Data Package

con-test®
ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

March 25, 2013

Heather Hallett
CDM Smith, Inc. - NY
11 British American Boulevard, Suite 200
Latham, NY 12110

Project Location: Buffalo, NY
Client Job Number:
Project Number: 0897-94461
Laboratory Work Order Number: 13C0408

Enclosed are results of analyses for samples received by the laboratory on March 14, 2013. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Paula E. Blakeborough
Project Manager

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CDM Smith, Inc. - NY
11 British American Boulevard, Suite 200
Latham, NY 12110
ATTN: Heather Hallett

REPORT DATE: 3/25/2013

PURCHASE ORDER NUMBER: 0897-94461

PROJECT NUMBER: 0897-94461

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 13C0408

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Buffalo, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
FB-1_3-13-13	13C0408-01	Ground Water		SW-846 8260C	
B-46_3-13-13	13C0408-02	Ground Water		SW-846 8260C	
B-54_3-13-13	13C0408-03	Ground Water		SW-846 8260C	
B-48_3-13-13	13C0408-04	Ground Water		SW-846 8260C	
B-47_3-13-13	13C0408-05	Ground Water		SW-846 8260C	
B-50_3-13-13	13C0408-06	Ground Water		SW-846 8260C	
B-51_3-13-13	13C0408-07	Ground Water		SW-846 8260C	
B-53_3-13-13	13C0408-08	Ground Water		SW-846 8260C	
B-44_3-13-13	13C0408-09	Ground Water		SW-846 8260C	
B-52_3-13-13	13C0408-10	Ground Water		SW-846 8260C	
B-45_3-13-13	13C0408-11	Ground Water		SW-846 8260C	
FD-01_3-13-13	13C0408-12	Ground Water		SW-846 8260C	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8260C

Qualifications:

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

Methylene Chloride

B069146-BSD1

Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possiblity of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene, 1,2-Dibromo-3-chloropropane (DBCP), 1,4-Dioxane, 2-Butanone (MEK), 2-Hexanone (MBK), 4-Methyl-2-pentanone (MIBK), Acetone, Acrylonitrile, Methylene Chloride, Naphthalene, tert-Butyl Alcohol (TBA), Tetrahydrofuran, trans-1,4-Dichloro-2-butene

13C0408-09[B-44_3-13-13], B069146-MS1, B069146-MSD1

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

Analyte & Samples(s) Qualified:

1,2,3-Trichloropropane

B069146-MS1

pH of sample (pH 7) is outside of method specified preservation criteria.

Analyte & Samples(s) Qualified:

13C0408-02[B-46_3-13-13], 13C0408-03[B-54_3-13-13], 13C0408-04[B-48_3-13-13], 13C0408-06[B-50_3-13-13], 13C0408-07[B-51_3-13-13], 13C0408-09[B-44_3-13-13], 13C0408-10[B-52_3-13-13], 13C0408-11[B-45_3-13-13], 13C0408-12[FD-01_3-13-13]

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

2-Hexanone (MBK), 4-Methyl-2-pentanone (MIBK), Acetone, Chloromethane, Methylene Chloride, trans-1,4-Dichloro-2-butene

13C0408-01[FB-1_3-13-13], 13C0408-02[B-46_3-13-13], 13C0408-03[B-54_3-13-13], 13C0408-04[B-48_3-13-13], 13C0408-05[B-47_3-13-13], 13C0408-06[B-50_3-13-13], 13C0408-07[B-51_3-13-13], 13C0408-08[B-53_3-13-13], 13C0408-09[B-44_3-13-13], 13C0408-10[B-52_3-13-13], 13C0408-11[B-45_3-13-13], 13C0408-12[FD-01_3-13-13], B069146-BLK1, B069146-BS1, B069146-BSD1, B069146-MS1, B069146-MSD1

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

Analyte & Samples(s) Qualified:

1,4-Dioxane, tert-Butyl Alcohol (TBA)

13C0408-01[FB-1_3-13-13], 13C0408-02[B-46_3-13-13], 13C0408-03[B-54_3-13-13], 13C0408-04[B-48_3-13-13], 13C0408-05[B-47_3-13-13], 13C0408-06[B-50_3-13-13], 13C0408-07[B-51_3-13-13], 13C0408-08[B-53_3-13-13], 13C0408-09[B-44_3-13-13], 13C0408-10[B-52_3-13-13], 13C0408-11[B-45_3-13-13], 13C0408-12[FD-01_3-13-13], B069146-BLK1, B069146-BS1, B069146-BSD1, B069146-MS1, B069146-MSD1

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The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson
Laboratory Director

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13C0408

Date Received: 3/14/2013

Field Sample #: FB-1_3-13-13 | Sampled: 3/13/2013 13:00

Sample ID: 13C0408-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 17:20	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
Bromomethane	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/15/13	3/19/13 17:20	EEH
n-Butylbenzene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
sec-Butylbenzene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 17:20	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 17:20	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH

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Project Location: Buffalo, NY | Sample Description: | Work Order: 13C0408

Date Received: 3/14/2013

Field Sample #: FB-1_3-13-13 | Sampled: 3/13/2013 13:00

Sample ID: 13C0408-01

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/15/13	3/19/13 17:20	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
2-Hexanone (MBK)	ND	10	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 17:20	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
Methylene Chloride	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 17:20	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 17:20	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:20	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	92.4	70-130		3/19/13 17:20
Toluene-d8	97.4	70-130		3/19/13 17:20
4-Bromofluorobenzene	105	70-130		3/19/13 17:20

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Project Location: Buffalo, NY | Sample Description: | Work Order: 13C0408

Date Received: 3/14/2013

Field Sample #: B-46_3-13-13 | Sampled: 3/13/2013 11:25

Sample ID: 13C0408-02

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 17:46	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
Bromomethane	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/15/13	3/19/13 17:46	EEH
n-Butylbenzene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
sec-Butylbenzene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 17:46	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 17:46	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13C0408

Date Received: 3/14/2013

Field Sample #: B-46_3-13-13 | Sampled: 3/13/2013 11:25

Sample ID: 13C0408-02

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/15/13	3/19/13 17:46	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
2-Hexanone (MBK)	ND	10	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 17:46	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
Methylene Chloride	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 17:46	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 17:46	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 17:46	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	94.7	70-130		3/19/13 17:46
Toluene-d8	99.1	70-130		3/19/13 17:46
4-Bromofluorobenzene	105	70-130		3/19/13 17:46

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13C0408

Date Received: 3/14/2013

Field Sample #: B-54_3-13-13 | Sampled: 3/13/2013 11:05

Sample ID: 13C0408-03

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 18:13	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
Bromomethane	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/15/13	3/19/13 18:13	EEH
n-Butylbenzene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
sec-Butylbenzene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 18:13	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 18:13	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13C0408

Date Received: 3/14/2013

Field Sample #: B-54_3-13-13 | Sampled: 3/13/2013 11:05

Sample ID: 13C0408-03

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/15/13	3/19/13 18:13	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
2-Hexanone (MBK)	ND	10	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 18:13	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
Methylene Chloride	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 18:13	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 18:13	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:13	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	91.4	70-130		3/19/13 18:13
Toluene-d8	98.4	70-130		3/19/13 18:13
4-Bromofluorobenzene	102	70-130		3/19/13 18:13

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13C0408

Date Received: 3/14/2013

Field Sample #: B-48_3-13-13 | Sampled: 3/13/2013 12:00

Sample ID: 13C0408-04

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 18:39	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
Bromomethane	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/15/13	3/19/13 18:39	EEH
n-Butylbenzene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
sec-Butylbenzene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 18:39	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 18:39	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13C0408

Date Received: 3/14/2013

Field Sample #: B-48_3-13-13 | Sampled: 3/13/2013 12:00

Sample ID: 13C0408-04

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/15/13	3/19/13 18:39	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
2-Hexanone (MBK)	ND	10	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 18:39	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
Methylene Chloride	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 18:39	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 18:39	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 18:39	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	92.8	70-130		3/19/13 18:39
Toluene-d8	97.3	70-130		3/19/13 18:39
4-Bromofluorobenzene	103	70-130		3/19/13 18:39

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13C0408

Date Received: 3/14/2013

Field Sample #: B-47_3-13-13 | Sampled: 3/13/2013 11:45

Sample ID: 13C0408-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 19:05	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
Bromomethane	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/15/13	3/19/13 19:05	EEH
n-Butylbenzene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
sec-Butylbenzene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 19:05	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 19:05	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13C0408

Date Received: 3/14/2013

Field Sample #: B-47_3-13-13 | Sampled: 3/13/2013 11:45

Sample ID: 13C0408-05

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/15/13	3/19/13 19:05	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
2-Hexanone (MBK)	ND	10	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 19:05	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
Methylene Chloride	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 19:05	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 19:05	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:05	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	91.1	70-130		3/19/13 19:05
Toluene-d8	97.3	70-130		3/19/13 19:05
4-Bromofluorobenzene	104	70-130		3/19/13 19:05

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13C0408

Date Received: 3/14/2013

Field Sample #: B-50_3-13-13 | Sampled: 3/13/2013 10:35

Sample ID: 13C0408-06

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 22:09	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
Bromomethane	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/15/13	3/19/13 22:09	EEH
n-Butylbenzene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
sec-Butylbenzene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 22:09	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 22:09	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
cis-1,2-Dichloroethylene	53	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13C0408

Date Received: 3/14/2013

Field Sample #: B-50_3-13-13 | Sampled: 3/13/2013 10:35

Sample ID: 13C0408-06

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/15/13	3/19/13 22:09	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
2-Hexanone (MBK)	ND	10	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 22:09	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
Methylene Chloride	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 22:09	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 22:09	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
Vinyl Chloride	8.5	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 22:09	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	85.4	70-130		3/19/13 22:09
Toluene-d8	95.1	70-130		3/19/13 22:09
4-Bromofluorobenzene	104	70-130		3/19/13 22:09

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13C0408

Date Received: 3/14/2013

Field Sample #: B-51_3-13-13 | Sampled: 3/13/2013 10:15

Sample ID: 13C0408-07

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 19:31	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
Bromomethane	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/15/13	3/19/13 19:31	EEH
n-Butylbenzene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
sec-Butylbenzene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 19:31	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 19:31	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13C0408

Date Received: 3/14/2013

Field Sample #: B-51_3-13-13 | Sampled: 3/13/2013 10:15

Sample ID: 13C0408-07

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/15/13	3/19/13 19:31	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
2-Hexanone (MBK)	ND	10	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 19:31	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
Methylene Chloride	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 19:31	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 19:31	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
Toluene	1.2	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:31	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	90.9	70-130		3/19/13 19:31
Toluene-d8	99.7	70-130		3/19/13 19:31
4-Bromofluorobenzene	104	70-130		3/19/13 19:31

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13C0408

Date Received: 3/14/2013

Field Sample #: B-53_3-13-13 | Sampled: 3/13/2013 09:00

Sample ID: 13C0408-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 19:58	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
Bromomethane	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/15/13	3/19/13 19:58	EEH
n-Butylbenzene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
sec-Butylbenzene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 19:58	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 19:58	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13C0408

Date Received: 3/14/2013

Field Sample #: B-53_3-13-13 | Sampled: 3/13/2013 09:00

Sample ID: 13C0408-08

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/15/13	3/19/13 19:58	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
2-Hexanone (MBK)	ND	10	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 19:58	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
Methylene Chloride	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 19:58	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 19:58	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 19:58	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	91.3	70-130		3/19/13 19:58
Toluene-d8	97.3	70-130		3/19/13 19:58
4-Bromofluorobenzene	105	70-130		3/19/13 19:58

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13C0408

Date Received: 3/14/2013

Field Sample #: B-44_3-13-13 | Sampled: 3/13/2013 08:30

Sample ID: 13C0408-09

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1	MS-07A, V-05	SW-846 8260C	3/15/13	3/19/13 20:24	EEH
Acrylonitrile	ND	5.0	µg/L	1	MS-07A	SW-846 8260C	3/15/13	3/19/13 20:24	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
Bromomethane	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
2-Butanone (MEK)	ND	20	µg/L	1	MS-07A	SW-846 8260C	3/15/13	3/19/13 20:24	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	MS-07A, V-16	SW-846 8260C	3/15/13	3/19/13 20:24	EEH
n-Butylbenzene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
sec-Butylbenzene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 20:24	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	MS-07A	SW-846 8260C	3/15/13	3/19/13 20:24	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	MS-07A, V-05	SW-846 8260C	3/15/13	3/19/13 20:24	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13C0408

Date Received: 3/14/2013

Field Sample #: B-44_3-13-13 | Sampled: 3/13/2013 08:30

Sample ID: 13C0408-09

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
1,4-Dioxane	ND	50	µg/L	1	MS-07A, V-16	SW-846 8260C	3/15/13	3/19/13 20:24	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
2-Hexanone (MBK)	ND	10	µg/L	1	MS-07A, V-05	SW-846 8260C	3/15/13	3/19/13 20:24	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
Methylene Chloride	ND	5.0	µg/L	1	MS-07A, V-05	SW-846 8260C	3/15/13	3/19/13 20:24	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1	MS-07A, V-05	SW-846 8260C	3/15/13	3/19/13 20:24	EEH
Naphthalene	ND	2.0	µg/L	1	MS-07A	SW-846 8260C	3/15/13	3/19/13 20:24	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
Tetrahydrofuran	ND	10	µg/L	1	MS-07A	SW-846 8260C	3/15/13	3/19/13 20:24	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1	MS-07A	SW-846 8260C	3/15/13	3/19/13 20:24	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:24	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	90.4	70-130		3/19/13 20:24
Toluene-d8	96.7	70-130		3/19/13 20:24
4-Bromofluorobenzene	104	70-130		3/19/13 20:24

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13C0408

Date Received: 3/14/2013

Field Sample #: B-52_3-13-13 | Sampled: 3/13/2013 09:50

Sample ID: 13C0408-10

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	68	50	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 20:50	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
Bromomethane	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/15/13	3/19/13 20:50	EEH
n-Butylbenzene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
sec-Butylbenzene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 20:50	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 20:50	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13C0408

Date Received: 3/14/2013

Field Sample #: B-52_3-13-13 | Sampled: 3/13/2013 09:50

Sample ID: 13C0408-10

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/15/13	3/19/13 20:50	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
2-Hexanone (MBK)	ND	10	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 20:50	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
Methylene Chloride	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 20:50	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 20:50	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 20:50	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	88.2	70-130		3/19/13 20:50
Toluene-d8	98.3	70-130		3/19/13 20:50
4-Bromofluorobenzene	101	70-130		3/19/13 20:50

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13C0408

Date Received: 3/14/2013

Field Sample #: B-45_3-13-13 | Sampled: 3/13/2013 09:25

Sample ID: 13C0408-11

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	72	50	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 21:16	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
Bromomethane	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/15/13	3/19/13 21:16	EEH
n-Butylbenzene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
sec-Butylbenzene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 21:16	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 21:16	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13C0408

Date Received: 3/14/2013

Field Sample #: B-45_3-13-13 | Sampled: 3/13/2013 09:25

Sample ID: 13C0408-11

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/15/13	3/19/13 21:16	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
2-Hexanone (MBK)	ND	10	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 21:16	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
Methylene Chloride	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 21:16	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 21:16	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:16	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	86.6	70-130		3/19/13 21:16
Toluene-d8	97.2	70-130		3/19/13 21:16
4-Bromofluorobenzene	104	70-130		3/19/13 21:16

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13C0408

Date Received: 3/14/2013

Field Sample #: FD-01_3-13-13 | Sampled: 3/13/2013 00:00

Sample ID: 13C0408-12

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 21:43	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
Bromomethane	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	3/15/13	3/19/13 21:43	EEH
n-Butylbenzene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
sec-Butylbenzene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
Chloromethane	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 21:43	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 21:43	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Buffalo, NY | Sample Description: | Work Order: 13C0408

Date Received: 3/14/2013

Field Sample #: FD-01_3-13-13 | Sampled: 3/13/2013 00:00

Sample ID: 13C0408-12

Sample Matrix: Ground Water

Sample Flags: PR-10

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	3/15/13	3/19/13 21:43	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
2-Hexanone (MBK)	ND	10	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 21:43	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
Methylene Chloride	ND	5.0	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 21:43	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1	V-05	SW-846 8260C	3/15/13	3/19/13 21:43	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
Toluene	1.3	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	3/15/13	3/19/13 21:43	EEH

Surrogates	% Recovery	Recovery Limits	Flag	
1,2-Dichloroethane-d4	85.0	70-130		3/19/13 21:43
Toluene-d8	99.3	70-130		3/19/13 21:43
4-Bromofluorobenzene	101	70-130		3/19/13 21:43

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Sample Extraction Data

Prep Method: SW-846 5030B-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
13C0408-01 [FB-1_3-13-13]	B069146	5	5.00	03/15/13
13C0408-02 [B-46_3-13-13]	B069146	5	5.00	03/15/13
13C0408-03 [B-54_3-13-13]	B069146	5	5.00	03/15/13
13C0408-04 [B-48_3-13-13]	B069146	5	5.00	03/15/13
13C0408-05 [B-47_3-13-13]	B069146	5	5.00	03/15/13
13C0408-06 [B-50_3-13-13]	B069146	5	5.00	03/15/13
13C0408-07 [B-51_3-13-13]	B069146	5	5.00	03/15/13
13C0408-08 [B-53_3-13-13]	B069146	5	5.00	03/15/13
13C0408-09 [B-44_3-13-13]	B069146	5	5.00	03/15/13
13C0408-10 [B-52_3-13-13]	B069146	5	5.00	03/15/13
13C0408-11 [B-45_3-13-13]	B069146	5	5.00	03/15/13
13C0408-12 [FD-01_3-13-13]	B069146	5	5.00	03/15/13

