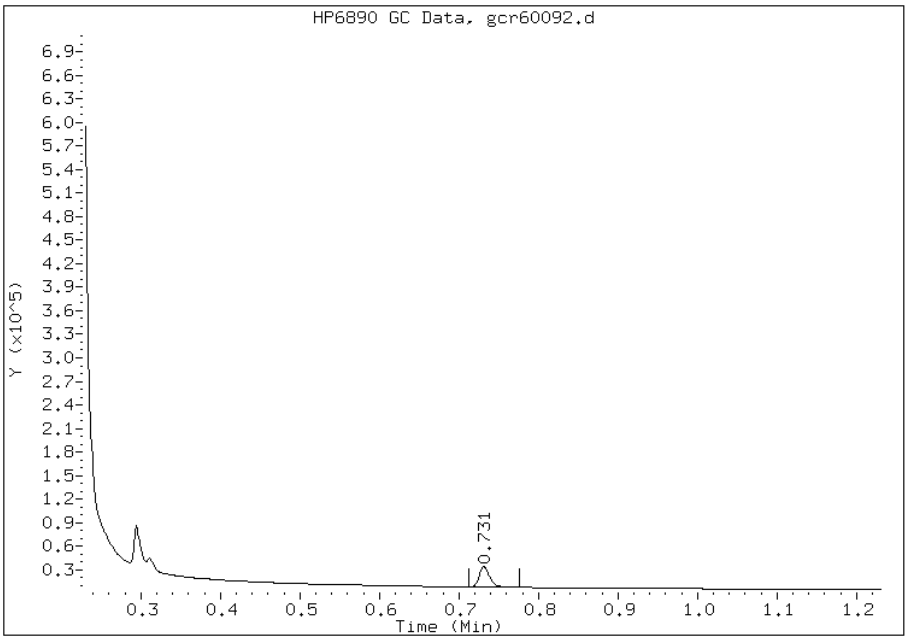
Manual Integration Results

RT: 0.73

Response: 472120

Amount: 13.20

Conc: 0.94



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-VD-E (3-5) Lab Sample ID: 460-24280-2

Matrix: Solid Lab File ID: gcr60093.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 09:09

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.00(g) Date Analyzed: 04/02/2011 18:31

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69393 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	72		48-112
108-90-7	Chlorobenzene	65		32-106

Data File: gcr60093.d
Report Date: 04-Apr-2011 11:06

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/gcr60093.d
Lab Smp Id: 460-24280-F-2-B Client Smp ID: PMP-25-VD-E (3-5)
Inj Date : 02-APR-2011 18:31
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24280-F-2-B
Misc Info : 460-24280-F-2-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/QAM2009r.m
Meth Date : 04-Apr-2011 09:57 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 91
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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	4.78723	% 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)	3.497	3.496	0.001	879404	14.4804	1.0(M)
$ 2 Chlorobenzene (sur)	0.732	0.731	0.001	467099	13.0581	0.91(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

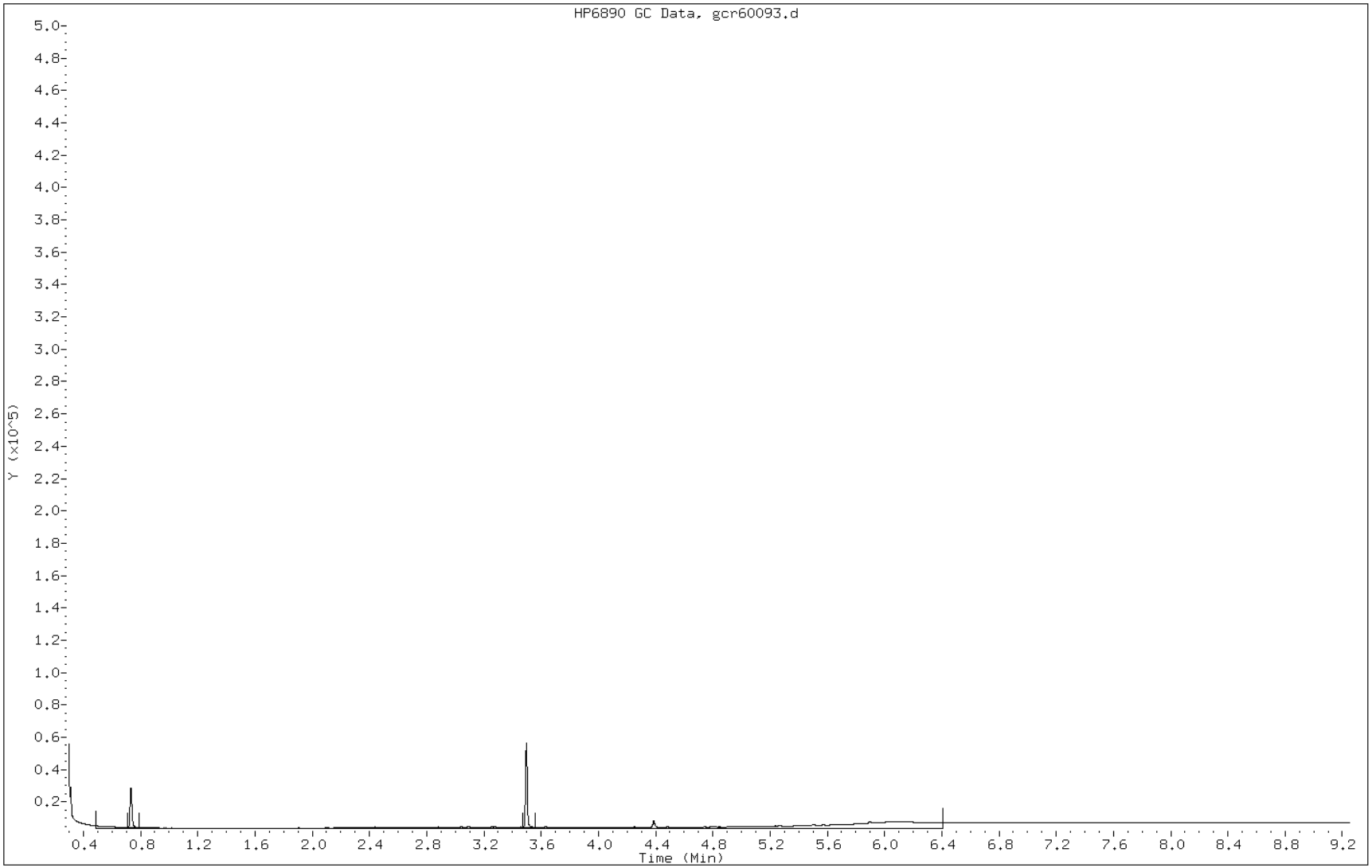
M - Compound response manually integrated.

Data File: gcr60093.d

Date: 02-APR-2011 18:31

Client ID: PMP-25-VD-E (3-5) Instrument: BNAGC1.i

Sample Info: 460-24280-F-2-B Operator: BNAGC1



Manual Integration Report

Data File: gcr60093.d
Inj. Date and Time: 02-APR-2011 18:31
Instrument ID: BNAGC1.i
Client ID: PMP-25-VD-E (3-5)
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 3.50

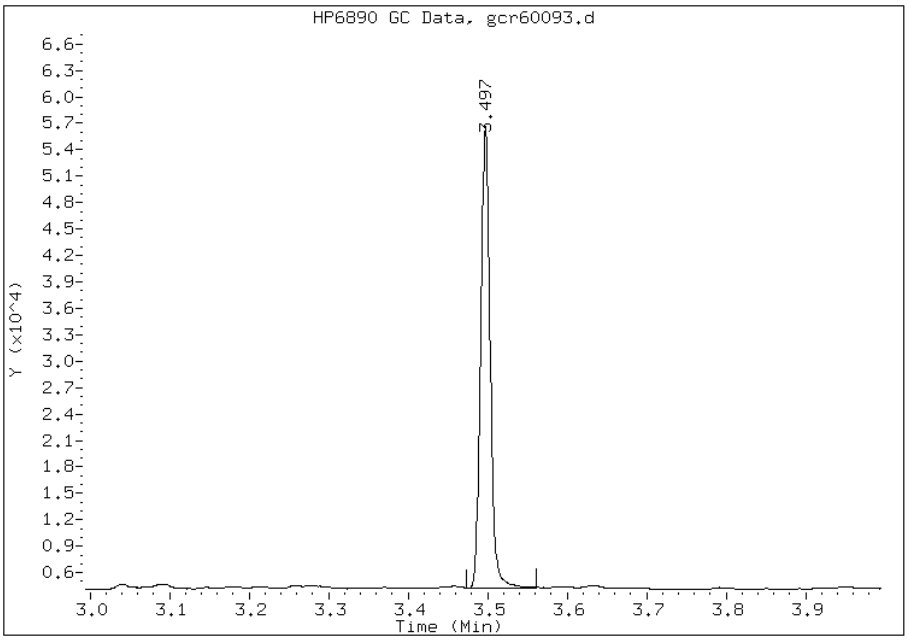
Manual Integration Results

RT: 3.50

Response: 879404

Amount: 14.48

Conc: 1.01



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60093.d
Inj. Date and Time: 02-APR-2011 18:31
Instrument ID: BNAGC1.i
Client ID: PMP-25-VD-E (3-5)
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

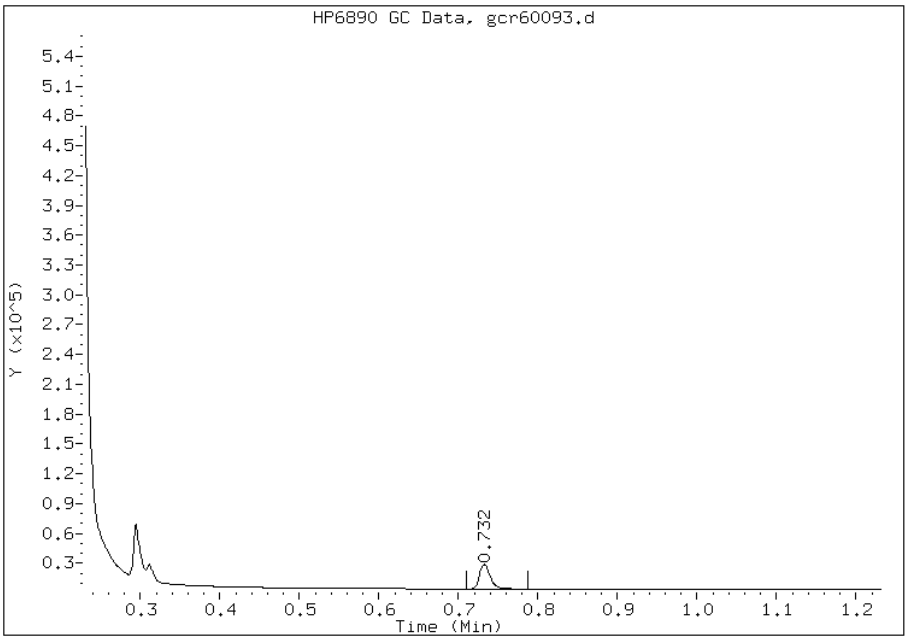
Manual Integration Results

RT: 0.73

Response: 467099

Amount: 13.06

Conc: 0.91



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-25-WT-E (7.5-9.5) Lab Sample ID: 460-24280-3

Matrix: Solid Lab File ID: gcr60094.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 09:15

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.00(g) Date Analyzed: 04/02/2011 18:57

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 15.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69393 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.5	U	6.5	6.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	69		48-112
108-90-7	Chlorobenzene	64		32-106

Data File: gcr60094.d
Report Date: 04-Apr-2011 11:06

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/gcr60094.d
Lab Smp Id: 460-24280-F-3-B Client Smp ID: PMP-25-WT-E (7.5-9.
Inj Date : 02-APR-2011 18:57
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24280-F-3-B
Misc Info : 460-24280-F-3-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/QAM2009r.m
Meth Date : 04-Apr-2011 09:57 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 92
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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	15.39510	% 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)	3.497	3.496	0.001	834717	13.7445	1.1(M)
$ 2 Chlorobenzene (sur)	0.733	0.731	0.002	457130	12.7794	1.0(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

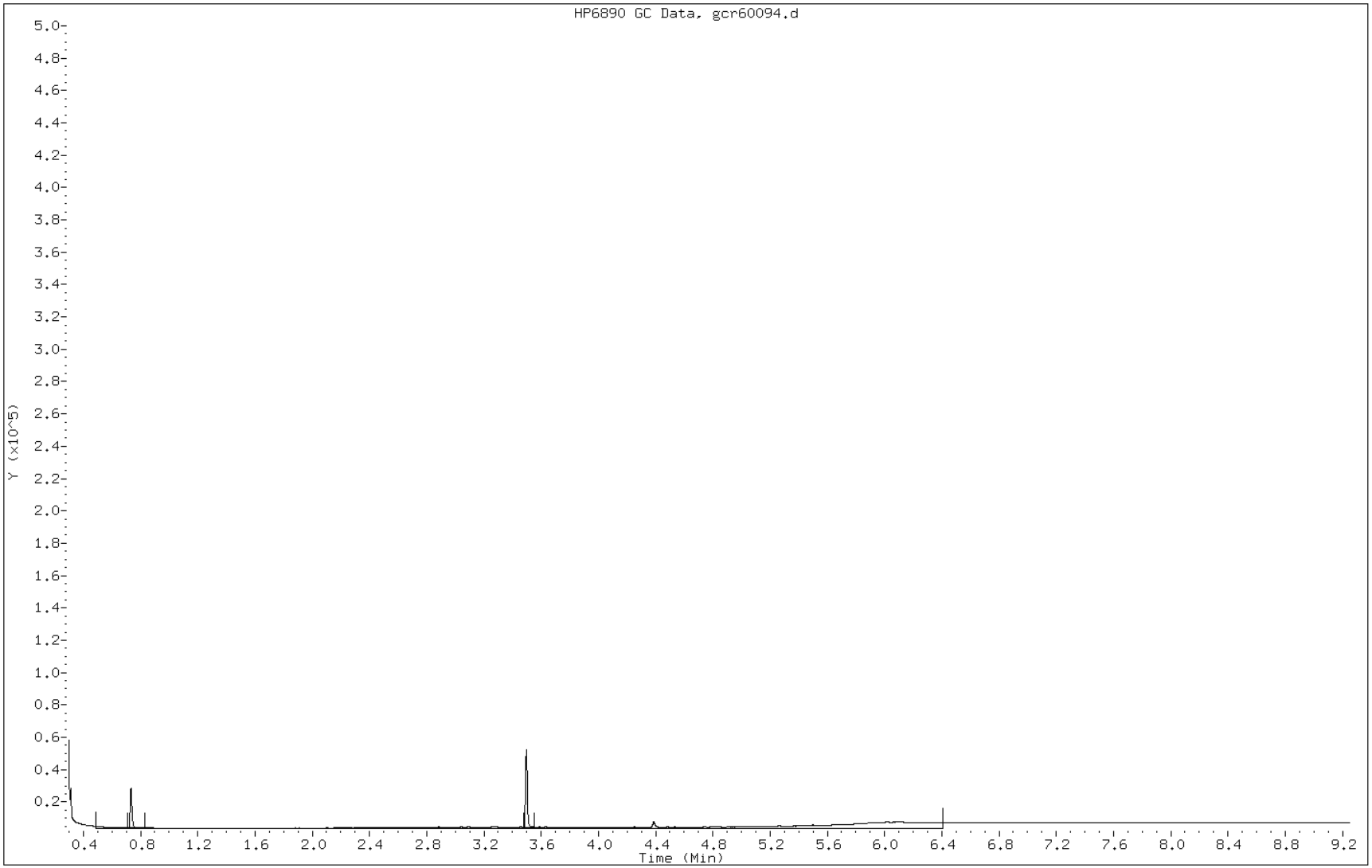
M - Compound response manually integrated.

Data File: gcr60094.d

Date: 02-APR-2011 18:57

Client ID: PMP-25-WT-E (7.5-9. Instrument: BNAGC1.i

Sample Info: 460-24280-F-3-B Operator: BNAGC1



Manual Integration Report

Data File: gcr60094.d
Inj. Date and Time: 02-APR-2011 18:57
Instrument ID: BNAGC1.i
Client ID: PMP-25-WT-E (7.5-9.
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 3.50

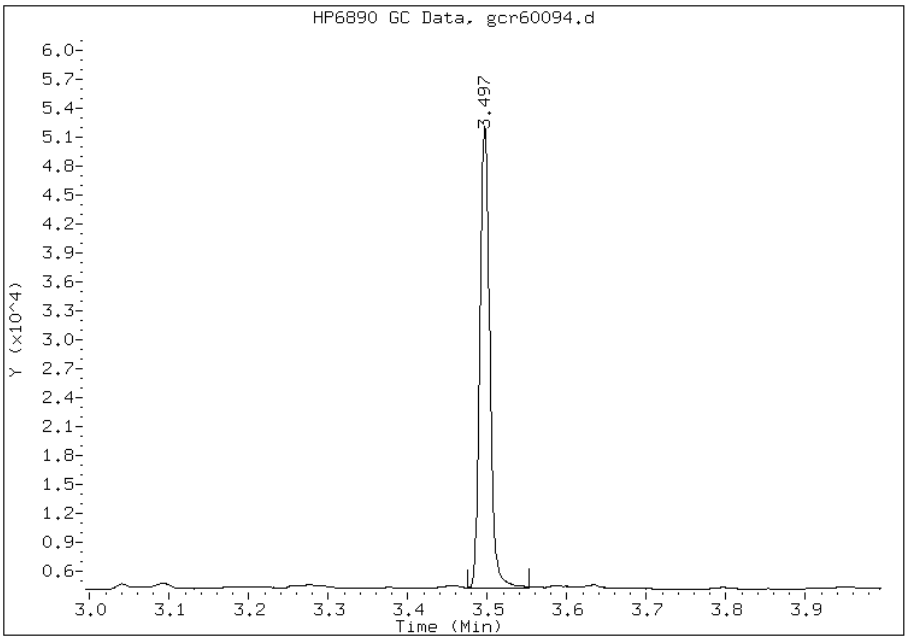
Manual Integration Results

RT: 3.50

Response: 834717

Amount: 13.74

Conc: 1.08



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60094.d
Inj. Date and Time: 02-APR-2011 18:57
Instrument ID: BNAGC1.i
Client ID: PMP-25-WT-E (7.5-9.
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

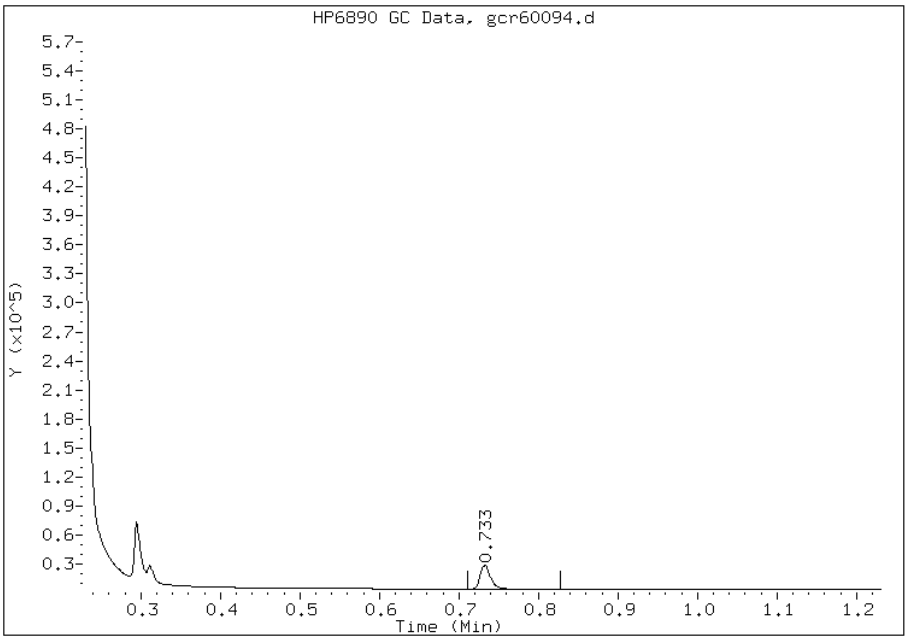
Manual Integration Results

RT: 0.73

Response: 457130

Amount: 12.78

Conc: 1.01



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-VD-E (3.5-4) Lab Sample ID: 460-24280-4

Matrix: Solid Lab File ID: gcr60095.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 09:20

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.02(g) Date Analyzed: 04/02/2011 19:05

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.9 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69393 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	71		48-112
108-90-7	Chlorobenzene	62		32-106

Data File: gcr60095.d
Report Date: 04-Apr-2011 11:07

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/gcr60095.d
Lab Smp Id: 460-24280-F-4-B Client Smp ID: PMP-21-VD-E (3.5-4)
Inj Date : 02-APR-2011 19:05
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24280-F-4-B
Misc Info : 460-24280-F-4-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/QAM2009r.m
Meth Date : 04-Apr-2011 09:57 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 93
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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	5.91716	% 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)	3.496	3.496	0.000	868419	14.2995	1.0(M)
$ 2 Chlorobenzene (sur)	0.732	0.731	0.001	444813	12.4351	0.88(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

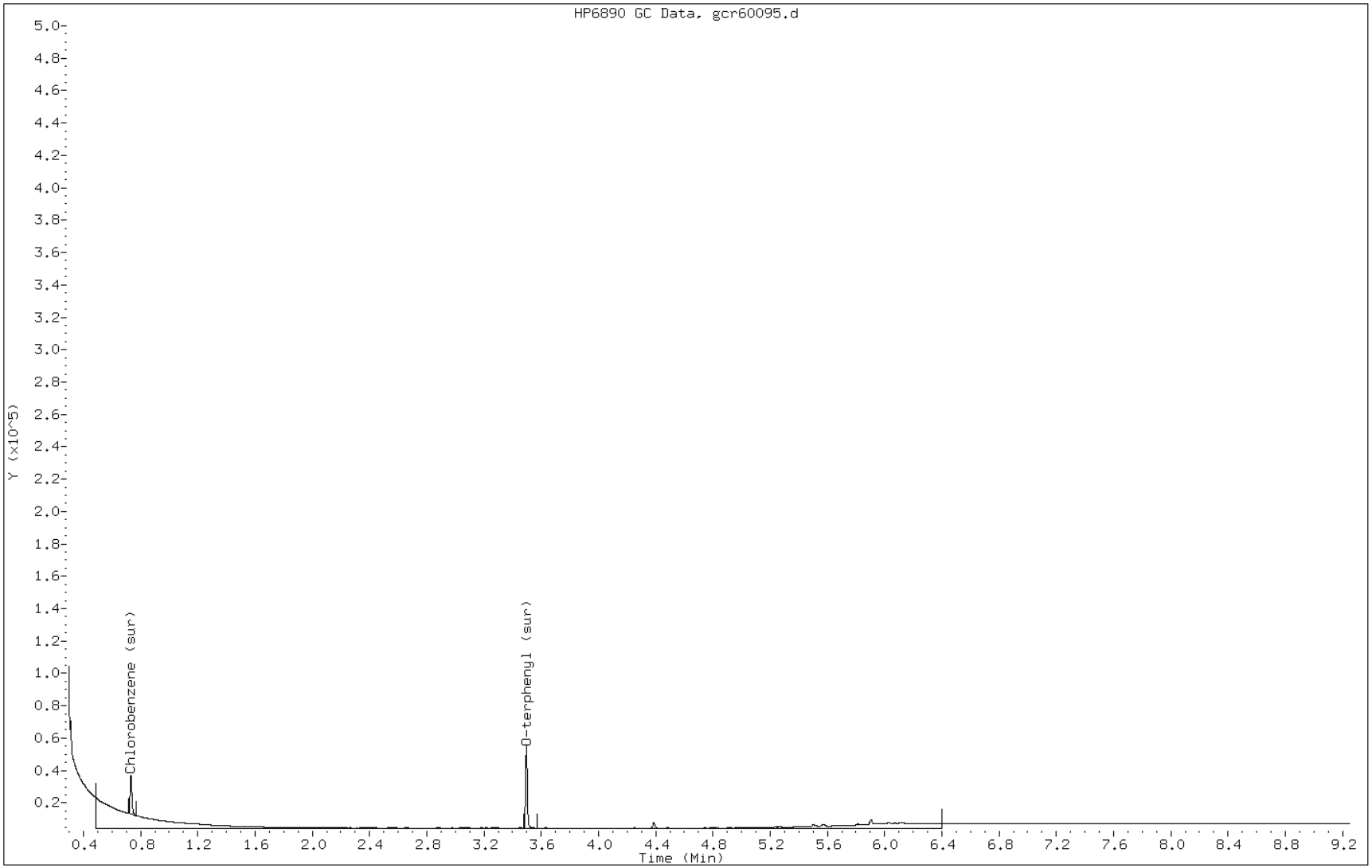
M - Compound response manually integrated.

Data File: gcr60095.d

Date: 02-APR-2011 19:05

Client ID: PMP-21-VD-E (3.5-4) Instrument: BNAGC1.i

Sample Info: 460-24280-F-4-B Operator: BNAGC1



Manual Integration Report

Data File: gcr60095.d
Inj. Date and Time: 02-APR-2011 19:05
Instrument ID: BNAGC1.i
Client ID: PMP-21-VD-E (3.5-4)
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 3.50

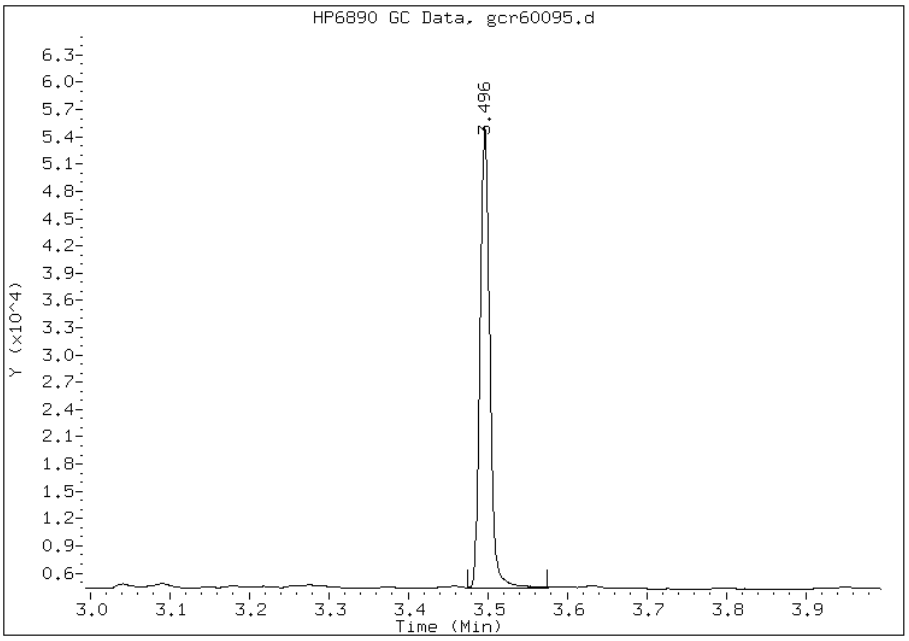
Manual Integration Results

RT: 3.50

Response: 868419

Amount: 14.30

Conc: 1.01



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60095.d
Inj. Date and Time: 02-APR-2011 19:05
Instrument ID: BNAGC1.i
Client ID: PMP-21-VD-E (3.5-4)
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

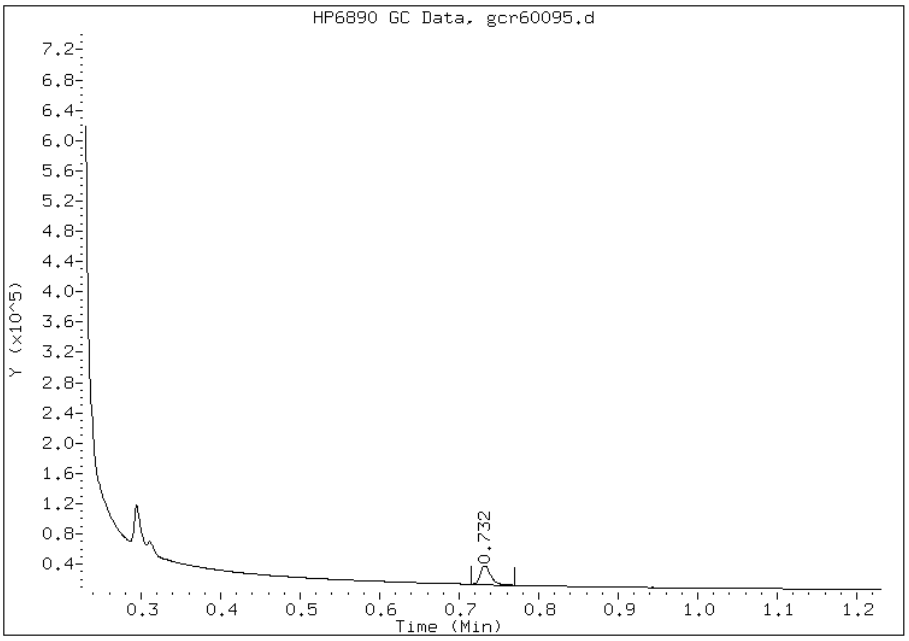
Manual Integration Results

RT: 0.73

Response: 444813

Amount: 12.44

Conc: 0.88



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-WT-E (8-8.5) Lab Sample ID: 460-24280-5

Matrix: Solid Lab File ID: gcr60096.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 09:25

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.03(g) Date Analyzed: 04/02/2011 19:15

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 15.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69393 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.5	U	6.5	6.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	69		48-112
108-90-7	Chlorobenzene	62		32-106

Data File: gcr60096.d
Report Date: 04-Apr-2011 11:07

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/gcr60096.d
Lab Smp Id: 460-24280-F-5-B Client Smp ID: PMP-21-WT-E (8-8.5)
Inj Date : 02-APR-2011 19:15
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24280-F-5-B
Misc Info : 460-24280-F-5-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/QAM2009r.m
Meth Date : 04-Apr-2011 09:57 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 94
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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	15.58245	% 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)	3.495	3.496	-0.001	838789	13.8116	1.1(M)
$ 2 Chlorobenzene (sur)	0.732	0.731	0.001	445713	12.4602	0.98(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

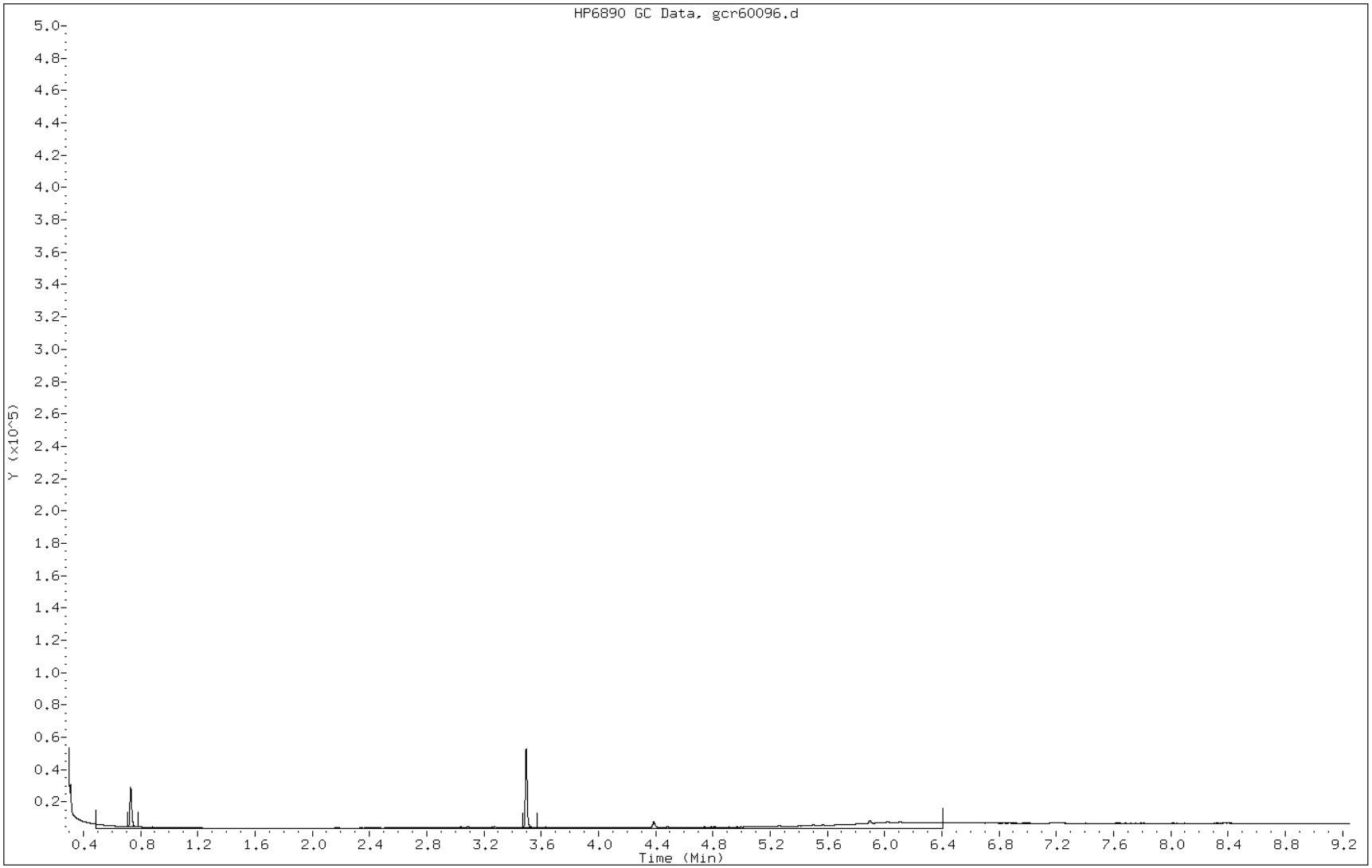
M - Compound response manually integrated.