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B069146 - SW-846 5030B										
Blank (B069146-BLK1)				Prepared: 03/15/13 Analyzed: 03/19/13						
Acetone	ND	50	µg/L							V-05
Acrylonitrile	ND	5.0	µg/L							
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L							
Benzene	ND	1.0	µg/L							
Bromobenzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	5.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							V-16
n-Butylbenzene	ND	2.0	µg/L							
sec-Butylbenzene	ND	2.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	4.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							V-05
2-Chlorotoluene	ND	1.0	µg/L							
4-Chlorotoluene	ND	1.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
Dibromomethane	ND	1.0	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L							V-05
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							V-05
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B069146 - SW-846 5030B											
Blank (B069146-BLK1)				Prepared: 03/15/13 Analyzed: 03/19/13							
Methylene Chloride	ND	5.0	µg/L							V-05	
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							V-05	
Naphthalene	ND	2.0	µg/L								
n-Propylbenzene	ND	1.0	µg/L								
Styrene	ND	1.0	µg/L								
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L								
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L								
Tetrachloroethylene	ND	1.0	µg/L								
Tetrahydrofuran	ND	10	µg/L								
Toluene	ND	1.0	µg/L								
1,2,3-Trichlorobenzene	ND	5.0	µg/L								
1,2,4-Trichlorobenzene	ND	1.0	µg/L								
1,3,5-Trichlorobenzene	ND	1.0	µg/L								
1,1,1-Trichloroethane	ND	1.0	µg/L								
1,1,2-Trichloroethane	ND	1.0	µg/L								
Trichloroethylene	ND	1.0	µg/L								
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L								
1,2,3-Trichloropropane	ND	2.0	µg/L								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	µg/L								
1,2,4-Trimethylbenzene	ND	1.0	µg/L								
1,3,5-Trimethylbenzene	ND	1.0	µg/L								
Vinyl Chloride	ND	2.0	µg/L								
m+p Xylene	ND	2.0	µg/L								
o-Xylene	ND	1.0	µg/L								
Surrogate: 1,2-Dichloroethane-d4	*22.9*		µg/L	25.0		91.5	70-130				
Surrogate: Toluene-d8	*23.7*		µg/L	25.0		95.0	70-130				
Surrogate: 4-Bromofluorobenzene	*26.0*		µg/L	25.0		104	70-130				
LCS (B069146-BS1)				Prepared: 03/15/13 Analyzed: 03/19/13							
Acetone	74.4	50	µg/L	100		74.4	70-160			V-05	†
Acrylonitrile	8.60	5.0	µg/L	10.0		86.0	70-130				
tert-Amyl Methyl Ether (TAME)	10.5	0.50	µg/L	10.0		105	70-130				
Benzene	10.8	1.0	µg/L	10.0		108	70-130				
Bromobenzene	11.2	1.0	µg/L	10.0		112	70-130				
Bromochloromethane	8.79	1.0	µg/L	10.0		87.9	70-130				
Bromodichloromethane	10.1	0.50	µg/L	10.0		101	70-130				
Bromoform	9.88	1.0	µg/L	10.0		98.8	70-130				
Bromomethane	8.16	5.0	µg/L	10.0		81.6	40-160				†
2-Butanone (MEK)	70.3	20	µg/L	100		70.3	40-160				†
tert-Butyl Alcohol (TBA)	76.8	20	µg/L	100		76.8	40-160			V-16	†
n-Butylbenzene	10.3	2.0	µg/L	10.0		103	70-130				
sec-Butylbenzene	11.6	2.0	µg/L	10.0		116	70-130				
tert-Butylbenzene	12.0	1.0	µg/L	10.0		120	70-130				
tert-Butyl Ethyl Ether (TBEE)	10.4	0.50	µg/L	10.0		104	70-130				
Carbon Disulfide	8.82	4.0	µg/L	10.0		88.2	70-130				
Carbon Tetrachloride	10.6	5.0	µg/L	10.0		106	70-130				
Chlorobenzene	12.7	1.0	µg/L	10.0		127	70-130				
Chlorodibromomethane	10.3	0.50	µg/L	10.0		103	70-130				
Chloroethane	10.5	2.0	µg/L	10.0		105	70-130				
Chloroform	11.2	2.0	µg/L	10.0		112	70-130				
Chloromethane	7.26	2.0	µg/L	10.0		72.6	40-160			V-05	†
2-Chlorotoluene	12.8	1.0	µg/L	10.0		128	70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B069146 - SW-846 5030B											
LCS (B069146-BS1)				Prepared: 03/15/13 Analyzed: 03/19/13							
4-Chlorotoluene	12.7	1.0	µg/L	10.0		127	70-130				
1,2-Dibromo-3-chloropropane (DBCP)	7.49	5.0	µg/L	10.0		74.9	70-130				
1,2-Dibromoethane (EDB)	11.0	0.50	µg/L	10.0		110	70-130				
Dibromomethane	10.5	1.0	µg/L	10.0		105	70-130				
1,2-Dichlorobenzene	11.7	1.0	µg/L	10.0		117	70-130				
1,3-Dichlorobenzene	12.2	1.0	µg/L	10.0		122	70-130				
1,4-Dichlorobenzene	11.0	1.0	µg/L	10.0		110	70-130				
trans-1,4-Dichloro-2-butene	7.02	2.0	µg/L	10.0		70.2	70-130			V-05	
Dichlorodifluoromethane (Freon 12)	7.40	2.0	µg/L	10.0		74.0	40-160				†
1,1-Dichloroethane	10.4	1.0	µg/L	10.0		104	70-130				
1,2-Dichloroethane	9.97	1.0	µg/L	10.0		99.7	70-130				
1,1-Dichloroethylene	9.74	1.0	µg/L	10.0		97.4	70-130				
cis-1,2-Dichloroethylene	9.82	1.0	µg/L	10.0		98.2	70-130				
trans-1,2-Dichloroethylene	10.6	1.0	µg/L	10.0		106	70-130				
1,2-Dichloropropane	9.43	1.0	µg/L	10.0		94.3	70-130				
1,3-Dichloropropane	10.3	0.50	µg/L	10.0		103	70-130				
2,2-Dichloropropane	11.2	1.0	µg/L	10.0		112	40-130				†
1,1-Dichloropropene	11.3	2.0	µg/L	10.0		113	70-130				
cis-1,3-Dichloropropene	10.0	0.50	µg/L	10.0		100	70-130				
trans-1,3-Dichloropropene	10.3	0.50	µg/L	10.0		103	70-130				
Diethyl Ether	9.08	2.0	µg/L	10.0		90.8	70-130				
Diisopropyl Ether (DIPE)	9.54	0.50	µg/L	10.0		95.4	70-130				
1,4-Dioxane	89.8	50	µg/L	100		89.8	40-130			V-16	†
Ethylbenzene	11.5	1.0	µg/L	10.0		115	70-130				
Hexachlorobutadiene	11.0	0.50	µg/L	10.0		110	70-130				
2-Hexanone (MBK)	71.7	10	µg/L	100		71.7	70-160			V-05	†
Isopropylbenzene (Cumene)	12.8	1.0	µg/L	10.0		128	70-130				
p-Isopropyltoluene (p-Cymene)	12.1	1.0	µg/L	10.0		121	70-130				
Methyl tert-Butyl Ether (MTBE)	10.8	1.0	µg/L	10.0		108	70-130				
Methylene Chloride	7.17	5.0	µg/L	10.0		71.7	70-130			V-05	
4-Methyl-2-pentanone (MIBK)	73.5	10	µg/L	100		73.5	70-160			V-05	†
Naphthalene	9.55	2.0	µg/L	10.0		95.5	40-130				†
n-Propylbenzene	12.6	1.0	µg/L	10.0		126	70-130				
Styrene	12.1	1.0	µg/L	10.0		121	70-130				
1,1,1,2-Tetrachloroethane	11.1	1.0	µg/L	10.0		111	70-130				
1,1,2,2-Tetrachloroethane	10.2	0.50	µg/L	10.0		102	70-130				
Tetrachloroethylene	12.3	1.0	µg/L	10.0		123	70-130				
Tetrahydrofuran	7.66	10	µg/L	10.0		76.6	70-130				
Toluene	11.4	1.0	µg/L	10.0		114	70-130				
1,2,3-Trichlorobenzene	9.89	5.0	µg/L	10.0		98.9	70-130				
1,2,4-Trichlorobenzene	10.6	1.0	µg/L	10.0		106	70-130				
1,3,5-Trichlorobenzene	11.5	1.0	µg/L	10.0		115	70-130				
1,1,1-Trichloroethane	11.4	1.0	µg/L	10.0		114	70-130				
1,1,2-Trichloroethane	10.2	1.0	µg/L	10.0		102	70-130				
Trichloroethylene	10.9	1.0	µg/L	10.0		109	70-130				
Trichlorofluoromethane (Freon 11)	11.9	2.0	µg/L	10.0		119	70-130				
1,2,3-Trichloropropane	9.60	2.0	µg/L	10.0		96.0	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.4	2.0	µg/L	10.0		124	70-130				
1,2,4-Trimethylbenzene	10.9	1.0	µg/L	10.0		109	70-130				
1,3,5-Trimethylbenzene	11.6	1.0	µg/L	10.0		116	70-130				
Vinyl Chloride	10.4	2.0	µg/L	10.0		104	40-160				†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B069146 - SW-846 5030B											
LCS (B069146-BS1)				Prepared: 03/15/13 Analyzed: 03/19/13							
m+p Xylene	24.8	2.0	µg/L	20.0		124	70-130				
o-Xylene	12.7	1.0	µg/L	10.0		127	70-130				
Surrogate: 1,2-Dichloroethane-d4	*23.4*		µg/L	25.0		93.4	70-130				
Surrogate: Toluene-d8	*24.3*		µg/L	25.0		97.3	70-130				
Surrogate: 4-Bromofluorobenzene	*25.9*		µg/L	25.0		104	70-130				
LCS Dup (B069146-BSD1)				Prepared: 03/15/13 Analyzed: 03/19/13							
Acetone	78.2	50	µg/L	100		78.2	70-160	4.99	25	V-05	†
Acrylonitrile	8.15	5.0	µg/L	10.0		81.5	70-130	5.37	25		
tert-Amyl Methyl Ether (TAME)	10.7	0.50	µg/L	10.0		107	70-130	2.17	25		
Benzene	10.3	1.0	µg/L	10.0		103	70-130	5.10	25		
Bromobenzene	11.2	1.0	µg/L	10.0		112	70-130	0.357	25		
Bromochloromethane	8.67	1.0	µg/L	10.0		86.7	70-130	1.37	25		
Bromodichloromethane	9.97	0.50	µg/L	10.0		99.7	70-130	1.30	25		
Bromoform	10.2	1.0	µg/L	10.0		102	70-130	2.89	25		
Bromomethane	9.82	5.0	µg/L	10.0		98.2	40-160	18.5	25		†
2-Butanone (MEK)	73.6	20	µg/L	100		73.6	40-160	4.52	25		†
tert-Butyl Alcohol (TBA)	83.7	20	µg/L	100		83.7	40-160	8.67	25	V-16	†
n-Butylbenzene	9.90	2.0	µg/L	10.0		99.0	70-130	4.35	25		
sec-Butylbenzene	11.0	2.0	µg/L	10.0		110	70-130	5.76	25		
tert-Butylbenzene	11.8	1.0	µg/L	10.0		118	70-130	1.52	25		
tert-Butyl Ethyl Ether (TBEE)	10.3	0.50	µg/L	10.0		103	70-130	1.64	25		
Carbon Disulfide	7.65	4.0	µg/L	10.0		76.5	70-130	14.2	25		
Carbon Tetrachloride	10.1	5.0	µg/L	10.0		101	70-130	4.93	25		
Chlorobenzene	12.6	1.0	µg/L	10.0		126	70-130	0.554	25		
Chlorodibromomethane	10.6	0.50	µg/L	10.0		106	70-130	2.88	25		
Chloroethane	10.2	2.0	µg/L	10.0		102	70-130	3.48	25		
Chloroform	10.7	2.0	µg/L	10.0		107	70-130	4.76	25		
Chloromethane	7.27	2.0	µg/L	10.0		72.7	40-160	0.138	25	V-05	†
2-Chlorotoluene	12.4	1.0	µg/L	10.0		124	70-130	3.17	25		
4-Chlorotoluene	12.4	1.0	µg/L	10.0		124	70-130	2.63	25		
1,2-Dibromo-3-chloropropane (DBCP)	7.91	5.0	µg/L	10.0		79.1	70-130	5.45	25		
1,2-Dibromoethane (EDB)	11.3	0.50	µg/L	10.0		113	70-130	2.70	25		
Dibromomethane	10.6	1.0	µg/L	10.0		106	70-130	1.52	25		
1,2-Dichlorobenzene	11.4	1.0	µg/L	10.0		114	70-130	2.51	25		
1,3-Dichlorobenzene	11.8	1.0	µg/L	10.0		118	70-130	3.57	25		
1,4-Dichlorobenzene	10.9	1.0	µg/L	10.0		109	70-130	0.640	25		
trans-1,4-Dichloro-2-butene	7.48	2.0	µg/L	10.0		74.8	70-130	6.34	25	V-05	
Dichlorodifluoromethane (Freon 12)	6.89	2.0	µg/L	10.0		68.9	40-160	7.14	25		†
1,1-Dichloroethane	9.90	1.0	µg/L	10.0		99.0	70-130	4.83	25		
1,2-Dichloroethane	9.97	1.0	µg/L	10.0		99.7	70-130	0.00	25		
1,1-Dichloroethylene	9.02	1.0	µg/L	10.0		90.2	70-130	7.68	25		
cis-1,2-Dichloroethylene	9.27	1.0	µg/L	10.0		92.7	70-130	5.76	25		
trans-1,2-Dichloroethylene	9.95	1.0	µg/L	10.0		99.5	70-130	6.33	25		
1,2-Dichloropropane	9.65	1.0	µg/L	10.0		96.5	70-130	2.31	25		
1,3-Dichloropropane	10.1	0.50	µg/L	10.0		101	70-130	1.87	25		
2,2-Dichloropropane	10.7	1.0	µg/L	10.0		107	40-130	4.67	25		†
1,1-Dichloropropene	10.6	2.0	µg/L	10.0		106	70-130	6.22	25		
cis-1,3-Dichloropropene	9.95	0.50	µg/L	10.0		99.5	70-130	0.501	25		
trans-1,3-Dichloropropene	10.6	0.50	µg/L	10.0		106	70-130	2.67	25		
Diethyl Ether	8.66	2.0	µg/L	10.0		86.6	70-130	4.74	25		
Diisopropyl Ether (DIPE)	9.30	0.50	µg/L	10.0		93.0	70-130	2.55	25		

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes	
Batch B069146 - SW-846 5030B												
LCS Dup (B069146-BSD1)				Prepared: 03/15/13 Analyzed: 03/19/13								
1,4-Dioxane	90.2	50	µg/L	100		90.2		40-130	0.444	50	V-16	† ‡
Ethylbenzene	11.8	1.0	µg/L	10.0		118		70-130	2.14	25		
Hexachlorobutadiene	10.5	0.50	µg/L	10.0		105		70-130	4.66	25		
2-Hexanone (MBK)	78.8	10	µg/L	100		78.8		70-160	9.34	25	V-05	†
Isopropylbenzene (Cumene)	12.6	1.0	µg/L	10.0		126		70-130	1.10	25		
p-Isopropyltoluene (p-Cymene)	11.2	1.0	µg/L	10.0		112		70-130	8.05	25		
Methyl tert-Butyl Ether (MTBE)	11.2	1.0	µg/L	10.0		112		70-130	3.28	25		
Methylene Chloride	6.63	5.0	µg/L	10.0		**66.3**	*	70-130	7.83	25	L-07, V-05	
4-Methyl-2-pentanone (MIBK)	79.8	10	µg/L	100		79.8		70-160	8.19	25	V-05	†
Naphthalene	10.4	2.0	µg/L	10.0		104		40-130	8.90	25		†
n-Propylbenzene	12.4	1.0	µg/L	10.0		124		70-130	1.84	25		
Styrene	11.6	1.0	µg/L	10.0		116		70-130	3.80	25		
1,1,1,2-Tetrachloroethane	11.0	1.0	µg/L	10.0		110		70-130	0.908	25		
1,1,2,2-Tetrachloroethane	10.6	0.50	µg/L	10.0		106		70-130	3.95	25		
Tetrachloroethylene	12.1	1.0	µg/L	10.0		121		70-130	1.97	25		
Tetrahydrofuran	8.33	10	µg/L	10.0		83.3		70-130	8.38	25		
Toluene	11.0	1.0	µg/L	10.0		110		70-130	3.83	25		
1,2,3-Trichlorobenzene	10.5	5.0	µg/L	10.0		105		70-130	5.60	25		
1,2,4-Trichlorobenzene	10.7	1.0	µg/L	10.0		107		70-130	0.375	25		
1,3,5-Trichlorobenzene	10.9	1.0	µg/L	10.0		109		70-130	5.81	25		
1,1,1-Trichloroethane	11.0	1.0	µg/L	10.0		110		70-130	3.58	25		
1,1,2-Trichloroethane	10.6	1.0	µg/L	10.0		106		70-130	3.56	25		
Trichloroethylene	10.5	1.0	µg/L	10.0		105		70-130	3.83	25		
Trichlorofluoromethane (Freon 11)	11.0	2.0	µg/L	10.0		110		70-130	7.86	25		
1,2,3-Trichloropropane	10.3	2.0	µg/L	10.0		103		70-130	6.65	25		
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6	2.0	µg/L	10.0		116		70-130	7.26	25		
1,2,4-Trimethylbenzene	10.3	1.0	µg/L	10.0		103		70-130	5.77	25		
1,3,5-Trimethylbenzene	11.4	1.0	µg/L	10.0		114		70-130	1.47	25		
Vinyl Chloride	9.73	2.0	µg/L	10.0		97.3		40-160	6.66	25		†
m+p Xylene	24.0	2.0	µg/L	20.0		120		70-130	3.40	25		
o-Xylene	12.2	1.0	µg/L	10.0		122		70-130	4.01	25		
Surrogate: 1,2-Dichloroethane-d4	*23.2*		µg/L	25.0		92.9		70-130				
Surrogate: Toluene-d8	*24.5*		µg/L	25.0		97.9		70-130				
Surrogate: 4-Bromofluorobenzene	*26.5*		µg/L	25.0		106		70-130				
Matrix Spike (B069146-MS1)		**Source: 13C0408-09**		Prepared: 03/15/13 Analyzed: 03/19/13								
Acetone	49.8	50	µg/L	100	ND	**49.8**	*	70-130			MS-07A, V-05	
Acrylonitrile	5.52	5.0	µg/L	10.0	ND	**55.2**	*	70-130			MS-07A	
tert-Amyl Methyl Ether (TAME)	9.12	0.50	µg/L	10.0	ND	91.2		70-130				
Benzene	10.8	1.0	µg/L	10.0	ND	108		70-130				
Bromobenzene	10.6	1.0	µg/L	10.0	ND	106		70-130				
Bromochloromethane	8.53	1.0	µg/L	10.0	ND	85.3		70-130				
Bromodichloromethane	10.5	0.50	µg/L	10.0	ND	105		70-130				
Bromoform	7.87	1.0	µg/L	10.0	ND	78.7		70-130				
Bromomethane	11.5	5.0	µg/L	10.0	ND	115		70-130				
2-Butanone (MEK)	43.1	20	µg/L	100	ND	**43.1**	*	70-130			MS-07A	
tert-Butyl Alcohol (TBA)	49.6	20	µg/L	100	ND	**49.6**	*	70-130			MS-07A, V-16	
n-Butylbenzene	9.87	2.0	µg/L	10.0	ND	98.7		70-130				
sec-Butylbenzene	11.4	2.0	µg/L	10.0	ND	114		70-130				
tert-Butylbenzene	12.2	1.0	µg/L	10.0	ND	122		70-130				
tert-Butyl Ethyl Ether (TBEE)	9.51	0.50	µg/L	10.0	ND	95.1		70-130				
Carbon Disulfide	8.23	4.0	µg/L	10.0	ND	82.3		70-130				

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B069146 - SW-846 5030B											
Matrix Spike (B069146-MS1)	**Source: 13C0408-09**			Prepared: 03/15/13 Analyzed: 03/19/13							
Carbon Tetrachloride	10.9	5.0	µg/L	10.0	ND	109		70-130			
Chlorobenzene	12.7	1.0	µg/L	10.0	ND	127		70-130			
Chlorodibromomethane	9.82	0.50	µg/L	10.0	ND	98.2		70-130			
Chloroethane	11.3	2.0	µg/L	10.0	ND	113		70-130			
Chloroform	11.2	2.0	µg/L	10.0	ND	112		70-130			
Chloromethane	8.47	2.0	µg/L	10.0	ND	84.7		70-130			V-05
2-Chlorotoluene	12.6	1.0	µg/L	10.0	ND	126		70-130			
4-Chlorotoluene	12.0	1.0	µg/L	10.0	ND	120		70-130			
1,2-Dibromo-3-chloropropane (DBCP)	4.67	5.0	µg/L	10.0	ND	**46.7**	*	70-130			MS-07A
1,2-Dibromoethane (EDB)	9.40	0.50	µg/L	10.0	ND	94.0		70-130			
Dibromomethane	9.78	1.0	µg/L	10.0	ND	97.8		70-130			
1,2-Dichlorobenzene	10.7	1.0	µg/L	10.0	ND	107		70-130			
1,3-Dichlorobenzene	11.7	1.0	µg/L	10.0	ND	117		70-130			
1,4-Dichlorobenzene	10.6	1.0	µg/L	10.0	ND	106		70-130			
trans-1,4-Dichloro-2-butene	4.61	2.0	µg/L	10.0	ND	**46.1**	*	70-130			MS-07A, V-05
Dichlorodifluoromethane (Freon 12)	7.26	2.0	µg/L	10.0	ND	72.6		70-130			
1,1-Dichloroethane	10.2	1.0	µg/L	10.0	ND	102		70-130			
1,2-Dichloroethane	9.91	1.0	µg/L	10.0	ND	99.1		70-130			
1,1-Dichloroethylene	9.90	1.0	µg/L	10.0	ND	99.0		70-130			
cis-1,2-Dichloroethylene	9.69	1.0	µg/L	10.0	ND	96.9		70-130			
trans-1,2-Dichloroethylene	10.8	1.0	µg/L	10.0	ND	108		70-130			
1,2-Dichloropropane	9.88	1.0	µg/L	10.0	ND	98.8		70-130			
1,3-Dichloropropane	9.50	0.50	µg/L	10.0	ND	95.0		70-130			
2,2-Dichloropropane	9.80	1.0	µg/L	10.0	ND	98.0		70-130			
1,1-Dichloropropene	11.4	2.0	µg/L	10.0	ND	114		70-130			
cis-1,3-Dichloropropene	9.47	0.50	µg/L	10.0	ND	94.7		70-130			
trans-1,3-Dichloropropene	9.46	0.50	µg/L	10.0	ND	94.6		70-130			
Diethyl Ether	8.62	2.0	µg/L	10.0	ND	86.2		70-130			
Diisopropyl Ether (DIPE)	9.18	0.50	µg/L	10.0	ND	91.8		70-130			
1,4-Dioxane	62.4	50	µg/L	100	ND	**62.4**	*	70-130			MS-07A, V-16
Ethylbenzene	11.7	1.0	µg/L	10.0	ND	117		70-130			
Hexachlorobutadiene	9.13	0.50	µg/L	10.0	ND	91.3		70-130			
2-Hexanone (MBK)	49.1	10	µg/L	100	ND	**49.1**	*	70-130			MS-07A, V-05
Isopropylbenzene (Cumene)	12.6	1.0	µg/L	10.0	ND	126		70-130			
p-Isopropyltoluene (p-Cymene)	11.7	1.0	µg/L	10.0	ND	117		70-130			
Methyl tert-Butyl Ether (MTBE)	9.26	1.0	µg/L	10.0	ND	92.6		70-130			
Methylene Chloride	5.79	5.0	µg/L	10.0	ND	**57.9**	*	70-130			MS-07A, V-05
4-Methyl-2-pentanone (MIBK)	52.1	10	µg/L	100	ND	**52.1**	*	70-130			MS-07A, V-05
Naphthalene	4.79	2.0	µg/L	10.0	ND	**47.9**	*	70-130			MS-07A
n-Propylbenzene	12.2	1.0	µg/L	10.0	ND	122		70-130			
Styrene	11.5	1.0	µg/L	10.0	ND	115		70-130			
1,1,1,2-Tetrachloroethane	11.0	1.0	µg/L	10.0	ND	110		70-130			
1,1,2,2-Tetrachloroethane	7.59	0.50	µg/L	10.0	ND	75.9		70-130			
Tetrachloroethylene	12.6	1.0	µg/L	10.0	ND	126		70-130			
Tetrahydrofuran	4.94	10	µg/L	10.0	ND	**49.4**	*	70-130			MS-07A
Toluene	12.4	1.0	µg/L	10.0	0.820	115		70-130			
1,2,3-Trichlorobenzene	5.48	5.0	µg/L	10.0	ND	**54.8**	*	70-130			MS-07A
1,2,4-Trichlorobenzene	7.28	1.0	µg/L	10.0	ND	72.8		70-130			
1,3,5-Trichlorobenzene	9.53	1.0	µg/L	10.0	ND	95.3		70-130			
1,1,1-Trichloroethane	11.8	1.0	µg/L	10.0	ND	118		70-130			
1,1,2-Trichloroethane	9.31	1.0	µg/L	10.0	ND	93.1		70-130			
Trichloroethylene	11.2	1.0	µg/L	10.0	ND	112		70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B069146 - SW-846 5030B											
Matrix Spike (B069146-MS1)	**Source: 13C0408-09**			Prepared: 03/15/13 Analyzed: 03/19/13							
Trichlorofluoromethane (Freon 11)	12.8	2.0	µg/L	10.0	ND	128		70-130			
1,2,3-Trichloropropane	6.94	2.0	µg/L	10.0	ND	**69.4**	*	70-130			MS-22
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.1	2.0	µg/L	10.0	ND	121		70-130			
1,2,4-Trimethylbenzene	11.1	1.0	µg/L	10.0	ND	111		70-130			
1,3,5-Trimethylbenzene	11.4	1.0	µg/L	10.0	ND	114		70-130			
Vinyl Chloride	11.1	2.0	µg/L	10.0	ND	111		70-130			
m+p Xylene	25.1	2.0	µg/L	20.0	0.770	122		70-130			
o-Xylene	12.6	1.0	µg/L	10.0	ND	126		70-130			
Surrogate: 1,2-Dichloroethane-d4	*22.1*		µg/L	25.0		88.5		70-130			
Surrogate: Toluene-d8	*24.7*		µg/L	25.0		99.0		70-130			
Surrogate: 4-Bromofluorobenzene	*25.6*		µg/L	25.0		102		70-130			
Matrix Spike Dup (B069146-MSD1)	**Source: 13C0408-09**			Prepared: 03/15/13 Analyzed: 03/19/13							
Acetone	51.1	50	µg/L	100	ND	**51.1**	*	70-130	2.46	30	MS-07A, V-05
Acrylonitrile	5.56	5.0	µg/L	10.0	ND	**55.6**	*	70-130	0.722	30	MS-07A
tert-Amyl Methyl Ether (TAME)	8.12	0.50	µg/L	10.0	ND	81.2		70-130	11.6	30	
Benzene	10.8	1.0	µg/L	10.0	ND	108		70-130	0.278	30	
Bromobenzene	10.6	1.0	µg/L	10.0	ND	106		70-130	0.0941	30	
Bromochloromethane	8.34	1.0	µg/L	10.0	ND	83.4		70-130	2.25	30	
Bromodichloromethane	10.2	0.50	µg/L	10.0	ND	102		70-130	3.20	30	
Bromoform	7.96	1.0	µg/L	10.0	ND	79.6		70-130	1.14	30	
Bromomethane	11.0	5.0	µg/L	10.0	ND	110		70-130	3.90	30	
2-Butanone (MEK)	43.5	20	µg/L	100	ND	**43.5**	*	70-130	0.878	30	MS-07A
tert-Butyl Alcohol (TBA)	52.5	20	µg/L	100	ND	**52.5**	*	70-130	5.74	30	V-16, MS-07A
n-Butylbenzene	9.66	2.0	µg/L	10.0	ND	96.6		70-130	2.15	30	
sec-Butylbenzene	11.2	2.0	µg/L	10.0	ND	112		70-130	1.33	30	
tert-Butylbenzene	12.0	1.0	µg/L	10.0	ND	120		70-130	1.81	30	
tert-Butyl Ethyl Ether (TBEE)	8.57	0.50	µg/L	10.0	ND	85.7		70-130	10.4	30	
Carbon Disulfide	7.95	4.0	µg/L	10.0	ND	79.5		70-130	3.46	30	
Carbon Tetrachloride	10.4	5.0	µg/L	10.0	ND	104		70-130	4.32	30	
Chlorobenzene	12.8	1.0	µg/L	10.0	ND	128		70-130	0.626	30	
Chlorodibromomethane	9.65	0.50	µg/L	10.0	ND	96.5		70-130	1.75	30	
Chloroethane	10.7	2.0	µg/L	10.0	ND	107		70-130	5.38	30	
Chloroform	10.9	2.0	µg/L	10.0	ND	109		70-130	3.26	30	
Chloromethane	7.50	2.0	µg/L	10.0	ND	75.0		70-130	12.1	30	V-05
2-Chlorotoluene	12.4	1.0	µg/L	10.0	ND	124		70-130	1.52	30	
4-Chlorotoluene	12.2	1.0	µg/L	10.0	ND	122		70-130	1.56	30	
1,2-Dibromo-3-chloropropane (DBCP)	4.68	5.0	µg/L	10.0	ND	**46.8**	*	70-130	0.214	30	MS-07A
1,2-Dibromoethane (EDB)	9.44	0.50	µg/L	10.0	ND	94.4		70-130	0.425	30	
Dibromomethane	9.60	1.0	µg/L	10.0	ND	96.0		70-130	1.86	30	
1,2-Dichlorobenzene	10.8	1.0	µg/L	10.0	ND	108		70-130	0.279	30	
1,3-Dichlorobenzene	11.4	1.0	µg/L	10.0	ND	114		70-130	2.08	30	
1,4-Dichlorobenzene	10.6	1.0	µg/L	10.0	ND	106		70-130	0.376	30	
trans-1,4-Dichloro-2-butene	4.64	2.0	µg/L	10.0	ND	**46.4**	*	70-130	0.649	30	MS-07A, V-05
Dichlorodifluoromethane (Freon 12)	7.07	2.0	µg/L	10.0	ND	70.7		70-130	2.65	30	
1,1-Dichloroethane	9.94	1.0	µg/L	10.0	ND	99.4		70-130	3.07	30	
1,2-Dichloroethane	9.70	1.0	µg/L	10.0	ND	97.0		70-130	2.14	30	
1,1-Dichloroethylene	9.46	1.0	µg/L	10.0	ND	94.6		70-130	4.55	30	
cis-1,2-Dichloroethylene	9.59	1.0	µg/L	10.0	ND	95.9		70-130	1.04	30	
trans-1,2-Dichloroethylene	10.3	1.0	µg/L	10.0	ND	103		70-130	4.27	30	
1,2-Dichloropropane	9.46	1.0	µg/L	10.0	ND	94.6		70-130	4.34	30	
1,3-Dichloropropane	9.23	0.50	µg/L	10.0	ND	92.3		70-130	2.88	30	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B069146 - SW-846 5030B											
Matrix Spike Dup (B069146-MSD1)	**Source: 13C0408-09**			Prepared: 03/15/13 Analyzed: 03/19/13							
2,2-Dichloropropane	8.87	1.0	µg/L	10.0	ND	88.7		70-130	9.96	30	
1,1-Dichloropropene	10.9	2.0	µg/L	10.0	ND	109		70-130	4.56	30	
cis-1,3-Dichloropropene	9.27	0.50	µg/L	10.0	ND	92.7		70-130	2.13	30	
trans-1,3-Dichloropropene	9.13	0.50	µg/L	10.0	ND	91.3		70-130	3.55	30	
Diethyl Ether	8.24	2.0	µg/L	10.0	ND	82.4		70-130	4.51	30	
Diisopropyl Ether (DIPE)	8.99	0.50	µg/L	10.0	ND	89.9		70-130	2.09	30	
1,4-Dioxane	60.0	50	µg/L	100	ND	**60.0**	*	70-130	3.98	30	MS-07A, V-16
Ethylbenzene	11.9	1.0	µg/L	10.0	ND	119		70-130	1.70	30	
Hexachlorobutadiene	9.13	0.50	µg/L	10.0	ND	91.3		70-130	0.00	30	
2-Hexanone (MBK)	48.3	10	µg/L	100	ND	**48.3**	*	70-130	1.52	30	MS-07A, V-05
Isopropylbenzene (Cumene)	12.6	1.0	µg/L	10.0	ND	126		70-130	0.477	30	
p-Isopropyltoluene (p-Cymene)	11.4	1.0	µg/L	10.0	ND	114		70-130	2.25	30	
Methyl tert-Butyl Ether (MTBE)	8.53	1.0	µg/L	10.0	ND	85.3		70-130	8.21	30	
Methylene Chloride	5.38	5.0	µg/L	10.0	ND	**53.8**	*	70-130	7.34	30	MS-07A, V-05
4-Methyl-2-pentanone (MIBK)	52.1	10	µg/L	100	ND	**52.1**	*	70-130	0.0192	30	MS-07A, V-05
Naphthalene	5.49	2.0	µg/L	10.0	ND	**54.9**	*	70-130	13.6	30	MS-07A
n-Propylbenzene	12.4	1.0	µg/L	10.0	ND	124		70-130	2.03	30	
Styrene	11.5	1.0	µg/L	10.0	ND	115		70-130	0.347	30	
1,1,1,2-Tetrachloroethane	10.9	1.0	µg/L	10.0	ND	109		70-130	1.37	30	
1,1,2,2-Tetrachloroethane	7.64	0.50	µg/L	10.0	ND	76.4		70-130	0.657	30	
Tetrachloroethylene	12.1	1.0	µg/L	10.0	ND	121		70-130	3.81	30	
Tetrahydrofuran	5.68	10	µg/L	10.0	ND	**56.8**	*	70-130	13.9	30	MS-07A
Toluene	12.5	1.0	µg/L	10.0	0.820	117		70-130	1.45	30	
1,2,3-Trichlorobenzene	6.13	5.0	µg/L	10.0	ND	**61.3**	*	70-130	11.2	30	MS-07A
1,2,4-Trichlorobenzene	7.67	1.0	µg/L	10.0	ND	76.7		70-130	5.22	30	
1,3,5-Trichlorobenzene	9.45	1.0	µg/L	10.0	ND	94.5		70-130	0.843	30	
1,1,1-Trichloroethane	11.4	1.0	µg/L	10.0	ND	114		70-130	3.11	30	
1,1,2-Trichloroethane	9.31	1.0	µg/L	10.0	ND	93.1		70-130	0.00	30	
Trichloroethylene	11.0	1.0	µg/L	10.0	ND	110		70-130	1.98	30	
Trichlorofluoromethane (Freon 11)	12.2	2.0	µg/L	10.0	ND	122		70-130	4.40	30	
1,2,3-Trichloropropane	7.13	2.0	µg/L	10.0	ND	71.3		70-130	2.70	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.8	2.0	µg/L	10.0	ND	118		70-130	2.34	30	
1,2,4-Trimethylbenzene	10.8	1.0	µg/L	10.0	ND	108		70-130	2.56	30	
1,3,5-Trimethylbenzene	11.7	1.0	µg/L	10.0	ND	117		70-130	2.51	30	
Vinyl Chloride	10.9	2.0	µg/L	10.0	ND	109		70-130	1.72	30	
m+p Xylene	25.1	2.0	µg/L	20.0	0.770	122		70-130	0.0797	20	
o-Xylene	12.8	1.0	µg/L	10.0	ND	128		70-130	1.89	30	
Surrogate: 1,2-Dichloroethane-d4	*21.8*		µg/L	25.0		87.1		70-130			
Surrogate: Toluene-d8	*24.9*		µg/L	25.0		99.6		70-130			
Surrogate: 4-Bromofluorobenzene	*25.6*		µg/L	25.0		102		70-130			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
MS-07A	Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possiblity of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.
MS-22	Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.
PR-10	pH of sample (pH 7) is outside of method specified preservation criteria.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Acetone	CT,NY,ME,NH,VA
Acrylonitrile	CT,NY,ME,NH,VA
tert-Amyl Methyl Ether (TAME)	NY,ME,NH,VA
Benzene	CT,NY,ME,NH,VA
Bromochloromethane	NY,ME,NH,VA
Bromodichloromethane	CT,NY,ME,NH,VA
Bromoform	CT,NY,ME,NH,VA
Bromomethane	CT,NY,ME,NH,VA
2-Butanone (MEK)	CT,NY,ME,NH,VA
tert-Butyl Alcohol (TBA)	NY,ME,NH,VA
n-Butylbenzene	NY,ME,VA
sec-Butylbenzene	NY,ME,VA
tert-Butylbenzene	NY,ME,VA
tert-Butyl Ethyl Ether (TBEE)	NY,ME,NH,VA
Carbon Disulfide	CT,NY,ME,NH,VA
Carbon Tetrachloride	CT,NY,ME,NH,VA
Chlorobenzene	CT,NY,ME,NH,VA
Chlorodibromomethane	CT,NY,ME,NH,VA
Chloroethane	CT,NY,ME,NH,VA
Chloroform	CT,NY,ME,NH,VA
Chloromethane	CT,NY,ME,NH,VA
2-Chlorotoluene	NY,ME,NH,VA
4-Chlorotoluene	NY,ME,NH,VA
Dibromomethane	NY,ME,NH,VA
1,2-Dichlorobenzene	CT,NY,ME,NH,VA
1,3-Dichlorobenzene	CT,NY,ME,NH,VA
1,4-Dichlorobenzene	CT,NY,ME,NH,VA
trans-1,4-Dichloro-2-butene	NY,ME,NH,VA
Dichlorodifluoromethane (Freon 12)	NY,ME,NH,VA
1,1-Dichloroethane	CT,NY,ME,NH,VA
1,2-Dichloroethane	CT,NY,ME,NH,VA
1,1-Dichloroethylene	CT,NY,ME,NH,VA
cis-1,2-Dichloroethylene	NY,ME
trans-1,2-Dichloroethylene	CT,NY,ME,NH,VA
1,2-Dichloropropane	CT,NY,ME,NH,VA
1,3-Dichloropropane	NY,ME,VA
2,2-Dichloropropane	NY,ME,NH,VA
1,1-Dichloropropene	NY,ME,NH,VA
cis-1,3-Dichloropropene	CT,NY,ME,NH,VA
trans-1,3-Dichloropropene	CT,NY,ME,NH,VA
Diisopropyl Ether (DIPE)	NY,ME,NH,VA
Ethylbenzene	CT,NY,ME,NH,VA
Hexachlorobutadiene	CT,NY,ME,NH,VA
2-Hexanone (MBK)	CT,NY,ME,NH,VA
Isopropylbenzene (Cumene)	NY,ME,VA
p-Isopropyltoluene (p-Cymene)	CT,NY,ME,NH,VA
Methyl tert-Butyl Ether (MTBE)	CT,NY,ME,NH,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Water	
Methylene Chloride	CT,NY,ME,NH,VA
4-Methyl-2-pentanone (MIBK)	CT,NY,ME,NH,VA
Naphthalene	NY,ME,NH,VA
n-Propylbenzene	CT,NY,ME,NH,VA
Styrene	CT,NY,ME,NH,VA
1,1,1,2-Tetrachloroethane	CT,NY,ME,NH,VA
1,1,2,2-Tetrachloroethane	CT,NY,ME,NH,VA
Tetrachloroethylene	CT,NY,ME,NH,VA
Toluene	CT,NY,ME,NH,VA
1,2,3-Trichlorobenzene	NY,ME,NH,VA
1,2,4-Trichlorobenzene	CT,NY,ME,NH,VA
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NY,ME,NH,VA
1,1,2-Trichloroethane	CT,NY,ME,NH,VA
Trichloroethylene	CT,NY,ME,NH,VA
Trichlorofluoromethane (Freon 11)	CT,NY,ME,NH,VA
1,2,3-Trichloropropane	NY,ME,NH,VA
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	NY,VA
1,2,4-Trimethylbenzene	NY,ME,VA
1,3,5-Trimethylbenzene	NY,ME,VA
Vinyl Chloride	CT,NY,ME,NH,VA
m+p Xylene	CT,NY,ME,NH,VA
o-Xylene	CT,NY,ME,NH,VA