Data File: gcr60096.d

Date: 02-APR-2011 19:15

Client ID: PMP-21-WT-E (8-8.5) Instrument: BNAGC1.i

Sample Info: 460-24280-F-5-B Operator: BNAGC1



Manual Integration Report

Data File: gcr60096.d
Inj. Date and Time: 02-APR-2011 19:15
Instrument ID: BNAGC1.i
Client ID: PMP-21-WT-E (8-8.5)
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 3.50

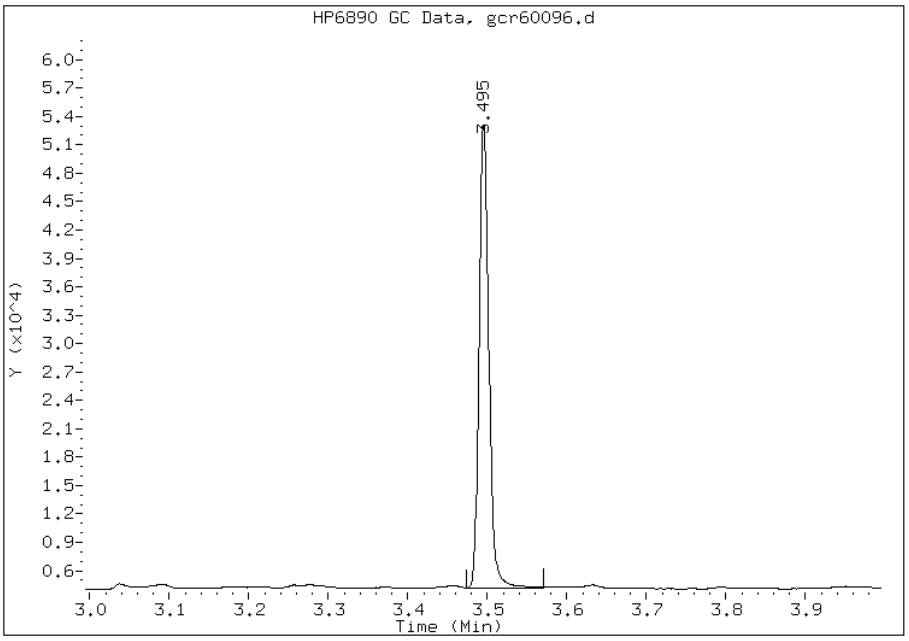
Manual Integration Results

RT: 3.49

Response: 838789

Amount: 13.81

Conc: 1.09



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60096.d
Inj. Date and Time: 02-APR-2011 19:15
Instrument ID: BNAGC1.i
Client ID: PMP-21-WT-E (8-8.5)
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

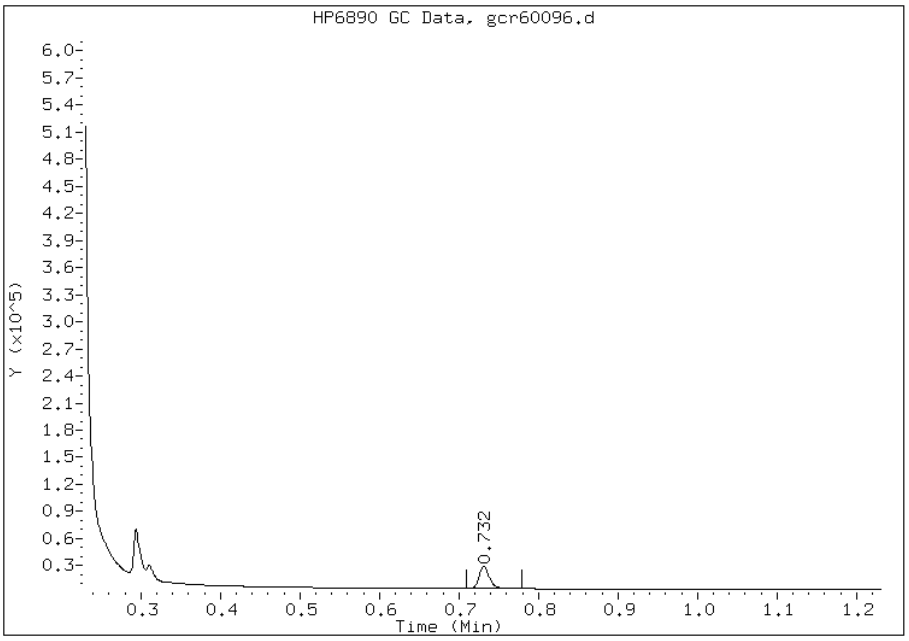
Manual Integration Results

RT: 0.73

Response: 445713

Amount: 12.46

Conc: 0.98



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-21-SI-E (10.5-11) Lab Sample ID: 460-24280-6

Matrix: Solid Lab File ID: gcr60535.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 09:30

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.00(g) Date Analyzed: 04/07/2011 13:03

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 14.2 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69832 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.4	U	6.4	6.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	79		48-112
108-90-7	Chlorobenzene	65		32-106

Data File: gcr60535.d
Report Date: 07-Apr-2011 13:54

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-07-11/07apr11a.b/gcr60535.d
Lab Smp Id: 460-24280-F-6-B
Inj Date : 07-APR-2011 13:03
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24280-F-6-B
Misc Info :
Comment :
Method : /chem/BNAGC1.i/QAM2010/rear/04-07-11/07apr11a.b/QAM2009r.m
Meth Date : 07-Apr-2011 13:53 patelhe Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 27
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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	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)	3.480	3.480	0.000	957910	15.7731	1.0(M)
$ 2 Chlorobenzene (sur)	0.719	0.721	-0.002	462130	12.9192	0.86(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

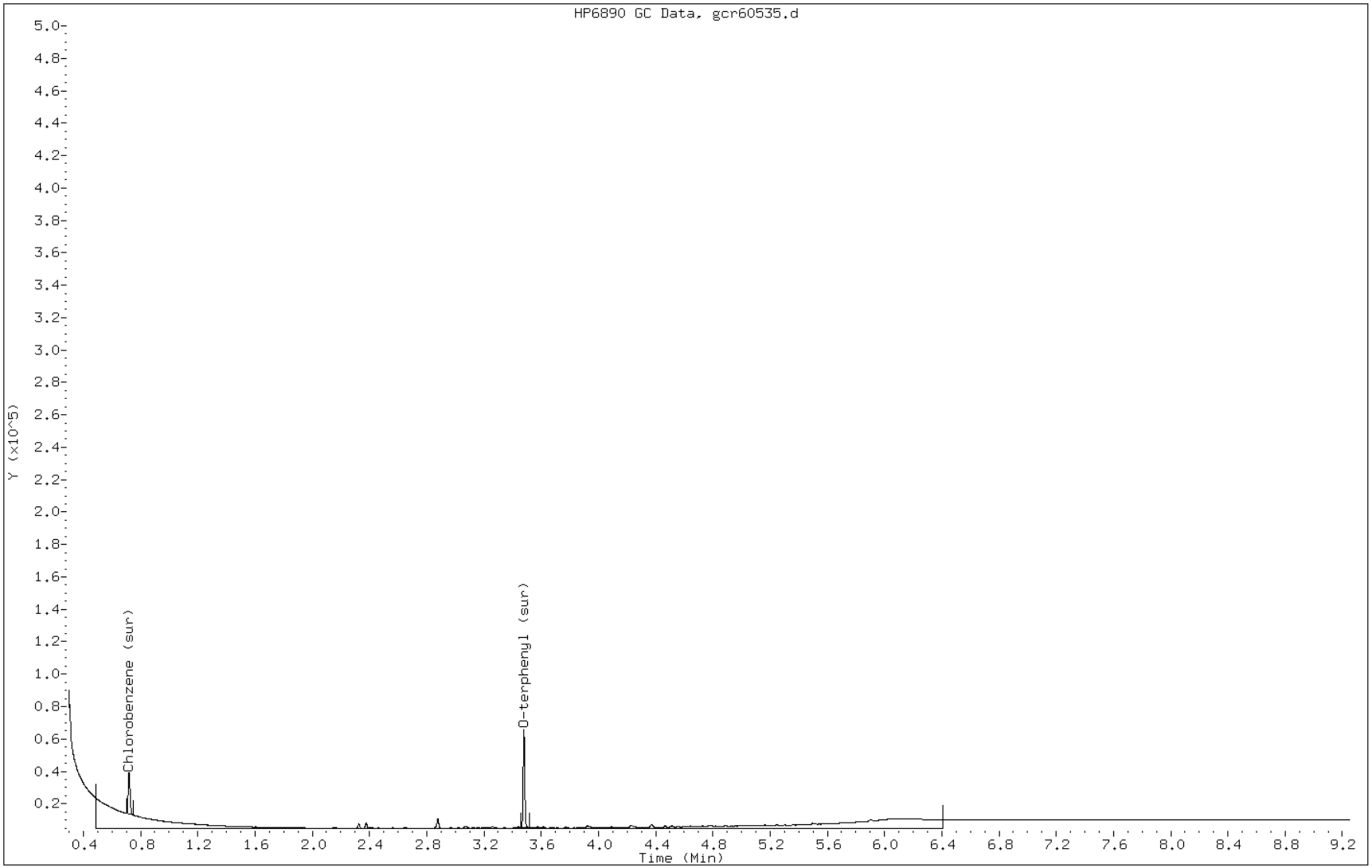
M - Compound response manually integrated.

Data File: gcr60535.d

Date: 07-APR-2011 13:03

Client ID: Instrument: BNAGC1.i

Sample Info: 460-24280-F-6-B Operator: BNAGC1



Manual Integration Report

Data File: gcr60535.d
Inj. Date and Time: 07-APR-2011 13:03
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/07/2011

Processing Integration Results

Not Detected

Expected RT: 3.48

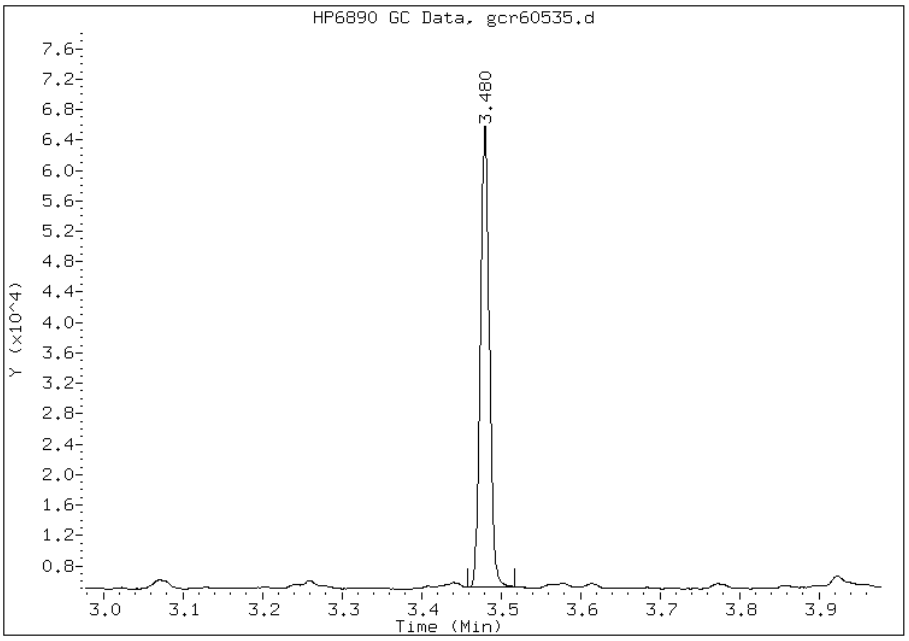
Manual Integration Results

RT: 3.48

Response: 957910

Amount: 15.77

Conc: 1.05



Manually Integrated By: patelhe
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcr60535.d
Inj. Date and Time: 07-APR-2011 13:03
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/07/2011

Processing Integration Results

Not Detected

Expected RT: 0.72

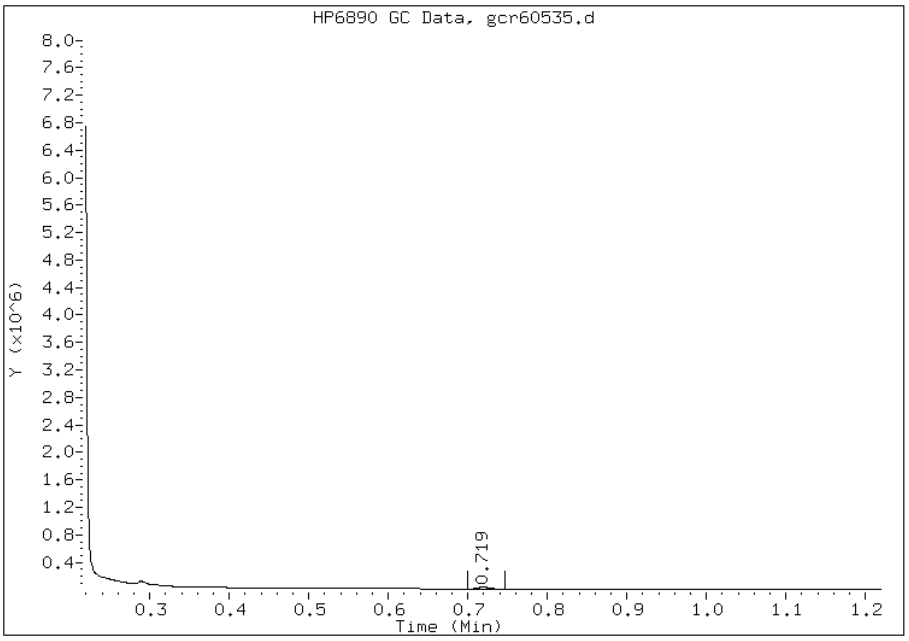
Manual Integration Results

RT: 0.72

Response: 462130

Amount: 12.92

Conc: 0.86



Manually Integrated By: patelhe
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-1-VD-E (3.5-4.0) Lab Sample ID: 460-24280-7

Matrix: Solid Lab File ID: gcr60536.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 09:40

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.01(g) Date Analyzed: 04/07/2011 13:17

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69832 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	79		48-112
108-90-7	Chlorobenzene	66		32-106

Data File: gcr60536.d
Report Date: 07-Apr-2011 13:54

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-07-11/07apr11a.b/gcr60536.d
Lab Smp Id: 460-24280-F-7-B
Inj Date : 07-APR-2011 13:17
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24280-F-7-B
Misc Info :
Comment :
Method : /chem/BNAGC1.i/QAM2010/rear/04-07-11/07apr11a.b/QAM2009r.m
Meth Date : 07-Apr-2011 13:53 patelhe Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 28
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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	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)	3.481	3.480	0.001	965540	15.8987	1.0(M)
$ 2 Chlorobenzene (sur)	0.721	0.721	0.000	472096	13.1978	0.88(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

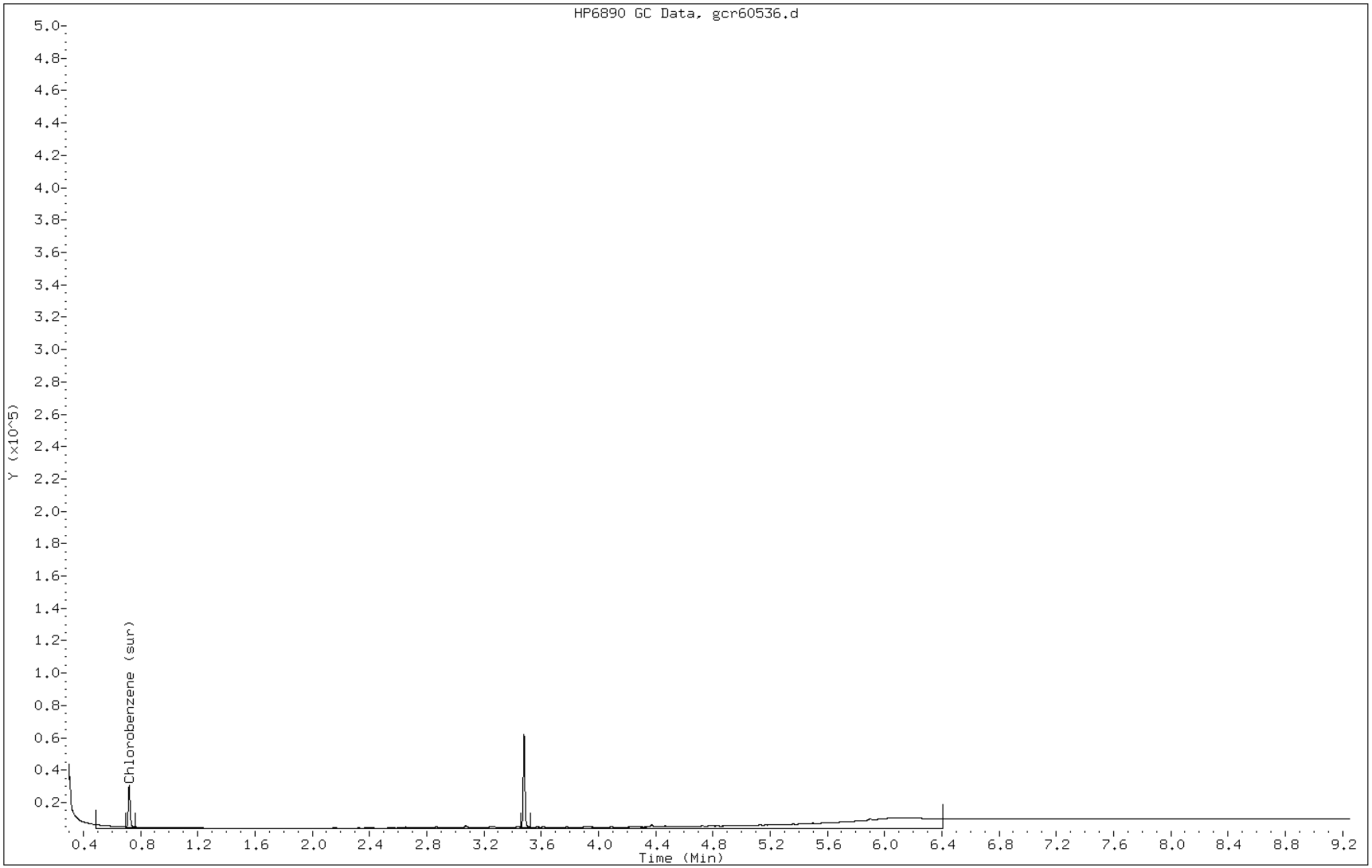
M - Compound response manually integrated.

Data File: gcr60536.d

Date: 07-APR-2011 13:17

Client ID: Instrument: BNAGC1.i

Sample Info: 460-24280-F-7-B Operator: BNAGC1



Manual Integration Report

Data File: gcr60536.d
Inj. Date and Time: 07-APR-2011 13:17
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/07/2011

Processing Integration Results

Not Detected

Expected RT: 3.48

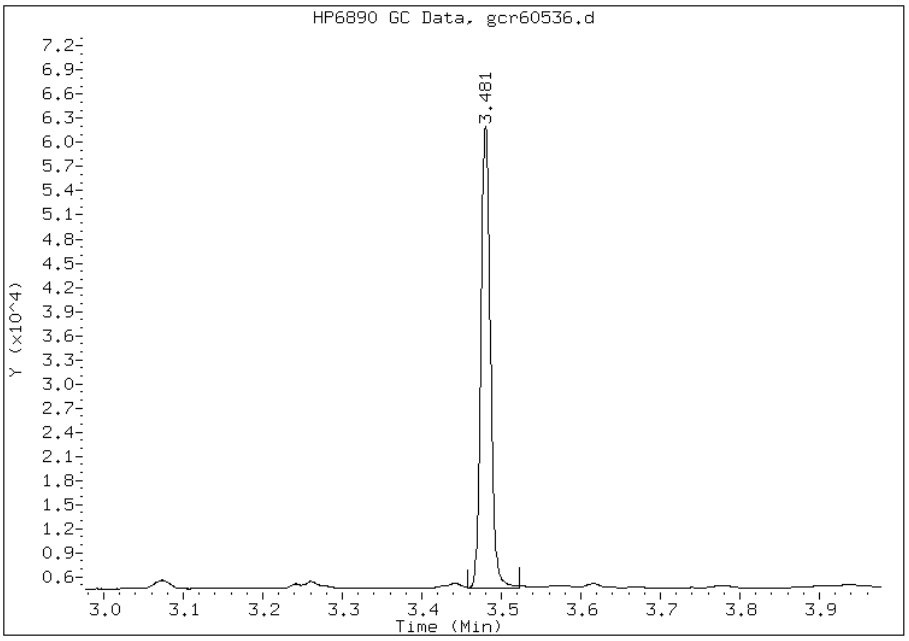
Manual Integration Results

RT: 3.48

Response: 965540

Amount: 15.90

Conc: 1.06



Manually Integrated By: patelhe
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60536.d
Inj. Date and Time: 07-APR-2011 13:17
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/07/2011

Processing Integration Results

Not Detected

Expected RT: 0.72

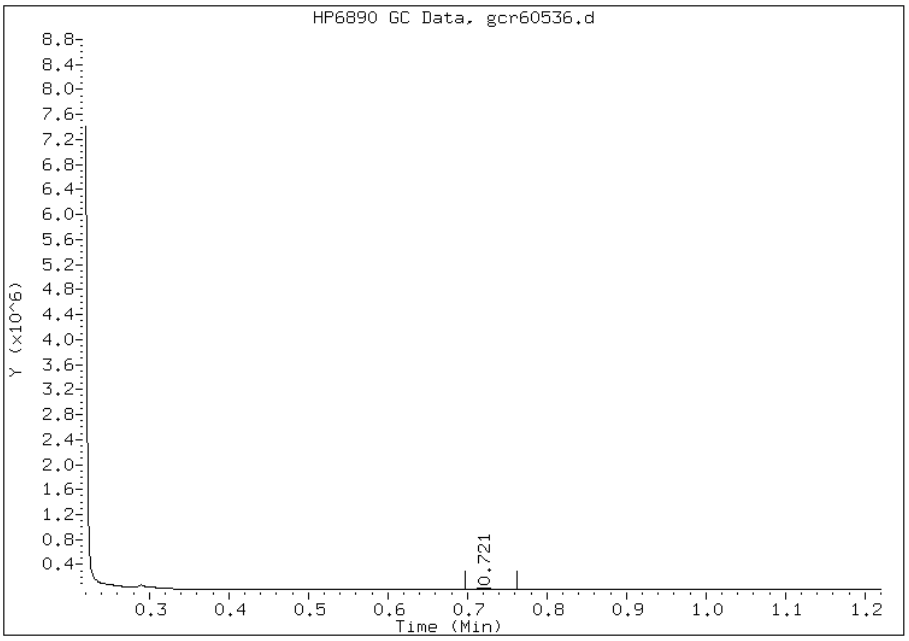
Manual Integration Results

RT: 0.72

Response: 472096

Amount: 13.20

Conc: 0.88



Manually Integrated By: patelhe
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-1-WT-E (8-8.5) Lab Sample ID: 460-24280-8

Matrix: Solid Lab File ID: gcr60541.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 09:45

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.01(g) Date Analyzed: 04/07/2011 14:22

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 11.3 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69832 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	7.5		6.2	6.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	76		48-112
108-90-7	Chlorobenzene	63		32-106

Data File: gcr60541.d
Report Date: 07-Apr-2011 14:50

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-07-11/07apr11a.b/gcr60541.d
Lab Smp Id: 460-24280-F-8-B Client Smp ID: PMP-1-WT-E (8-8.5)
Inj Date : 07-APR-2011 14:22
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24280-F-8-B
Misc Info : 460-24280-F-8-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-07-11/07apr11a.b/QAM2009r.m
Meth Date : 07-Apr-2011 14:47 patelhe Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 29
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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	11.28571	% 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)	3.480	3.446	0.034	925438	15.2384	1.1(M)
$ 2 Chlorobenzene (sur)	0.719	0.719	0.000	449996	12.5800	0.94(M)
3 TPH	0.491	0.230	0.261	5922946	99.6525	7.5(M)

QC Flag Legend

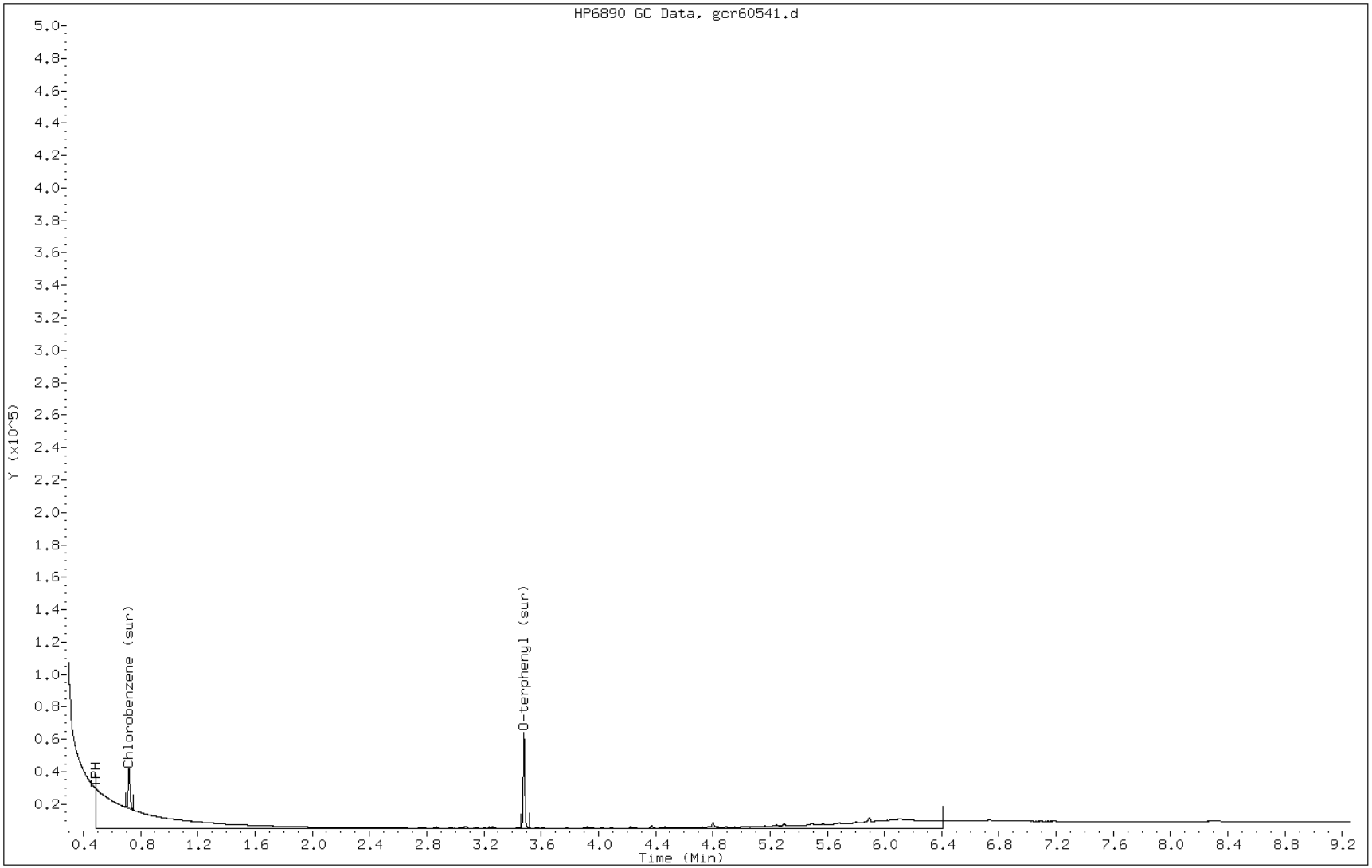
M - Compound response manually integrated.