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2014
MA	Massachusetts DEP	M-MA100	06/30/2013
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2013
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2014
RI	Rhode Island Department of Health	LAO00112	12/30/2013
NC	North Carolina Div. of Water Quality	652	12/31/2013
NJ	New Jersey DEP	MA007 NELAP	06/30/2013
FL	Florida Department of Health	E871027 NELAP	06/30/2013
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2013
WA	State of Washington Department of Ecology	C2065	02/23/2014
ME	State of Maine	2011028	06/9/2013
VA	Commonwealth of Virginia	460217	12/14/2013
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2012

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CHAIN OF CUSTODY RECORD

13C0408

39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

Company Name: CDM SMITH
Address: 11 BRITISH AMERICAN BLVD
LATHAM, NY 12110
Attention: HEATHER HALLET
Project Location: BUFFALO, NY
Sampled By: M. PASSARO + E. ROSENZWEIG

Telephone: (518) 782-4500
Project # 0897-94461
Client PO # 0897-94461

DATA DELIVERY (check one):
☐ FAX ☒ EMAIL ☐ WEBSITE CLIENT
Fax # :
Email: HALLETHL@CDMSMITH.COM
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY
☒ OTHER NYSDEC CAT B + EDD

Proposal Provided? (For Billing purposes) ☐ yes _____ proposal date
State Form Required? ☐ yes ☐ no

Field ID	Sample Description	Lab #	Date Sampled: Start Date/~~Time~~	~~Stop~~ Date/Time	Comp-osite	Grab	*Matrix Code	Conc. Code	3 H V	VOC (8260)	# of contain	**Preserva	~Cont.Cod
	FB-1_3-13-13	01	3/13/13	1300	G		GW	V		X			
	B-46_3-13-13	02		1125									
	B-54-3-13-13	03		1105									
	B-48_3-13-13	04		1200									
	B-47_3-13-13	05		1145									
	B-50_3-13-13	06		1035									
	B-51_3-13-13	07		1015									
	B-53_3-13-13	08	↓	0900	↓		↓		↓				

ANALYSIS REQUESTED

~Cont. Co
A=amber g
G=glass
P=plastic
ST=sterile
V= vial
S=summa
T=tedlar ba
O=Other

Clien
Comme

Laboratory Comments: 3.0 / ICE

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in **Matrix/Conc.** Code Box:
H - High; **M** - Medium; **L** - Low; **C** - Clean; **U** - Unknown

Relinquished by: (signature)	Date/Time: 3/13/13 1345
Received by: (signature)	Date/Time: 3/14/13 0850
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Turnaround **
☒ 7-Day
☐ 10-Day
☐ Other ____
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
* Require lab approval

Detection Limit Requirements
Regulations? _____
Data Enhancement Project/RCP? ☐ Y ☐ N
Special Requirements or DL's: NYSDEC Pricing

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

****Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other
X = Na hydroxide
T = Na thiosulfate

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

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39 SPRUCE ST, 2ND FLOOR
EAST LONGMEADOW, MA 01028

CHAIN OF CUSTODY RECORD

13C0408

Company Name: CDM SMITH
Address: 11 BRITISH AMERICAN BLVD
LATHAM, NY 12110
Attention: HEATHER HALLET
Project Location: BUFFALO, NY
Sampled By: M. PASSARO + E. ROSENZWEIG

Telephone: (518) 782-4500
Project # 0397-94461
Client PO # 0897-94461

DATA DELIVERY (check one):
☐ FAX ☒ EMAIL ☐ WEBSITE CLIENT
Fax # :
Email: HALLETHL@CDMSMITH.COM
Format: ☒ EXCEL ☒ PDF ☐ GIS KEY
☒ OTHER NYSDEC CAT B + EDD

Proposal Provided? (For Billing purposes)
☐ yes _____ proposal date

State Form Required?
☐ yes ☐ no

Field ID	Sample Description	Lab #	Date Sampled: Start Date/~~Time~~	Date Sampled: ~~Stop~~ Date/Time	Comp-osite	Grab	*Matrix Code	Conc. Code
	B-44_3-13-13 MS/MSD	09	3/13/13	0830	X		GW	
	B-44_3-13-13 MSD	~~10~~	3/13/13	0830	X			
	B-44-3-13-13	~~11~~	3/13/13	0830	X			
	B-52_3-13-13	~~12~~ 10	3/13/13	0950		X		
	B-45_3-13-13	~~13~~ 11	3/13/13	0925				
	FD-01_3-13-13	~~14~~ 12	3/13/13	—				

ANALYSIS REQUESTED

# of contain	**Preserva	~Cont.Cod
3	H	V

VOC's (8260)

~Cont. Co
A=amber g
G=glass
P=plastic
ST=sterile
V= vial
S=summa
T=tedlar ba
O=Other

Clien
Comme

Laboratory Comments:

3.0/ICP

Please use the following codes to let Con-Test know if a specific sample may be high in concentration in **Matrix/Conc.** Code Box:

H - High; **M** - Medium; **L** - Low; **C** - Clean; **U** - Unknown

Relinquished by: (signature)	Date/Time: 3/13/13 1345		
Received by: (signature)	Date/Time: 3/14/13 0950		
Relinquished by: (signature)	Date/Time:		
Received by: (signature)	Date/Time:		

Turnaround **
☒ 7-Day
☐ 10-Day
☐ Other ____
RUSH *
☐ *24-Hr ☐ *48-Hr
☐ *72-Hr ☐ *4-Day
*** Require lab approval**

Detection Limit Requirements
Regulations? _____
Data Enhancement Project/RCP? ☐ Y ☐ N
Special Requirements or DL's: NYSDEC Part 9

***Matrix Code:**
GW= groundwater
WW= wastewater
DW= drinking water
A = air
S = soil/solid
SL = sludge
O = other

****Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium bisulfate
O = Other
X = Na hydroxide
T = Na thiosulfate

** TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

AIHA, NELAC & WBE/DBE Certified

FedEx.

801978680699

Ship (P/U) date :
Wed 3/13/2013 2:18 pm
US

Delivered
Signed for by: A.ARD

Actual delivery :
Thur 3/14/2013 9:50
MA US

Travel History

Date/Time	Activity	Location
- 3/14/2013 - Thursday		
9:50 am	Delivered	MA
8:07 am	On FedEx vehicle for delivery	WINDSOR LOCKS, CT
7:49 am	At local FedEx facility	WINDSOR LOCKS, CT
6:43 am	At destination sort facility	EAST GRANBY, CT
3:23 am	Departed FedEx location	MEMPHIS, TN
- 3/13/2013 - Wednesday		
11:52 pm	Arrived at FedEx location	MEMPHIS, TN
2:18 pm	Picked up Tendered at FedEx Office	CHEEKTOWAGA, NY

Local Scan

Shipment Facts

Tracking number	801978680699	**Service**	FedEx Standard Overnigl
Weight	27 lbs	**Dimensions**	17x14x12 in.
Delivered To	Shipping/Receiving	**Total pieces**	1
Total shipment weight	27 lbs / 12.2 kgs	**Shipper reference**	0897-94461-TSK2-FIEL I
Packaging	Your Packaging	**Special handling section**	Deliver Weekday, Additio Handling Surcharge

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
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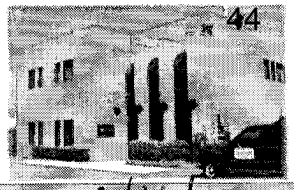
Sample Receipt Checklist



CLIENT NAME: CDM RECEIVED BY: VA DATE: 3/14

1) **Was the chain(s) of custody relinquished and signed?** (Yes) No **No CoC Included**

2) **Does the chain agree with the samples?** (Yes) No
If not, explain: * see below (KW)

3) **Are all the samples in good condition?** (Yes) No
If not, explain:

4) **How were the samples received:**
On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

Were the samples received in Temperature Compliance of (2-6°C)? (Yes) No N/A

Temperature °C by Temp blank _____ Temperature °C by Temp gun 3.0

5) **Are there Dissolved samples for the lab to filter?** Yes (No)
Who was notified _____ Date _____ Time _____

6) **Are there any RUSH or SHORT HOLDING TIME samples?** Yes (No)
Who was notified _____ Date _____ Time _____

7) **Location where samples are stored:** 19

Permission to subcontract samples? Yes No
(Walk-in clients only) if not already approved
Client Signature: _____

8) **Do all samples have the proper Acid pH:** Yes No (N/A) _____

9) **Do all samples have the proper Base pH:** Yes No (N/A) _____

10) **Was the PC notified of any discrepancies with the CoC vs the samples:** Yes No (N/A)

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	42	PM 2.5 / PM 10	
Colisure / bacteria bottle		PUF Cartridge	
Dissolved Oxygen bottle		SOC Kit	
Encore		TO-17 Tubes	
Flashpoint bottle		Non-ConTest Container	
Perchlorate Kit		Other glass jar	
Other		Other	

Laboratory Comments: * did not receive samples labeled FB-1_3-13-13. 6 vials labeled FB. Assigned 3 vials FB that had time of 13:00 (per COC)

40 mL vials: # HCl 42 # Methanol _____
Bisulfate _____ # DI Water _____
Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

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VOA

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VOLATILES SAMPLE DATA

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1 - FORM I
ANALYSIS DATA SHEET

FB-1_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-01	File ID:	ve078016.D
Sampled:	03/13/13 13:00	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 17:20
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	V-05
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	5.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	2.0	
135-98-8	sec-Butylbenzene		0.050	2.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	V-05
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

FB-1_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-01	File ID:	ve078016.D
Sampled:	03/13/13 13:00	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 17:20
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	V-05
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

FB-1_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-01	File ID:	ve078016.D
Sampled:	03/13/13 13:00	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 17:20
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	V-05
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	V-05
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	2.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

FB-1_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-01	File ID:	ve078016.D
Sampled:	03/13/13 13:00	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 17:20
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078016.D
Acq On : 19 Mar 2013 5:20 pm
Operator :
Sample : 13C0408-01 Inst : GCMSVOA5
Misc : 1
ALS Vial : 16 Sample Multiplier: 1

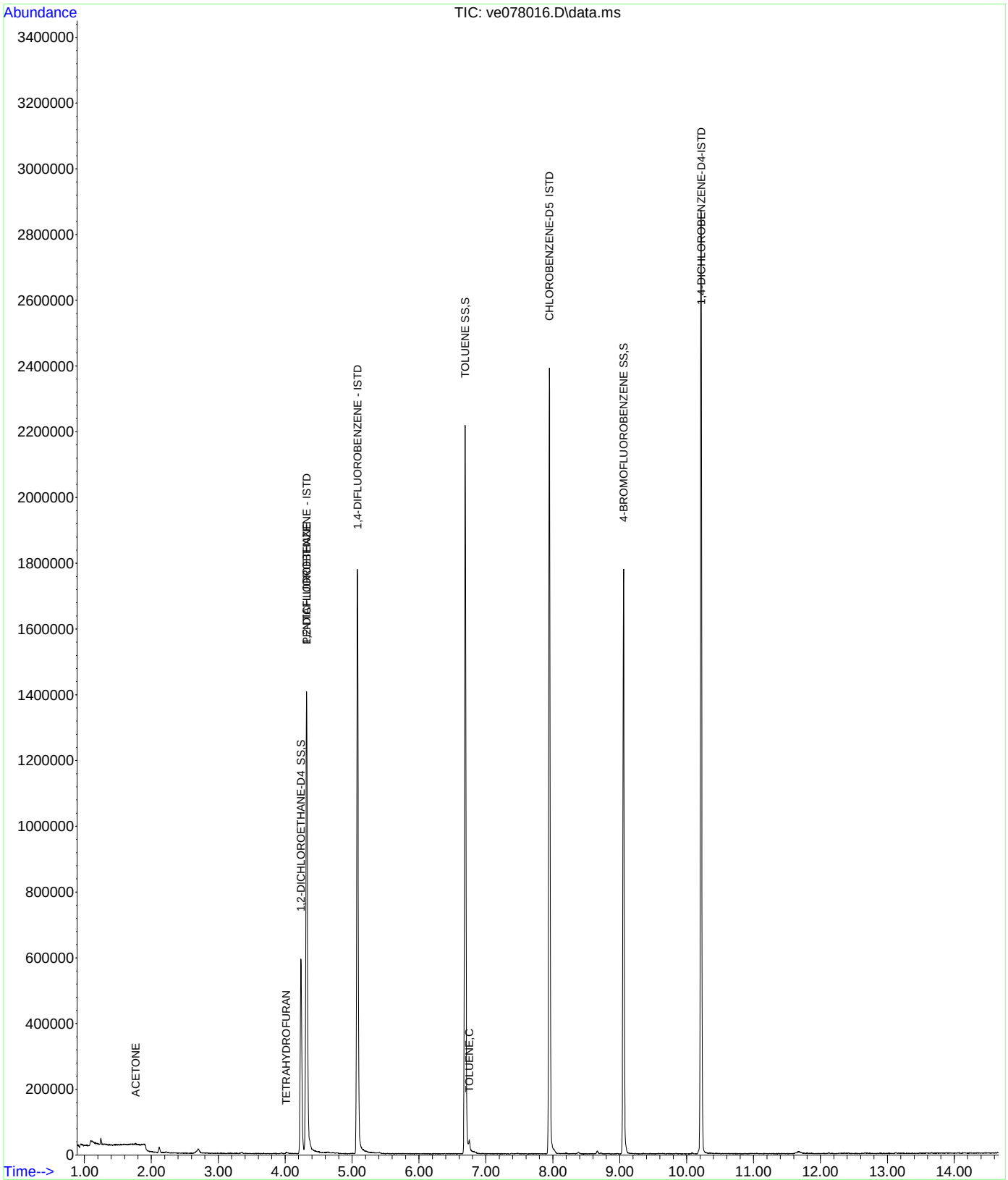
Quant Time: Mar 21 09:51:45 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

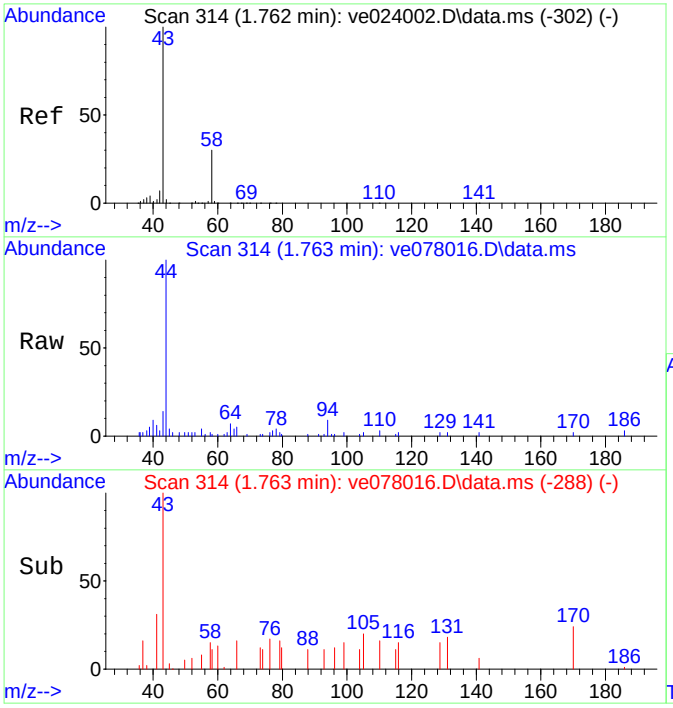
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.320	168	879030	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.081	114	1261368	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	590843	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.218	152	616771	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	364945	23.09	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.36%			
48) TOLUENE SS	6.690	98	1209773	24.34	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.36%			
70) 4-BROMOFLUOROBENZENE SS	9.058	95	463117	26.35	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.40%			
Target Compounds						Qvalue
14) ACETONE	1.763	43	1483	0.48	UG/L #	39
22) METHYLENE CHLORIDE	2.117	49	6430	Below Cal	#	81
23) CARBON DISULFIDE	2.217	76	2495	Below Cal		100
38) TETRAHYDROFURAN	4.013	42	732	0.28	UG/L #	30
49) 1,2-DICHLOROETHANE	4.320	62	3504	0.31	UG/L #	1
60) TOLUENE	6.751	91	14628	0.44	UG/L	100

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

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078016.D
Acq On : 19 Mar 2013 5:20 pm
Operator :
Sample : 13C0408-01 Inst : GCMSVOA5
Misc : 1
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 21 09:51:45 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

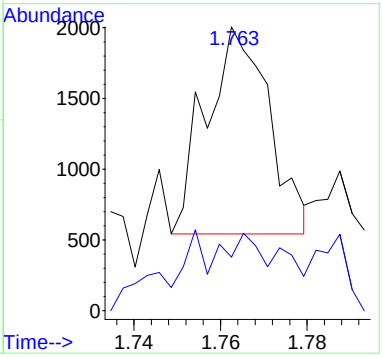


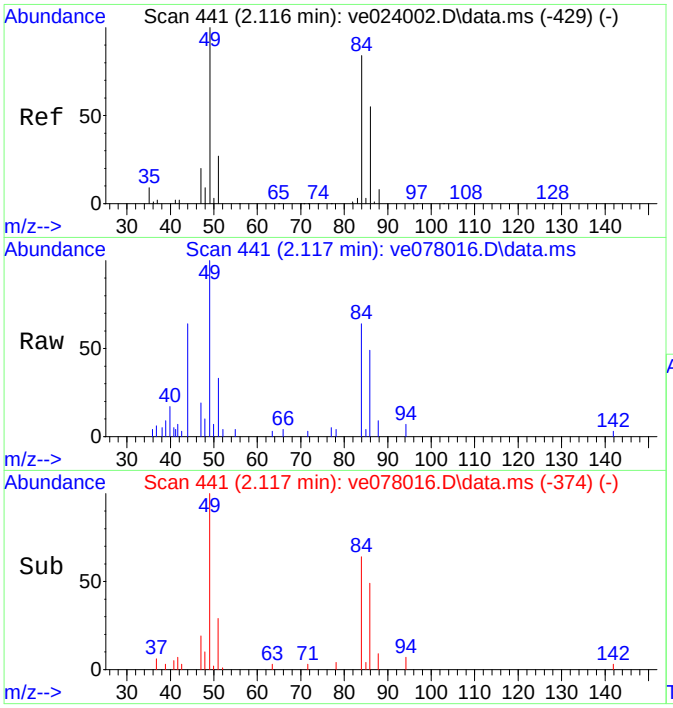


#14
ACETONE
Concen: 0.48 UG/L
RT: 1.763 min Scan# 314
Delta R.T. 0.001 min
Lab File: ve078016.D
Acq: 19 Mar 2013 5:20 pm

Tgt Ion: 43 Resp: 1483

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.2	42.4#

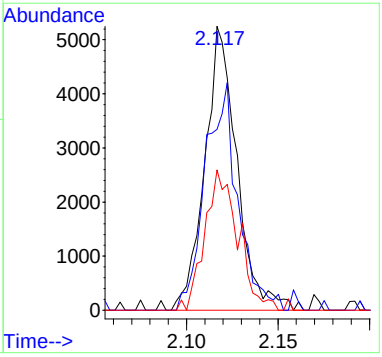


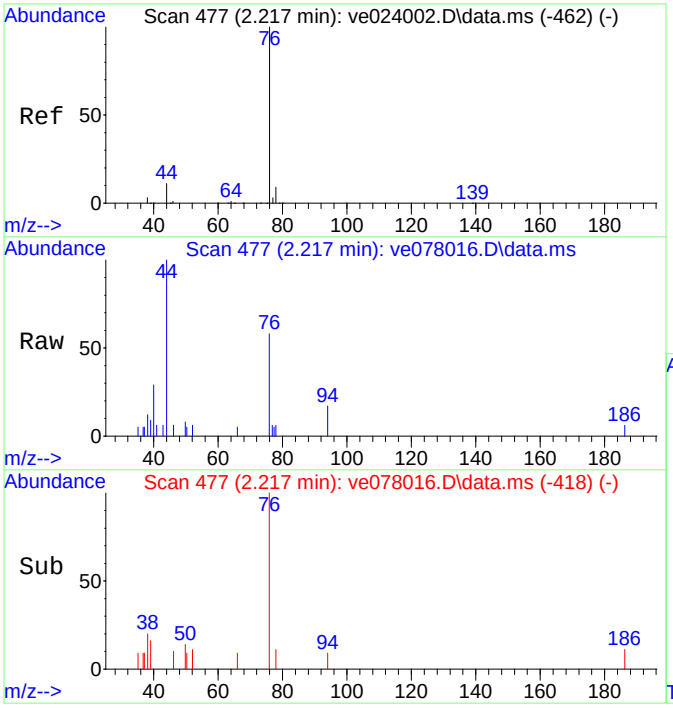


#22
METHYLENE CHLORIDE
Concen: Below Cal
RT: 2.117 min Scan# 441
Delta R.T. -0.002 min
Lab File: ve078016.D
Acq: 19 Mar 2013 5:20 pm

Tgt Ion: 49 Resp: 6430

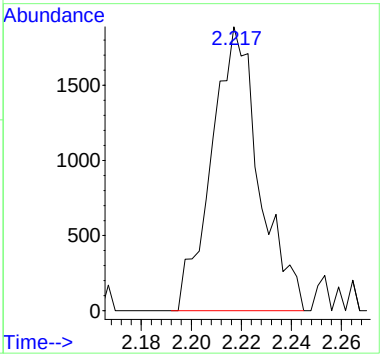
Ion	Ratio	Lower	Upper
49	100		
84	81.5	52.4	78.6#
86	50.9	32.2	48.2#

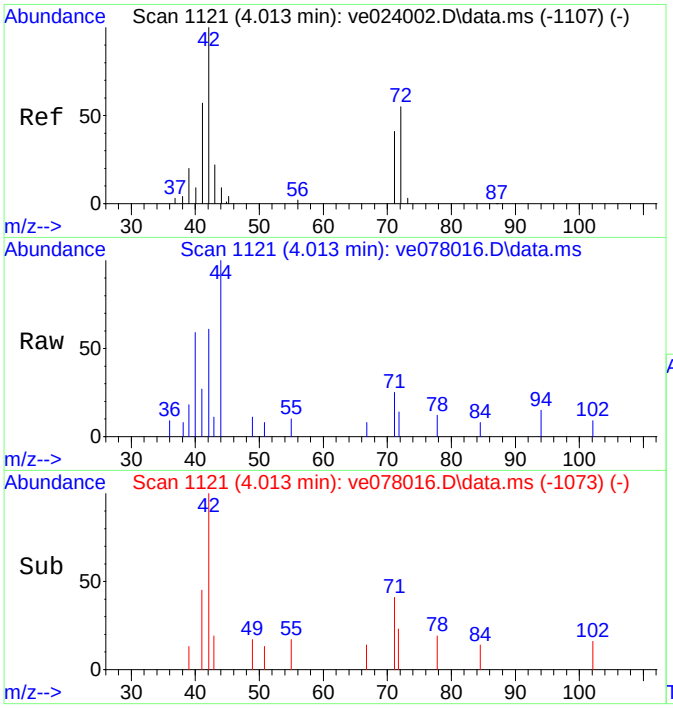




#23
CARBON DISULFIDE
Concen: Below Cal
RT: 2.217 min Scan# 477
Delta R.T. 0.000 min
Lab File: ve078016.D
Acq: 19 Mar 2013 5:20 pm

Tgt Ion: 76 Resp: 2495

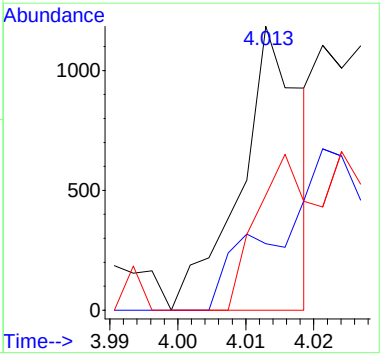


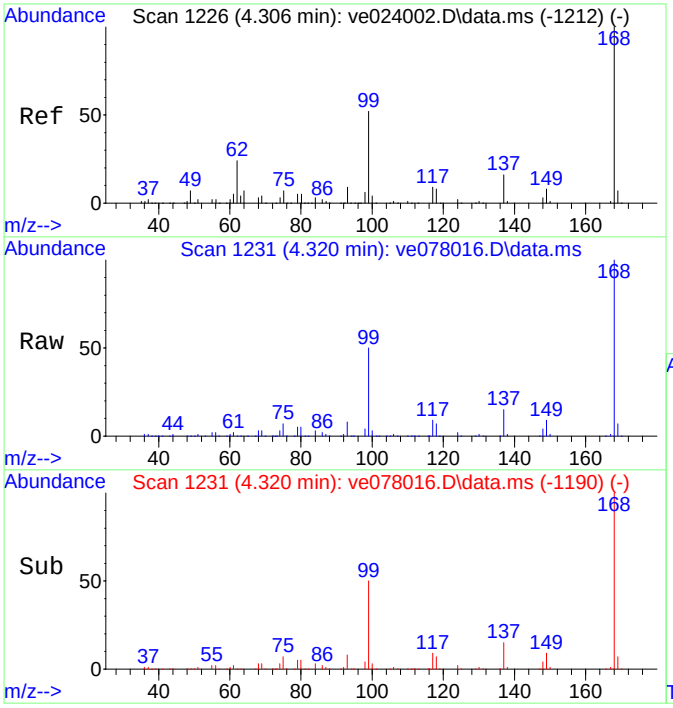


#38
TETRAHYDROFURAN
Concen: 0.28 UG/L
RT: 4.013 min Scan# 1121
Delta R.T. -0.000 min
Lab File: ve078016.D
Acq: 19 Mar 2013 5:20 pm

Tgt Ion: 42 Resp: 732

Ion	Ratio	Lower	Upper
42	100		
72	84.4	29.6	44.4#
71	0.0	28.6	43.0#

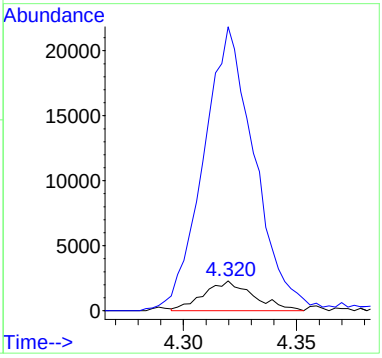


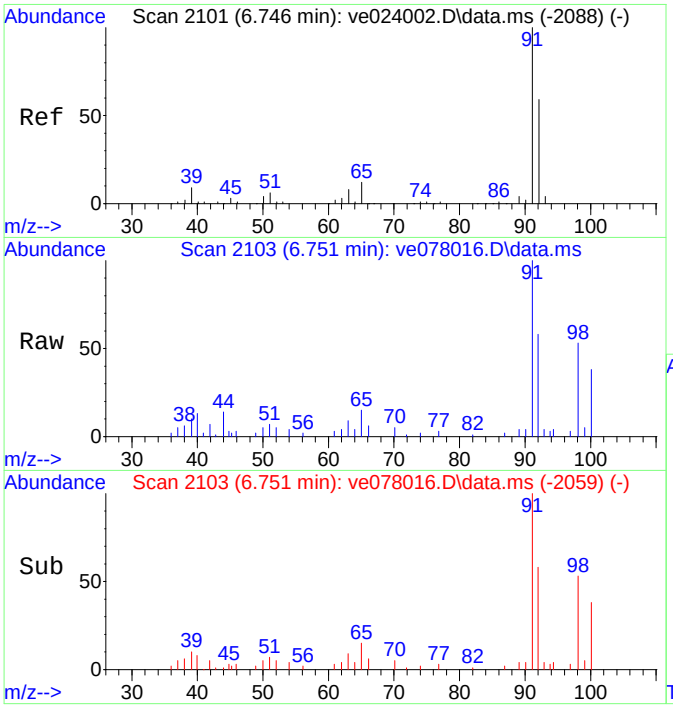


#49
1,2-DICHLOROETHANE
Concen: 0.31 UG/L
RT: 4.320 min Scan# 1231
Delta R.T. 0.011 min
Lab File: ve078016.D
Acq: 19 Mar 2013 5:20 pm

Tgt Ion: 62 Resp: 3504

Ion	Ratio	Lower	Upper
62	100		
98	986.8	22.7	34.1#

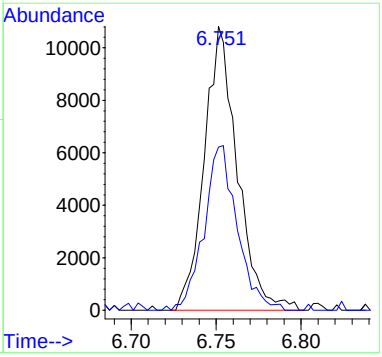




#60
TOLUENE
Concen: 0.44 UG/L
RT: 6.751 min Scan# 2103
Delta R.T. 0.000 min
Lab File: ve078016.D
Acq: 19 Mar 2013 5:20 pm

Tgt Ion: 91 Resp: 14628

Ion	Ratio	Lower	Upper
91	100		
92	58.4	46.6	70.0



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1 - FORM I
ANALYSIS DATA SHEET

B-46_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-02	File ID:	ve078017.D
Sampled:	03/13/13 11:25	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 17:46
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	V-05
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	5.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	2.0	
135-98-8	sec-Butylbenzene		0.050	2.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	V-05
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

B-46_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-02	File ID:	ve078017.D
Sampled:	03/13/13 11:25	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 17:46
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	V-05
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

B-46_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-02	File ID:	ve078017.D
Sampled:	03/13/13 11:25	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 17:46
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	V-05
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	V-05
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	2.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

B-46_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-02	File ID:	ve078017.D
Sampled:	03/13/13 11:25	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 17:46
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078017.D
Acq On : 19 Mar 2013 5:46 pm
Operator :
Sample : 13C0408-02 Inst : GCMSVOA5
Misc : 1
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 21 09:52:07 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

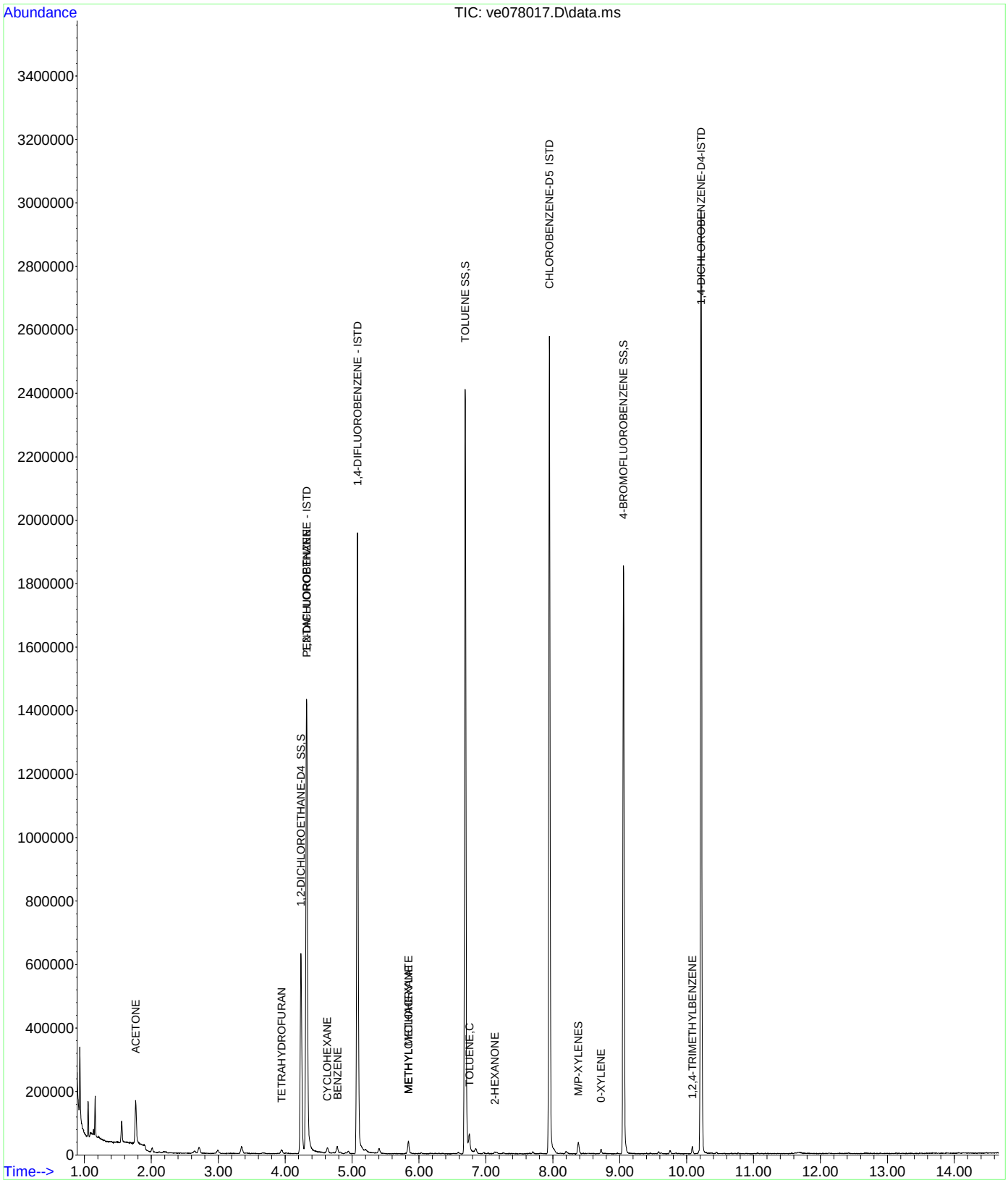
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.322	168	918508	30.00	UG/L		0.00
47) 1,4-DIFLUOROBENZENE - ...	5.081	114	1349285	30.00	UG/L		0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	627659	30.00	UG/L		0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	653203	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	390820	23.67	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.68%				
48) TOLUENE SS	6.690	98	1317700	24.78	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.12%				
70) 4-BROMOFLUOROBENZENE SS	9.055	95	488435	26.16	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.64%				
Target Compounds							Qvalue
14) ACETONE	1.765	43	114831	35.70	UG/L	#	82
22) METHYLENE CHLORIDE	2.117	49	682	Below Cal		#	24
23) CARBON DISULFIDE	2.223	76	2847	Below Cal			100
38) TETRAHYDROFURAN	3.946	42	1067	0.39	UG/L	#	38
42) CYCLOHEXANE	4.629	56	6384	0.43	UG/L	#	69
45) BENZENE	4.780	78	12115	0.36	UG/L		100
49) 1,2-DICHLOROETHANE	4.320	62	3628	0.30	UG/L	#	1
50) METHYL METHACRYLATE	5.842	41	5856	0.38	UG/L	#	54
52) METHYLCYCLOHEXANE	5.842	83	12703	0.92	UG/L	#	84
60) TOLUENE	6.754	91	27424	0.78	UG/L		99
64) 2-HEXANONE	7.131	43	2212	0.33	UG/L	#	20
74) M/P-XYLENES	8.377	91	18995	0.66	UG/L		97
75) 0-XYLENE	8.720	91	6302	0.23	UG/L		100
90) 1,2,4-TRIMETHYLBENZENE	10.084	105	9363	0.29	UG/L		99