Data File: gcr60541.d

Date: 07-APR-2011 14:22

Client ID: PMP-1-WT-E (8-8.5) Instrument: BNAGC1.i

Sample Info: 460-24280-F-8-B Operator: BNAGC1



Manual Integration Report

Data File: gcr60541.d
Inj. Date and Time: 07-APR-2011 14:22
Instrument ID: BNAGC1.i
Client ID: PMP-1-WT-E (8-8.5)
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/07/2011

Processing Integration Results

Not Detected

Expected RT: 3.48

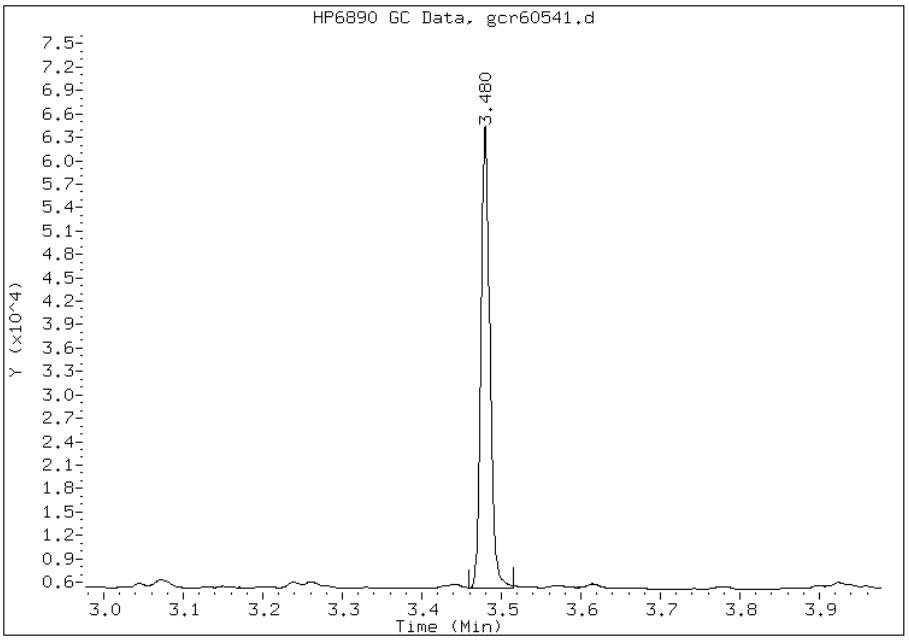
Manual Integration Results

RT: 3.48

Response: 925438

Amount: 15.24

Conc: 1.14



Manually Integrated By: patelhe
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcr60541.d
Inj. Date and Time: 07-APR-2011 14:22
Instrument ID: BNAGC1.i
Client ID: PMP-1-WT-E (8-8.5)
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/07/2011

Processing Integration Results

Not Detected

Expected RT: 0.72

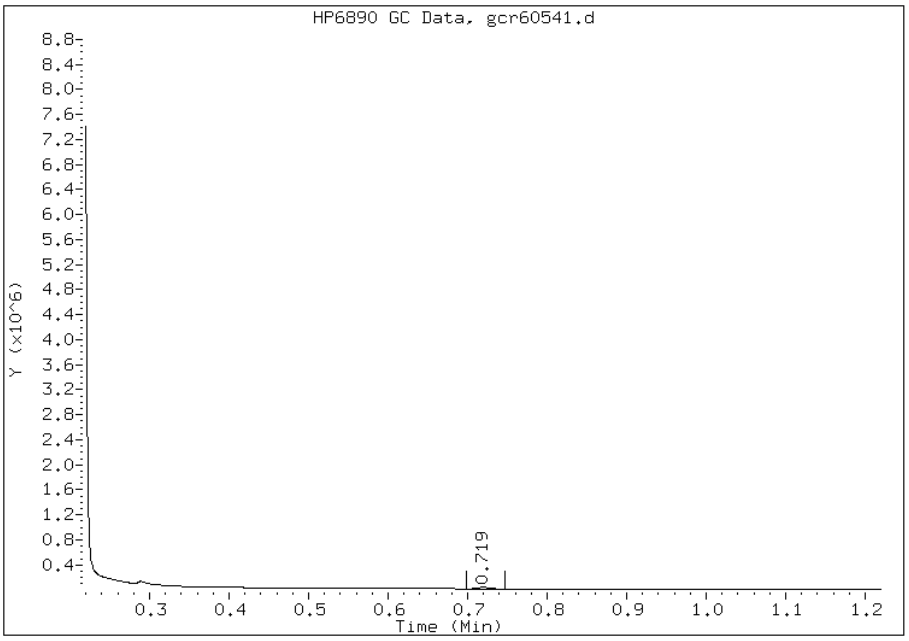
Manual Integration Results

RT: 0.72

Response: 449996

Amount: 12.58

Conc: 0.94



Manually Integrated By: patelhe
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-1-SI-E (10.5-11.0) Lab Sample ID: 460-24280-9

Matrix: Solid Lab File ID: gcr60102.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 09:50

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 14.99(g) Date Analyzed: 04/02/2011 20:51

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 13.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69393 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	6.4	U	6.4	6.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	70		48-112
108-90-7	Chlorobenzene	66		32-106

Data File: gcr60102.d
Report Date: 04-Apr-2011 11:07

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/gcr60102.d
Lab Smp Id: 460-24280-F-9-B Client Smp ID: PMP-1-SI-E (10.5-11
Inj Date : 02-APR-2011 20:51
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24280-F-9-B
Misc Info : 460-24280-F-9-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/QAM2009r.m
Meth Date : 04-Apr-2011 11:07 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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	14.99000	Weight of sample extracted (g)
M	13.38583	% 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)	3.496	3.495	0.001	851690	14.0240	1.1(M)
$ 2 Chlorobenzene (sur)	0.731	0.732	-0.001	471158	13.1716	1.0(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

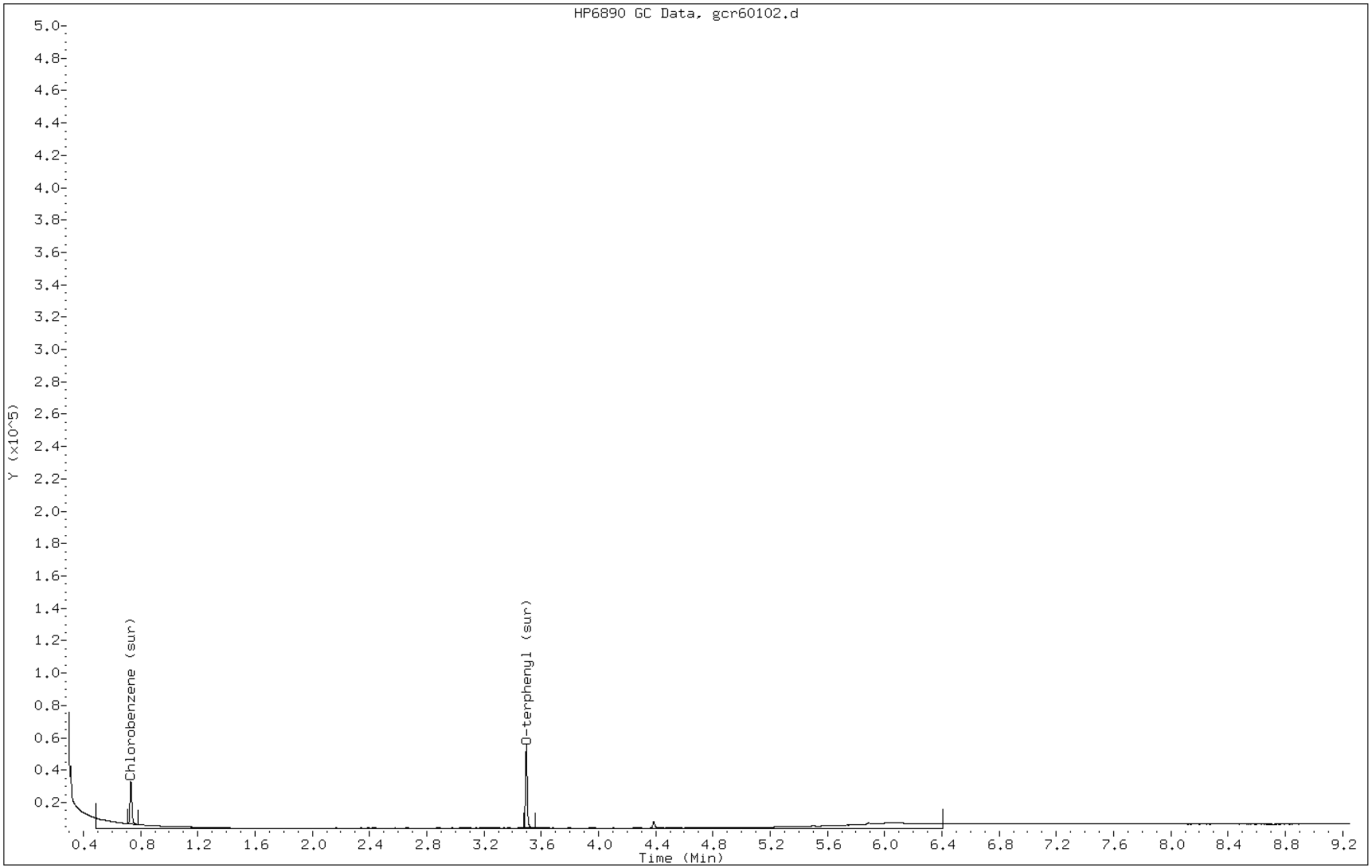
M - Compound response manually integrated.

Data File: gcr60102.d

Date: 02-APR-2011 20:51

Client ID: PMP-1-SI-E (10.5-11 Instrument: BNAGC1.i

Sample Info: 460-24280-F-9-B Operator: BNAGC1



Manual Integration Report

Data File: gcr60102.d
Inj. Date and Time: 02-APR-2011 20:51
Instrument ID: BNAGC1.i
Client ID: PMP-1-SI-E (10.5-11
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 3.50

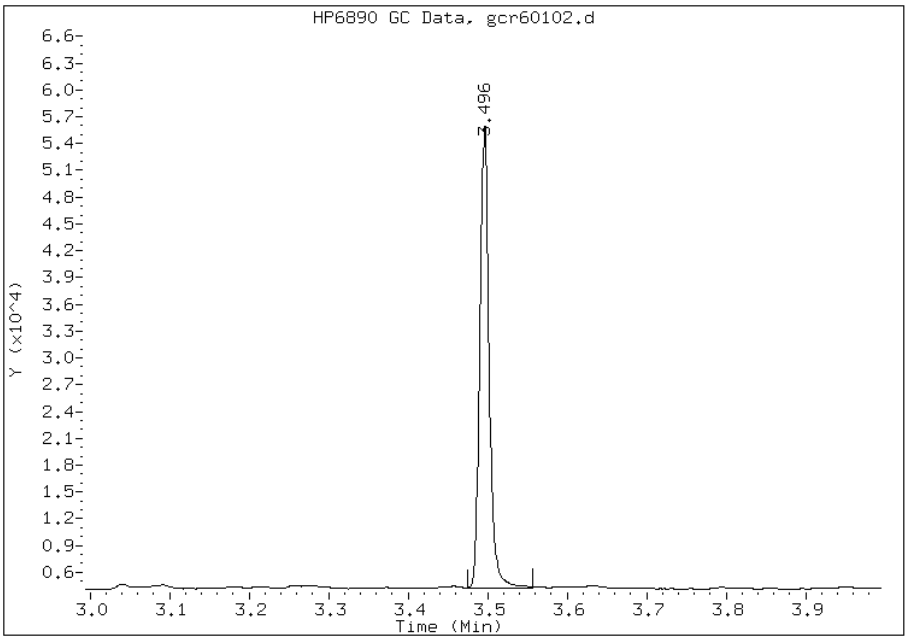
Manual Integration Results

RT: 3.50

Response: 851690

Amount: 14.02

Conc: 1.08



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60102.d
Inj. Date and Time: 02-APR-2011 20:51
Instrument ID: BNAGC1.i
Client ID: PMP-1-SI-E (10.5-11
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

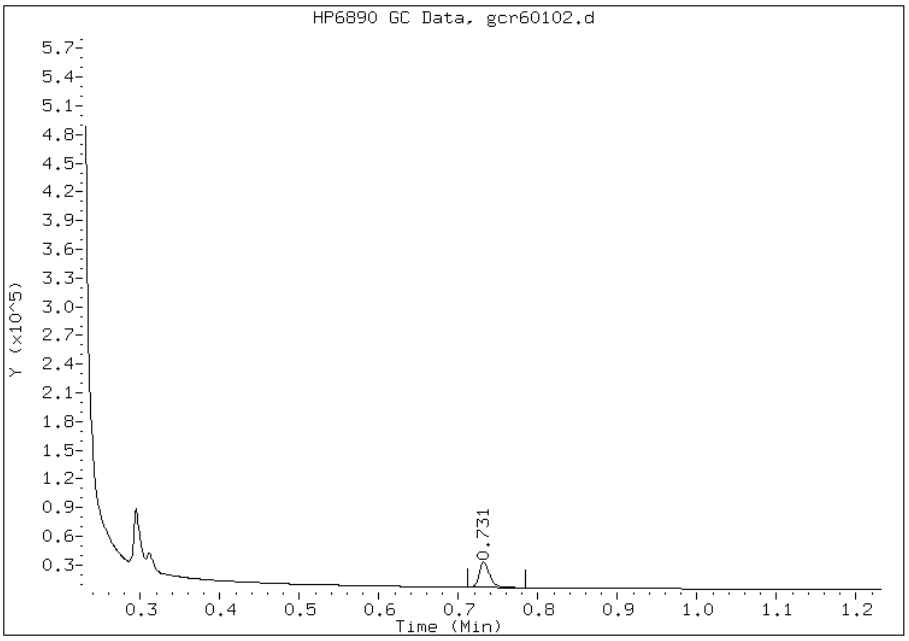
Manual Integration Results

RT: 0.73

Response: 471158

Amount: 13.17

Conc: 1.01



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-VS-E (1-3) Lab Sample ID: 460-24280-10

Matrix: Solid Lab File ID: gcr60347.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 10:25

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.00(g) Date Analyzed: 04/05/2011 14:39

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 8.5 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69502 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	860		30	30

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	1438	X	48-112
108-90-7	Chlorobenzene	60		32-106

Data File: gcr60347.d
Report Date: 05-Apr-2011 15:08

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/gcr60347.d
Lab Smp Id: 460-24280-F-10-B Client Smp ID: PMP-24-VS-E (1-3)
Inj Date : 05-APR-2011 14:39
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24280-F-10-B
Misc Info : 460-24280-F-10-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/QAM2009r.m
Meth Date : 05-Apr-2011 13:09 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 24
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	8.51735	% 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)	3.500	3.486	0.014	3493876	57.5306	21.0(RM)
$ 2 Chlorobenzene (sur)	0.728	0.727	0.001	85396	2.38731	0.87(aM)
3 TPH	3.461	2.871	0.590	139569453	2348.23	856(M)

QC Flag Legend

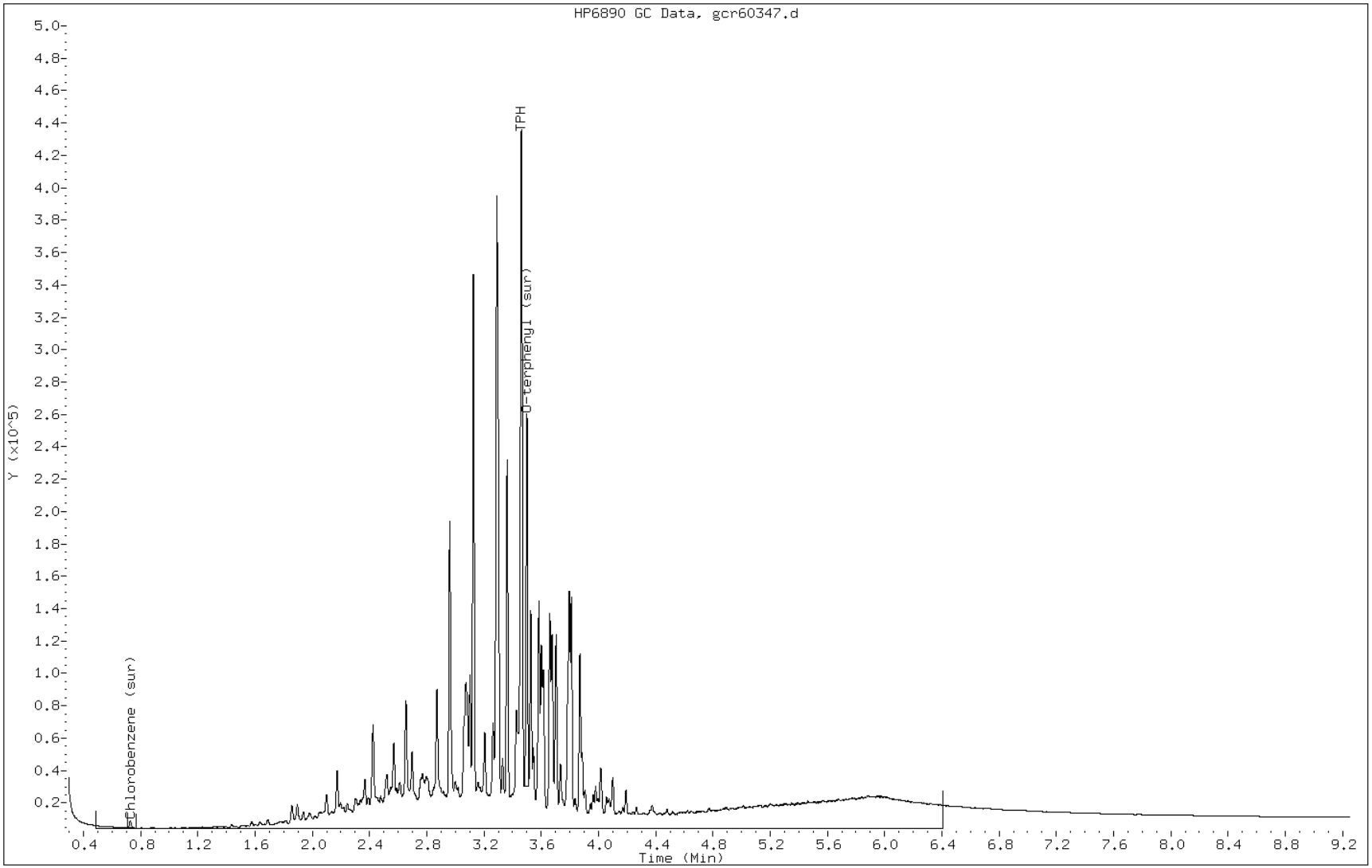
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: gcr60347.d

Date: 05-APR-2011 14:39

Client ID: PMP-24-VS-E (1-3) Instrument: BNAGC1.i

Sample Info: 460-24280-F-10-B Operator: BNAGC1



Manual Integration Report

Data File: gcr60347.d
Inj. Date and Time: 05-APR-2011 14:39
Instrument ID: BNAGC1.i
Client ID: PMP-24-VS-E (1-3)
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/05/2011

Processing Integration Results

Not Detected

Expected RT: 3.49

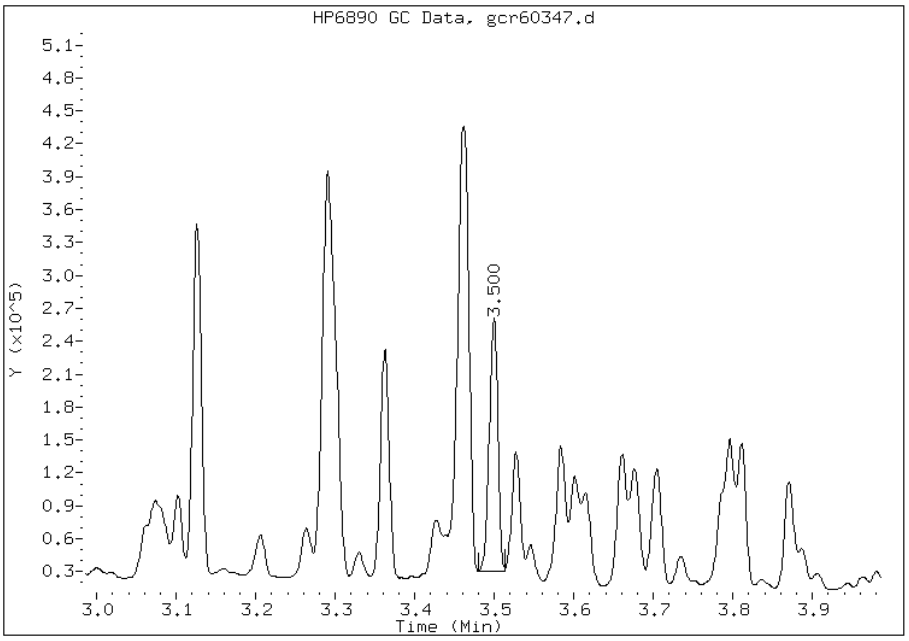
Manual Integration Results

RT: 3.50

Response: 3493876

Amount: 57.53

Conc: 20.96



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60347.d
Inj. Date and Time: 05-APR-2011 14:39
Instrument ID: BNAGC1.i
Client ID: PMP-24-VS-E (1-3)
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/05/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

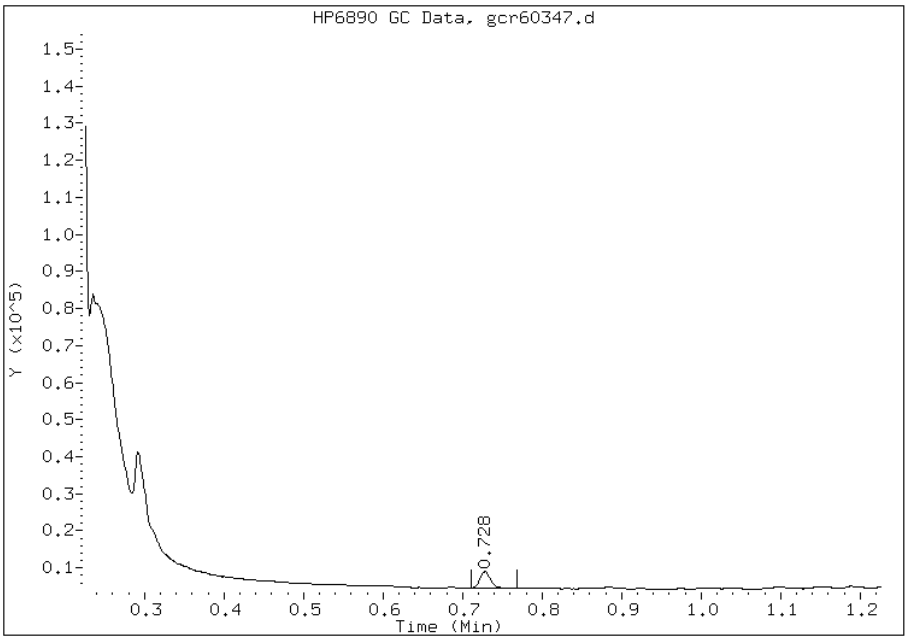
Manual Integration Results

RT: 0.73

Response: 85396

Amount: 2.39

Conc: 0.87



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-VD-E (4.5-6.5) Lab Sample ID: 460-24280-11

Matrix: Solid Lab File ID: gcr60348.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 10:30

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.00(g) Date Analyzed: 04/05/2011 14:54

Con. Extract Vol.: 1(mL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 10.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69502 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	4500		120	120

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	48-112
108-90-7	Chlorobenzene	0	X D	32-106

Data File: gcr60348.d
Report Date: 05-Apr-2011 15:09

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/gcr60348.d
Lab Smp Id: 460-24280-F-11-B Client Smp ID: PMP-24-VD-E (4.5-6.
Inj Date : 05-APR-2011 14:54
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24280-F-11-B
Misc Info : 460-24280-F-11-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/QAM2009r.m
Meth Date : 05-Apr-2011 13:09 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 25
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	10.59850	% 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	3.462	2.871	0.591	179616012	3022.01	4510(M)

QC Flag Legend

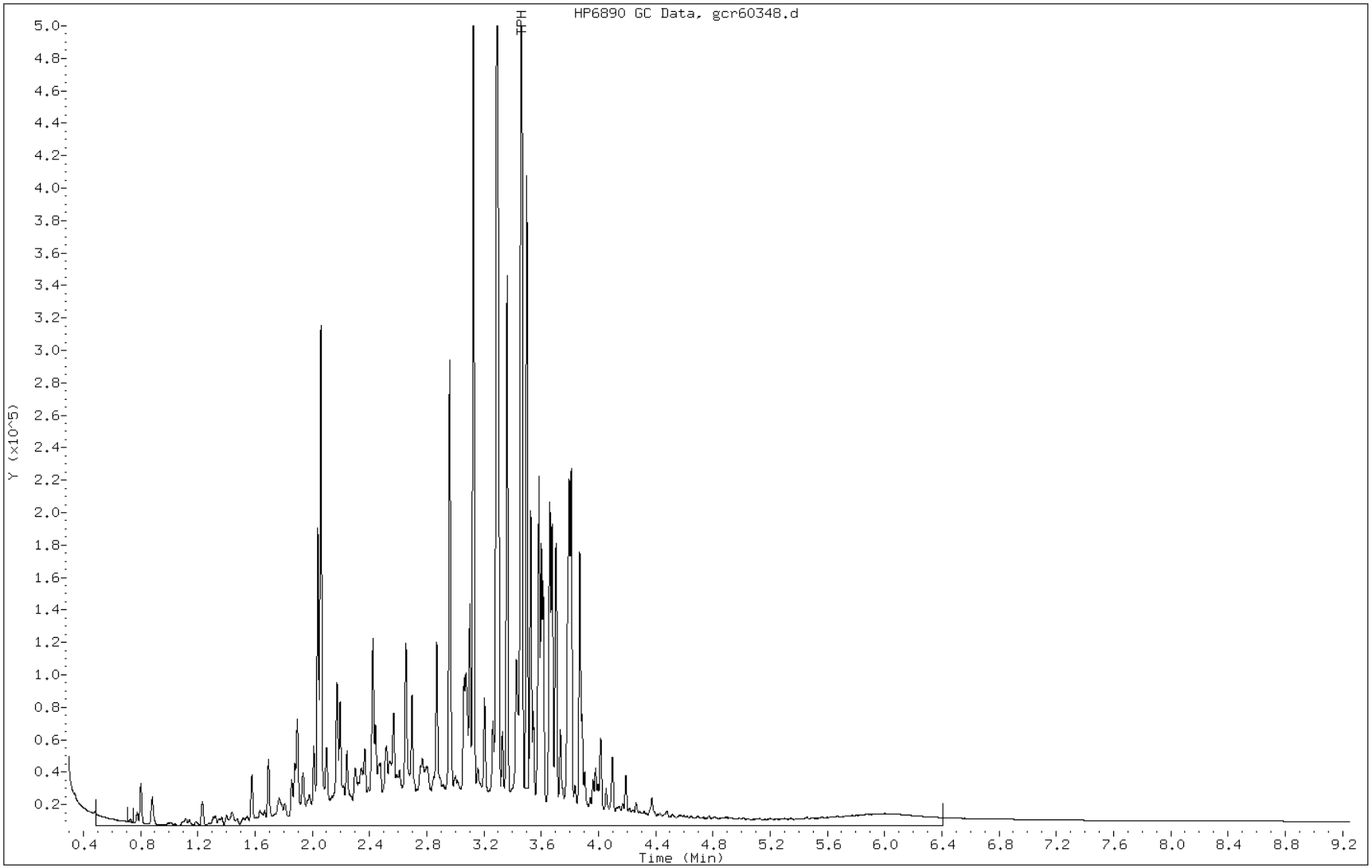
M - Compound response manually integrated.

Data File: gcr60348.d

Date: 05-APR-2011 14:54

Client ID: PMP-24-VD-E (4.5-6. Instrument: BNAGC1.i

Sample Info: 460-24280-F-11-B Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-WT-E (6.5-8.5) Lab Sample ID: 460-24280-12

Matrix: Solid Lab File ID: gcr60351.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 10:35

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.05(g) Date Analyzed: 04/05/2011 15:36

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 9.7 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69502 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1300		30	30

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	18	X	48-112
108-90-7	Chlorobenzene	65		32-106

Data File: gcr60351.d
Report Date: 06-Apr-2011 06:46

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/gcr60351.d
Lab Smp Id: 460-24280-F-12-B Client Smp ID: PMP-24-WT-E (6.5-8.
Inj Date : 05-APR-2011 15:36
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24280-F-12-B
Misc Info : 460-24280-F-12-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/QAM2009r.m
Meth Date : 05-Apr-2011 15:31 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 26
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	15.05000	Weight of sample extracted (g)
M	9.74967	% 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)	3.487	3.486	0.001	42820	0.70508	0.26(aRM)
$ 2 Chlorobenzene (sur)	0.723	0.727	-0.004	93168	2.60458	0.96(aM)
3 TPH	2.653	2.871	-0.218	215396035	3624.00	1330(M)

QC Flag Legend

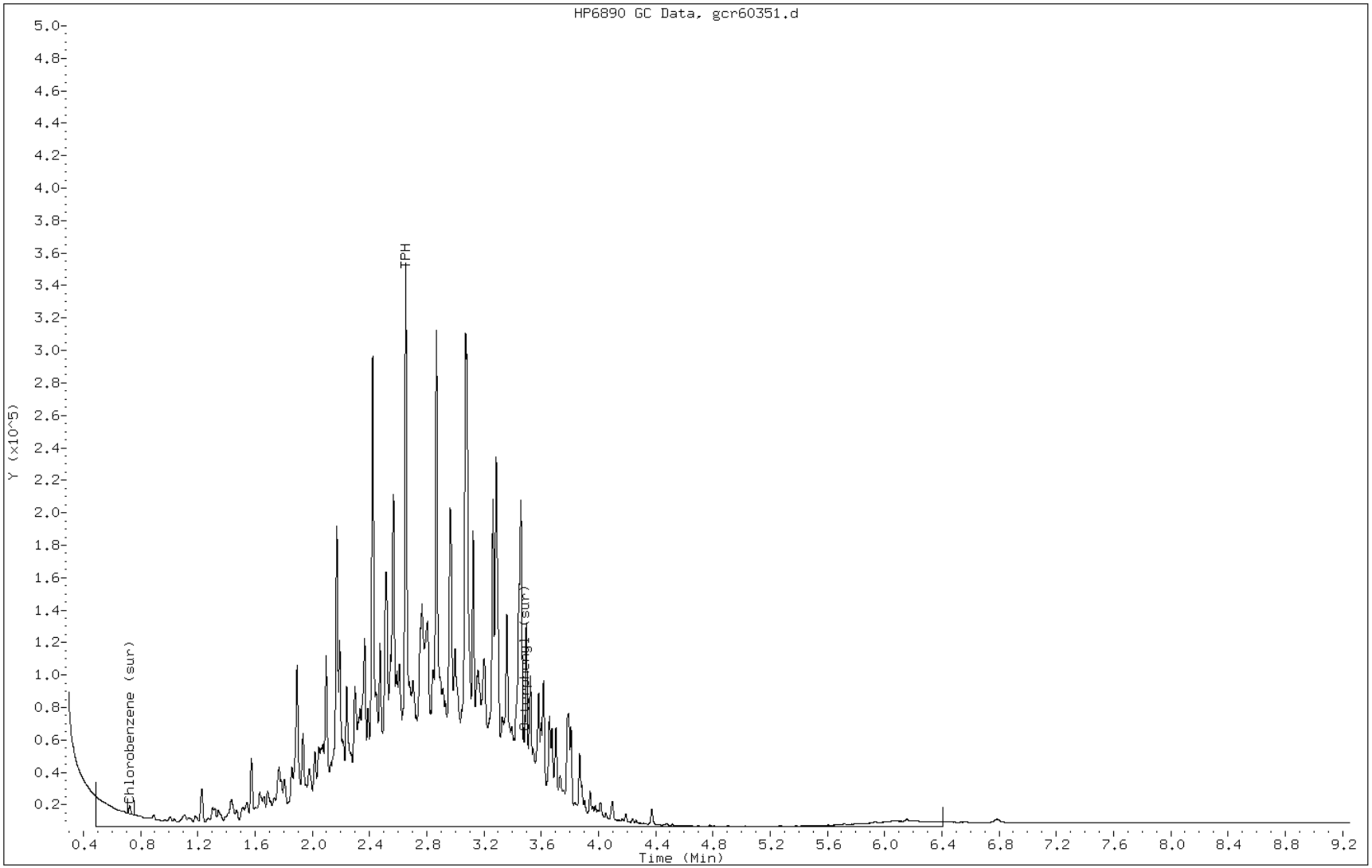
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: gcr60351.d

Date: 05-APR-2011 15:36

Client ID: PMP-24-WT-E (6.5-8. Instrument: BNAGC1.i

Sample Info: 460-24280-F-12-B Operator: BNAGC1



Manual Integration Report

Data File: gcr60351.d
Inj. Date and Time: 05-APR-2011 15:36
Instrument ID: BNAGC1.i
Client ID: PMP-24-WT-E (6.5-8.
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/06/2011

Processing Integration Results

Not Detected

Expected RT: 3.48

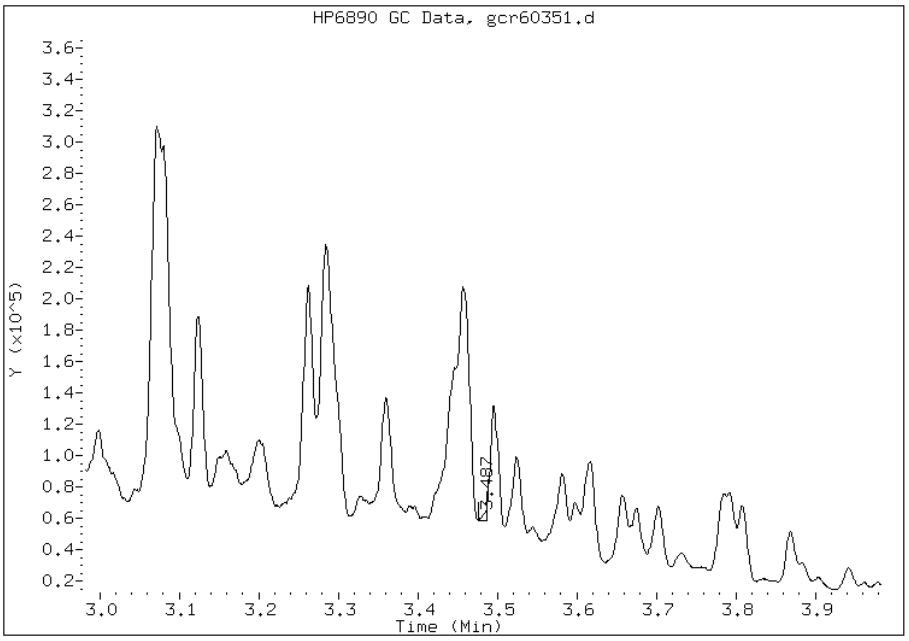
Manual Integration Results

RT: 3.49

Response: 42820

Amount: 0.71

Conc: 0.26



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60351.d
Inj. Date and Time: 05-APR-2011 15:36
Instrument ID: BNAGC1.i
Client ID: PMP-24-WT-E (6.5-8.
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/06/2011

Processing Integration Results

Not Detected

Expected RT: 0.72

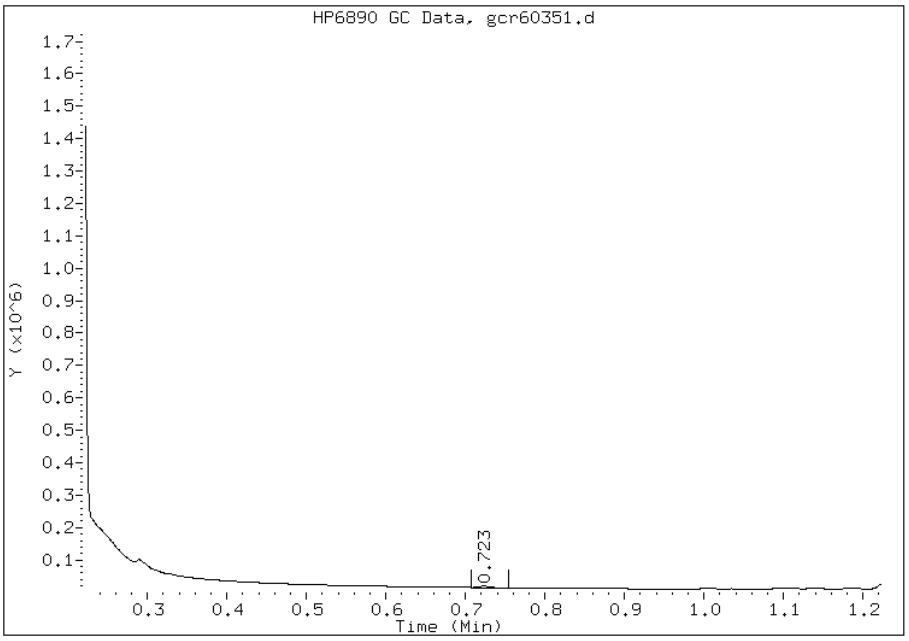
Manual Integration Results

RT: 0.72

Response: 93168

Amount: 2.60

Conc: 0.96



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-24-SI-E (10.5-12.5) Lab Sample ID: 460-24280-13

Matrix: Solid Lab File ID: gcr60352.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 10:40

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.02(g) Date Analyzed: 04/05/2011 15:45

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 14.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69502 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	19	X	48-112
108-90-7	Chlorobenzene	59		32-106