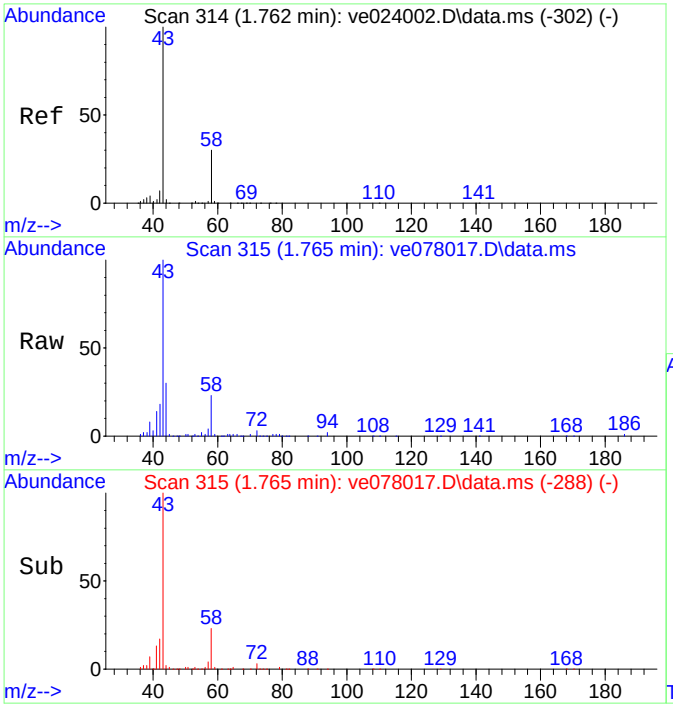
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078017.D
Acq On : 19 Mar 2013 5:46 pm
Operator :
Sample : 13C0408-02 Inst : GCMSVOA5
Misc : 1
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 21 09:52:07 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

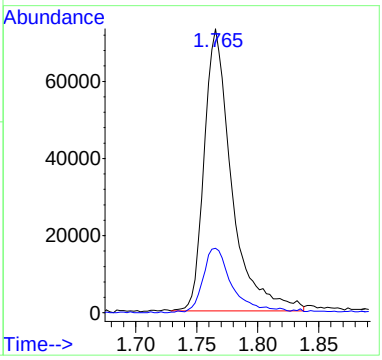


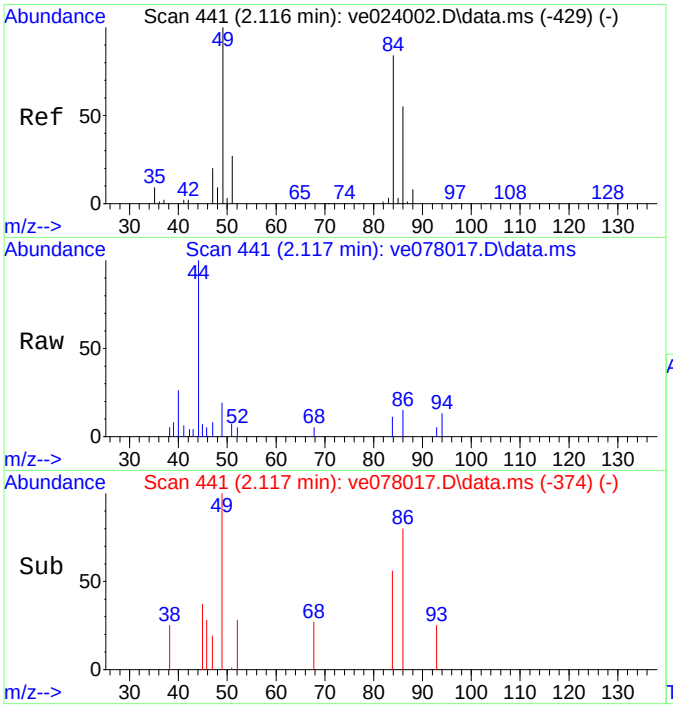


#14
ACETONE
Concen: 35.70 UG/L
RT: 1.765 min Scan# 315
Delta R.T. 0.003 min
Lab File: ve078017.D
Acq: 19 Mar 2013 5:46 pm

Tgt Ion: 43 Resp: 114831

Ion	Ratio	Lower	Upper
43	100		
58	24.6	28.2	42.4#

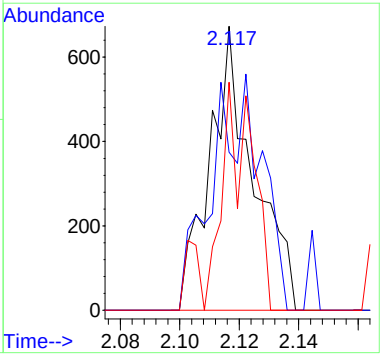


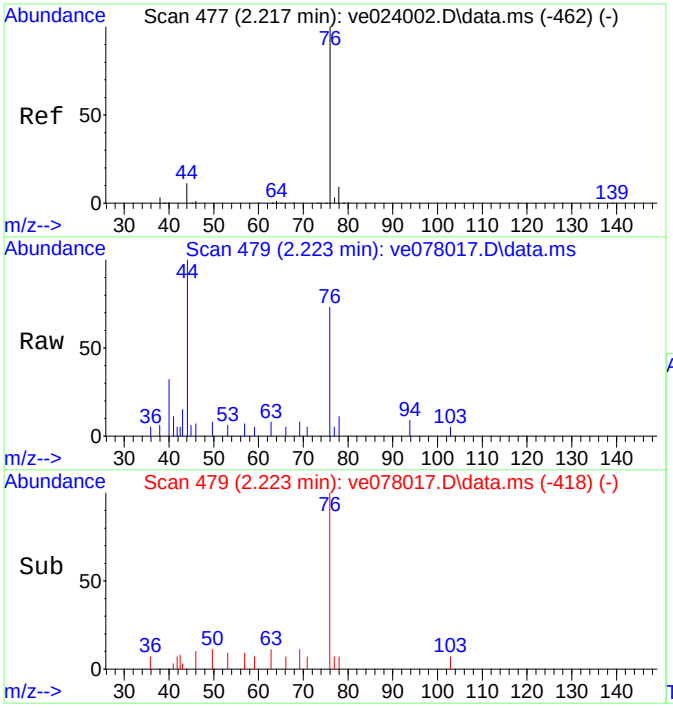


#22
METHYLENE CHLORIDE
Concen: Below Cal
RT: 2.117 min Scan# 441
Delta R.T. -0.002 min
Lab File: ve078017.D
Acq: 19 Mar 2013 5:46 pm

Tgt Ion: 49 Resp: 682

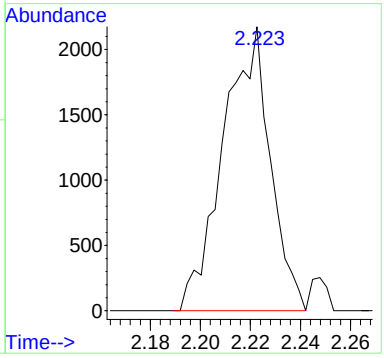
Ion	Ratio	Lower	Upper
49	100		
84	0.0	52.4	78.6#
86	0.0	32.2	48.2#

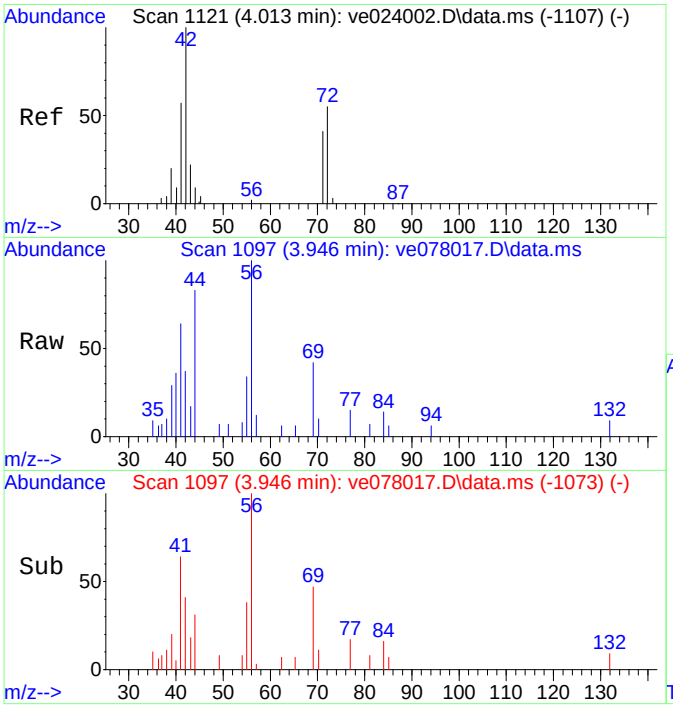




#23
CARBON DISULFIDE
Concen: Below Cal
RT: 2.223 min Scan# 479
Delta R.T. 0.006 min
Lab File: ve078017.D
Acq: 19 Mar 2013 5:46 pm

Tgt Ion: 76 Resp: 2847

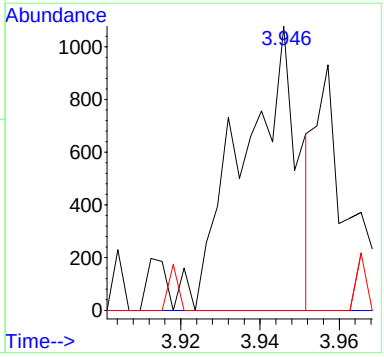


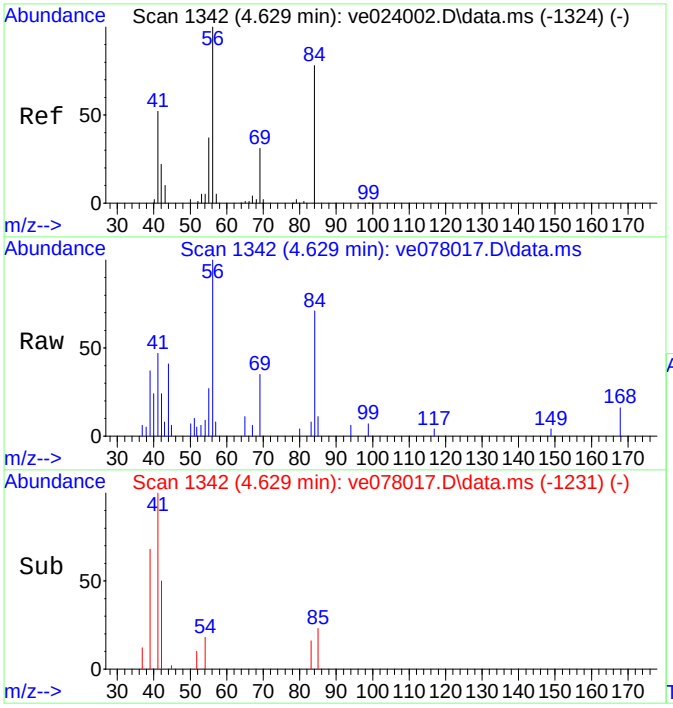


#38
TETRAHYDROFURAN
Concen: 0.39 UG/L
RT: 3.946 min Scan# 1097
Delta R.T. -0.067 min
Lab File: ve078017.D
Acq: 19 Mar 2013 5:46 pm

Tgt Ion: 42 Resp: 1067

Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.6	44.4#
71	0.0	28.6	43.0#

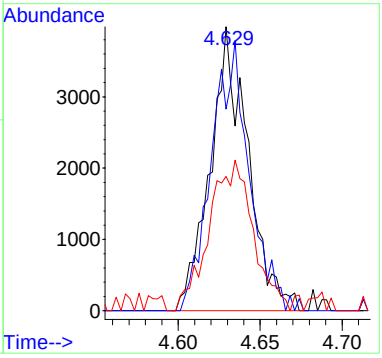


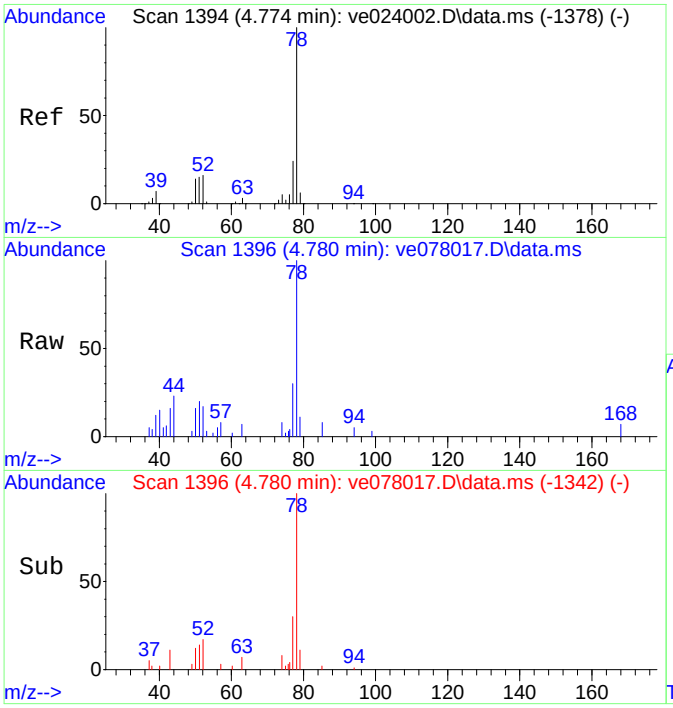


#42
CYCLOHEXANE
Concen: 0.43 UG/L
RT: 4.629 min Scan# 1342
Delta R.T. -0.003 min
Lab File: ve078017.D
Acq: 19 Mar 2013 5:46 pm

Tgt Ion: 56 Resp: 6384

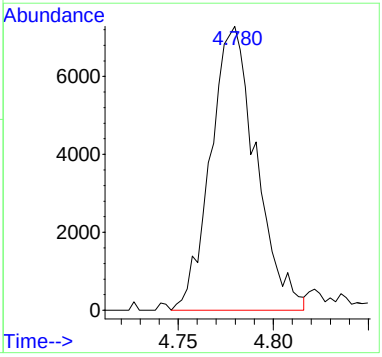
Ion	Ratio	Lower	Upper
56	100		
84	95.1	51.0	76.4#
41	61.5	39.0	58.6#

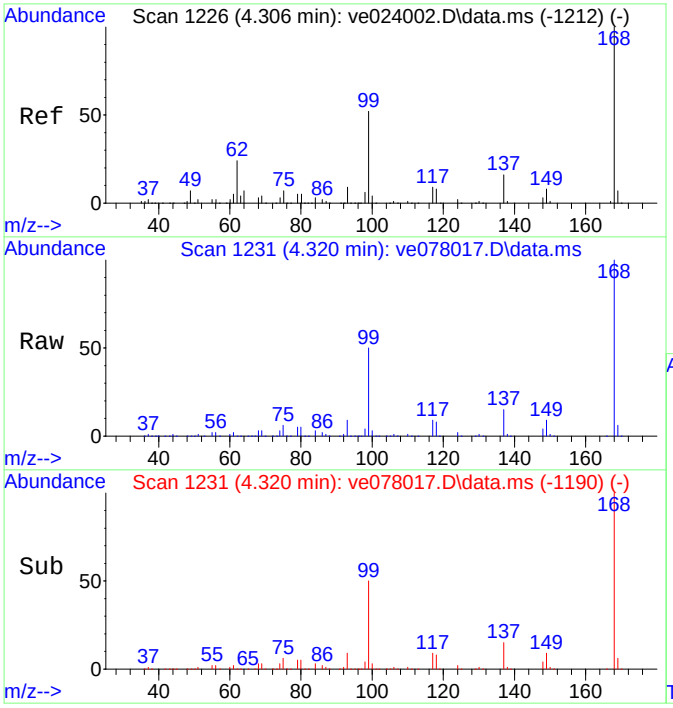




#45
BENZENE
Concen: 0.36 UG/L
RT: 4.780 min Scan# 1396
Delta R.T. 0.003 min
Lab File: ve078017.D
Acq: 19 Mar 2013 5:46 pm

Tgt Ion: 78 Resp: 12115

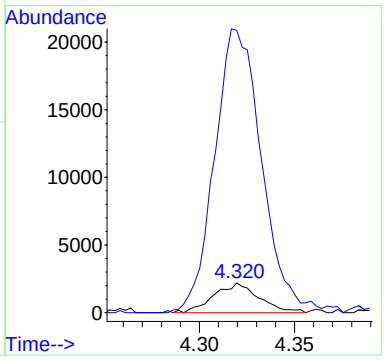


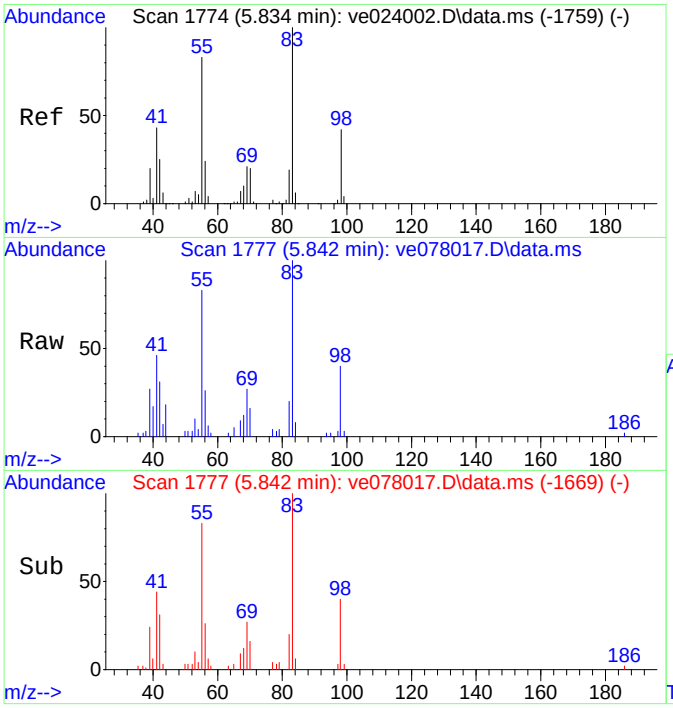


#49
1,2-DICHLOROETHANE
Concen: 0.30 UG/L
RT: 4.320 min Scan# 1231
Delta R.T. 0.011 min
Lab File: ve078017.D
Acq: 19 Mar 2013 5:46 pm

Tgt Ion: 62 Resp: 3628

Ion	Ratio	Lower	Upper
62	100		
98	992.4	22.7	34.1#

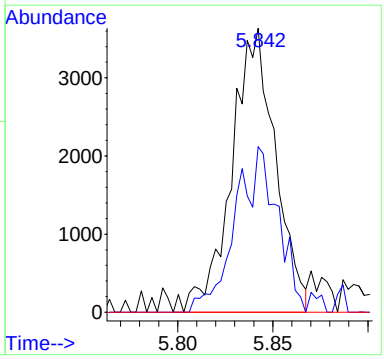


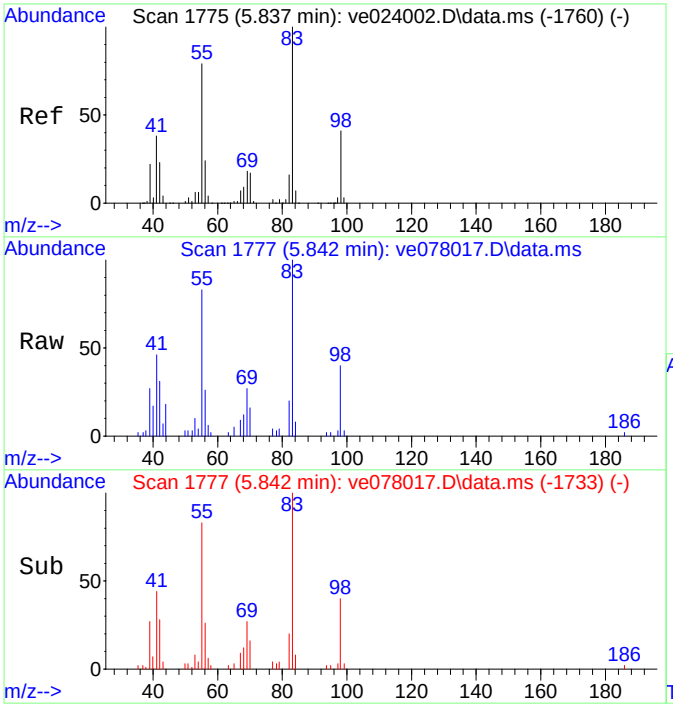


#50
METHYL METHACRYLATE
Concen: 0.38 UG/L
RT: 5.842 min Scan# 1777
Delta R.T. 0.000 min
Lab File: ve078017.D
Acq: 19 Mar 2013 5:46 pm

Tgt Ion: 41 Resp: 5856

Ion	Ratio	Lower	Upper
41	100		
69	29.6	50.4	75.6#
100	0.0	21.6	32.4#

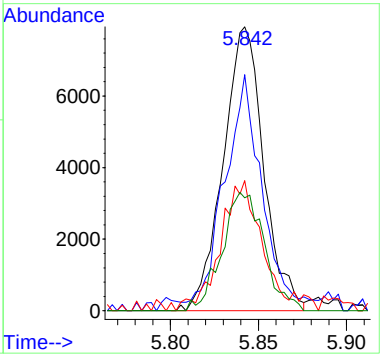


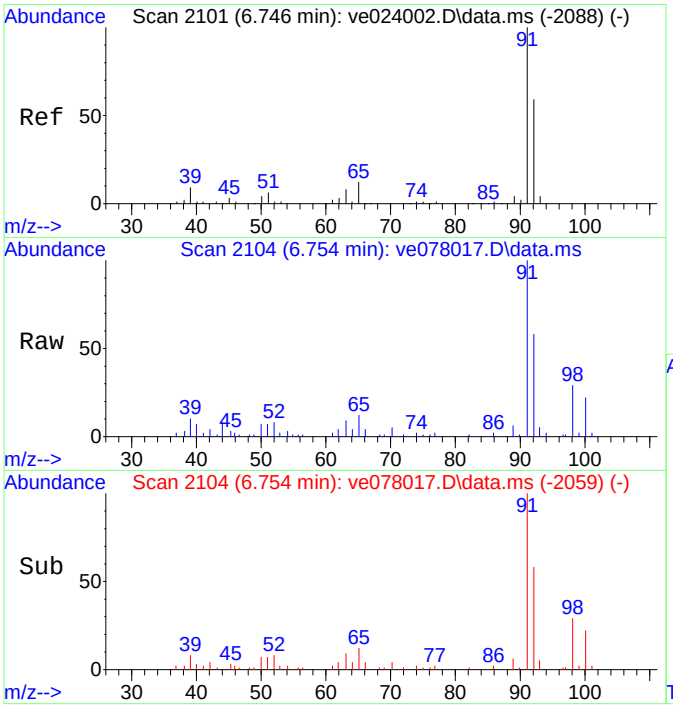


#52
METHYLCYCLOHEXANE
Concen: 0.92 UG/L
RT: 5.842 min Scan# 1777
Delta R.T. 0.000 min
Lab File: ve078017.D
Acq: 19 Mar 2013 5:46 pm

Tgt Ion: 83 Resp: 12703

Ion	Ratio	Lower	Upper
83	100		
55	69.9	78.9	118.3#
41	46.1	37.6	56.4
98	43.6	37.2	55.8

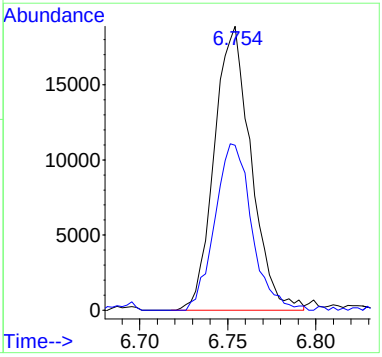


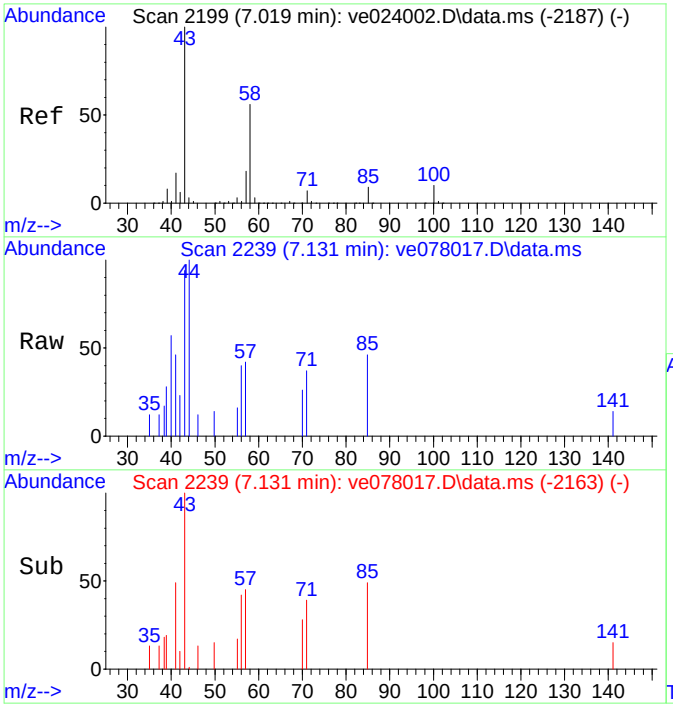


#60
TOLUENE
Concen: 0.78 UG/L
RT: 6.754 min Scan# 2104
Delta R.T. 0.003 min
Lab File: ve078017.D
Acq: 19 Mar 2013 5:46 pm

Tgt Ion: 91 Resp: 27424

Ion	Ratio	Lower	Upper
91	100		
92	58.8	46.6	70.0

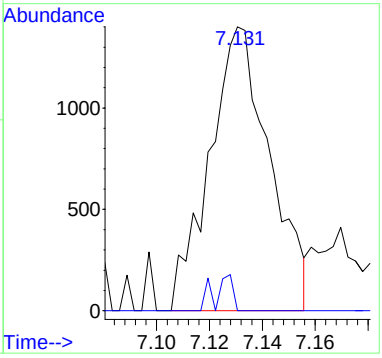


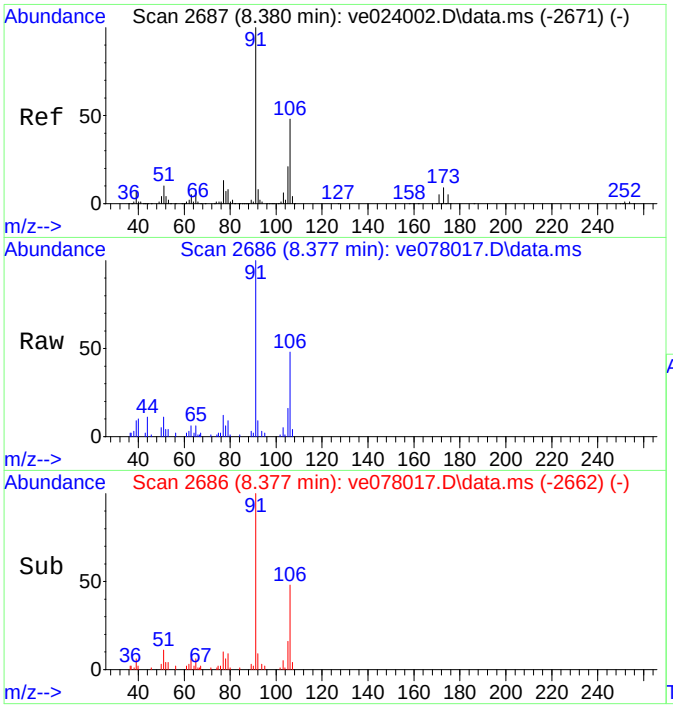


#64
2-HEXANONE
Concen: 0.33 UG/L
RT: 7.131 min Scan# 2239
Delta R.T. 0.109 min
Lab File: ve078017.D
Acq: 19 Mar 2013 5:46 pm

Tgt Ion: 43 Resp: 2212

Ion	Ratio	Lower	Upper
43	100		
58	0.0	48.5	72.7#

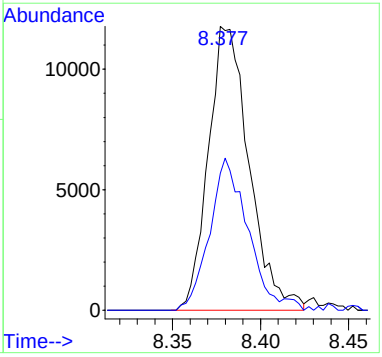


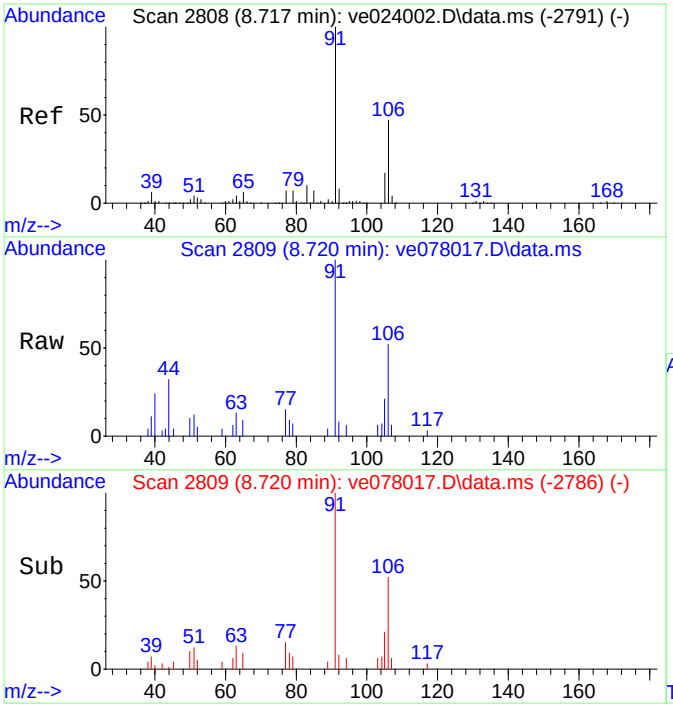


#74
M/P-XYLENES
Concen: 0.66 UG/L
RT: 8.377 min Scan# 2686
Delta R.T. -0.006 min
Lab File: ve078017.D
Acq: 19 Mar 2013 5:46 pm

Tgt Ion: 91 Resp: 18995

Ion	Ratio	Lower	Upper
91	100		
106	49.0	40.8	61.2

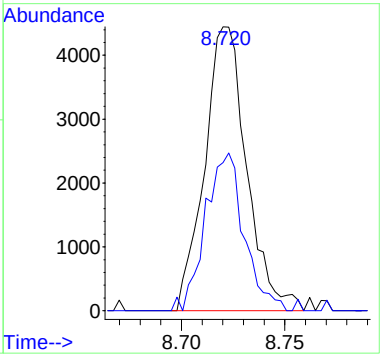


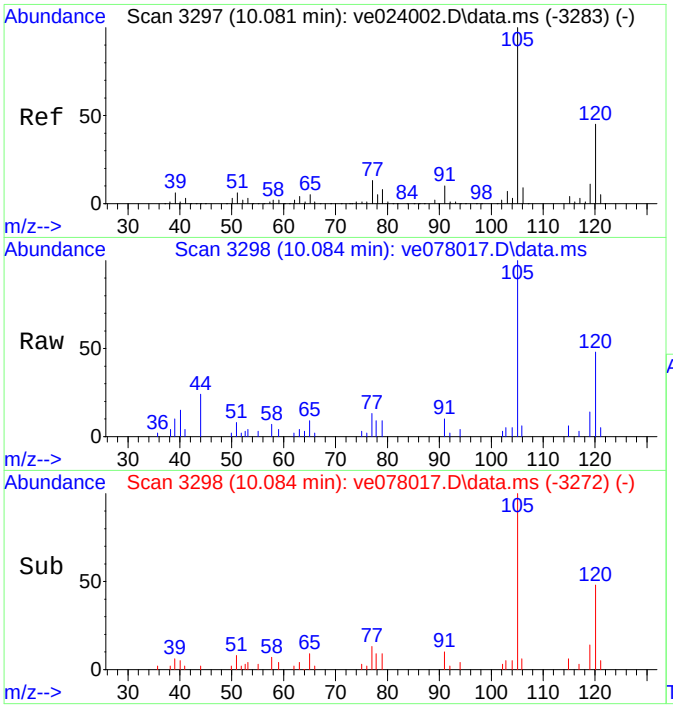


#75
0-XYLENE
Concen: 0.23 UG/L
RT: 8.720 min Scan# 2809
Delta R.T. 0.000 min
Lab File: ve078017.D
Acq: 19 Mar 2013 5:46 pm

Tgt Ion: 91 Resp: 6302

Ion	Ratio	Lower	Upper
91	100		
106	50.9	40.5	60.7

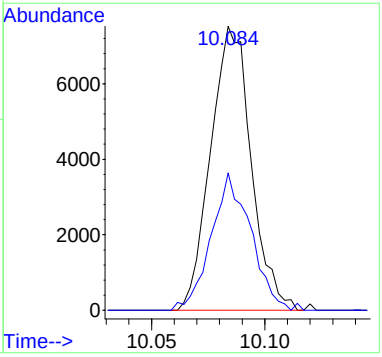




#90
1,2,4-TRIMETHYLBENZENE
Concen: 0.29 UG/L
RT: 10.084 min Scan# 3298
Delta R.T. -0.003 min
Lab File: ve078017.D
Acq: 19 Mar 2013 5:46 pm

Tgt Ion:105 Resp: 9363

Ion	Ratio	Lower	Upper
105	100		
120	47.2	38.5	57.7



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1 - FORM I
ANALYSIS DATA SHEET

B-54_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-03	File ID:	ve078018.D
Sampled:	03/13/13 11:05	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 18:13
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	V-05
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	5.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	2.0	
135-98-8	sec-Butylbenzene		0.050	2.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	V-05
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

B-54_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-03	File ID:	ve078018.D
Sampled:	03/13/13 11:05	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 18:13
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	V-05
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

B-54_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-03	File ID:	ve078018.D
Sampled:	03/13/13 11:05	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 18:13
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	V-05
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	V-05
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	2.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

B-54_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-03	File ID:	ve078018.D
Sampled:	03/13/13 11:05	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 18:13
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078018.D
Acq On : 19 Mar 2013 6:13 pm
Operator :
Sample : 13C0408-03 Inst : GCMSVOA5
Misc : 1
ALS Vial : 18 Sample Multiplier: 1