Data File: gcr60352.d
Report Date: 06-Apr-2011 06:43

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/gcr60352.d
Lab Smp Id: 460-24280-F-13-B Client Smp ID: PMP-24-SI-E (10.5-1
Inj Date : 05-APR-2011 15:45
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24280-F-13-B
Misc Info : 460-24280-F-13-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/QAM2009r.m
Meth Date : 05-Apr-2011 15:31 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 27
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	15.02000	Weight of sample extracted (g)
M	14.07703	% 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)	3.486	3.486	0.000	46728	0.76943	0.30(aRM)
$ 2 Chlorobenzene (sur)	0.726	0.727	-0.001	84320	2.35723	0.91(aM)
3 TPH	2.655	2.871	-0.216	141876960	2387.05	925(M)

QC Flag Legend

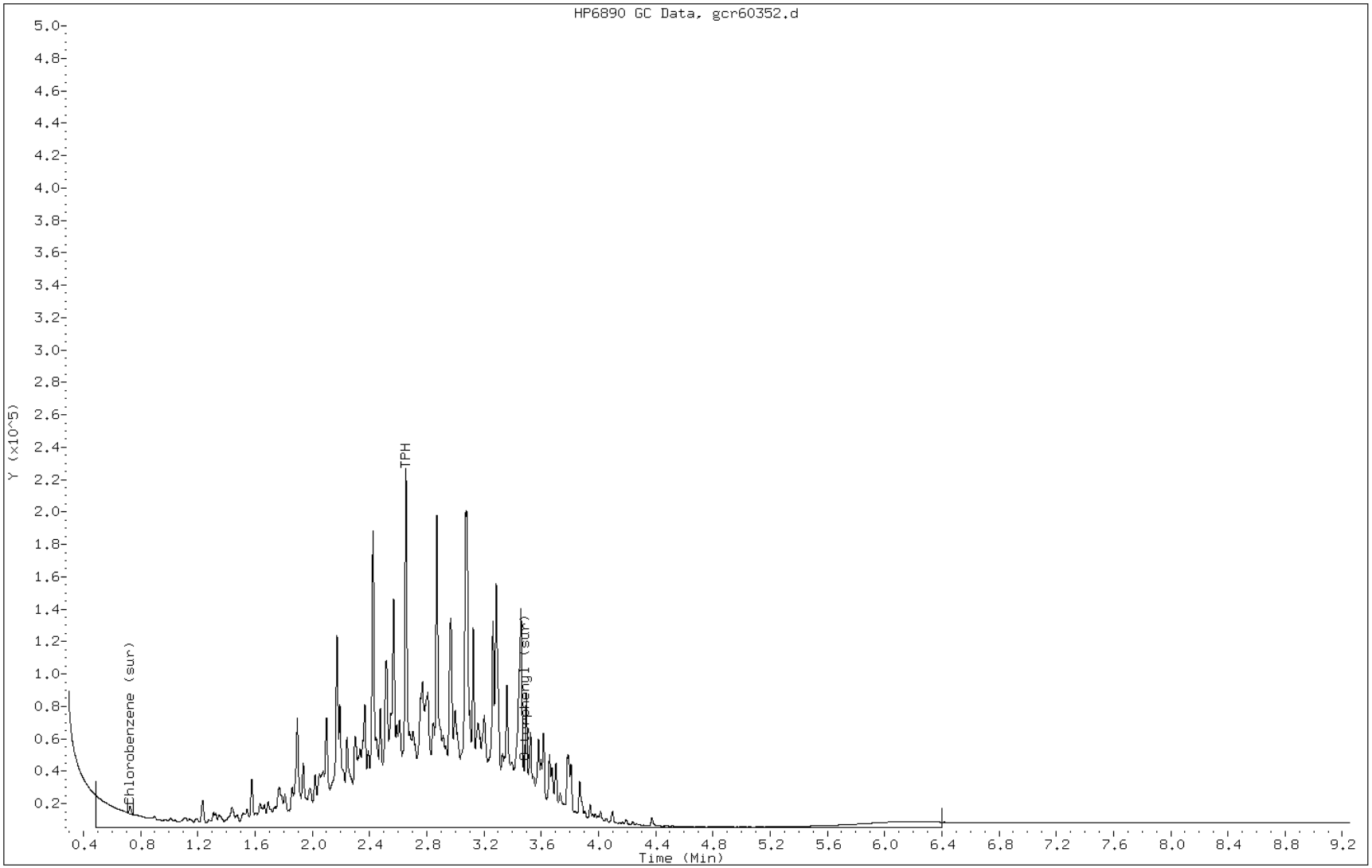
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: gcr60352.d

Date: 05-APR-2011 15:45

Client ID: PMP-24-SI-E (10.5-1 Instrument: BNAGC1.i

Sample Info: 460-24280-F-13-B Operator: BNAGC1



Manual Integration Report

Data File: gcr60352.d
Inj. Date and Time: 05-APR-2011 15:45
Instrument ID: BNAGC1.i
Client ID: PMP-24-SI-E (10.5-1
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/06/2011

Processing Integration Results

Not Detected

Expected RT: 3.48

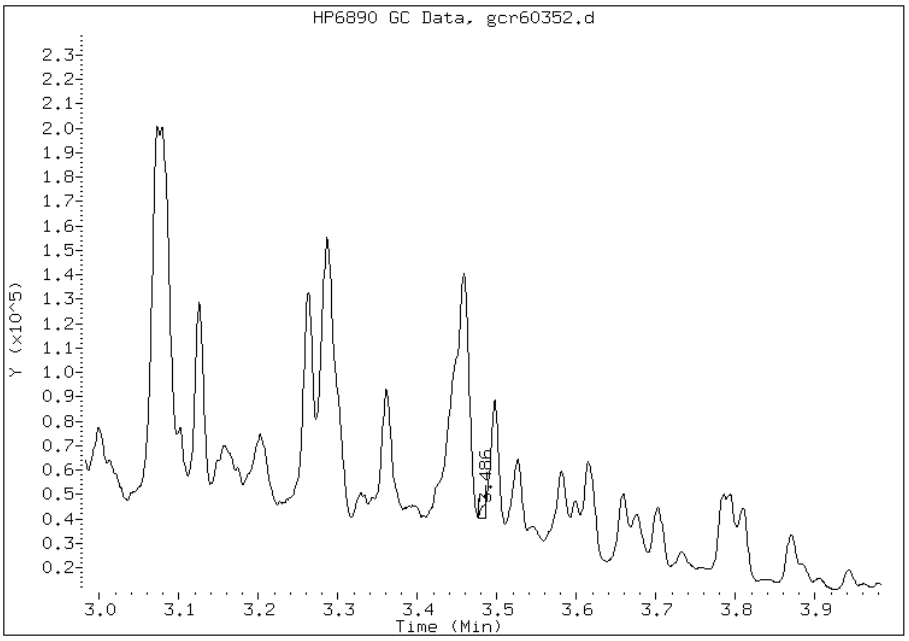
Manual Integration Results

RT: 3.49

Response: 46728

Amount: 0.77

Conc: 0.30



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60352.d
Inj. Date and Time: 05-APR-2011 15:45
Instrument ID: BNAGC1.i
Client ID: PMP-24-SI-E (10.5-1
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/06/2011

Processing Integration Results

Not Detected

Expected RT: 0.72

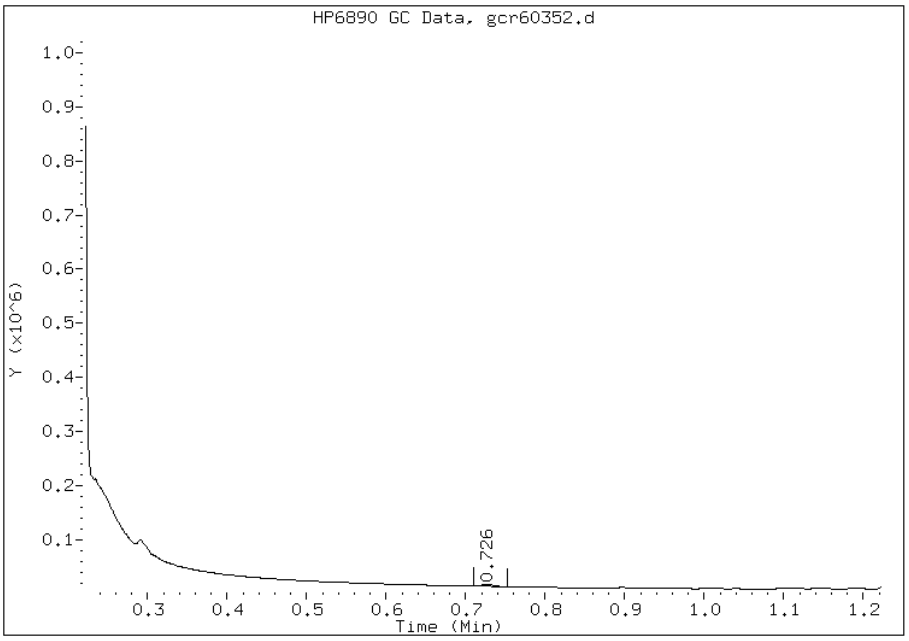
Manual Integration Results

RT: 0.73

Response: 84320

Amount: 2.36

Conc: 0.91



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-2-VD-E (3.5-4.0) Lab Sample ID: 460-24280-14

Matrix: Solid Lab File ID: gcr60353.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 11:19

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.01(g) Date Analyzed: 04/05/2011 16:02

Con. Extract Vol.: 1(mL) Dilution Factor: 2

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 4.1 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69502 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	520		11	11

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	95		48-112
108-90-7	Chlorobenzene	56		32-106

Data File: gcr60353.d
Report Date: 06-Apr-2011 06:43

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/gcr60353.d
Lab Smp Id: 460-24280-F-14-B Client Smp ID: PMP-2-VD-E (3.5-4.0
Inj Date : 05-APR-2011 16:02
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24280-F-14-B
Misc Info : 460-24280-F-14-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/QAM2009r.m
Meth Date : 05-Apr-2011 15:31 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 28
Dil Factor: 2.00000
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	2.00000	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	4.09091	% 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)	3.484	3.486	-0.002	579896	9.54863	1.3(M)
$ 2 Chlorobenzene (sur)	0.728	0.727	0.001	202081	5.64932	0.78(M)
3 TPH	3.074	2.871	0.203	221011623	3718.48	517(M)

QC Flag Legend

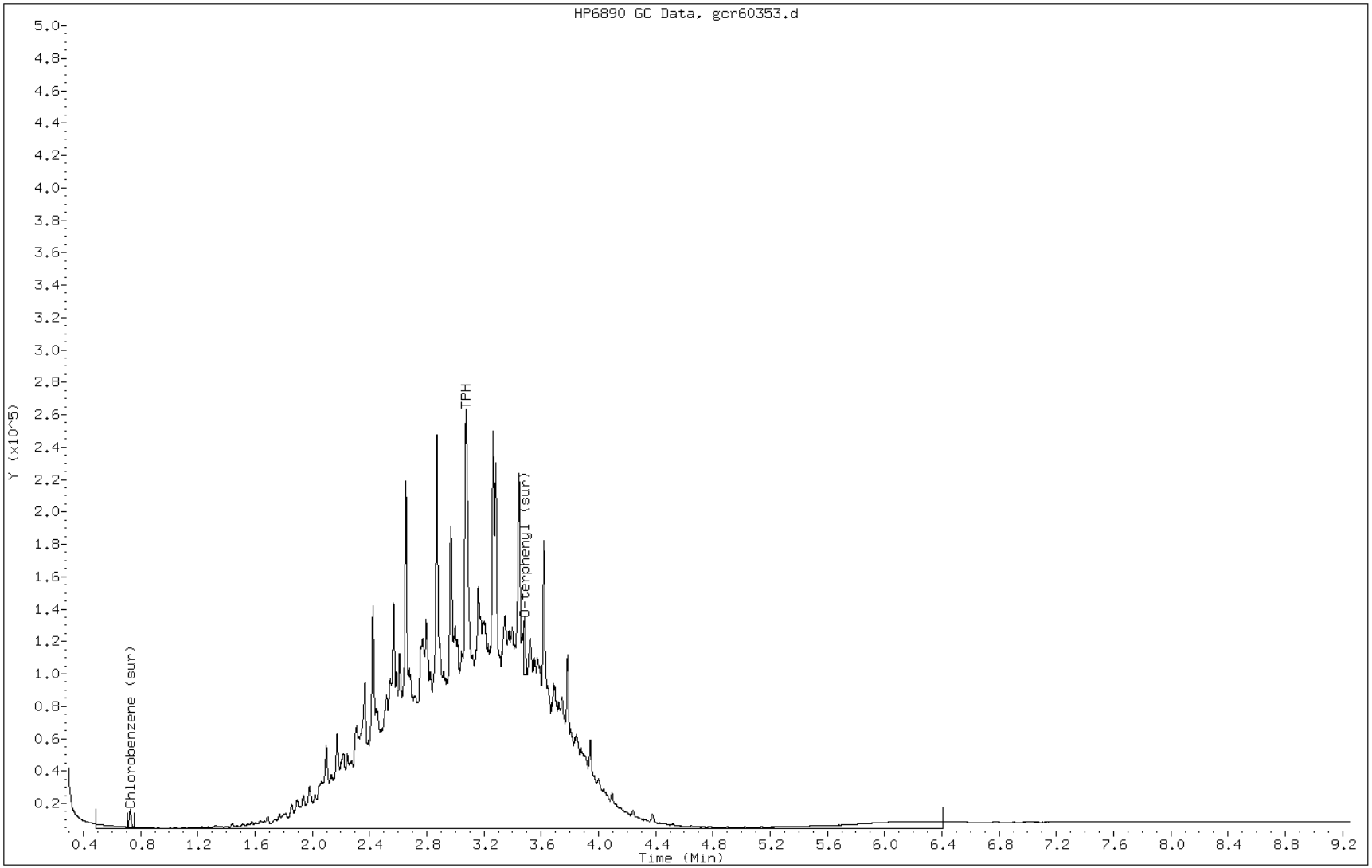
M - Compound response manually integrated.

Data File: gcr60353.d

Date: 05-APR-2011 16:02

Client ID: PMP-2-VD-E (3.5-4.0 Instrument: BNAGC1.i

Sample Info: 460-24280-F-14-B Operator: BNAGC1



Manual Integration Report

Data File: gcr60353.d
Inj. Date and Time: 05-APR-2011 16:02
Instrument ID: BNAGC1.i
Client ID: PMP-2-VD-E (3.5-4.0
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/06/2011

Processing Integration Results

Not Detected

Expected RT: 3.48

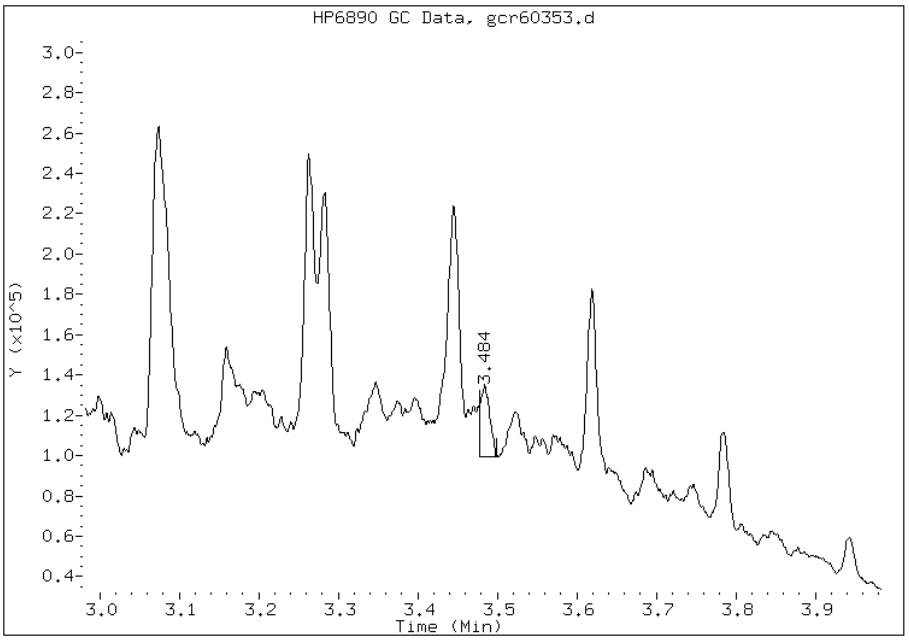
Manual Integration Results

RT: 3.48

Response: 579896

Amount: 9.55

Conc: 1.33



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60353.d
Inj. Date and Time: 05-APR-2011 16:02
Instrument ID: BNAGC1.i
Client ID: PMP-2-VD-E (3.5-4.0
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/06/2011

Processing Integration Results

Not Detected

Expected RT: 0.72

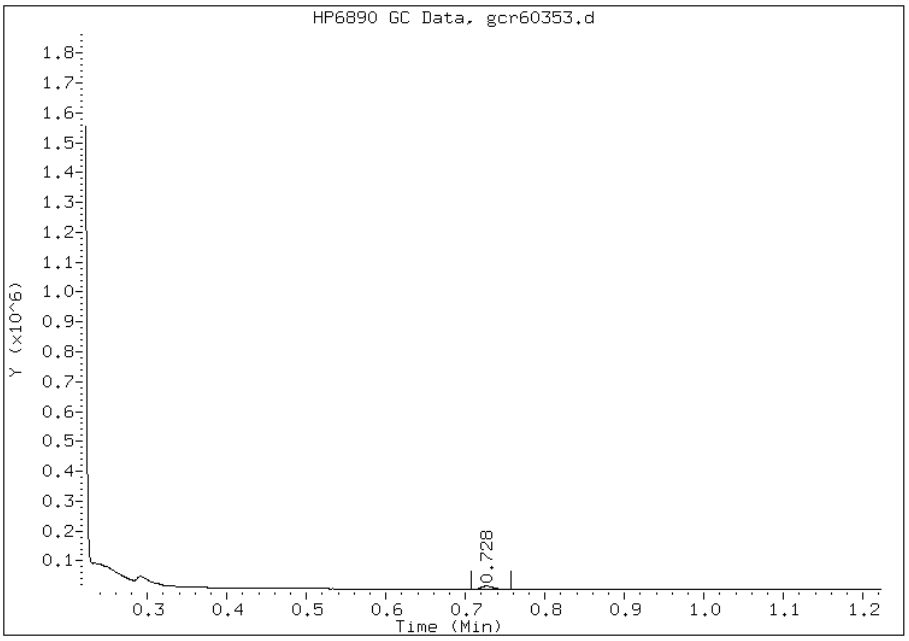
Manual Integration Results

RT: 0.73

Response: 202081

Amount: 5.65

Conc: 0.78



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-2WT-E (8.0-8.5) Lab Sample ID: 460-24280-15

Matrix: Solid Lab File ID: gcr60354.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 11:25

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.03(g) Date Analyzed: 04/05/2011 16:16

Con. Extract Vol.: 1(mL) Dilution Factor: 20

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 3.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69502 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	4200		110	110

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	0	X D	48-112
108-90-7	Chlorobenzene	0	X D	32-106

Data File: gcr60354.d
Report Date: 06-Apr-2011 06:43

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/gcr60354.d
Lab Smp Id: 460-24280-F-15-B Client Smp ID: PMP-2WT-E (8.0-8.5)
Inj Date : 05-APR-2011 16:16
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24280-F-15-B
Misc Info : 460-24280-F-15-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/QAM2009r.m
Meth Date : 05-Apr-2011 15:31 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 29
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	15.03000	Weight of sample extracted (g)
M	3.62694	% 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	2.657	2.871	-0.214	180404580	3035.28	4190(M)

QC Flag Legend

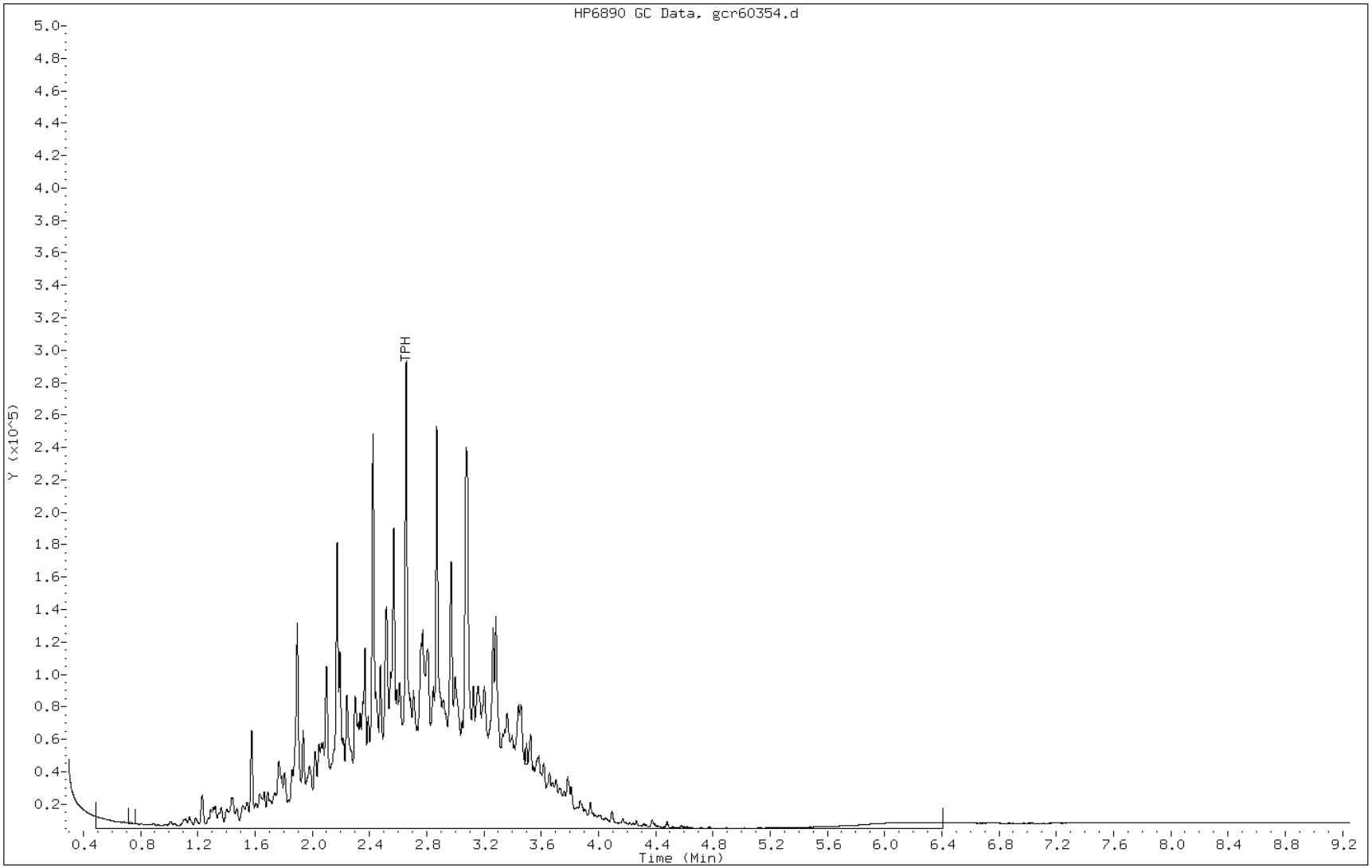
M - Compound response manually integrated.

Data File: gcr60354.d

Date: 05-APR-2011 16:16

Client ID: PMP-2WT-E (8.0-8.5) Instrument: BNAGC1.i

Sample Info: 460-24280-F-15-B Operator: BNAGC1



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-2-SI-E (10.5-11.0) Lab Sample ID: 460-24280-16

Matrix: Solid Lab File ID: gcr60355.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 11:30

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.00(g) Date Analyzed: 04/05/2011 16:41

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 12.8 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69502 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1100		32	32

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	42	X	48-112
108-90-7	Chlorobenzene	57		32-106

Data File: gcr60355.d
Report Date: 06-Apr-2011 06:43

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/gcr60355.d
Lab Smp Id: 460-24280-F-16-B Client Smp ID: PMP-2-SI-E (10.5-11
Inj Date : 05-APR-2011 16:41
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24280-F-16-B
Misc Info : 460-24280-F-16-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/QAM2009r.m
Meth Date : 05-Apr-2011 15:31 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 30
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	12.80788	% 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)	3.481	3.486	-0.005	102460	1.68712	0.64(aRM)
$ 2 Chlorobenzene (sur)	0.726	0.727	-0.001	81121	2.26780	0.87(aM)
3 TPH	2.655	2.871	-0.216	177474936	2985.98	1140(M)

QC Flag Legend

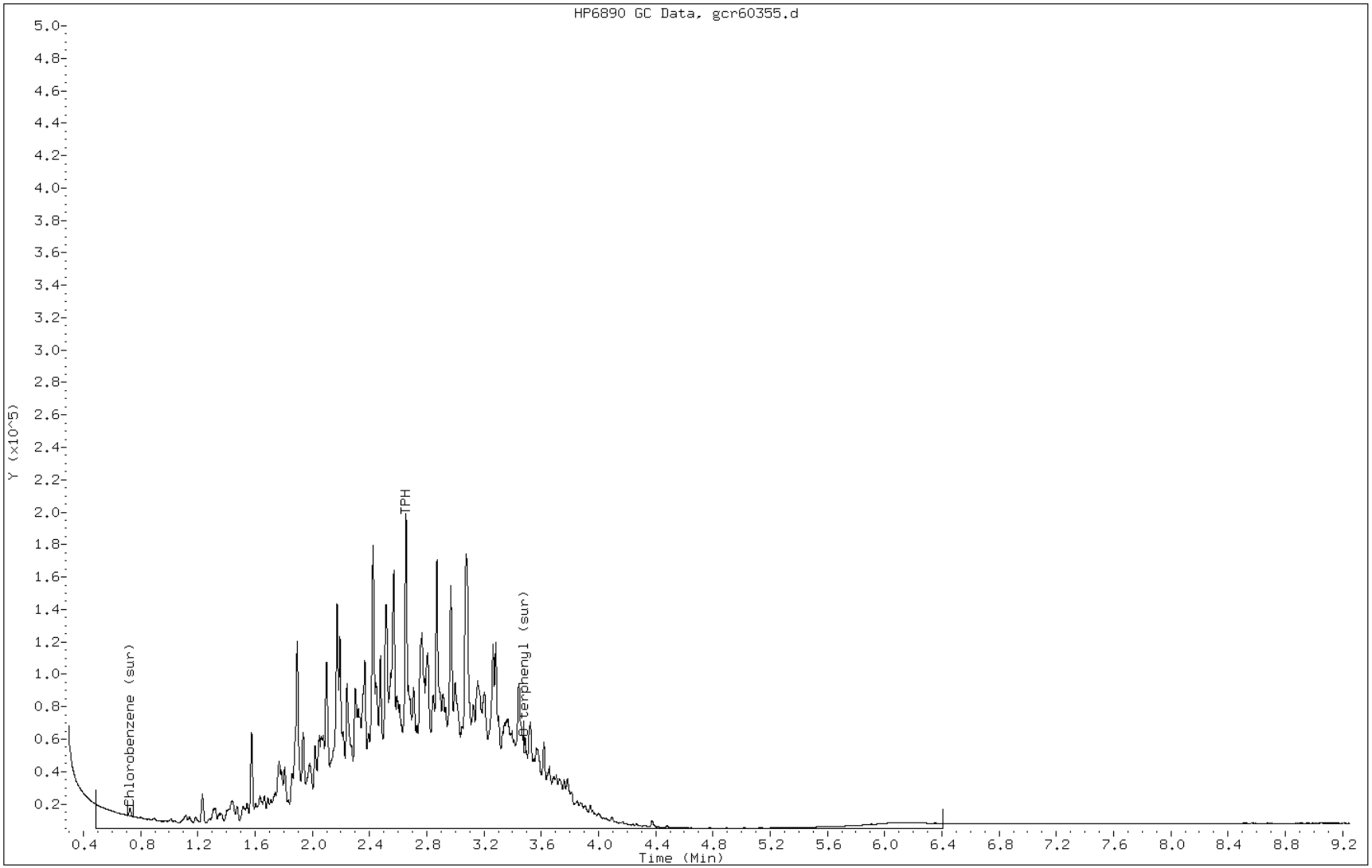
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: gcr60355.d

Date: 05-APR-2011 16:41

Client ID: PMP-2-SI-E (10.5-11 Instrument: BNAGC1.i

Sample Info: 460-24280-F-16-B Operator: BNAGC1



Manual Integration Report

Data File: gcr60355.d
Inj. Date and Time: 05-APR-2011 16:41
Instrument ID: BNAGC1.i
Client ID: PMP-2-SI-E (10.5-11
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/06/2011

Processing Integration Results

Not Detected

Expected RT: 3.48

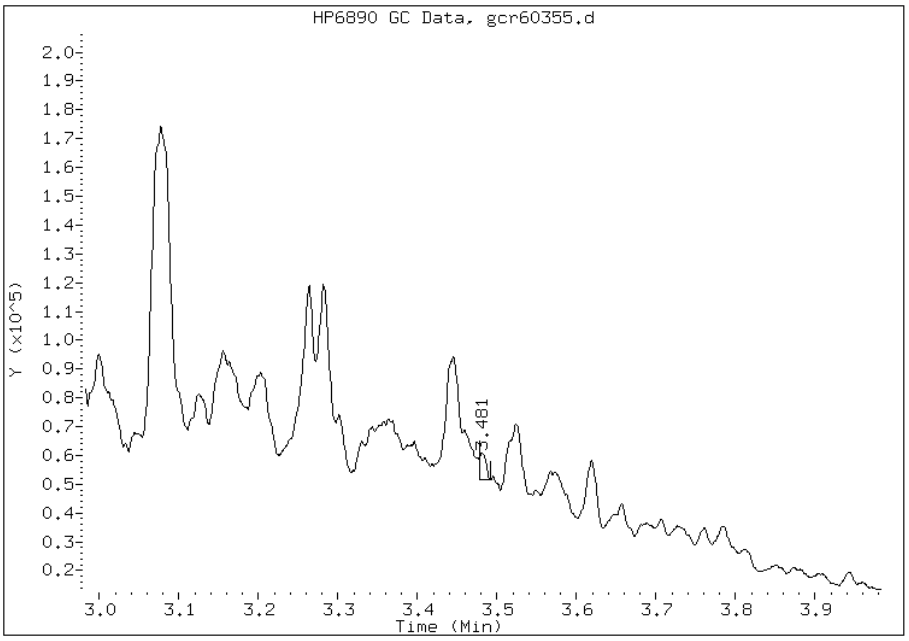
Manual Integration Results

RT: 3.48

Response: 102460

Amount: 1.69

Conc: 0.64



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60355.d
Inj. Date and Time: 05-APR-2011 16:41
Instrument ID: BNAGC1.i
Client ID: PMP-2-SI-E (10.5-11
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/06/2011

Processing Integration Results

Not Detected

Expected RT: 0.72

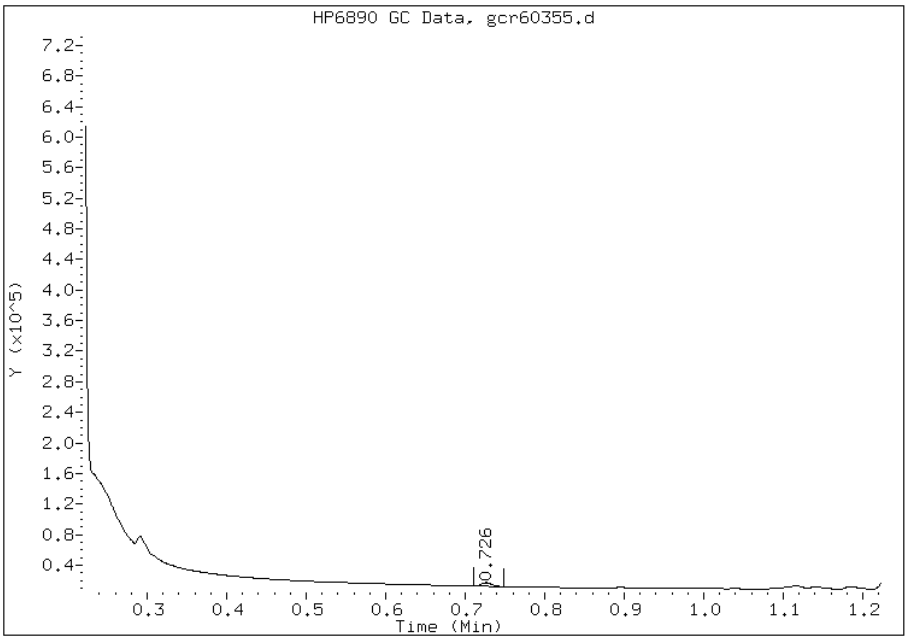
Manual Integration Results

RT: 0.73

Response: 81121

Amount: 2.27

Conc: 0.87



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5-VD-E (3.5-4) Lab Sample ID: 460-24280-17

Matrix: Solid Lab File ID: gcr60432.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 11:55

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.04(g) Date Analyzed: 04/06/2011 12:12

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 3.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69780 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	9.7		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	81		48-112
108-90-7	Chlorobenzene	69		32-106

Data File: gcr60432.d
Report Date: 07-Apr-2011 04:33

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-06-11/06apr11a.b/gcr60432.d
Lab Smp Id: 460-24280-F-17-D Client Smp ID: PMP-5-VD-E (3.5-4)
Inj Date : 06-APR-2011 12:12
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24280-F-17-D
Misc Info : 460-24280-F-17-D
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-06-11/06apr11a.b/QAM2009r.m
Meth Date : 07-Apr-2011 04:20 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 41
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	3.39426	% 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)	3.483	3.484	-0.001	982942	16.1852	1.1(M)
$ 2 Chlorobenzene (sur)	0.722	0.723	-0.001	491053	13.7277	0.94(M)
3 TPH	0.491	3.262	-2.771	8333970	140.218	9.6(M)

QC Flag Legend

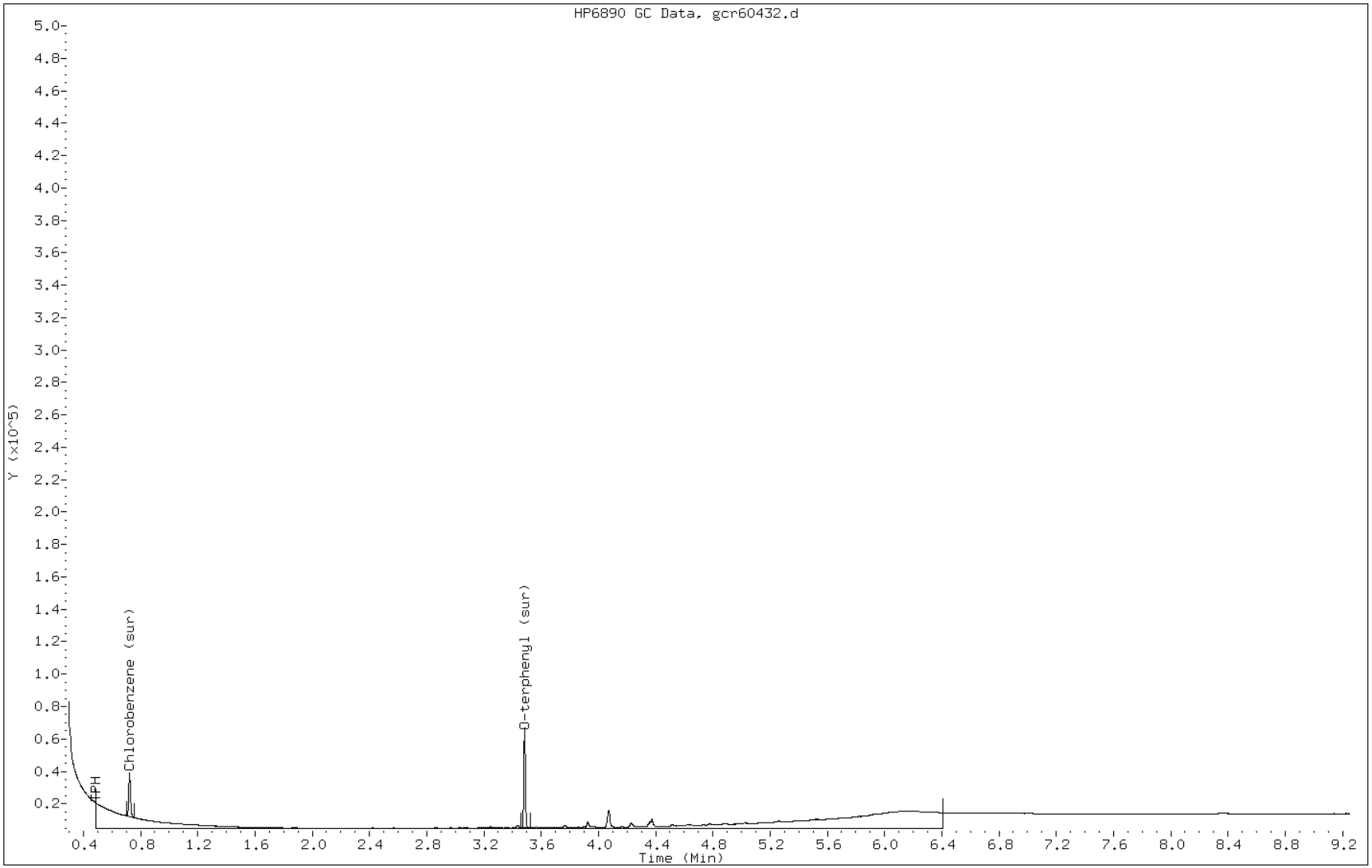
M - Compound response manually integrated.

Data File: gcr60432.d

Date: 06-APR-2011 12:12

Client ID: PMP-5-VD-E (3.5-4) Instrument: BNAGC1.i

Sample Info: 460-24280-F-17-D Operator: BNAGC1



Manual Integration Report

Data File: gcr60432.d
Inj. Date and Time: 06-APR-2011 12:12
Instrument ID: BNAGC1.i
Client ID: PMP-5-VD-E (3.5-4)
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/07/2011

Processing Integration Results

Not Detected

Expected RT: 3.48

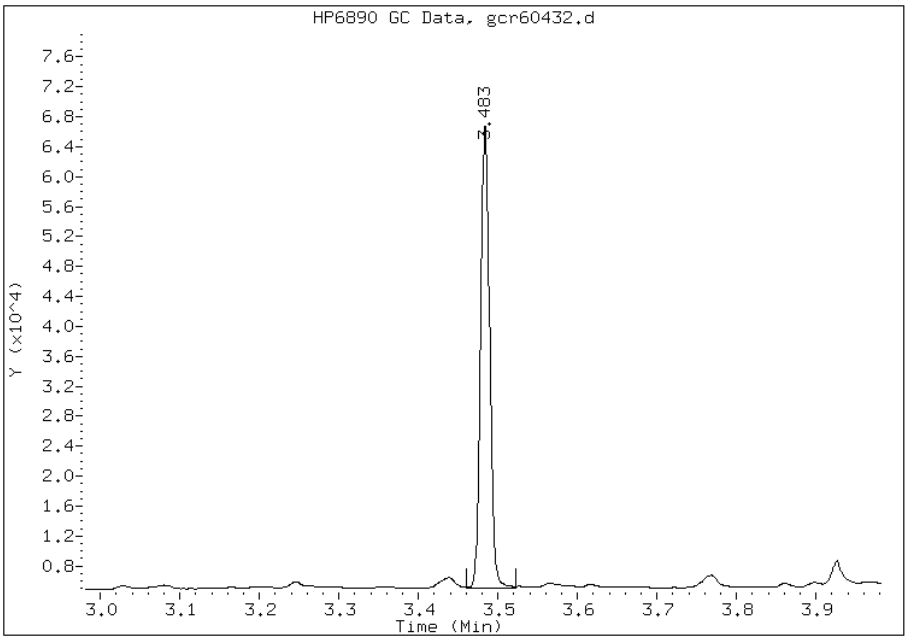
Manual Integration Results

RT: 3.48

Response: 982942

Amount: 16.19

Conc: 1.11



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60432.d
Inj. Date and Time: 06-APR-2011 12:12
Instrument ID: BNAGC1.i
Client ID: PMP-5-VD-E (3.5-4)
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/07/2011

Processing Integration Results

Not Detected

Expected RT: 0.72

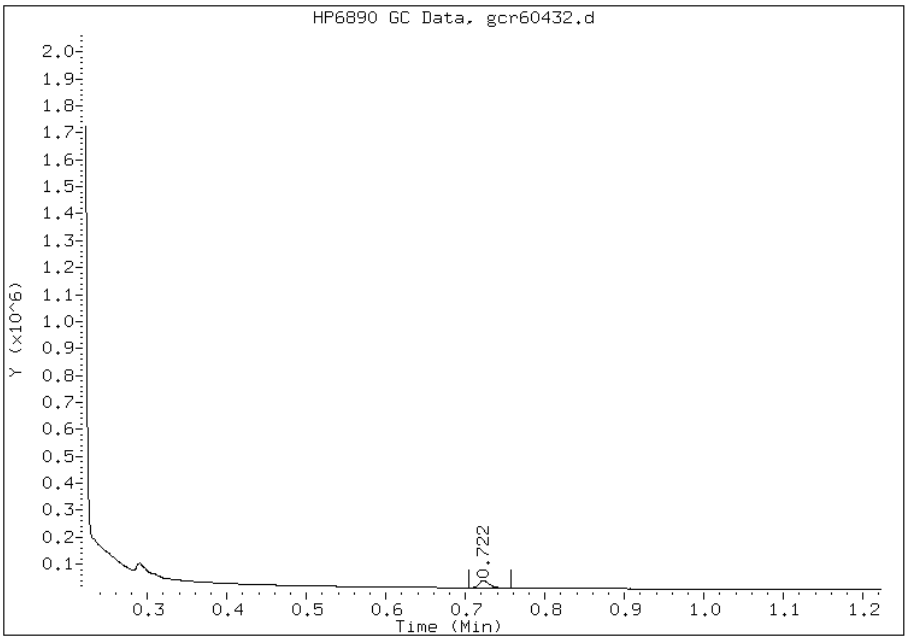
Manual Integration Results

RT: 0.72

Response: 491053

Amount: 13.73

Conc: 0.94



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5-WT-E (8-8.5) Lab Sample ID: 460-24280-18

Matrix: Solid Lab File ID: gcr60340.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 12:00

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.03(g) Date Analyzed: 04/05/2011 12:49

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69502 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	660	*	29	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	63		48-112
108-90-7	Chlorobenzene	64		32-106

Data File: gcr60340.d
Report Date: 05-Apr-2011 15:01

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/gcr60340.d
Lab Smp Id: 460-24280-F-18-D Client Smp ID: PMP-5-WT-E (8-8.5)
Inj Date : 05-APR-2011 12:49
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24280-F-18-D
Misc Info : 460-24280-F-18-D
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/QAM2009r.m
Meth Date : 05-Apr-2011 13:09 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 17
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	5.60579	% 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)	3.485	3.486	-0.001	152273	2.50734	0.88(aM)
$ 2 Chlorobenzene (sur)	0.726	0.727	-0.001	91308	2.55258	0.90(aM)
3 TPH	3.084	2.871	0.213	111861609	1882.05	663(M)

QC Flag Legend

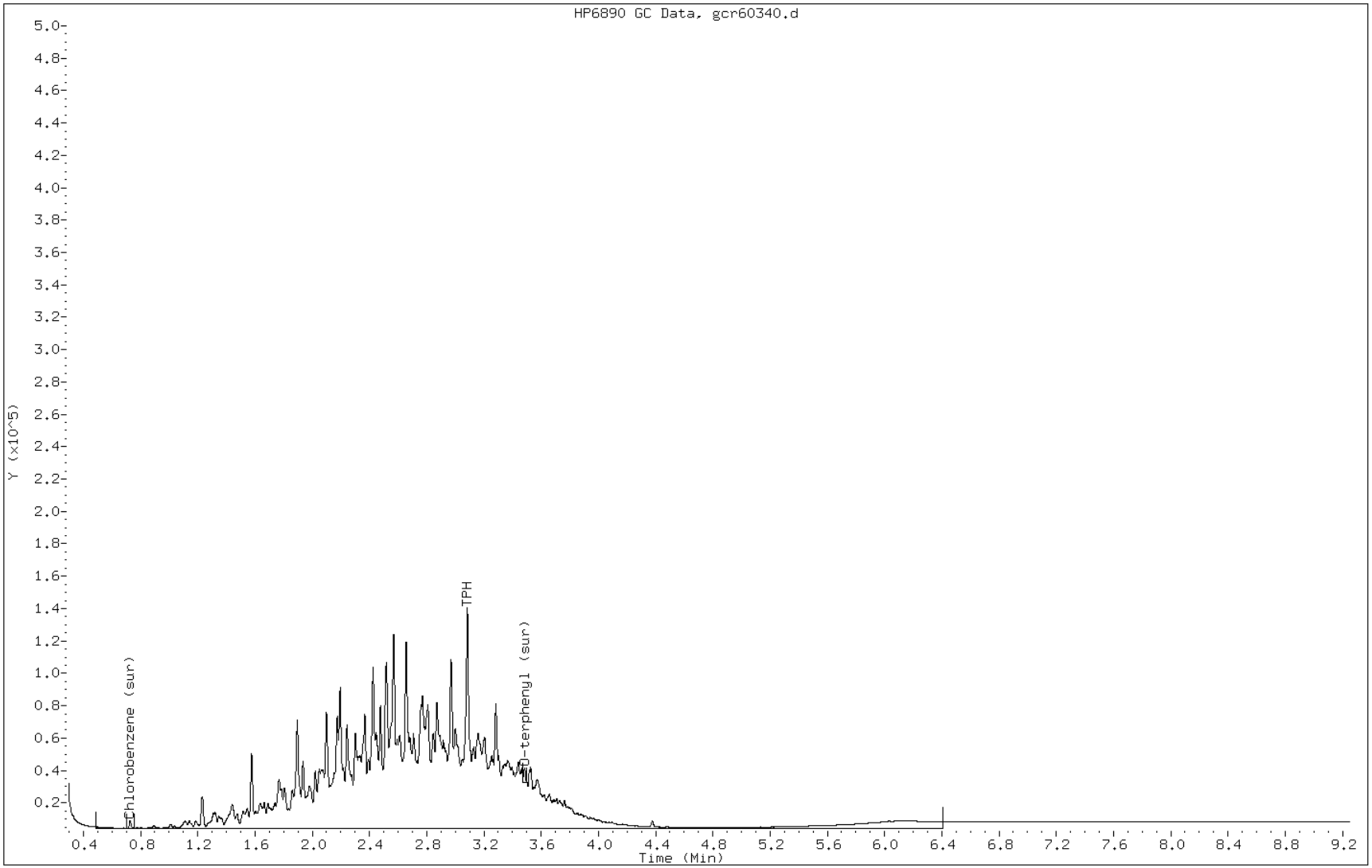
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: gcr60340.d

Date: 05-APR-2011 12:49

Client ID: PMP-5-WT-E (8-8.5) Instrument: BNAGC1.i

Sample Info: 460-24280-F-18-D Operator: BNAGC1



Manual Integration Report

Data File: gcr60340.d
Inj. Date and Time: 05-APR-2011 12:49
Instrument ID: BNAGC1.i
Client ID: PMP-5-WT-E (8-8.5)
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/05/2011

Processing Integration Results

Not Detected

Expected RT: 3.49

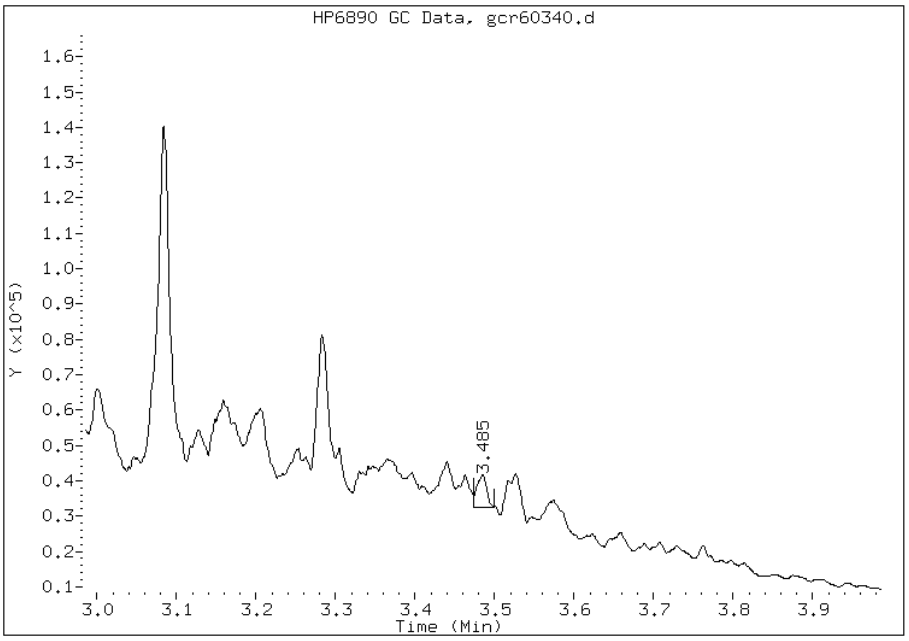
Manual Integration Results

RT: 3.48

Response: 152273

Amount: 2.51

Conc: 0.88



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60340.d
Inj. Date and Time: 05-APR-2011 12:49
Instrument ID: BNAGC1.i
Client ID: PMP-5-WT-E (8-8.5)
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/05/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

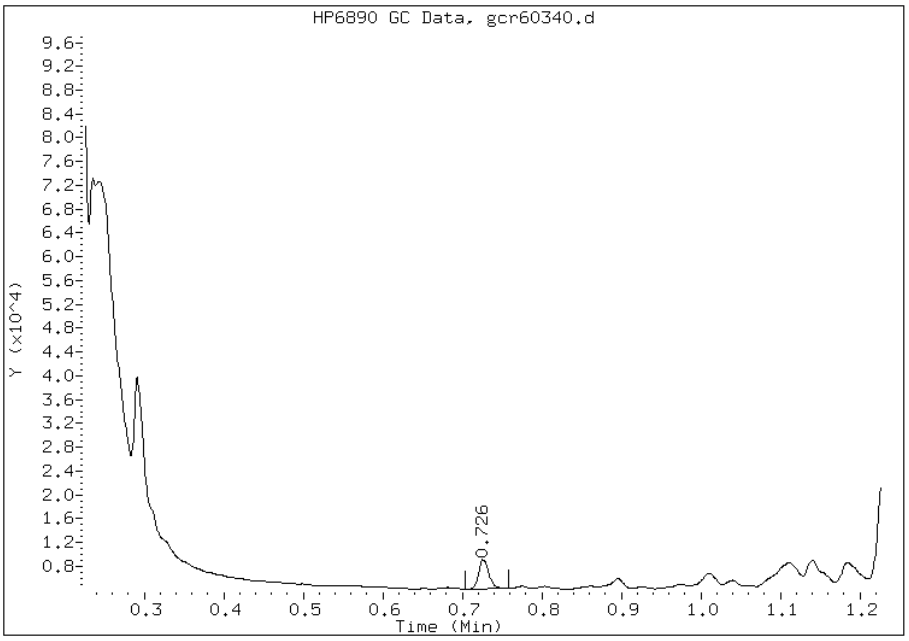
Manual Integration Results

RT: 0.73

Response: 91308

Amount: 2.55

Conc: 0.90



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5SI-E (10.5-11) Lab Sample ID: 460-24280-19

Matrix: Solid Lab File ID: gcr60412.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 12:05

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.05(g) Date Analyzed: 04/06/2011 07:20

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 14.0 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69502 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	1100	*	32	32

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	61		48-112
108-90-7	Chlorobenzene	59		32-106

Data File: gcr60412.d
Report Date: 06-Apr-2011 09:59

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/gcr60412.d
Lab Smp Id: 460-24280-F-19-B Client Smp ID: PMP-5SI-E (10.5-11)
Inj Date : 06-APR-2011 07:20
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : 460-24280-F-19-B
Misc Info : 460-24280-F-19-B
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-05-11/05apr11a.b/QAM2009r.m
Meth Date : 06-Apr-2011 09:12 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 96
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	15.05000	Weight of sample extracted (g)
M	13.95349	% 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)	3.482	3.484	-0.002	149245	2.45749	0.95(aM)
$ 2 Chlorobenzene (sur)	0.725	0.725	0.000	84555	2.36380	0.91(aM)
3 TPH	3.082	3.264	-0.182	169932972	2859.09	1100(M)

QC Flag Legend

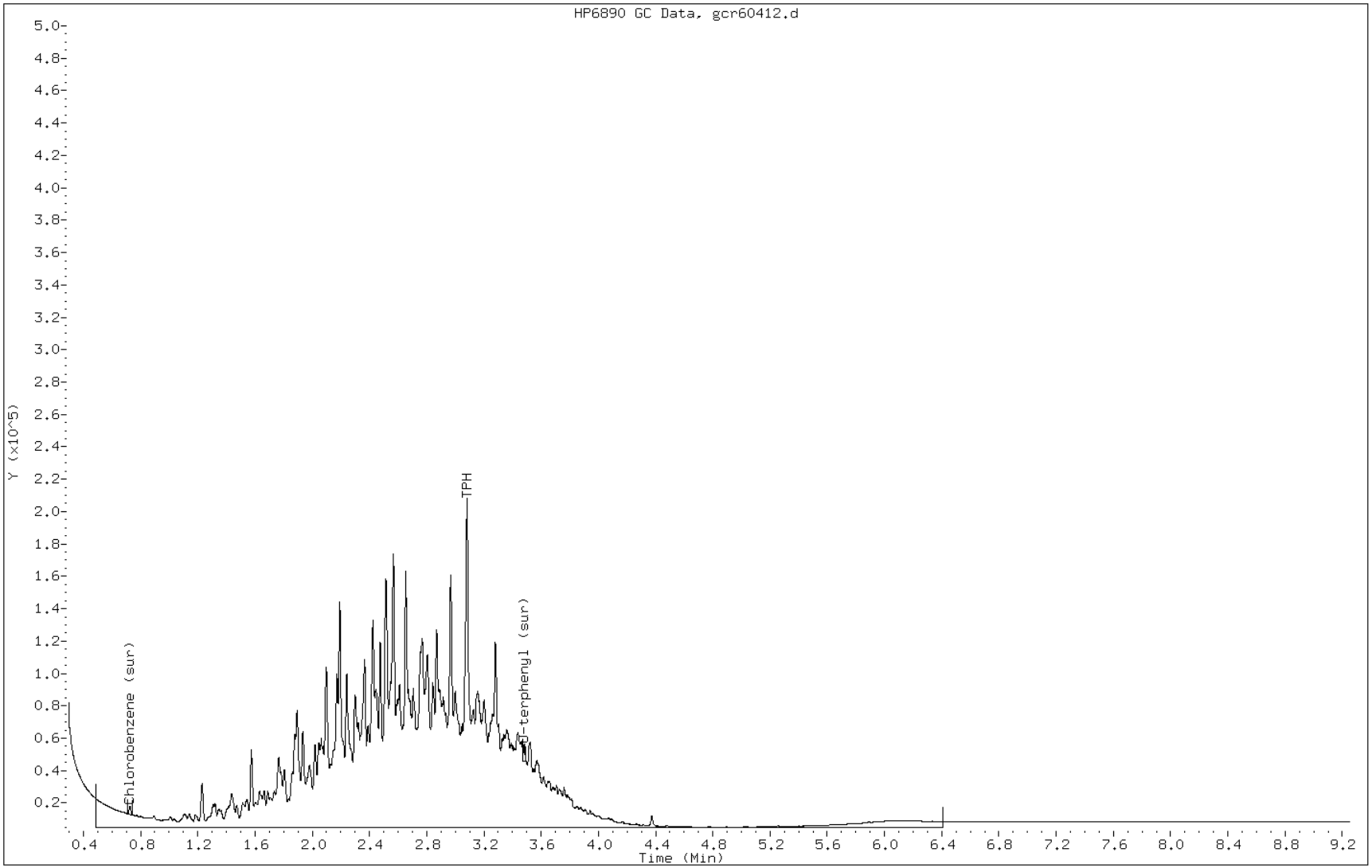
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: gcr60412.d

Date: 06-APR-2011 07:20

Client ID: PMP-5SI-E (10.5-11) Instrument: BNAGC1.i

Sample Info: 460-24280-F-19-B Operator: BNAGC1



Manual Integration Report

Data File: gcr60412.d
Inj. Date and Time: 06-APR-2011 07:20
Instrument ID: BNAGC1.i
Client ID: PMP-5SI-E (10.5-11)
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/06/2011

Processing Integration Results

Not Detected

Expected RT: 3.48

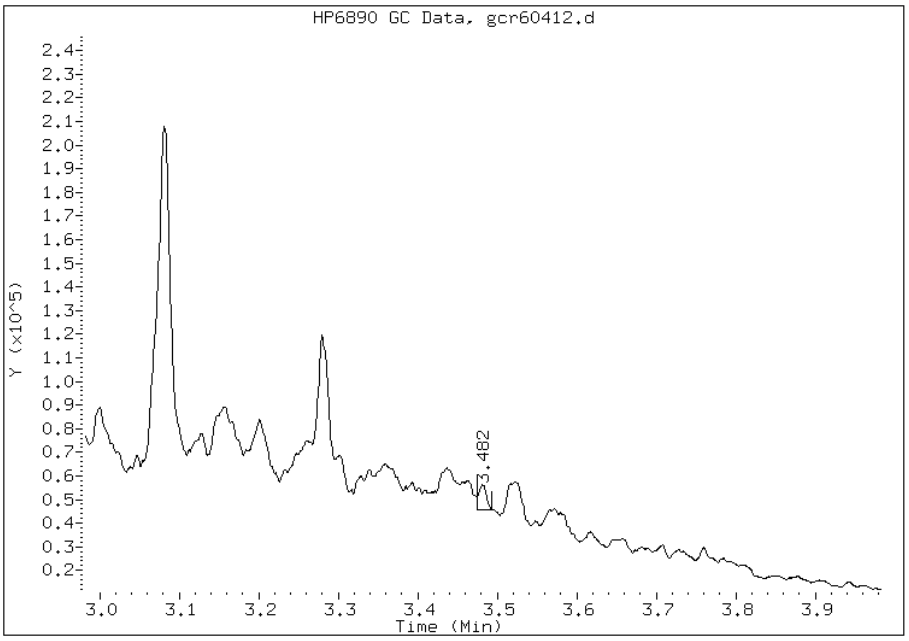
Manual Integration Results

RT: 3.48

Response: 149245

Amount: 2.46

Conc: 0.95



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60412.d
Inj. Date and Time: 06-APR-2011 07:20
Instrument ID: BNAGC1.i
Client ID: PMP-5SI-E (10.5-11)
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/06/2011

Processing Integration Results

Not Detected

Expected RT: 0.72

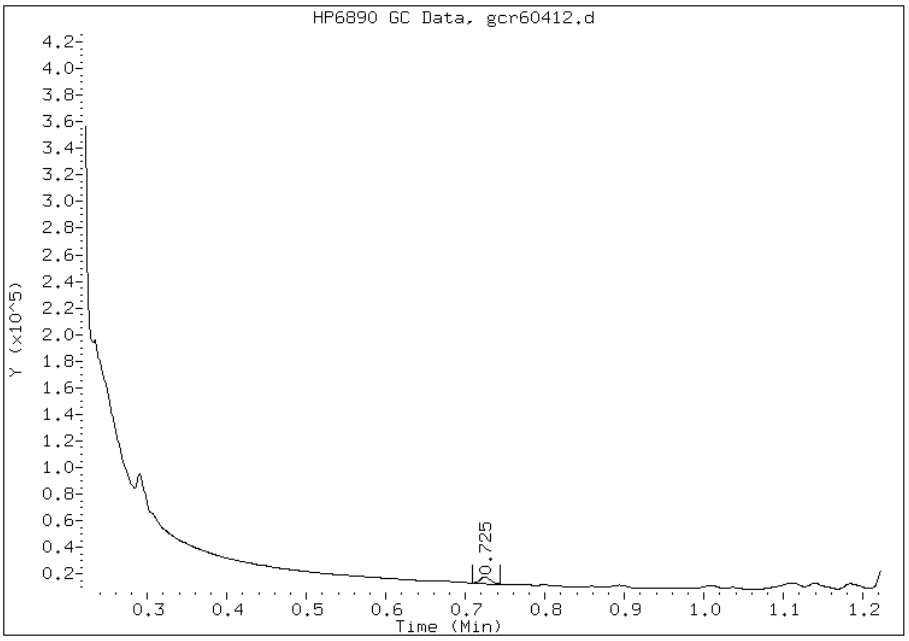
Manual Integration Results

RT: 0.72

Response: 84555

Amount: 2.36

Conc: 0.91



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 68891

SDG No.:

Instrument ID: BNAGC1 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2011 18:32 Calibration End Date: 03/29/2011 19:23 Calibration ID: 10307

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-68891/8	gcr59698.d
Level 2	IC 460-68891/7	gcr59697.d
Level 3	IC 460-68891/6	gcr59696.d
Level 4	IC 460-68891/5	gcr59695.d
Level 5	IC 460-68891/4	gcr59694.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
Total Petroleum Hydrocarbons (C8-C40)	0.578	3.285	2.891	3.286	3.286						0.000 - 33.447	2.665
Chlorobenzene	0.745	0.743	0.744	0.744	0.744						0.645 - 0.845	0.744
o-Terphenyl	3.511	3.509	3.509	3.509	3.509						3.411 - 3.611	3.509

FORM VI
GC SEMI VOA INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-24280-1 Analy Batch No.: 68891

SDG No.:

Instrument ID: BNAGC1 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2011 18:32 Calibration End Date: 03/29/2011 19:23 Calibration ID: 10307

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-68891/8	gcr59698.d
Level 2	IC 460-68891/7	gcr59697.d
Level 3	IC 460-68891/6	gcr59696.d
Level 4	IC 460-68891/5	gcr59695.d
Level 5	IC 460-68891/4	gcr59694.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)	77049 55966	56984	51352	55830	Ave		59435.9893				17.0		20.0			
Chlorobenzene	33952 38742	34210	34509	37442	Ave		35770.8320				6.1		20.0			
o-Terphenyl	58504 64334	57358	59017	64441	Ave		60730.7840				5.6		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.: 460-24280-1 Analy Batch No.: 68891

SDG No.:

Instrument ID: BNAGC1 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 03/29/2011 18:32 Calibration End Date: 03/29/2011 19:23 Calibration ID: 10307

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-68891/8	gcr59698.d
Level 2	IC 460-68891/7	gcr59697.d
Level 3	IC 460-68891/6	gcr59696.d
Level 4	IC 460-68891/5	gcr59695.d
Level 5	IC 460-68891/4	gcr59694.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	6342662	23454461	42272898	114897894	230354672	82.3	412	823	2058	4116
Chlorobenzene	Ave	8488	42762	86272	234014	484269	0.250	1.25	2.50	6.25	12.5
o-Terphenyl	Ave	14626	71698	147542	402755	804174	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.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69393/112 Calibration Date: 04/02/2011 13:13

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60071.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	59436	58426		2020	2060	-1.7	15.0
Chlorobenzene	Ave	35771	40658		7.10	6.25	13.7	15.0
o-Terphenyl	Ave	60731	68867		7.09	6.25	13.4	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69393/112 Calibration Date: 04/02/2011 13:13

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60071.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.28	0.00	33.28
Chlorobenzene	0.73	0.63	0.83
o-Terphenyl	3.50	3.40	3.60

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69393/125 Calibration Date: 04/02/2011 16:26

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60084.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	59436	59234		2050	2060	-0.3	15.0
Chlorobenzene	Ave	35771	40642		7.10	6.25	13.6	15.0
o-Terphenyl	Ave	60731	68660		7.07	6.25	13.1	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69393/125 Calibration Date: 04/02/2011 16:26

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60084.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.27	0.00	33.28
Chlorobenzene	0.73	0.63	0.83
o-Terphenyl	3.50	3.40	3.60

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69393/139 Calibration Date: 04/02/2011 19:45

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60098.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	59436	58210		2020	2060	-2.1	15.0
Chlorobenzene	Ave	35771	40771		7.12	6.25	14.0	15.0
o-Terphenyl	Ave	60731	68709		7.07	6.25	13.1	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69393/139 Calibration Date: 04/02/2011 19:45

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60098.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.27	0.00	33.28
Chlorobenzene	0.73	0.63	0.83
o-Terphenyl	3.50	3.40	3.60

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69502/21 Calibration Date: 04/05/2011 12:25

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60338.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	59436	51208		1770	2060	-13.8	15.0
Chlorobenzene	Ave	35771	33928		5.93	6.25	-5.2	15.0
o-Terphenyl	Ave	60731	57177		5.88	6.25	-5.9	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69502/21 Calibration Date: 04/05/2011 12:25

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60338.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	2.87	0.00	32.87
Chlorobenzene	0.73	0.63	0.83
o-Terphenyl	3.49	3.39	3.59

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69502/33 Calibration Date: 04/05/2011 15:21

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60350.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	59436	51732		1790	2060	-13.0	15.0
Chlorobenzene	Ave	35771	33855		5.92	6.25	-5.4	15.0
o-Terphenyl	Ave	60731	58677		6.04	6.25	-3.4	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69502/33 Calibration Date: 04/05/2011 15:21

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60350.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.62	0.00	32.87
Chlorobenzene	0.73	0.63	0.83
o-Terphenyl	3.49	3.39	3.59

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69502/45 Calibration Date: 04/05/2011 18:19

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60362.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	59436	50653		1750	2060	-14.8	15.0
Chlorobenzene	Ave	35771	34035		5.95	6.25	-4.9	15.0
o-Terphenyl	Ave	60731	57496		5.92	6.25	-5.3	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69502/45 Calibration Date: 04/05/2011 18:19

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60362.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.26	0.00	32.87
Chlorobenzene	0.73	0.62	0.82
o-Terphenyl	3.48	3.38	3.58

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69502/86 Calibration Date: 04/06/2011 05:06

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60403.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	59436	52056		1800	2060	-12.4	15.0
Chlorobenzene	Ave	35771	33696		5.89	6.25	-5.8	15.0
o-Terphenyl	Ave	60731	57755		5.94	6.25	-4.9	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69502/86 Calibration Date: 04/06/2011 05:06

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60403.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.26	0.00	32.87
Chlorobenzene	0.73	0.62	0.82
o-Terphenyl	3.48	3.38	3.58

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69502/97 Calibration Date: 04/06/2011 07:50

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60414.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	59436	52273		1810	2060	-12.1	15.0
Chlorobenzene	Ave	35771	35023		6.12	6.25	-2.1	15.0
o-Terphenyl	Ave	60731	58680		6.04	6.25	-3.4	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69502/97 Calibration Date: 04/06/2011 07:50

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60414.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	2.87	0.00	32.87
Chlorobenzene	0.73	0.62	0.82
o-Terphenyl	3.48	3.38	3.58

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69780/2 Calibration Date: 04/06/2011 10:43

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60426.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	59436	60370		2090	2060	1.6	15.0
Chlorobenzene	Ave	35771	34745		6.07	6.25	-2.9	15.0
o-Terphenyl	Ave	60731	58639		6.03	6.25	-3.4	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69780/2 Calibration Date: 04/06/2011 10:43

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60426.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	2.87	0.00	32.87
Chlorobenzene	0.72	0.62	0.82
o-Terphenyl	3.48	3.38	3.58

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69780/16 Calibration Date: 04/06/2011 14:17

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60440.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	59436	51128		1770	2060	-14.0	15.0
Chlorobenzene	Ave	35771	34648		6.05	6.25	-3.1	15.0
o-Terphenyl	Ave	60731	58379		6.01	6.25	-3.9	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69780/16 Calibration Date: 04/06/2011 14:17

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60440.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.26	0.00	32.87
Chlorobenzene	0.72	0.62	0.82
o-Terphenyl	3.48	3.38	3.58

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69832/7 Calibration Date: 04/07/2011 11:18

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60528.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	59436	53766		1860	2060	-9.5	15.0
Chlorobenzene	Ave	35771	36399		6.36	6.25	1.8	15.0
o-Terphenyl	Ave	60731	61298		6.31	6.25	0.9	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69832/7 Calibration Date: 04/07/2011 11:18

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60528.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.26	0.00	33.26
Chlorobenzene	0.72	0.62	0.82
o-Terphenyl	3.48	3.38	3.58

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69832/19 Calibration Date: 04/07/2011 14:07

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60540.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	59436	51750		1790	2060	-12.9	15.0
Chlorobenzene	Ave	35771	35828		6.26	6.25	0.2	15.0
o-Terphenyl	Ave	60731	60757		6.25	6.25	0.0	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69832/19 Calibration Date: 04/07/2011 14:07

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60540.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.26	0.00	33.26
Chlorobenzene	0.72	0.62	0.82
o-Terphenyl	3.48	3.38	3.58

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69832/21 Calibration Date: 04/07/2011 14:36

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60542.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	59436	53361		1850	2060	-10.2	15.0
Chlorobenzene	Ave	35771	35729		6.24	6.25	-0.1	15.0
o-Terphenyl	Ave	60731	60297		6.21	6.25	-0.7	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Lab Sample ID: CCV 460-69832/21 Calibration Date: 04/07/2011 14:36

Instrument ID: BNAGC1 Calib Start Date: 03/29/2011 18:32

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 03/29/2011 19:23

Lab File ID: gcr60542.d

Analyte	RT	RT WINDOW	
		TO	FROM
Total Petroleum Hydrocarbons (C8-C40)	3.26	0.00	33.26
Chlorobenzene	0.72	0.62	0.82
o-Terphenyl	3.48	3.38	3.58

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68954/1-A

Matrix: Solid Lab File ID: gcr60087.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.01(g) Date Analyzed: 04/02/2011 17:10

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69393 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		48-112
108-90-7	Chlorobenzene	67		32-106

Data File: gcr60087.d
Report Date: 04-Apr-2011 10:00

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/gcr60087.d
Lab Smp Id: MB 460-68954/1-A
Inj Date : 02-APR-2011 17:10
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : MB 460-68954/1-A
Misc Info :
Comment :
Method : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/QAM2009r.m
Meth Date : 04-Apr-2011 09:57 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 85 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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)	3.496	3.496	0.000	865430	14.2503	0.95(M)
$ 2 Chlorobenzene (sur)	0.732	0.731	0.001	479324	13.3999	0.89(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

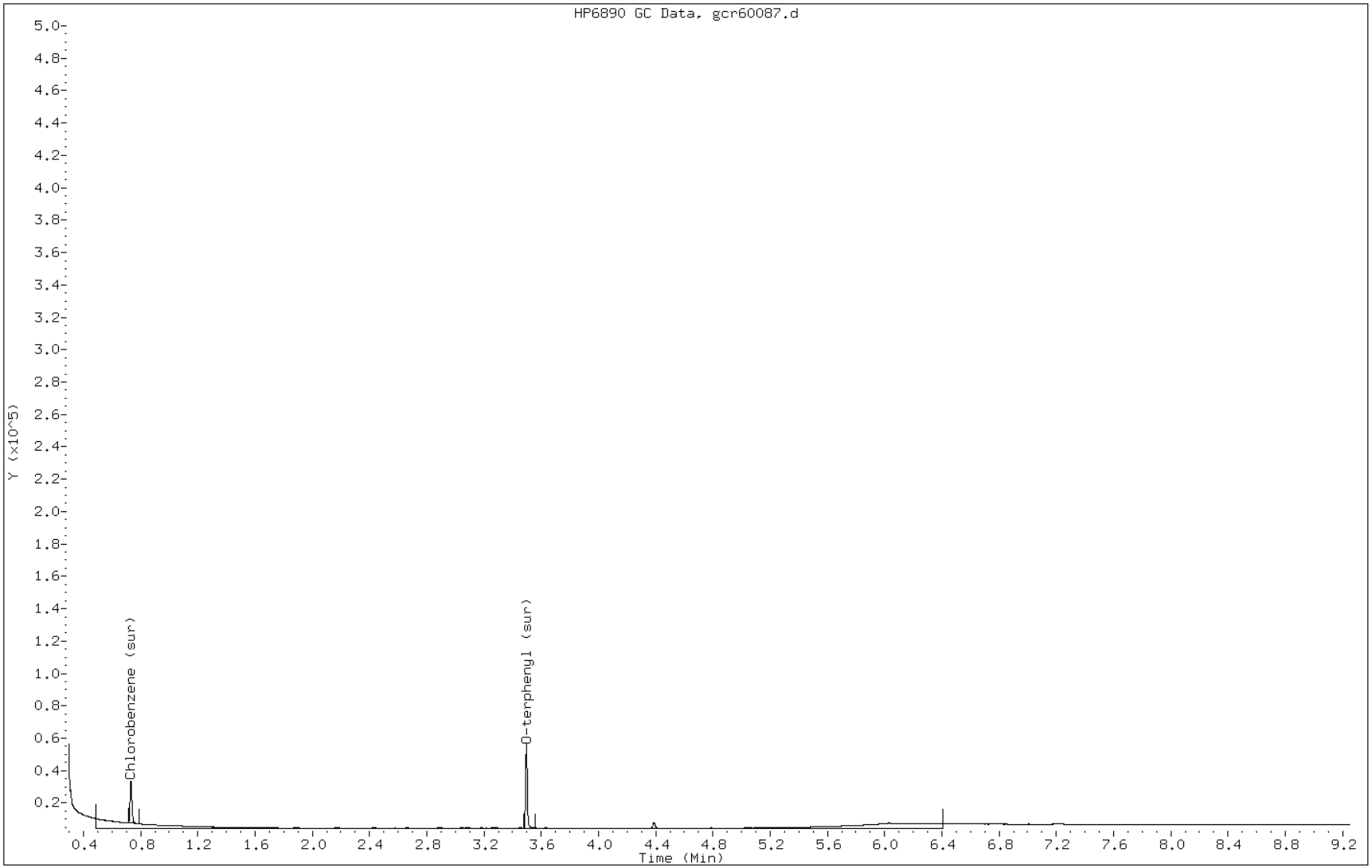
M - Compound response manually integrated.

Data File: gcr60087.d

Date: 02-APR-2011 17:10

Client ID: Instrument: BNAGC1.i

Sample Info: MB 460-68954/1-A Operator: BNAGC1



Manual Integration Report

Data File: gcr60087.d
Inj. Date and Time: 02-APR-2011 17:10
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 3.50

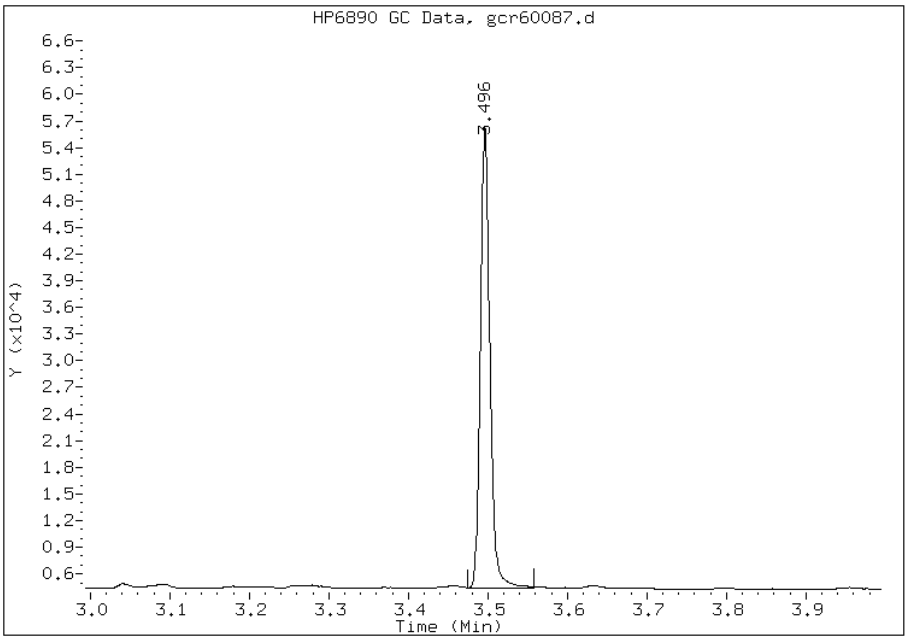
Manual Integration Results

RT: 3.50

Response: 865430

Amount: 14.25

Conc: 0.95



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60087.d
Inj. Date and Time: 02-APR-2011 17:10
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

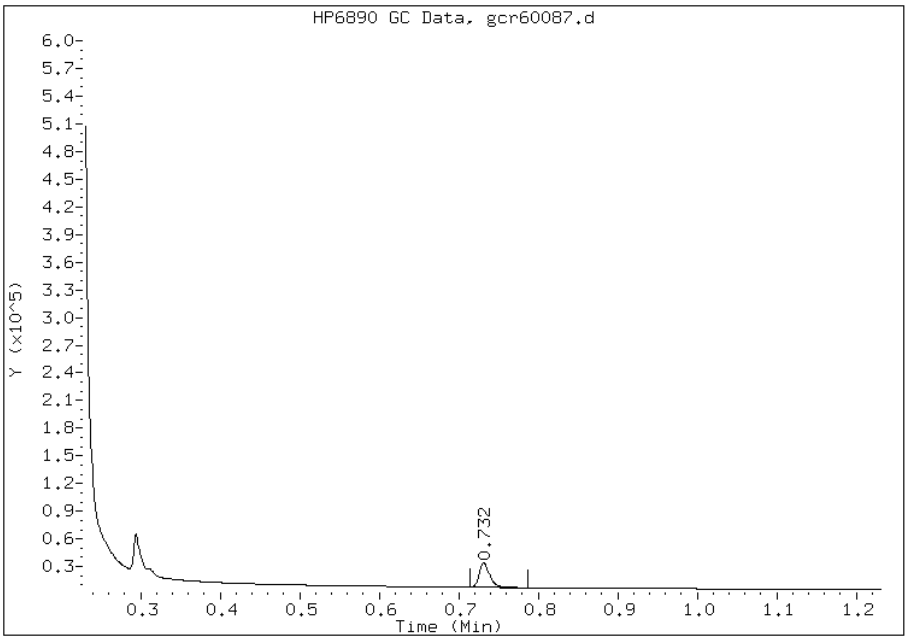
Manual Integration Results

RT: 0.73

Response: 479324

Amount: 13.40

Conc: 0.89



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-68966/1-A

Matrix: Solid Lab File ID: gcr60077.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.00(g) Date Analyzed: 04/02/2011 14:47

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69393 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		48-112
108-90-7	Chlorobenzene	65		32-106

Data File: gcr60077.d
Report Date: 04-Apr-2011 09:57

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/gcr60077.d
Lab Smp Id: MB 460-68966/1-A
Inj Date : 02-APR-2011 14:47
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : MB 460-68966/1-A
Misc Info :
Comment   :
Method   : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/QAM2009r.m
Meth Date : 03-Apr-2011 11:40 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 79 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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)	3.496	3.496	0.000	861648	14.1880	0.94(M)
$ 2 Chlorobenzene (sur)	0.732	0.734	-0.002	465281	13.0073	0.87(M)
3 TPH	Compound Not Detected.					

QC Flag Legend

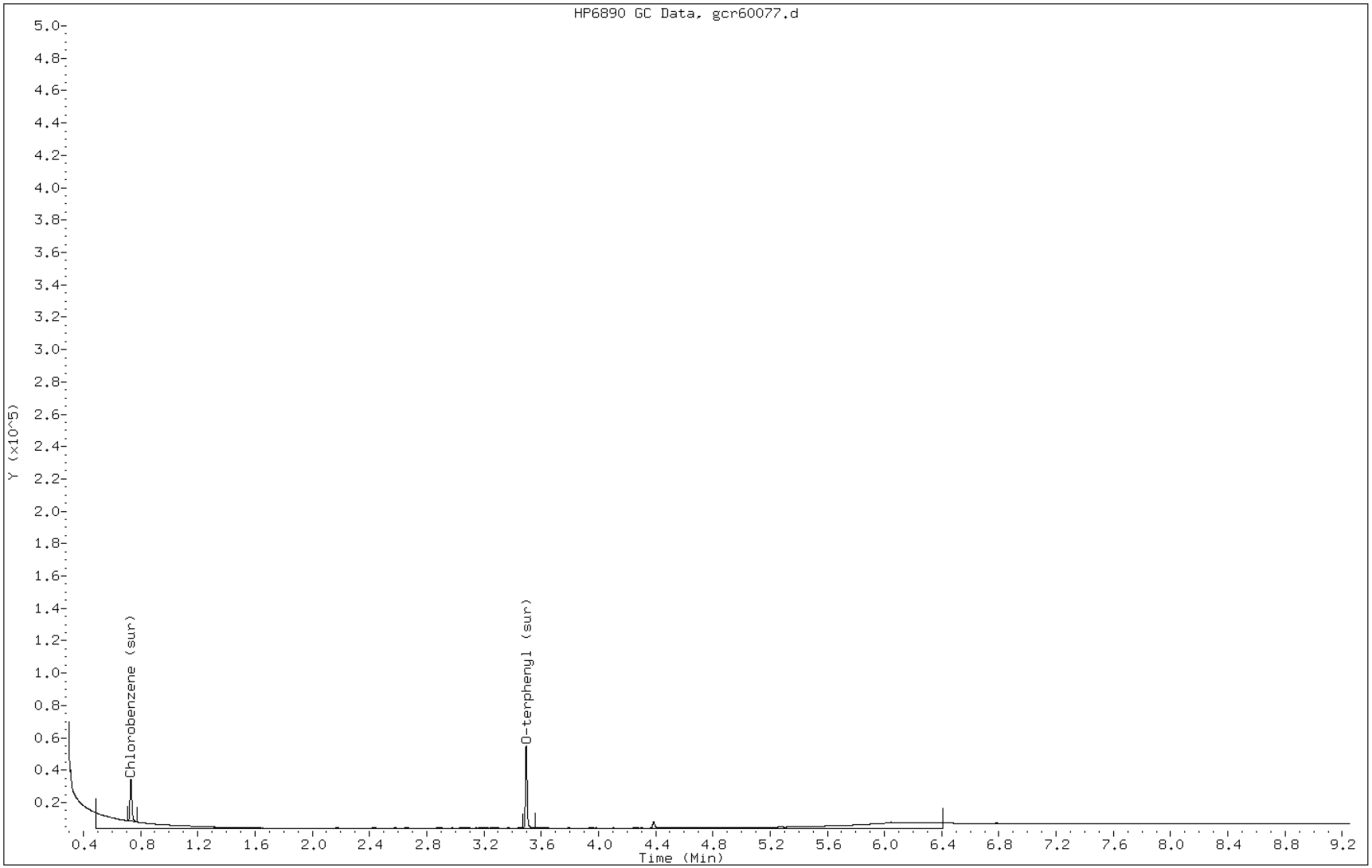
M - Compound response manually integrated.

Data File: gcr60077.d

Date: 02-APR-2011 14:47

Client ID: Instrument: BNAGC1.i

Sample Info: MB 460-68966/1-A Operator: BNAGC1



Manual Integration Report

Data File: gcr60077.d
Inj. Date and Time: 02-APR-2011 14:47
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 3.50

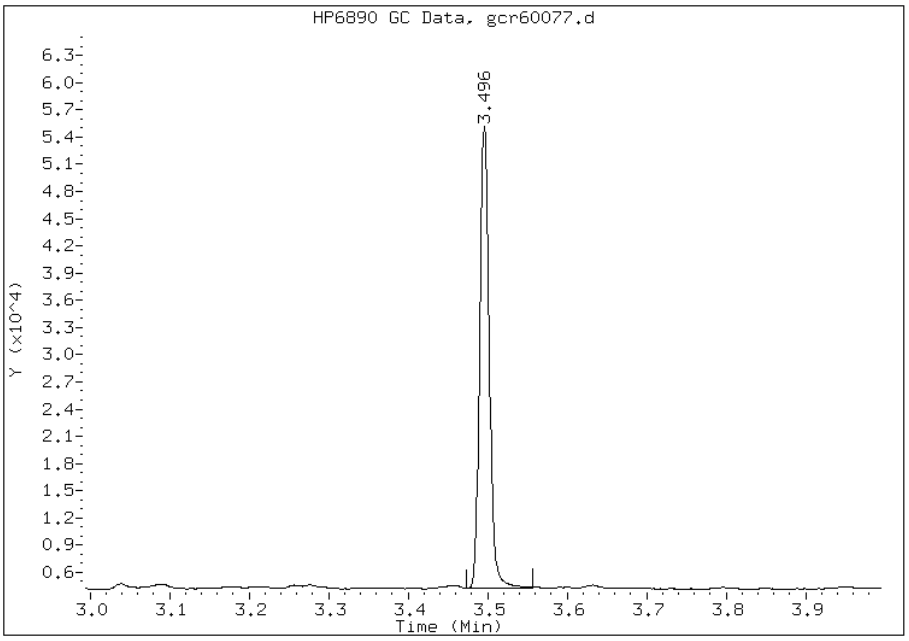
Manual Integration Results

RT: 3.50

Response: 861648

Amount: 14.19

Conc: 0.95



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60077.d
Inj. Date and Time: 02-APR-2011 14:47
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

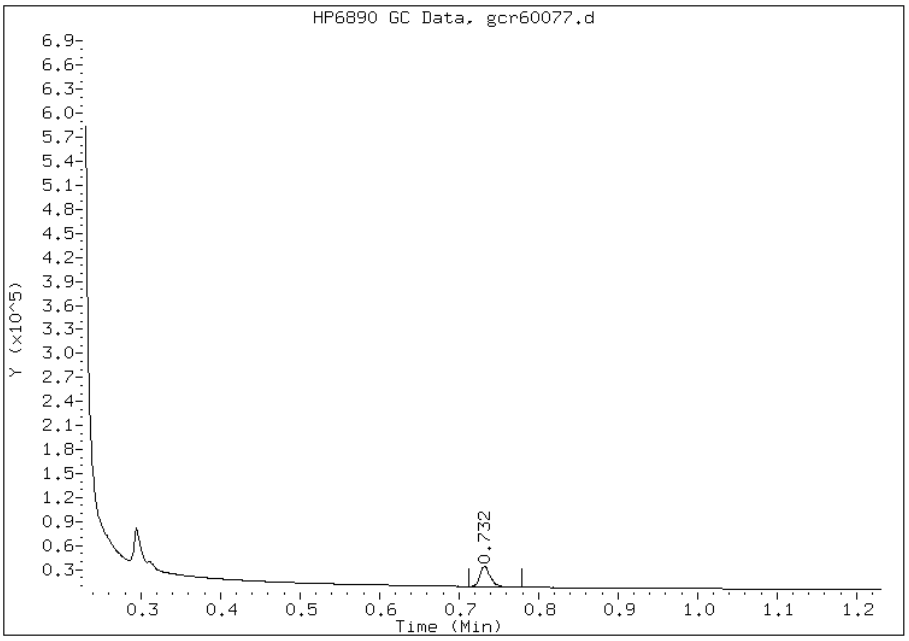
Manual Integration Results

RT: 0.73

Response: 465281

Amount: 13.01

Conc: 0.87



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-68954/2-A

Matrix: Solid Lab File ID: gcr60534.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.00(g) Date Analyzed: 04/07/2011 12:48

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69832 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	92.4		5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	84		48-112
108-90-7	Chlorobenzene	55		32-106

Data File: gcr60534.d
Report Date: 07-Apr-2011 13:54

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-07-11/07apr11a.b/gcr60534.d
Lab Smp Id: LCS 460-68954/2-A
Inj Date : 07-APR-2011 12:48
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : LCS 460-68954/2-A
Misc Info :
Comment :
Method : /chem/BNAGC1.i/QAM2010/rear/04-07-11/07apr11a.b/QAM2009r.m
Meth Date : 07-Apr-2011 13:53 patelhe Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 26 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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	14.24051	% 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)	3.479	3.480	-0.001	1019691	16.7903	1.3(M)
$ 2 Chlorobenzene (sur)	0.719	0.721	-0.002	391907	10.9560	0.85(M)
3 TPH	3.068	3.261	-0.193	82344357	1385.43	108(M)

QC Flag Legend

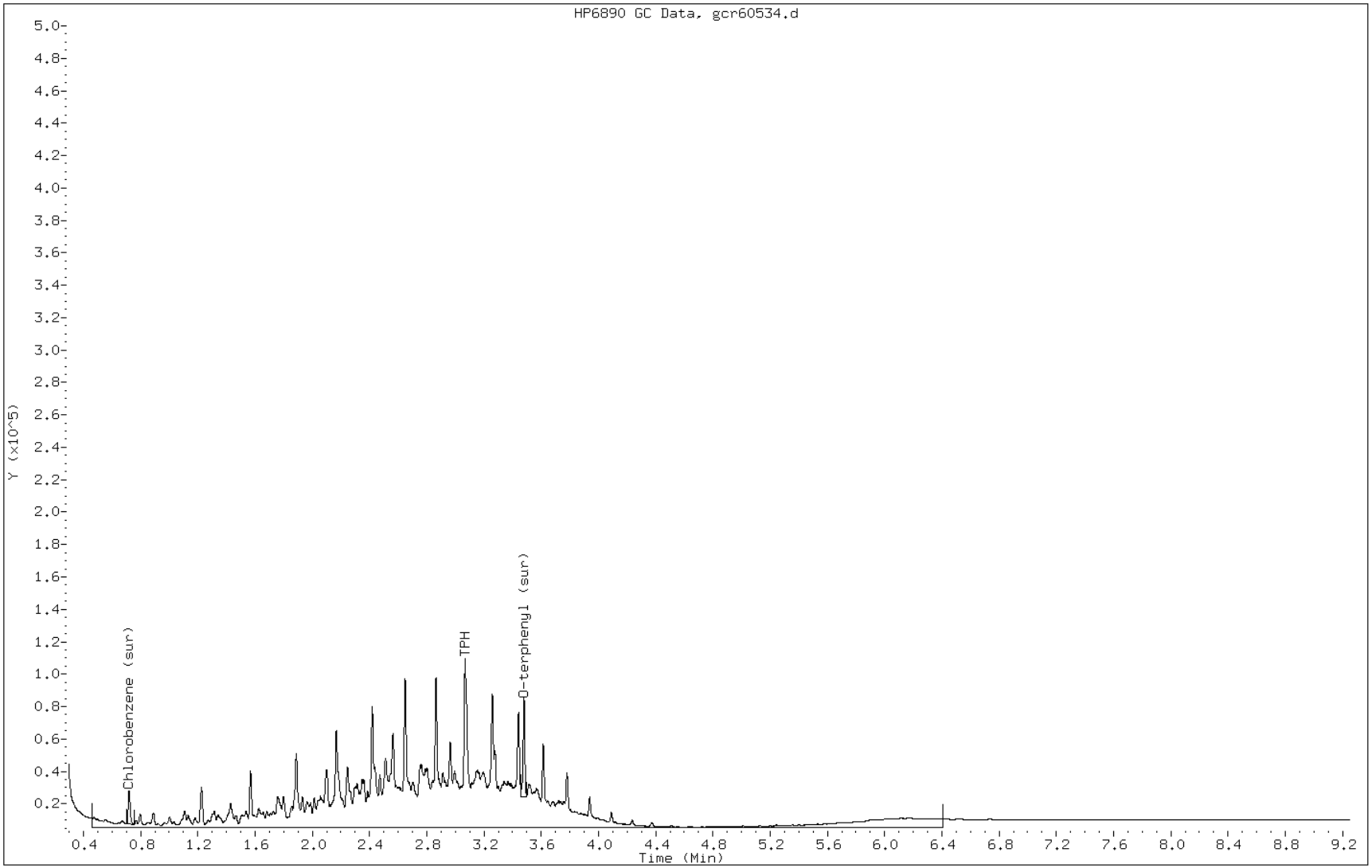
M - Compound response manually integrated.

Data File: gcr60534.d

Date: 07-APR-2011 12:48

Client ID: Instrument: BNAGC1.i

Sample Info: LCS 460-68954/2-A Operator: BNAGC1



Manual Integration Report

Data File: gcr60534.d
Inj. Date and Time: 07-APR-2011 12:48
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/07/2011

Processing Integration Results

Not Detected

Expected RT: 3.48

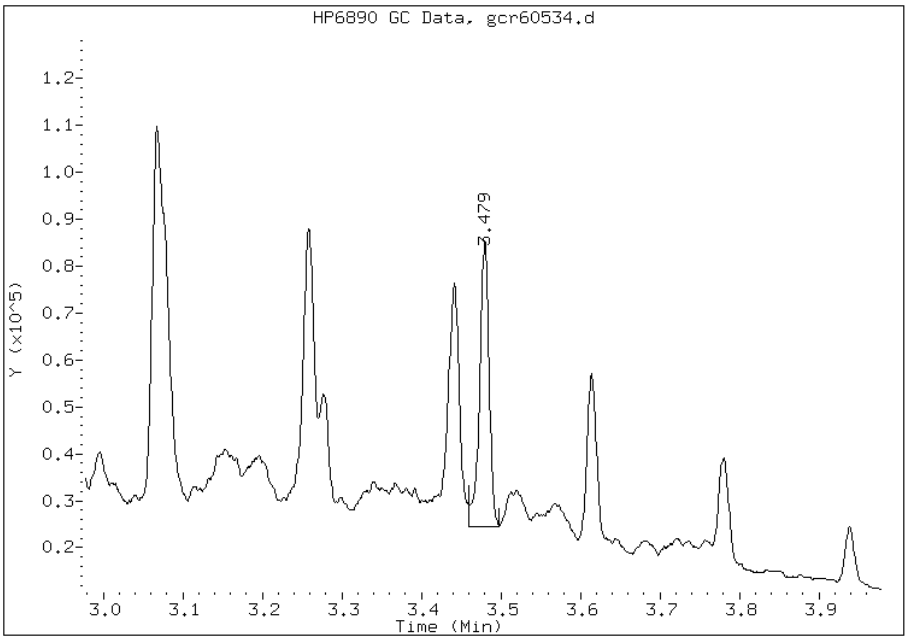
Manual Integration Results

RT: 3.48

Response: 1019691

Amount: 16.79

Conc: 1.31



Manually Integrated By: patelhe
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: gcr60534.d
Inj. Date and Time: 07-APR-2011 12:48
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/07/2011

Processing Integration Results

Not Detected

Expected RT: 0.72

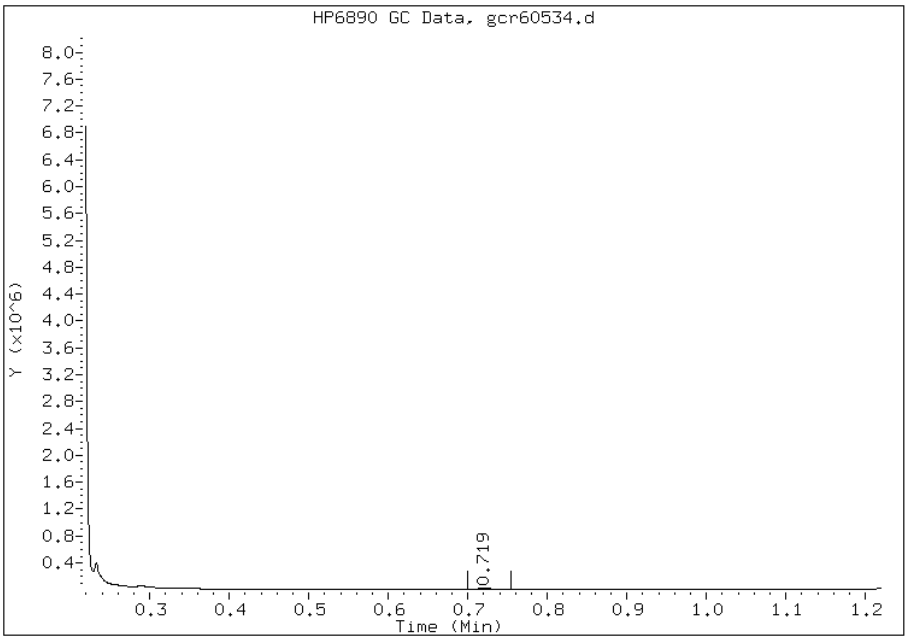
Manual Integration Results

RT: 0.72

Response: 391907

Amount: 10.96

Conc: 0.85



Manually Integrated By: patelhe
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-68966/2-A

Matrix: Solid Lab File ID: gcr60078.d

Analysis Method: NJ-OQA-QAM-025 Date Collected:

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.00(g) Date Analyzed: 04/02/2011 14:59

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 69393 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	76.2		5.5	5.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	75		48-112
108-90-7	Chlorobenzene	55		32-106

Data File: gcr60078.d
Report Date: 04-Apr-2011 09:58

TestAmerica

Data file : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/gcr60078.d
Lab Smp Id: LCS 460-68966/2-A
Inj Date : 02-APR-2011 14:59
Operator : BNAGC1 Inst ID: BNAGC1.i
Smp Info : LCS 460-68966/2-A
Misc Info :
Comment :
Method : /chem/BNAGC1.i/QAM2010/rear/04-01-11/01apr11a.b/QAM2009r.m
Meth Date : 04-Apr-2011 09:57 yip Quant Type: ESTD
Cal Date : 29-MAR-2011 19:23 Cal File: gcr59698.d
Als bottle: 80 QC Sample: BS
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: MWTPH.sub
Target Version: 3.50
Processing Host: hpd3

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)	3.495	3.496	-0.001	909809	14.9810	1.00(M)
$ 2 Chlorobenzene (sur)	0.732	0.731	0.001	395520	11.0571	0.74(M)
3 TPH	3.082	3.274	-0.192	67938251	1143.05	76.2(M)

QC Flag Legend

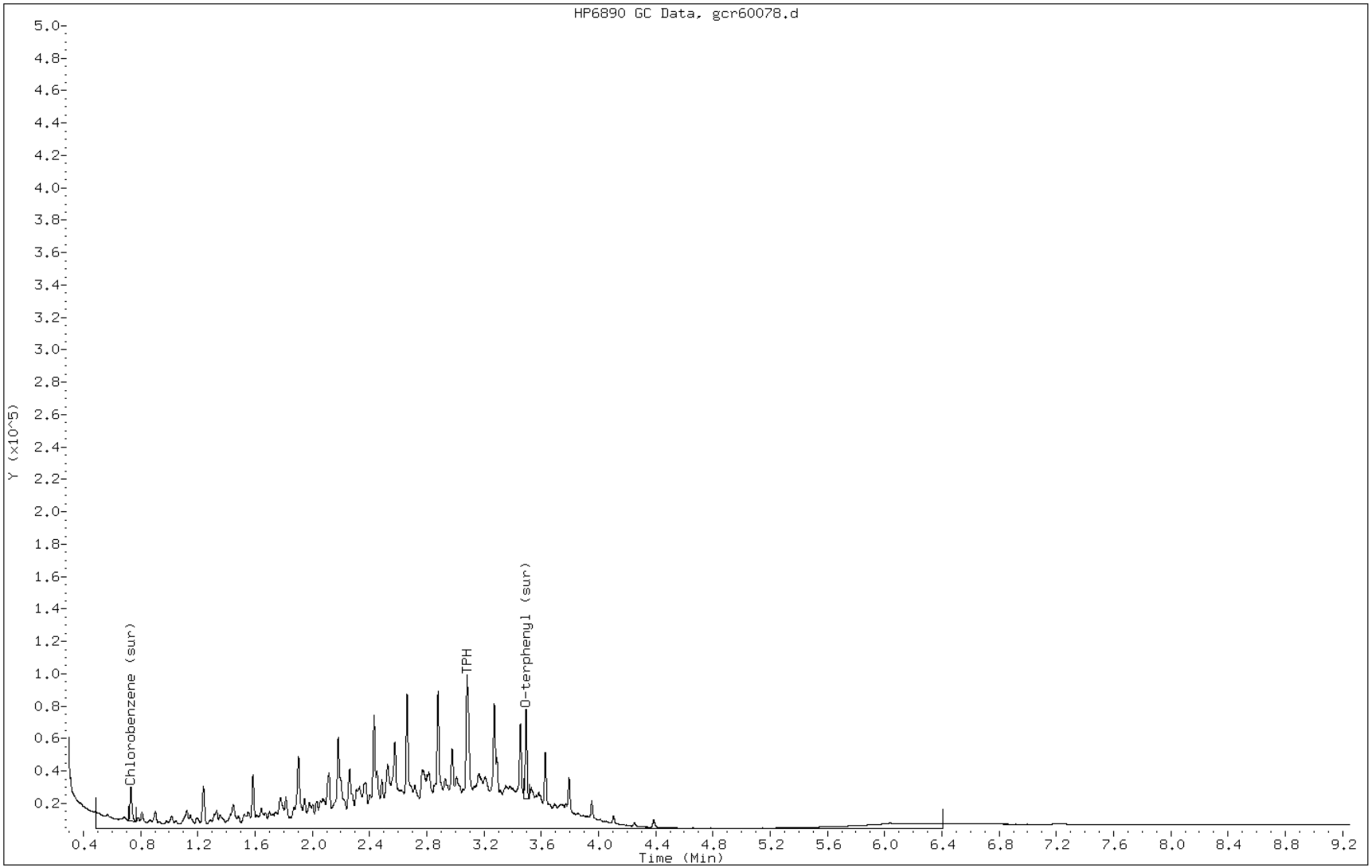
M - Compound response manually integrated.

Data File: gcr60078.d

Date: 02-APR-2011 14:59

Client ID: Instrument: BNAGC1.i

Sample Info: LCS 460-68966/2-A Operator: BNAGC1



Manual Integration Report

Data File: gcr60078.d
Inj. Date and Time: 02-APR-2011 14:59
Instrument ID: BNAGC1.i
Client ID:
Compound: 1 O-terphenyl (sur)
CAS #: 84-15-1
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 3.50

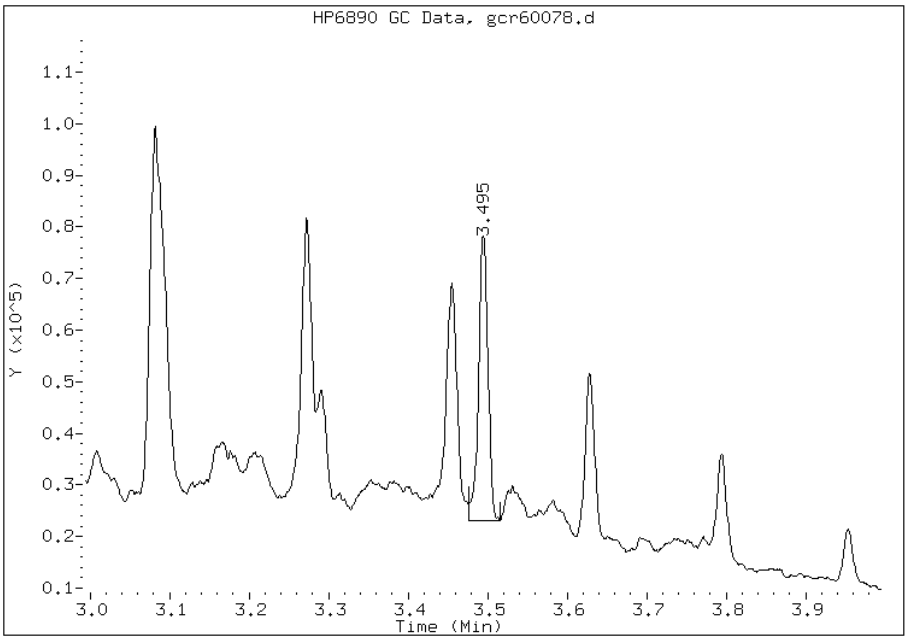
Manual Integration Results

RT: 3.50

Response: 909809

Amount: 14.98

Conc: 1.00



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: gcr60078.d
Inj. Date and Time: 02-APR-2011 14:59
Instrument ID: BNAGC1.i
Client ID:
Compound: 2 Chlorobenzene (sur)
CAS #: 108-90-7
Report Date: 04/04/2011

Processing Integration Results

Not Detected

Expected RT: 0.73

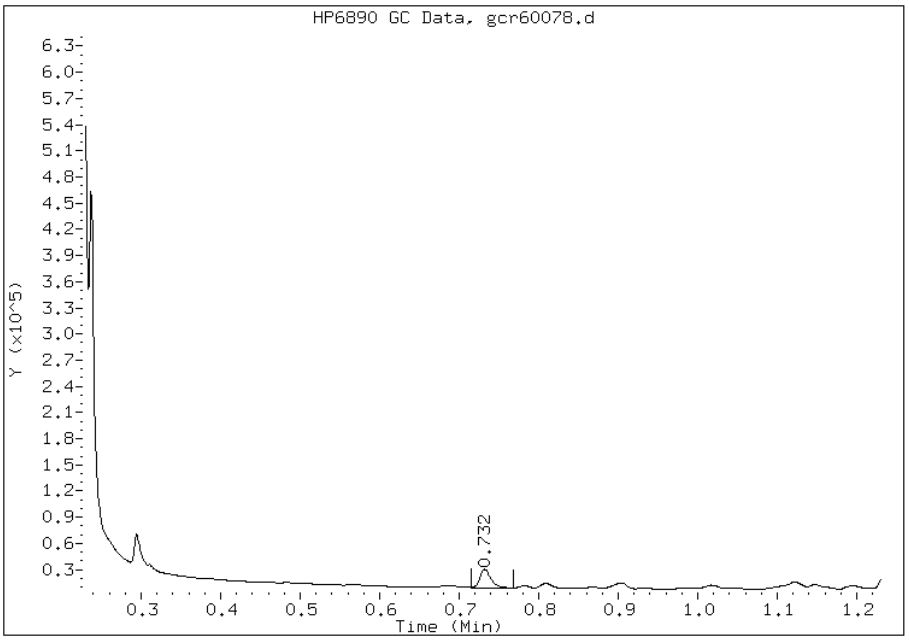
Manual Integration Results

RT: 0.73

Response: 395520

Amount: 11.06

Conc: 0.74



Manually Integrated By: yip
Manual Integration Reason: Analyte not Identified by the Data System

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5-VD-E (3.5-4) MS Lab Sample ID: 460-24280-17 MS

Matrix: Solid Lab File ID: gcr60433.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 11:55

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.03(g) Date Analyzed: 04/06/2011 12:27

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 3.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69780 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	95.8		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	99		48-112
108-90-7	Chlorobenzene	78		32-106

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison | Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5-WT-E (8-8.5) MS | Lab Sample ID: 460-24280-18 MS

Matrix: Solid | Lab File ID: gcr60342.d

Analysis Method: NJ-OQA-QAM-025 | Date Collected: 03/17/2011 12:00

Extraction Method: 3546 | Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.04(g) | Date Analyzed: 04/05/2011 13:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.6 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 69502 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	512		29	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	112		48-112
108-90-7	Chlorobenzene	70		32-106

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5-VD-E (3.5-4) MSD Lab Sample ID: 460-24280-17 MSD

Matrix: Solid Lab File ID: gcr60434.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 11:55

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.02(g) Date Analyzed: 04/06/2011 12:39

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 3.4 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69780 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	100		5.7	5.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	101		48-112
108-90-7	Chlorobenzene	77		32-106

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Client Sample ID: PMP-5-WT-E (8-8.5) MSD Lab Sample ID: 460-24280-18 MSD

Matrix: Solid Lab File ID: gcr60343.d

Analysis Method: NJ-OQA-QAM-025 Date Collected: 03/17/2011 12:00

Extraction Method: 3546 Date Extracted: 03/30/2011 10:00

Sample wt/vol: 15.02(g) Date Analyzed: 04/05/2011 13:44

Con. Extract Vol.: 1(mL) Dilution Factor: 5

Injection Volume: 1(uL) GC Column: Rtx-5MS ID: 0.25(mm)

% Moisture: 5.6 GPC Cleanup:(Y/N) N

Analysis Batch No.: 69502 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
STL00303	Total Petroleum Hydrocarbons (C8-C40)	608		29	29

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	113	X	48-112
108-90-7	Chlorobenzene	70		32-106

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 03/29/2011 17:39

Analysis Batch Number: 68891 End Date: 03/29/2011 19:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-68891/1		03/29/2011 17:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/29/2011 17:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		03/29/2011 18:17	1		Rtx-5MS 0.25(mm)
IC 460-68891/4		03/29/2011 18:32	1	gcr59694.d	Rtx-5MS 0.25(mm)
IC 460-68891/5		03/29/2011 18:45	1	gcr59695.d	Rtx-5MS 0.25(mm)
IC 460-68891/6		03/29/2011 19:00	1	gcr59696.d	Rtx-5MS 0.25(mm)
IC 460-68891/7		03/29/2011 19:14	1	gcr59697.d	Rtx-5MS 0.25(mm)
IC 460-68891/8		03/29/2011 19:23	1	gcr59698.d	Rtx-5MS 0.25(mm)
ICV 460-68891/9		03/29/2011 19:37	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 04/01/2011 10:37

Analysis Batch Number: 69393 End Date: 04/03/2011 09:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-69393/1		04/01/2011 10:37	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/2		04/01/2011 10:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 11:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 11:32	1		Rtx-5MS 0.25(mm)
CCV 460-69393/5		04/01/2011 11:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 12:01	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 12:14	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 12:29	10		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 12:44	10		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 12:55	20		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 13:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 13:18	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/13		04/01/2011 13:33	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/14		04/01/2011 13:46	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 13:56	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 14:25	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 14:38	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 14:53	1		Rtx-5MS 0.25(mm)
CCV 460-69393/19		04/01/2011 15:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 15:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 15:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 15:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 16:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 16:16	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/25		04/01/2011 16:31	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/26		04/01/2011 16:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 16:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 17:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 17:25	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 17:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 17:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 18:06	1		Rtx-5MS 0.25(mm)
CCV 460-69393/33		04/01/2011 18:29	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 18:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 18:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 19:11	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 19:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 19:37	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/39		04/01/2011 19:52	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/40		04/01/2011 20:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 20:20	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 20:34	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 20:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 21:03	1		Rtx-5MS 0.25(mm)
CCV 460-69393/45		04/01/2011 21:14	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 04/01/2011 10:37

Analysis Batch Number: 69393 End Date: 04/03/2011 09:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-69393/51		04/01/2011 21:29	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/52		04/01/2011 21:43	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/53		04/01/2011 21:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 22:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 22:35	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 22:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 23:00	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 23:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 23:28	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 23:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/01/2011 23:58	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 00:11	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 00:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 00:40	1		Rtx-5MS 0.25(mm)
CCV 460-69393/46		04/02/2011 00:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 01:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 01:20	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 01:30	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 01:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 01:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 02:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 02:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 02:41	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/62		04/02/2011 03:08	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/63		04/02/2011 03:20	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 03:35	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 03:46	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 04:01	1		Rtx-5MS 0.25(mm)
CCV 460-69393/67		04/02/2011 04:16	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 04:25	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 04:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 04:53	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 05:08	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 05:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 05:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 05:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 06:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 06:19	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 06:34	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 06:47	1		Rtx-5MS 0.25(mm)
CCV 460-69393/86		04/02/2011 07:02	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 07:24	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 07:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 07:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 08:07	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 04/01/2011 10:37

Analysis Batch Number: 69393 End Date: 04/03/2011 09:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/02/2011 08:14	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 08:29	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 08:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 09:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 09:19	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/96		04/02/2011 09:28	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/97		04/02/2011 09:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 09:58	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 10:10	1		Rtx-5MS 0.25(mm)
CCV 460-69393/100		04/02/2011 10:25	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 10:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 10:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 11:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 11:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 11:34	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 11:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 12:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 12:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 12:44	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 12:58	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 13:02	1		Rtx-5MS 0.25(mm)
CCV 460-69393/112		04/02/2011 13:13	1	gcr60071.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 13:28	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 13:51	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 14:06	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/116		04/02/2011 14:18	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/117		04/02/2011 14:32	1		Rtx-5MS 0.25(mm)
MB 460-68966/1-A		04/02/2011 14:47	1	gcr60077.d	Rtx-5MS 0.25(mm)
LCS 460-68966/2-A		04/02/2011 14:59	1	gcr60078.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 15:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 15:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 15:47	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 15:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 16:18	1		Rtx-5MS 0.25(mm)
CCV 460-69393/125		04/02/2011 16:26	1	gcr60084.d	Rtx-5MS 0.25(mm)
RINSE 460-69393/126		04/02/2011 16:44	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/127		04/02/2011 16:59	1		Rtx-5MS 0.25(mm)
MB 460-68954/1-A		04/02/2011 17:10	1	gcr60087.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 17:25	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 17:38	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 17:53	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 18:08	1		Rtx-5MS 0.25(mm)
460-24280-1	PMP-25-VS-E (1-3)	04/02/2011 18:16	1	gcr60092.d	Rtx-5MS 0.25(mm)
460-24280-2	PMP-25-VD-E (3-5)	04/02/2011 18:31	1	gcr60093.d	Rtx-5MS 0.25(mm)
460-24280-3	PMP-25-WT-E (7.5-9.5)	04/02/2011 18:57	1	gcr60094.d	Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 04/01/2011 10:37

Analysis Batch Number: 69393 End Date: 04/03/2011 09:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
460-24280-4	PMP-21-VD-E (3.5-4)	04/02/2011 19:05	1	gcr60095.d	Rtx-5MS 0.25(mm)
460-24280-5	PMP-21-WT-E (8-8.5)	04/02/2011 19:15	1	gcr60096.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 19:30	1		Rtx-5MS 0.25(mm)
CCV 460-69393/139		04/02/2011 19:45	1	gcr60098.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 20:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 20:25	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 20:36	1		Rtx-5MS 0.25(mm)
460-24280-9	PMP-1-SI-E (10.5-11.0)	04/02/2011 20:51	1	gcr60102.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 21:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 21:20	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/146		04/02/2011 21:31	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/147		04/02/2011 21:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 22:00	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 22:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 22:30	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 22:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 22:58	1		Rtx-5MS 0.25(mm)
CCV 460-69393/153		04/02/2011 23:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 23:23	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 23:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/02/2011 23:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 00:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 00:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 00:33	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 00:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 01:02	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/162		04/03/2011 01:14	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 01:25	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/163		04/03/2011 01:29	1		Rtx-5MS 0.25(mm)
CCV 460-69393/167		04/03/2011 01:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 01:44	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 01:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 01:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 03:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 03:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 03:30	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 03:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 04:00	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 04:08	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/175		04/03/2011 04:23	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/176		04/03/2011 04:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 05:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 05:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 05:31	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 04/01/2011 10:37

Analysis Batch Number: 69393 End Date: 04/03/2011 09:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/03/2011 05:46	1		Rtx-5MS 0.25(mm)
CCV 460-69393/181		04/03/2011 05:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 06:12	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/183		04/03/2011 06:22	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/184		04/03/2011 06:33	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 06:48	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 07:03	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/187		04/03/2011 07:17	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/188		04/03/2011 07:43	1		Rtx-5MS 0.25(mm)
RINSE 460-69393/189		04/03/2011 07:57	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 08:10	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 08:25	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 08:35	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 08:50	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 09:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 09:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/03/2011 09:36	1		Rtx-5MS 0.25(mm)
CCV 460-69393/197		04/03/2011 09:50	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 04/05/2011 07:25

Analysis Batch Number: 69502 End Date: 04/06/2011 23:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-69502/1		04/05/2011 07:25	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/2		04/05/2011 07:40	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/3		04/05/2011 08:07	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/4		04/05/2011 08:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 08:32	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 08:46	1		Rtx-5MS 0.25(mm)
CCV 460-69502/7		04/05/2011 08:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 09:14	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 09:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 09:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 09:55	10		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 10:10	2		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 10:20	20		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 10:35	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 10:49	50		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 11:14	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/17		04/05/2011 11:29	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/18		04/05/2011 11:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 11:53	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 12:08	1		Rtx-5MS 0.25(mm)
CCV 460-69502/21		04/05/2011 12:25	1	gcr60338.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 12:35	50		Rtx-5MS 0.25(mm)
460-24280-18	PMP-5-WT-E (8-8.5)	04/05/2011 12:49	5	gcr60340.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 13:17	20		Rtx-5MS 0.25(mm)
460-24280-18 MS	PMP-5-WT-E (8-8.5) MS	04/05/2011 13:29	5	gcr60342.d	Rtx-5MS 0.25(mm)
460-24280-18 MSD	PMP-5-WT-E (8-8.5) MSD	04/05/2011 13:44	5	gcr60343.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 13:58	20		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 14:05	20		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 14:27	5		Rtx-5MS 0.25(mm)
460-24280-10	PMP-24-VS-E (1-3)	04/05/2011 14:39	5	gcr60347.d	Rtx-5MS 0.25(mm)
460-24280-11	PMP-24-VD-E (4.5-6.5)	04/05/2011 14:54	20	gcr60348.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 15:06	1		Rtx-5MS 0.25(mm)
CCV 460-69502/33		04/05/2011 15:21	1	gcr60350.d	Rtx-5MS 0.25(mm)
460-24280-12	PMP-24-WT-E (6.5-8.5)	04/05/2011 15:36	5	gcr60351.d	Rtx-5MS 0.25(mm)
460-24280-13	PMP-24-SI-E (10.5-12.5)	04/05/2011 15:45	5	gcr60352.d	Rtx-5MS 0.25(mm)
460-24280-14	PMP-2-VD-E (3.5-4.0)	04/05/2011 16:02	2	gcr60353.d	Rtx-5MS 0.25(mm)
460-24280-15	PMP-2WT-E (8.0-8.5)	04/05/2011 16:16	20	gcr60354.d	Rtx-5MS 0.25(mm)
460-24280-16	PMP-2-SI-E (10.5-11.0)	04/05/2011 16:41	5	gcr60355.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 16:55	50		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 17:10	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 17:25	100		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 17:35	50		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 17:40	20		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 04/05/2011 07:25

Analysis Batch Number: 69502 End Date: 04/06/2011 23:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/05/2011 18:04	1		Rtx-5MS 0.25(mm)
CCV 460-69502/45		04/05/2011 18:19	1	gcr60362.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 18:31	25		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 18:46	50		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 19:00	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 19:10	20		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 19:28	10		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 19:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 19:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 20:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 20:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 20:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 21:03	1		Rtx-5MS 0.25(mm)
CCV 460-69502/57		04/05/2011 21:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 21:29	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 21:44	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 21:59	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 22:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 22:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 22:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/05/2011 22:45	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/65		04/05/2011 23:00	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 00:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 00:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 00:32	1		Rtx-5MS 0.25(mm)
CCV 460-69502/72		04/06/2011 00:47	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 00:58	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 01:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 01:35	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/76		04/06/2011 01:49	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/77		04/06/2011 02:04	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 02:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 02:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 02:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 02:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 04:16	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 04:27	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 04:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 04:56	1		Rtx-5MS 0.25(mm)
CCV 460-69502/86		04/06/2011 05:06	1	gcr60403.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 05:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 05:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 05:58	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 06:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 06:26	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 04/05/2011 07:25

Analysis Batch Number: 69502 End Date: 04/06/2011 23:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/06/2011 06:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 06:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 07:05	20		Rtx-5MS 0.25(mm)
460-24280-19	PMP-5SI-E (10.5-11)	04/06/2011 07:20	5	gcr60412.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 07:35	1		Rtx-5MS 0.25(mm)
CCV 460-69502/97		04/06/2011 07:50	1	gcr60414.d	Rtx-5MS 0.25(mm)
RINSE 460-69502/98		04/06/2011 08:05	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 08:15	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 08:29	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 08:44	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 09:12	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 09:24	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/104		04/06/2011 09:39	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/105		04/06/2011 09:54	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 10:06	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 10:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 10:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 10:43	1		Rtx-5MS 0.25(mm)
RINSE 460-69502/66		04/06/2011 23:14	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 23:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 23:55	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 04/06/2011 10:36

Analysis Batch Number: 69780 End Date: 04/07/2011 23:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/06/2011 10:36	1		Rtx-5MS 0.25(mm)
CCV 460-69780/2		04/06/2011 10:43	1	gcr60426.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 10:58	25		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 11:13	50		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 11:35	5		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 11:50	20		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 12:05	10		Rtx-5MS 0.25(mm)
460-24280-17	PMP-5-VD-E (3.5-4)	04/06/2011 12:12	1	gcr60432.d	Rtx-5MS 0.25(mm)
460-24280-17 MS	PMP-5-VD-E (3.5-4) MS	04/06/2011 12:27	1	gcr60433.d	Rtx-5MS 0.25(mm)
460-24280-17 MSD	PMP-5-VD-E (3.5-4) MSD	04/06/2011 12:39	1	gcr60434.d	Rtx-5MS 0.25(mm)
RINSE 460-69780/11		04/06/2011 12:54	1		Rtx-5MS 0.25(mm)
RINSE 460-69780/12		04/06/2011 13:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 13:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 13:49	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 14:02	1		Rtx-5MS 0.25(mm)
CCV 460-69780/16		04/06/2011 14:17	1	gcr60440.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 14:31	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 14:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 14:56	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 15:11	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 15:24	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 15:39	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 15:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 16:07	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 16:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 16:34	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 16:54	1		Rtx-5MS 0.25(mm)
CCV 460-69780/28		04/06/2011 17:08	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 17:22	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 17:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 17:48	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 18:03	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 18:18	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 18:28	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 18:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 19:09	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 19:23	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 19:26	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 19:41	1		Rtx-5MS 0.25(mm)
CCV 460-69780/40		04/06/2011 19:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 20:21	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 20:30	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 20:45	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 20:56	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 04/06/2011 10:36

Analysis Batch Number: 69780 End Date: 04/07/2011 23:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/06/2011 21:13	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 21:28	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 21:42	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 21:57	1		Rtx-5MS 0.25(mm)
RINSE 460-69780/49		04/06/2011 22:11	1		Rtx-5MS 0.25(mm)
RINSE 460-69780/50		04/06/2011 22:26	1		Rtx-5MS 0.25(mm)
RINSE 460-69780/51		04/06/2011 22:40	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/06/2011 22:55	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 00:02	1		Rtx-5MS 0.25(mm)
CCV 460-69780/58		04/07/2011 00:17	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 23:06	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 23:21	1		Rtx-5MS 0.25(mm)
CCV 460-69780/55		04/07/2011 23:36	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 23:47	1		Rtx-5MS 0.25(mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: BNAGC1 Start Date: 04/07/2011 09:53

Analysis Batch Number: 69832 End Date: 04/07/2011 14:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-69832/1		04/07/2011 09:53	1		Rtx-5MS 0.25(mm)
RINSE 460-69832/2		04/07/2011 10:07	1		Rtx-5MS 0.25(mm)
RINSE 460-69832/3		04/07/2011 10:18	1		Rtx-5MS 0.25(mm)
RINSE 460-69832/4		04/07/2011 10:37	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 10:52	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 11:03	1		Rtx-5MS 0.25(mm)
CCV 460-69832/7		04/07/2011 11:18	1	gcr60528.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 11:33	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 11:41	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 11:56	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 12:11	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 12:37	1		Rtx-5MS 0.25(mm)
LCS 460-68954/2-A		04/07/2011 12:48	1	gcr60534.d	Rtx-5MS 0.25(mm)
460-24280-6	PMP-21-SI-E (10.5-11)	04/07/2011 13:03	1	gcr60535.d	Rtx-5MS 0.25(mm)
460-24280-7	PMP-1-VD-E (3.5-4.0)	04/07/2011 13:17	1	gcr60536.d	Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 13:29	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 13:43	1		Rtx-5MS 0.25(mm)
ZZZZZ		04/07/2011 13:58	1		Rtx-5MS 0.25(mm)
CCV 460-69832/19		04/07/2011 14:07	1	gcr60540.d	Rtx-5MS 0.25(mm)
460-24280-8	PMP-1-WT-E (8-8.5)	04/07/2011 14:22	1	gcr60541.d	Rtx-5MS 0.25(mm)
CCV 460-69832/21		04/07/2011 14:36	1	gcr60542.d	Rtx-5MS 0.25(mm)

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Batch Number: 68954 Batch Start Date: 03/30/11 10:00 Batch Analyst: Masongo, Charles

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_QAMBS 00019	OPQAMMS/SD 00017	OPQAMSU 00016	
MB 460-68954/1		3546, NJ-OQA-QAM-025		15.01 g	1 mL			1 mL	
LCS 460-68954/2		3546, NJ-OQA-QAM-025		15.00 g	1 mL	1 mL		1 mL	
460-24280-F-17 MS	PMP-5-VD-E (3.5-4)	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL		1 mL	1 mL	
460-24280-F-17 MSD	PMP-5-VD-E (3.5-4)	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL		1 mL	1 mL	
460-24280-F-1	PMP-25-VS-E (1-3)	3546, NJ-OQA-QAM-025	T	15.04 g	1 mL			1 mL	
460-24280-F-2	PMP-25-VD-E (3-5)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-24280-F-3	PMP-25-WT-E (7.5-9.5)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-24280-F-4	PMP-21-VD-E (3.5-4)	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	
460-24280-F-5	PMP-21-WT-E (8-8.5)	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL			1 mL	
460-24280-F-6	PMP-21-SI-E (10.5-11)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-24280-F-7	PMP-1-VD-E (3.5-4.0)	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-24280-F-8	PMP-1-WT-E (8-8.5)	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-24280-F-9	PMP-1-SI-E (10.5-11.0)	3546, NJ-OQA-QAM-025	T	14.99 g	1 mL			1 mL	
460-24280-F-10	PMP-24-VS-E (1-3)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-24280-F-11	PMP-24-VD-E (4.5-6.5)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Batch Number: 68954 Batch Start Date: 03/30/11 10:00 Batch Analyst: Masongo, Charles

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_QAMBS 00019	OPQAMMS/SD 00017	OPQAMSU 00016	
460-24280-F-12	PMP-24-WT-E (6.5-8.5)	3546, NJ-OQA-QAM-025	T	15.05 g	1 mL			1 mL	
460-24280-F-13	PMP-24-SI-E (10.5-12.5)	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL			1 mL	
460-24280-F-14	PMP-2-VD-E (3.5-4.0)	3546, NJ-OQA-QAM-025	T	15.01 g	1 mL			1 mL	
460-24280-F-15	PMP-2WT-E (8.0-8.5)	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL			1 mL	
460-24280-F-16	PMP-2-SI-E (10.5-11.0)	3546, NJ-OQA-QAM-025	T	15.00 g	1 mL			1 mL	
460-24280-F-17	PMP-5-VD-E (3.5-4)	3546, NJ-OQA-QAM-025	T	15.04 g	1 mL			1 mL	

Batch Notes	
Balance ID	28
Batch Comment	QAM-025
Person's name who did the concentration	CM
Microwave Start Time	10:30am
Microwave Stop Time	11am
Na2SO4 Lot Number	J41625
Person's name who did the prep	CM
SOP Number	3546
Person who witnessed spiking	JR
Surrogate Lot Number	SP 1987

Basis	Basis Description
T	Total/NA

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Batch Number: 68966 Batch Start Date: 03/30/11 10:00 Batch Analyst: Masongo, Charles

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_QAMBS 00019	OPQAMMS/SD 00017	OPQAMSU 00016	
MB 460-68966/1		3546, NJ-OQA-QAM-025		15.00 g	1 mL			1 mL	
LCS 460-68966/2		3546, NJ-OQA-QAM-025		15.00 g	1 mL	1 mL		1 mL	
460-24280-F-18 MS	PMP-5-WT-E (8-8.5)	3546, NJ-OQA-QAM-025	T	15.04 g	1 mL		1 mL	1 mL	
460-24280-F-18 MSD	PMP-5-WT-E (8-8.5)	3546, NJ-OQA-QAM-025	T	15.02 g	1 mL		1 mL	1 mL	
460-24280-F-18	PMP-5-WT-E (8-8.5)	3546, NJ-OQA-QAM-025	T	15.03 g	1 mL			1 mL	
460-24280-F-19	PMP-5SI-E (10.5-11)	3546, NJ-OQA-QAM-025	T	15.05 g	1 mL			1 mL	

Batch Notes	
Balance ID	28
Batch Comment	QAM-025 SOIL
Person's name who did the concentration	CM
Microwave Start Time	10:30am
Microwave Stop Time	11am
Na2SO4 Lot Number	J41625
Person's name who did the prep	CM
SOP Number	3546
Person who witnessed spiking	JR
Surrogate Lot Number	SP 1987

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-24280-1

SDG No.:

Project: McCandless

Client Sample ID	Lab Sample ID
PMP-25-VS-E (1-3)	460-24280-1
PMP-25-VD-E (3-5)	460-24280-2
PMP-25-WT-E (7.5-9.5)	460-24280-3
PMP-21-VD-E (3.5-4)	460-24280-4
PMP-21-WT-E (8-8.5)	460-24280-5
PMP-21-SI-E (10.5-11)	460-24280-6
PMP-1-VD-E (3.5-4.0)	460-24280-7
PMP-1-WT-E (8-8.5)	460-24280-8
PMP-1-SI-E (10.5-11.0)	460-24280-9
PMP-24-VS-E (1-3)	460-24280-10
PMP-24-VD-E (4.5-6.5)	460-24280-11
PMP-24-WT-E (6.5-8.5)	460-24280-12
PMP-24-SI-E (10.5-12.5)	460-24280-13
PMP-2-VD-E (3.5-4.0)	460-24280-14
PMP-2WT-E (8.0-8.5)	460-24280-15
PMP-2-SI-E (10.5-11.0)	460-24280-16
PMP-5-VD-E (3.5-4)	460-24280-17
PMP-5-WT-E (8-8.5)	460-24280-18
PMP-5SI-E (10.5-11)	460-24280-19

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-25-VS-E (1-3)
Lab Sample ID: 460-24280-1
Lab Name: TestAmerica Edison
Job No.: 460-24280-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/17/2011 09:04
Reporting Basis: WET
Date Received: 03/18/2011 16:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-25-VD-E (3-5)
Lab Sample ID: 460-24280-2
Lab Name: TestAmerica Edison
Job No.: 460-24280-1
SDG ID.:
Matrix: Solid
Date Sampled: 03/17/2011 09:09
Reporting Basis: WET
Date Received: 03/18/2011 16:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-25-WT-E (7.5-9.5) Lab Sample ID: 460-24280-3

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 09:15

Reporting Basis: WET Date Received: 03/18/2011 16:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-21-VD-E (3.5-4) Lab Sample ID: 460-24280-4

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 09:20

Reporting Basis: WET Date Received: 03/18/2011 16:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-21-WT-E (8-8.5) Lab Sample ID: 460-24280-5

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 09:25

Reporting Basis: WET Date Received: 03/18/2011 16:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-21-SI-E (10.5-11) Lab Sample ID: 460-24280-6

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 09:30

Reporting Basis: WET Date Received: 03/18/2011 16:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-1-VD-E (3.5-4.0) Lab Sample ID: 460-24280-7

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 09:40

Reporting Basis: WET Date Received: 03/18/2011 16:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	25.0	100	19.7	mg/Kg	J		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-1-WT-E (8-8.5) Lab Sample ID: 460-24280-8

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 09:45

Reporting Basis: WET Date Received: 03/18/2011 16:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	23.5	100	19.7	mg/Kg	J		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-1-SI-E (10.5-11.0) Lab Sample ID: 460-24280-9

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 09:50

Reporting Basis: WET Date Received: 03/18/2011 16:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-24-VS-E (1-3) Lab Sample ID: 460-24280-10

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 10:25

Reporting Basis: WET Date Received: 03/18/2011 16:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-24-VD-E (4.5-6.5) Lab Sample ID: 460-24280-11

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 10:30

Reporting Basis: WET Date Received: 03/18/2011 16:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-24-WT-E (6.5-8.5) Lab Sample ID: 460-24280-12

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 10:35

Reporting Basis: WET Date Received: 03/18/2011 16:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-24-SI-E (10.5-12.5) Lab Sample ID: 460-24280-13

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 10:40

Reporting Basis: WET Date Received: 03/18/2011 16:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-2-VD-E (3.5-4.0) Lab Sample ID: 460-24280-14

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 11:19

Reporting Basis: WET Date Received: 03/18/2011 16:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-2WT-E (8.0-8.5) Lab Sample ID: 460-24280-15

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 11:25

Reporting Basis: WET Date Received: 03/18/2011 16:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-2-SI-E (10.5-11.0) Lab Sample ID: 460-24280-16

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 11:30

Reporting Basis: WET Date Received: 03/18/2011 16:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	20.0	100	19.7	mg/Kg	J		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-5-VD-E (3.5-4) Lab Sample ID: 460-24280-17

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 11:55

Reporting Basis: WET Date Received: 03/18/2011 16:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-5-WT-E (8-8.5) Lab Sample ID: 460-24280-18

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 12:00

Reporting Basis: WET Date Received: 03/18/2011 16:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: PMP-5SI-E (10.5-11) Lab Sample ID: 460-24280-19

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG ID.:

Matrix: Solid Date Sampled: 03/17/2011 12:05

Reporting Basis: WET Date Received: 03/18/2011 16:45

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
16887-00-6	Total Chloride	100	100	19.7	mg/Kg	U		1	9251

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Analyst: MB Batch Start Date: 03/28/2011

Reporting Units: mg/L Analytical Batch No.: 68663

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	07:29	Total Chloride	49.77	50.0	100	90-110		WTchlss1_00008
2	ICB	07:29	Total Chloride	5.0				U	
3	CCV	08:44	Total Chloride	50.43	50.0	101	90-110		WTchlss1_00008
4	CCB	08:44	Total Chloride	5.0				U	
15	CCV	08:48	Total Chloride	50.15	50.0	100	90-110		WTchlss1_00008
16	CCB	08:48	Total Chloride	5.0				U	
27	CCV	08:50	Total Chloride	50.98	50.0	102	90-110		WTchlss1_00008
28	CCB	08:50	Total Chloride	5.0				U	
31	CCV	08:52	Total Chloride	51.58	50.0	103	90-110		WTchlss1_00008
32	CCB	08:52	Total Chloride	1.03				J	
33	CCV	09:06	Total Chloride	51.28	50.0	103	90-110		WTchlss1_00008
34	CCB	09:06	Total Chloride	5.0				U	
37	CCV	09:07	Total Chloride	51.00	50.0	102	90-110		WTchlss1_00008
38	CCB	09:07	Total Chloride	5.0				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.: 460-24280-1

SDG No.:

Analyst: MB Batch Start Date: 03/28/2011

Reporting Units: mg/L Analytical Batch No.: 68688

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	10:31	Total Chloride	52.31	50.0	105	90-110		WTchlss1_00008
2	ICB	10:31	Total Chloride	5.0				U	
3	CCV	10:57	Total Chloride	51.90	50.0	104	90-110		WTchlss1_00008
4	CCB	10:57	Total Chloride	5.0				U	
15	CCV	11:01	Total Chloride	51.59	50.0	103	90-110		WTchlss1_00008
16	CCB	11:01	Total Chloride	5.0				U	
33	CCV	11:55	Total Chloride	52.85	50.0	106	90-110		WTchlss1_00008
34	CCB	11:55	Total Chloride	5.0				U	
42	CCV	11:59	Total Chloride	53.69	50.0	107	90-110		WTchlss1_00008
43	CCB	11:59	Total Chloride	1.08				J	

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.: 460-24280-1

SDG No.:

Analyst: MB Batch Start Date: 03/29/2011

Reporting Units: mg/L Analytical Batch No.: 68803

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	09:32	Total Chloride	50.23	50.0	100	90-110		WTchlss1_00008
2	ICB	09:32	Total Chloride	0.995				J	
3	CCV	09:50	Total Chloride	48.53	50.0	97	90-110		WTchlss1_00008
4	CCB	09:50	Total Chloride	5.0				U	
15	CCV	09:55	Total Chloride	49.04	50.0	98	90-110		WTchlss1_00008
16	CCB	09:55	Total Chloride	5.0				U	
27	CCV	09:56	Total Chloride	49.51	50.0	99	90-110		WTchlss1_00008
28	CCB	09:56	Total Chloride	5.0				U	
33	CCV	10:13	Total Chloride	49.48	50.0	99	90-110		WTchlss1_00008
34	CCB	10:13	Total Chloride	5.0				U	
37	CCV	10:14	Total Chloride	49.68	50.0	99	90-110		WTchlss1_00008
38	CCB	10:14	Total Chloride	5.0				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.: 460-24280-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 68663	Date: 03/28/2011 08:44						
9251	MB 460-68663/5	Total Chloride	5.0	U	mg/Kg	5.0	1
Batch ID: 68688	Date: 03/28/2011 10:57						
9251	MB 460-68688/5	Total Chloride	5.0	U	mg/Kg	5.0	1
Batch ID: 68803	Date: 03/29/2011 09:50						
9251	MB 460-68803/5	Total Chloride	5.0	U	mg/Kg	5.0	1

3-IN
TCLP SPLPE LEACHATE BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 68663	Date: 03/28/2011 08:44						
9251	LB 460-68387/1-A	Total Chloride	5.0	U	mg/Kg	5.0	1
Batch ID: 68688	Date: 03/28/2011 10:57						
9251	LB 460-68387/1-A	Total Chloride	5.0	U	mg/Kg	5.0	1
Batch ID: 68803	Date: 03/29/2011 09:50						
9251	LB 460-68642/1-A	Total Chloride	5.0	U	mg/Kg	5.0	1

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 68663	Date: 03/28/2011 09:06										
9251	460-24279-A-6-A	Total Chloride	29.0	J	mg/Kg						
9251	460-24279-A-6-A MS	Total Chloride	1023		mg/Kg	1000	99	80-120			
Batch ID: 68688	Date: 03/28/2011 11:55										
9251	460-24280-9	Total Chloride	100	U	mg/Kg						
9251	460-24280-9 MS	Total Chloride	1007		mg/Kg	1000	101	80-120			
Batch ID: 68803	Date: 03/29/2011 10:13										
9251	460-24280-10	Total Chloride	100	U	mg/Kg						
9251	460-24280-10 MS	Total Chloride	1010		mg/Kg	1000	101	80-120			

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.: 460-24280-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 68663 Date: 03/28/2011 09:06											
9251	460-24279-A-6 -A MSD	Total Chloride	1029		mg/Kg	1000	100	80-120	1	10	
Batch ID: 68688 Date: 03/28/2011 11:55											
9251	460-24280-9 MSD	Total Chloride	1006		mg/Kg	1000	101	80-120	0	10	
Batch ID: 68803 Date: 03/29/2011 10:13											
9251	460-24280-10 MSD	Total Chloride	1015		mg/Kg	1000	101	80-120	0	10	

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

FORM V-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 68663	Date: 03/28/2011 08:44										
						LCS Source:	WTchlLCS_00019				
9251	LCS 460-68663/6	Total Chloride	57.20		mg/Kg	59.0	97	85-115			
Batch ID: 68688	Date: 03/28/2011 10:57										
						LCS Source:	WTchlLCS_00019				
9251	LCS 460-68688/6	Total Chloride	60.36		mg/Kg	59.0	102	85-115			
Batch ID: 68803	Date: 03/29/2011 09:50										
						LCS Source:	WTchlLCS_00019				
9251	LCS 460-68803/6	Total Chloride	56.85		mg/Kg	59.0	96	85-115			

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: 460-24280-1

SDG Number:

Matrix: Solid Instrument ID: Konelab1

Analysis Method: 9251 MDL Date: 12/08/2008 17:19

Prep Method:

Leach Method: D3987-85

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Total Chloride		100	19.68

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-24280-1

SDG Number:

Matrix: Solid Instrument ID: Konelab1

Analysis Method: 9251 XMDL Date: 12/21/2008 20:13

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Total Chloride		5	0.984

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-24280-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Analysis Method: Moisture RL Date: 02/15/2007 17:07

Prep Method:

Leach Method:

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-24280-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Analysis Method: Moisture XRL Date: 01/01/2007 16:49

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		1	
Percent Solids		1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: Konelab1 Method: 9251

Start Date: 03/28/2011 07:29 End Date: 03/28/2011 09:07

Lab Sample ID	D/F	Type	Time	Analytes																			
				CL-																			
ICV 460-68663/1	1		07:29	X																			
ICB 460-68663/2	1		07:29	X																			
CCV 460-68663/3	1		08:44	X																			
CCB 460-68663/4	1		08:44	X																			
MB 460-68663/5	1	T	08:44	X																			
LCS 460-68663/6	1	T	08:44	X																			
LB 460-68387/1-A	1	T	08:44	X																			
ZZZZZZ			08:44																				
ZZZZZZ			08:44																				
ZZZZZZ			08:44																				
ZZZZZZ			08:44																				
ZZZZZZ			08:44																				
ZZZZZZ			08:44																				
ZZZZZZ			08:44																				
CCV 460-68663/15	1		08:48	X																			
CCB 460-68663/16	1		08:48	X																			
ZZZZZZ			08:48																				
ZZZZZZ			08:48																				
ZZZZZZ			08:48																				
ZZZZZZ			08:48																				
460-24280-1	1	T	08:48	X																			
460-24280-2	1	T	08:48	X																			
460-24280-3	1	T	08:48	X																			
460-24280-4	1	T	08:48	X																			
460-24280-5	1	T	08:48	X																			
460-24280-6	1	T	08:48	X																			
CCV 460-68663/27	1		08:50	X																			
CCB 460-68663/28	1		08:50	X																			
460-24280-7	1	T	08:50	X																			
460-24280-8	1	T	08:50	X																			
CCV 460-68663/31	1		08:52	X																			
CCB 460-68663/32	1		08:52	X																			
CCV 460-68663/33	1		09:06	X																			
CCB 460-68663/34	1		09:06	X																			
460-24279-A-6-A MS	1	T	09:06	X																			
460-24279-A-6-A MSD	1	T	09:06	X																			
CCV 460-68663/37	1		09:07	X																			
CCB 460-68663/38	1		09:07	X																			

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison
Job No.: 460-24280-1
SDG No.:
Instrument ID: Konelab1
Method: 9251
Start Date: 03/28/2011 10:31
End Date: 03/28/2011 12:52

Lab Sample ID	D/F	Type	Time	Analytes
				CL-
ICV 460-68688/1	1		10:31	X
ICB 460-68688/2	1		10:31	X
CCV 460-68688/3	1		10:57	X
CCB 460-68688/4	1		10:57	X
MB 460-68688/5	1	T	10:57	X
LCS 460-68688/6	1	T	10:57	X
LB 460-68387/1-A	1	T	10:57	X
460-24280-9	1	T	10:57	X
ZZZZZZ			10:57	
ZZZZZZ			10:57	
ZZZZZZ			10:57	
ZZZZZZ			10:57	
ZZZZZZ			10:57	
ZZZZZZ			10:57	
CCV 460-68688/15	1		11:01	X
CCB 460-68688/16	1		11:01	X
ZZZZZZ			11:01	
ZZZZZZ			11:01	
ZZZZZZ			11:01	
ZZZZZZ			11:01	
ZZZZZZ			11:01	
ZZZZZZ			11:01	
ZZZZZZ			11:01	
ZZZZZZ			11:01	
ZZZZZZ			11:01	
ZZZZZZ			11:01	
CCV 460-68688/27			11:03	
CCB 460-68688/28			11:03	
ZZZZZZ			11:03	
ZZZZZZ			11:03	
CCV 460-68688/31			11:05	
CCB 460-68688/32			11:05	
CCV 460-68688/33	1		11:55	X
CCB 460-68688/34	1		11:55	X
460-24280-9 MS	1	T	11:55	X
460-24280-9 MSD	1	T	11:55	X
ZZZZZZ			11:58	
ZZZZZZ			11:58	
ZZZZZZ			11:58	
ZZZZZZ			11:58	
ZZZZZZ			11:58	
CCV 460-68688/42	1		11:59	X

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: Konelab1 Method: 9251

Start Date: 03/28/2011 10:31 End Date: 03/28/2011 12:52

Lab Sample ID	D / F	Type	Time	Analytes																			
				CL-																			
CCB 460-68688/43	1		11:59	X																			
CCV 460-68688/44			12:37																				
CCB 460-68688/45			12:37																				
ZZZZZZ			12:38																				
ZZZZZZ			12:38																				
ZZZZZZ			12:38																				
CCV 460-68688/49			12:40																				
CCB 460-68688/50			12:40																				
CCV 460-68688/51			12:49																				
CCB 460-68688/52			12:49																				
ZZZZZZ			12:50																				
CCV 460-68688/54			12:52																				
CCB 460-68688/55			12:52																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: Konelab1 Method: 9251

Start Date: 03/29/2011 09:32 End Date: 03/29/2011 10:14

Lab Sample ID	D / F	Type	Time	Analytes																			
				CL-																			
ICV 460-68803/1	1		09:32	X																			
ICB 460-68803/2	1		09:32	X																			
CCV 460-68803/3	1		09:50	X																			
CCB 460-68803/4	1		09:50	X																			
MB 460-68803/5	1	T	09:50	X																			
LCS 460-68803/6	1	T	09:50	X																			
LB 460-68642/1-A	1	T	09:50	X																			
460-24280-10	1	T	09:50	X																			
460-24280-11	1	T	09:50	X																			
460-24280-12	1	T	09:50	X																			
460-24280-13	1	T	09:50	X																			
460-24280-14	1	T	09:50	X																			
460-24280-15	1	T	09:50	X																			
460-24280-16	1	T	09:50	X																			
CCV 460-68803/15	1		09:55	X																			
CCB 460-68803/16	1		09:55	X																			
460-24280-17	1	T	09:55	X																			
460-24280-18	1	T	09:55	X																			
460-24280-19	1	T	09:55	X																			
ZZZZZZ			09:55																				
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ZZZZZZ			09:55																				
ZZZZZZ			09:55																				
CCV 460-68803/27	1		09:56	X																			
CCB 460-68803/28	1		09:56	X																			
ZZZZZZ			09:56																				
ZZZZZZ			09:56																				
CCV 460-68803/31			09:58																				
CCB 460-68803/32			09:58																				
CCV 460-68803/33	1		10:13	X																			
CCB 460-68803/34	1		10:13	X																			
460-24280-10 MS	1	T	10:13	X																			
460-24280-10 MSD	1	T	10:13	X																			
CCV 460-68803/37	1		10:14	X																			
CCB 460-68803/38	1		10:14	X																			

Prep Types
T = Total/NA

ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 03/22/2011 11:25 End Date: 03/22/2011 21:30

Lab Sample ID	D/F	Type	Time	Analytes																			
				%Sol	Moist																		
ZZZZZZ			11:25																				
ZZZZZZ			11:25																				
ZZZZZZ			11:25																				
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison
Job No.: 460-24280-1

SDG No.:

Instrument ID: NOEQUIP
Method: Moisture

Start Date: 03/22/2011 11:25
End Date: 03/22/2011 21:30

Lab Sample ID	D/F	Type	Time	Analytes																			
				%Sol	Moist																		
ZZZZZZ			11:25																				
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison
Job No.: 460-24280-1
SDG No.:
Instrument ID: NOEQUIP
Method: Moisture
Start Date: 03/22/2011 11:25
End Date: 03/22/2011 21:30

Lab Sample ID	D/F	Type	Time	Analytes																			
				%Sol	Moist																		
ZZZZZZ			11:29																				
ZZZZZZ			11:29																				
ZZZZZZ			11:29																				
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ZZZZZZ			11:33																				
460-24280-1	1	T	11:33	X	X																		
460-24280-2	1	T	11:33	X	X																		
460-24280-3	1	T	11:33	X	X																		
460-24280-4	1	T	11:33	X	X																		
460-24280-5	1	T	11:33	X	X																		
460-24280-6	1	T	11:33	X	X																		
460-24280-7	1	T	11:33	X	X																		
460-24280-8	1	T	11:33	X	X																		
460-24280-9	1	T	11:33	X	X																		
460-24280-10	1	T	11:33	X	X																		
460-24280-11	1	T	11:33	X	X																		
460-24280-12	1	T	11:33	X	X																		
460-24280-13	1	T	11:33	X	X																		
460-24280-14	1	T	11:33	X	X																		
460-24280-15	1	T	11:33	X	X																		
460-24280-15 DU	1	T	11:34	X	X																		
460-24280-16	1	T	11:34	X	X																		
460-24280-17	1	T	11:34	X	X																		
460-24280-18	1	T	11:34	X	X																		
460-24280-19	1	T	11:34	X	X																		
ZZZZZZ			16:42																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison

Job No.: 460-24280-1

SDG No.:

Instrument ID: NOEQUIP

Method: Moisture

Start Date: 03/22/2011 11:25

End Date: 03/22/2011 21:30

Lab Sample ID	D/F	Type	Time	Analytes																			
				%Sol	Moist																		
ZZZZZZ			16:42																				
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison   Job No.: 460-24280-1

SDG No.:

Instrument ID: NOEQUIP   Method: Moisture

Start Date: 03/22/2011 11:25   End Date: 03/22/2011 21:30

Lab Sample ID	D/F	Type	Time	Analytes: %Sol	Moist
ZZZZZZ			16:42		
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison

Job No.: 460-24280-1

SDG No.:

Instrument ID: NOEQUIP

Method: Moisture

Start Date: 03/22/2011 11:25

End Date: 03/22/2011 21:30

Lab Sample ID	D/F	Type	Time	Analytes																			
				%Sol	Moist																		
ZZZZZZ			16:42																				
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 03/22/2011 11:25 End Date: 03/22/2011 21:30

Lab Sample ID	D/F	Type	Time	Analytes																			
				%Sol	Moist																		
ZZZZZZ			21:30																				
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison
Job No.: 460-24280-1
SDG No.:
Instrument ID: NOEQUIP
Method: Moisture
Start Date: 03/22/2011 11:25
End Date: 03/22/2011 21:30

				Analytes																			
Lab Sample ID	D/F	Type	Time	%Sol	Moist																		
ZZZZZZ			21:30																				
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Prep Types
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GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Batch Number: 68387 Batch Start Date: 03/24/11 14:00 Batch Analyst: Carlone, John

Batch Method: D3987-85 Batch End Date: 03/25/11 08:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	AnalysisComment			
LB 460-68387/1		D3987-85, 9251			700 mL	samples tumbled in 1 L plastic container; pH =4.29 measured on 3/25/11 @1050			
460-24280-A-1	PMP-25-VS-E (1-3)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic container; pH = 5.61 measured on 3/25/11 @1055			
460-24280-A-2	PMP-25-VD-E (3-5)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic container; pH =5.62 measured on 3/25/11 @1056			
460-24280-A-3	PMP-25-WT-E (7.5-9.5)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic container; pH = 5.51 measured on 3/25/11 @1056			
460-24280-A-4	PMP-21-VD-E (3.5-4)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic container; pH =5.58 measured on 3/25/11 @1057			
460-24280-A-5	PMP-21-WT-E (8-8.5)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic container; pH = 5.54 measured on 3/25/11 @1057			
460-24280-A-6	PMP-21-SI-E (10.5-11)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic container; pH = 5.96 measured on 3/25/11 @1058			

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Batch Number: 68387 Batch Start Date: 03/24/11 14:00 Batch Analyst: Carlone, John

Batch Method: D3987-85 Batch End Date: 03/25/11 08:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	AnalysisComment			
460-24280-A-7	PMP-1-VD-E (3.5-4.0)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic container; pH = 6.19 measured on 3/25/11 @1058			
460-24280-A-8	PMP-1-WT-E (8-8.5)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic container; pH = 6.32 measured on 3/25/11 @1059			
460-24280-A-9	PMP-1-SI-E (10.5-11.0)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic container; pH = 6.36 measured on 3/25/11 @1100			

Batch Notes	
Balance ID	51
Batch Comment	rpm=29

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Batch Number: 68642 Batch Start Date: 03/28/11 11:29 Batch Analyst: Carlone, John

Batch Method: D3987-85 Batch End Date: 03/29/11 05:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	AnalysisComment			
LB 460-68642/1		D3987-85, 9251			700 mL	samples tumbled in 1L plastic containers; pH= 5.01 measured on 3/29/11 @833			
460-24280-A-10	PMP-24-VS-E (1-3)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic containers; pH= 8.70 measured on 3/29/11 @834			
460-24280-A-11	PMP-24-VD-E (4.5-6.5)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic containers; pH= 8.35 measured on 3/29/11 @835			
460-24280-A-12	PMP-24-WT-E (6.5-8.5)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic containers; pH= 8.09 measured on 3/29/11 @835			
460-24280-A-13	PMP-24-SI-E (10.5-12.5)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic containers; pH= 6.33 measured on 3/29/11 @836			
460-24280-A-14	PMP-2-VD-E (3.5-4.0)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic containers; pH= 6.12 measured on 3/29/11 @836			
460-24280-A-15	PMP-2WT-E (8.0-8.5)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic containers; pH= 5.66 measured on 3/29/11 @837			
460-24280-A-16	PMP-2-SI-E (10.5-11.0)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic containers; pH= 5.84 measured on 3/29/11 @837			
460-24280-A-17	PMP-5-VD-E (3.5-4)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic containers; pH= 5.82 measured on 3/29/11 @838			

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Batch Number: 68642 Batch Start Date: 03/28/11 11:29 Batch Analyst: Carlone, John

Batch Method: D3987-85 Batch End Date: 03/29/11 05:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	AnalysisComment			
460-24280-A-18	PMP-5-WT-E (8-8.5)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic containers; pH= 5.90 measured on 3/29/11 @838			
460-24280-A-19	PMP-5SI-E (10.5-11)	D3987-85, 9251	T	35 g	700 mL	samples tumbled in 1L plastic containers; pH= 5.84 measured on 3/29/11 @839			

Batch Notes	
Balance ID	51
Batch Comment	rpm=29

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Batch Number: 68663 Batch Start Date: 03/28/11 07:29 Batch Analyst: Cabanganan, Maria

Batch Method: 9251 Batch End Date: 03/28/11 09:07

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTchlLCS 00019	WTchlSP1 00006	WTchlss1 00008		
ICV 460-68663/1		9251		50 mL			2.5 mL		
CCV 460-68663/3		9251		50 mL			2.5 mL		
LCS 460-68663/6		9251		50 mL	50 mL				
CCV 460-68663/15		9251		50 mL			2.5 mL		
CCV 460-68663/27		9251		50 mL			2.5 mL		
CCV 460-68663/31		9251		50 mL			2.5 mL		
CCV 460-68663/33		9251		50 mL			2.5 mL		
460-24279-A-6-A MS		9251	T	50 mL		2.5 mL			
460-24279-A-6-A MSD		9251	T	50 mL		2.5 mL			
CCV 460-68663/37		9251		50 mL			2.5 mL		

Batch Notes	
Batch Comment	Cal. curve: A(48926-48932)11 exp. 04/08/11
Color Reagent ID Number	C-6882-11 exp. 05/29/11

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Batch Number: 68688 Batch Start Date: 03/28/11 10:31 Batch Analyst: Cabanganan, Maria

Batch Method: 9251 Batch End Date: 03/28/11 12:52

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTchlLCS 00019	WTchlSP1 00006	WTchlss1 00008		
ICV 460-68688/1		9251		50 mL			2.5 mL		
CCV 460-68688/3		9251		50 mL			2.5 mL		
LCS 460-68688/6		9251		50 mL	50 mL				
CCV 460-68688/15		9251		50 mL			2.5 mL		
CCV 460-68688/33		9251		50 mL			2.5 mL		
460-24280-A-9-A MS	PMP-1-SI-E (10.5-11.0)	9251	T	50 mL		2.5 mL			
460-24280-A-9-A MSD	PMP-1-SI-E (10.5-11.0)	9251	T	50 mL		2.5 mL			
CCV 460-68688/42		9251		50 mL			2.5 mL		

Batch Notes	
Batch Comment	Cal. curve: A(48926-48932)11 exp. 04/08/11
Color Reagent ID Number	C-6882-11 exp. 05/29/11

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Batch Number: 68803 Batch Start Date: 03/29/11 09:32 Batch Analyst: Cabanganan, Maria

Batch Method: 9251 Batch End Date: 03/29/11 10:14

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTchlLCS 00019	WTchlSP1 00006	WTchlss1 00008		
ICV 460-68803/1		9251		50 mL			2.5 mL		
CCV 460-68803/3		9251		50 mL			2.5 mL		
LCS 460-68803/6		9251		50 mL	50 mL				
CCV 460-68803/15		9251		50 mL			2.5 mL		
CCV 460-68803/27		9251		50 mL			2.5 mL		
CCV 460-68803/33		9251		50 mL			2.5 mL		
460-24280-A-10-A MS	PMP-24-VS-E (1-3)	9251	T	50 mL		2.5 mL			
460-24280-A-10-A MSD	PMP-24-VS-E (1-3)	9251	T	50 mL		2.5 mL			
CCV 460-68803/37		9251		50 mL			2.5 mL		

Batch Notes	
Batch Comment	Cal. curve: A(48926-48932)11 exp. 04/08/11
Color Reagent ID Number	C-6882-11 exp. 05/29/11

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Batch Number: 68119 Batch Start Date: 03/22/11 11:25 Batch Analyst: Retana, Camille

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-24280-A-1	PMP-25-VS-E (1-3)	Moisture	T	106	1.01 g	6.96 g	6.55 g		
460-24280-A-2	PMP-25-VD-E (3-5)	Moisture	T	107	1.03 g	8.55 g	8.19 g		
460-24280-A-3	PMP-25-WT-E (7.5-9.5)	Moisture	T	108	1.01 g	8.35 g	7.22 g		
460-24280-A-4	PMP-21-VD-E (3.5-4)	Moisture	T	109	1.02 g	9.47 g	8.97 g		
460-24280-A-5	PMP-21-WT-E (8-8.5)	Moisture	T	110	1.01 g	7.62 g	6.59 g		
460-24280-A-6	PMP-21-SI-E (10.5-11)	Moisture	T	111	1.02 g	7.34 g	6.44 g		
460-24280-A-7	PMP-1-VD-E (3.5-4.0)	Moisture	T	112	1.01 g	6.27 g	6.02 g		
460-24280-A-8	PMP-1-WT-E (8-8.5)	Moisture	T	113	1.02 g	8.02 g	7.23 g		
460-24280-A-9	PMP-1-SI-E (10.5-11.0)	Moisture	T	114	1.01 g	9.90 g	8.71 g		
460-24280-A-10	PMP-24-VS-E (1-3)	Moisture	T	115	1.03 g	7.37 g	6.83 g		
460-24280-A-11	PMP-24-VD-E (4.5-6.5)	Moisture	T	116	1.00 g	9.02 g	8.17 g		
460-24280-A-12	PMP-24-WT-E (6.5-8.5)	Moisture	T	117	0.99 g	8.58 g	7.84 g		
460-24280-A-13	PMP-24-SI-E (10.5-12.5)	Moisture	T	118	1.00 g	8.53 g	7.47 g		
460-24280-A-14	PMP-2-VD-E (3.5-4.0)	Moisture	T	119	1.02 g	7.62 g	7.35 g		
460-24280-A-15	PMP-2WT-E (8.0-8.5)	Moisture	T	120	1.01 g	6.80 g	6.59 g		
460-24280-A-15 DU	PMP-2WT-E (8.0-8.5)	Moisture	T	121	1.02 g	6.21 g	6.02 g		
460-24280-A-16	PMP-2-SI-E (10.5-11.0)	Moisture	T	122	1.02 g	9.14 g	8.10 g		
460-24280-A-17	PMP-5-VD-E (3.5-4)	Moisture	T	123	1.02 g	8.68 g	8.42 g		
460-24280-A-18	PMP-5-WT-E (8-8.5)	Moisture	T	124	1.03 g	6.56 g	6.25 g		
460-24280-A-19	PMP-5SI-E (10.5-11)	Moisture	T	125	1.01 g	8.75 g	7.67 g		

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-24280-1

SDG No.:

Batch Number: 68119 Batch Start Date: 03/22/11 11:25 Batch Analyst: Retana, Camille

Batch Method: Moisture Batch End Date:

Batch Notes	
Balance ID	104 No Unit
Date samples were place in the oven	3/22/11
Oven Temp when samples are put in oven	1 104, 2 105 Degrees C
Time samples were place in the oven	11:30
Date samples were removed from oven	3/23/11
Oven Temp when samples removed from oven	1 103, 2 103 Degrees C
Time Samples were removed from oven	12:00
Oven ID	1, 2
ID number of the thermometer	1 1839, 2 1982

Basis	Basis Description
T	Total/NA

Shipping and Receiving Documents

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice): Carla Nascimento	Samplers Name (Printed): S. Ramrup & C. Gorski	Site/Project Identification: Former McCandless
Company: Antea Group	P. O. #: BE0812485P	State (Location of site): NJ: X NY: Other:
Address: 1031 US Highway 22	Analysis Turnaround Time: Standard X	Regulatory Program: SRP
City: Bridgewater State: NJ	Rush Chrages Authorized For: 2 Week / 1 Week / Other	
Phone: (908) 547-3834 Fax:		

Sample Identification	Date	Time	Matrix	No. of Cont.	PCBs (8082) Chloride TPH, BNA/ro (8270B)	VOA +10	TCL VOA +10 (8260B)	TCL VOA +10 (8260B)	Sample Numbers
PMP-25-VS-E(1-3)	3-17-11	0904	Soils	6	X	X	X	X	1
PMP-25-VD-E(3-5)	3-17-11	0909		6	X	X	X	X	2
PMP-25-WT-E(7.5-9.5)	3-17-11	0915		6	X	X	X	X	3
PMP-21-VD-E(3.5-4)		0920		6	X	X	X	X	4
PMP-21-WT-E(8-8.5)		0925		6	X	X	X	X	5
PMP-21-SI-E(10.5-11)		0930		6	X	X	X	X	6
PMP-1-VD-E(3.5-4.0)		0940		6	X	X	X	X	7
PMP-1-WT-E(8-8.5)		0945		6	X	X	X	X	8
PMP-1-SI-E(10.5-11.0)		0950		6	X	X	X	X	9
PMP-24-VS-E(1-3)	3-17-11	1025	Soils	6	X	X	X	X	10
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH				Soil:	1	1,6	1	1,7	
6 = Other DI Water 7 = Other Methanol				Water:					

LAB USE ONLY
Project No:
Job No: 24280

Special Instructions

Water Metals Filtered (Yes/No)?

Relinquished by	Company	Date / Time	Received by	Company
1) Satish Ramrup	Antea Group	3/18/11 11:30	1)	
2)		3/18/11 1545	2)	TAL
3)			3)	
4)			4)	

SHORT HOLD

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522, (PH-0200), Rhode Island (132). TAL - 0016 (0408)

Massachusetts (M-NJ312), North Carolina (No. 578)

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4.6
1.7
TEMP ABV

Page 1975 of 1977

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): S. Ramrup & C. Gorski	Site/Project Identification: Former McCandless
Company: Antea Group	P. O. #: BE0812485P	State (Location of site): NJ: X NY: Other:
Address: 1031 US Highway 22	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: 24280

Sample Identification	Date	Time	Matrix	No. of Cont.	PCBs (8082) Chloride TPH, BNA +20 (8270)	VOA +10	TCL VOA +10 (8260B)	TCL VOA +10 (8260B)	Sample Numbers
PMP-24-VD-E (4.5-5)	3-17-11	1030	Soils	6	X	X	X	X	11
PMP-24-WT-E (6.5-8.5)		1035		6	X	X	X	X	12
PMP-24-SI-E (10.5-12.5)		1040		6	X	X	X	X	13
PMP-2-VD-E (3.5-4.0)		1119		6	X	X	X	X	14
PMP-2-WT-E (8.0-8.5)		1125		6	X	X	X	X	15
PMP-2-SI-E (10.5-11.0)		1130		6	X	X	X	X	16
PMP-5-VD-E (3.5-4)		1155		6	X	X	X	X	17
PMP-5-WT-E (8-8.5)		1200		6	X	X	X	X	18
PMP-5-SI-E (10.5-11)		1205		6	X	X	X	X	19
	3-17-11		Soils	6					
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH — Soil:					1	1,6	1	1,7	
6 = Other DI Water = Other methanol — Water:									

Special Instructions

Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1) Satish Ramrup	Antea Group	3/18/11 | 11:30	1)	
2)		3/18/11 | 1543	2)	
3)			3)	
4)			4)	

SHORT HOLD

Laboratory Certifications: New Jersey (12028), New York (11452), (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (1107)

Massachusetts (M-NJ312), North Carolina (No. 578)

Login Sample Receipt Checklist

Client: Antea USA, Inc.

Job Number: 460-24280-1

Login Number: 24280

List Source: TestAmerica Edison

List Number: 1

Creator: McClain, Mark A

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	N/A	399509, 400539, 400540
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	2.5°C, 4.6°C, 1.7°C IR # 50
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	