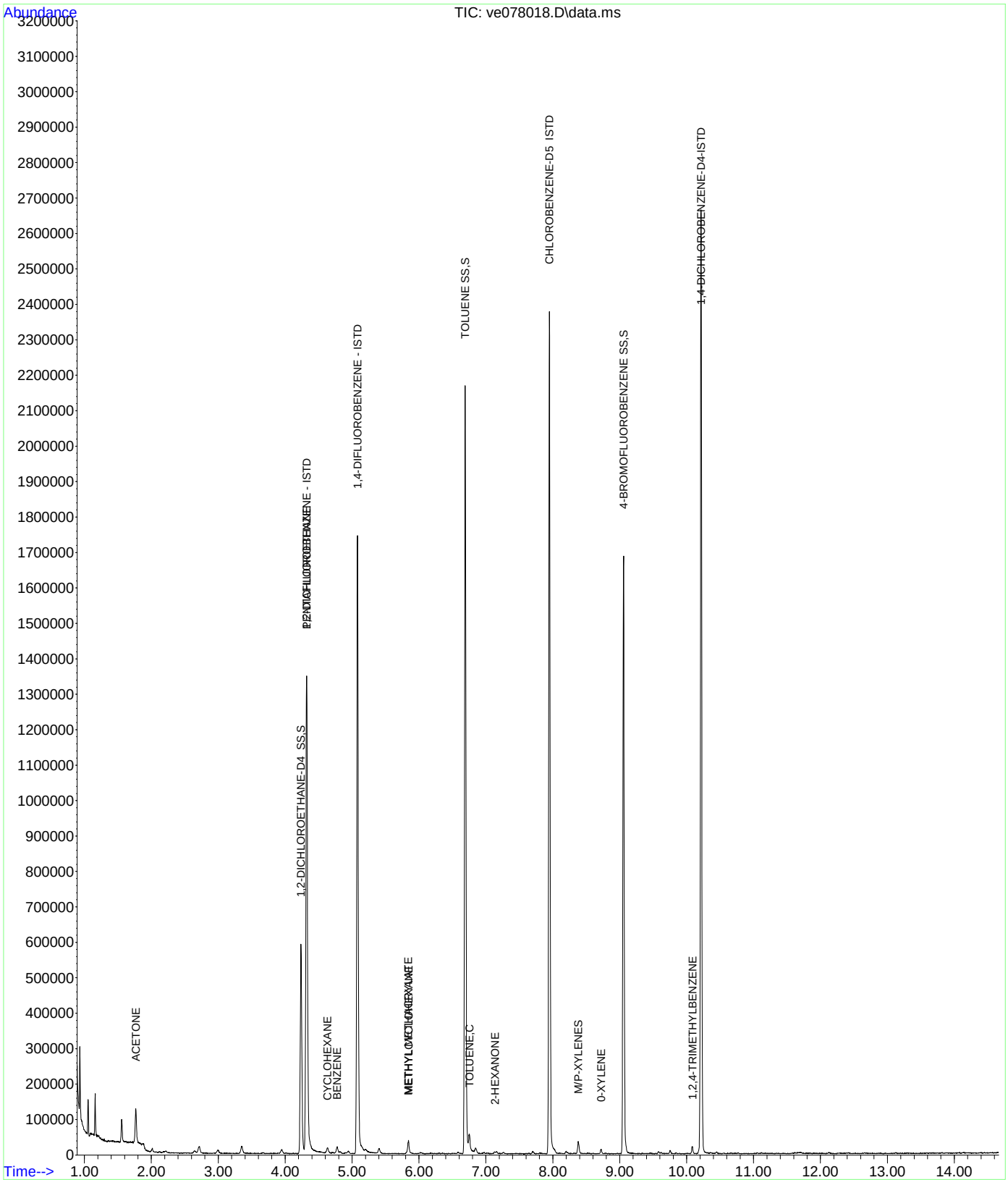
Quant Time: Mar 21 09:52:30 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

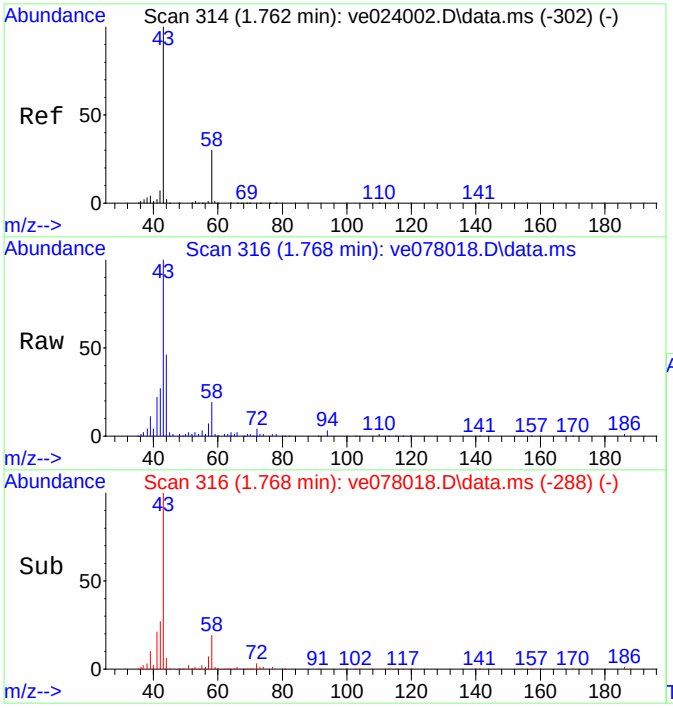
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.323	168	860638	30.00	UG/L		0.00
47) 1,4-DIFLUOROBENZENE - ...	5.081	114	1214604	30.00	UG/L		0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	579158	30.00	UG/L		0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	587293	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	353710	22.86	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.44%				
48) TOLUENE SS	6.690	98	1178123	24.61	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.44%				
70) 4-BROMOFLUOROBENZENE SS	9.058	95	440195	25.55	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.20%				
Target Compounds							Qvalue
14) ACETONE	1.768	43	71836	23.83	UG/L	#	77
22) METHYLENE CHLORIDE	2.128	49	775	Below Cal		#	65
23) CARBON DISULFIDE	2.220	76	4654	Below Cal			100
42) CYCLOHEXANE	4.632	56	6133	0.44	UG/L	#	71
45) BENZENE	4.774	78	9442	0.30	UG/L		100
49) 1,2-DICHLOROETHANE	4.323	62	3479	0.32	UG/L	#	1
50) METHYL METHACRYLATE	5.840	41	5519	0.42	UG/L	#	72
52) METHYLCYCLOHEXANE	5.845	83	12133	0.98	UG/L	#	66
60) TOLUENE	6.754	91	24490	0.77	UG/L		98
64) 2-HEXANONE	7.136	43	1769	0.29	UG/L	#	20
74) M/P-XYLENES	8.377	91	17065	0.64	UG/L		100
75) 0-XYLENE	8.723	91	6159	0.24	UG/L		96
90) 1,2,4-TRIMETHYLBENZENE	10.087	105	9275	0.32	UG/L		98

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

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078018.D
Acq On : 19 Mar 2013 6:13 pm
Operator :
Sample : 13C0408-03 Inst : GCMSVOA5
Misc : 1
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 21 09:52:30 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

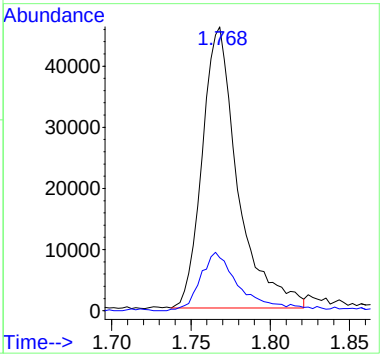


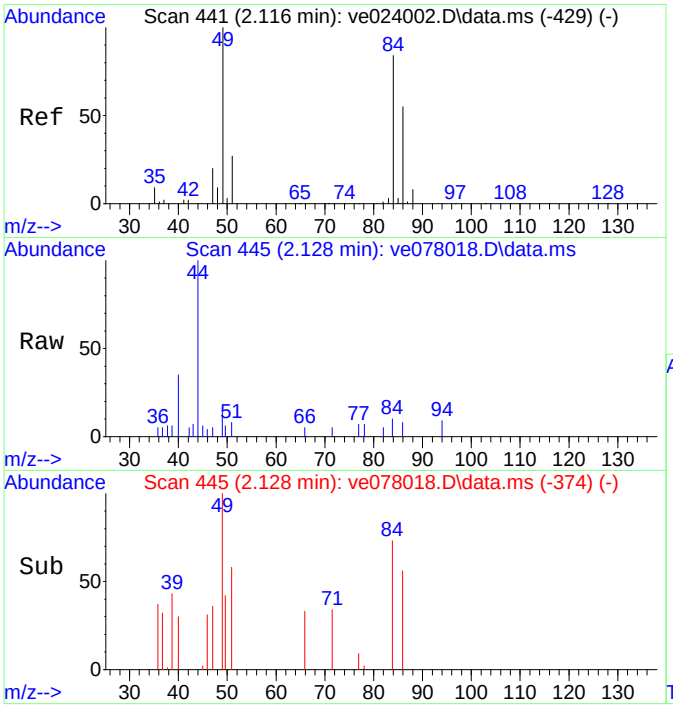


#14
ACETONE
Concen: 23.83 UG/L
RT: 1.768 min Scan# 316
Delta R.T. 0.006 min
Lab File: ve078018.D
Acq: 19 Mar 2013 6:13 pm

Tgt Ion: 43 Resp: 71836

Ion	Ratio	Lower	Upper
43	100		
58	22.0	28.2	42.4#

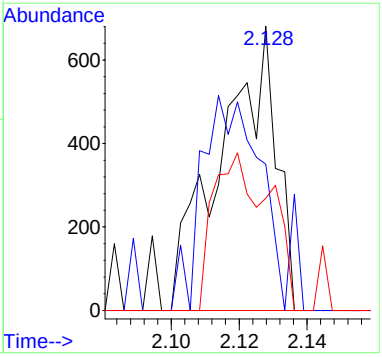


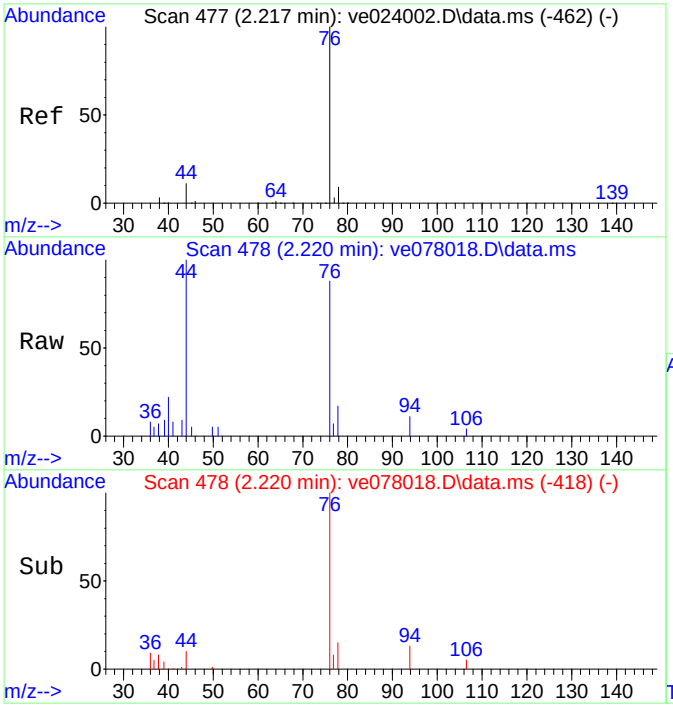


#22
METHYLENE CHLORIDE
Concen: Below Cal
RT: 2.128 min Scan# 445
Delta R.T. 0.009 min
Lab File: ve078018.D
Acq: 19 Mar 2013 6:13 pm

Tgt Ion: 49 Resp: 775

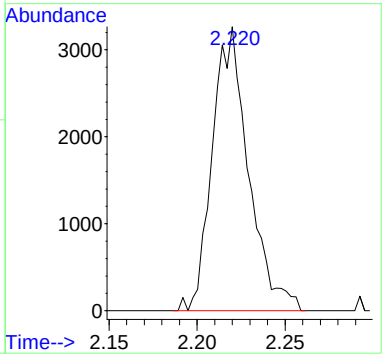
Ion	Ratio	Lower	Upper
49	100		
84	78.7	52.4	78.6#
86	0.0	32.2	48.2#

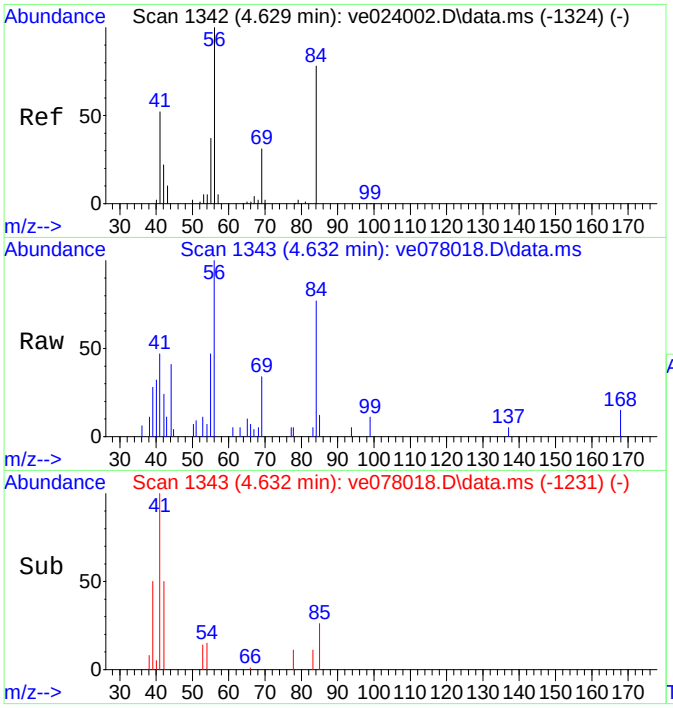




#23
CARBON DISULFIDE
Concen: Below Cal
RT: 2.220 min Scan# 478
Delta R.T. 0.003 min
Lab File: ve078018.D
Acq: 19 Mar 2013 6:13 pm

Tgt Ion: 76 Resp: 4654

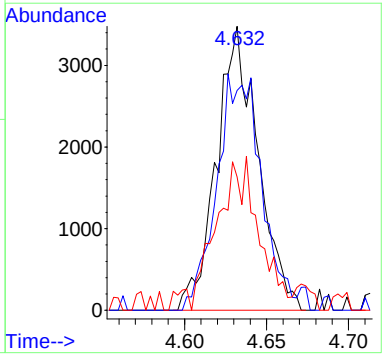


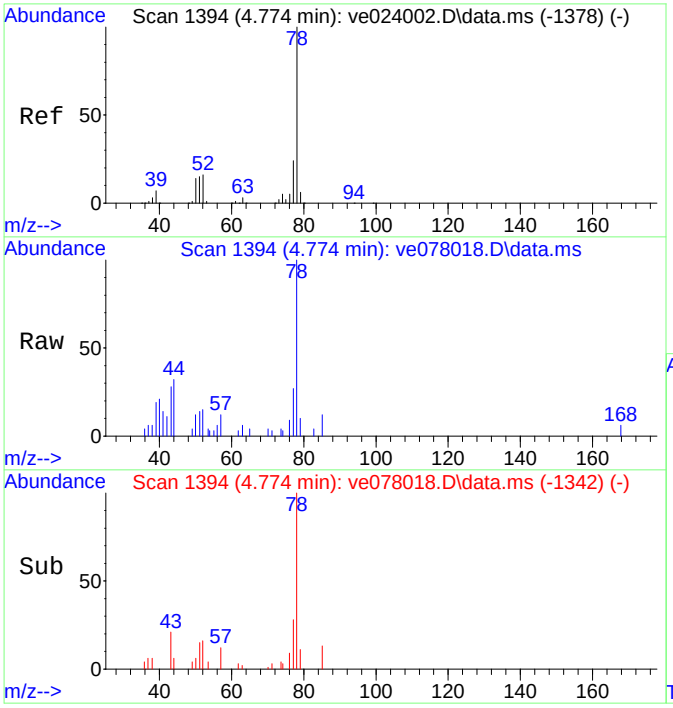


#42
CYCLOHEXANE
Concen: 0.44 UG/L
RT: 4.632 min Scan# 1343
Delta R.T. 0.000 min
Lab File: ve078018.D
Acq: 19 Mar 2013 6:13 pm

Tgt Ion: 56 Resp: 6133

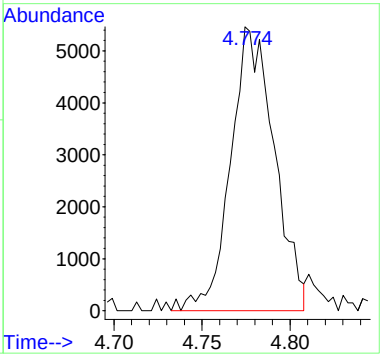
Ion	Ratio	Lower	Upper
56	100		
84	88.7	51.0	76.4#
41	32.4	39.0	58.6#

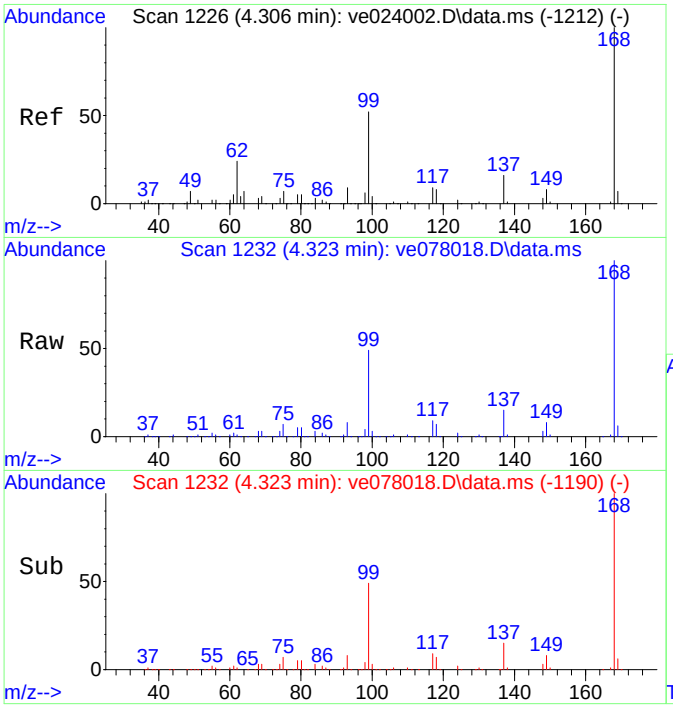




#45
BENZENE
Concen: 0.30 UG/L
RT: 4.774 min Scan# 1394
Delta R.T. -0.003 min
Lab File: ve078018.D
Acq: 19 Mar 2013 6:13 pm

Tgt Ion: 78 Resp: 9442

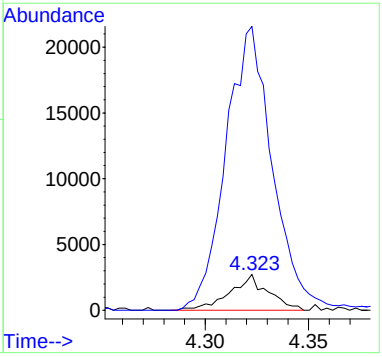


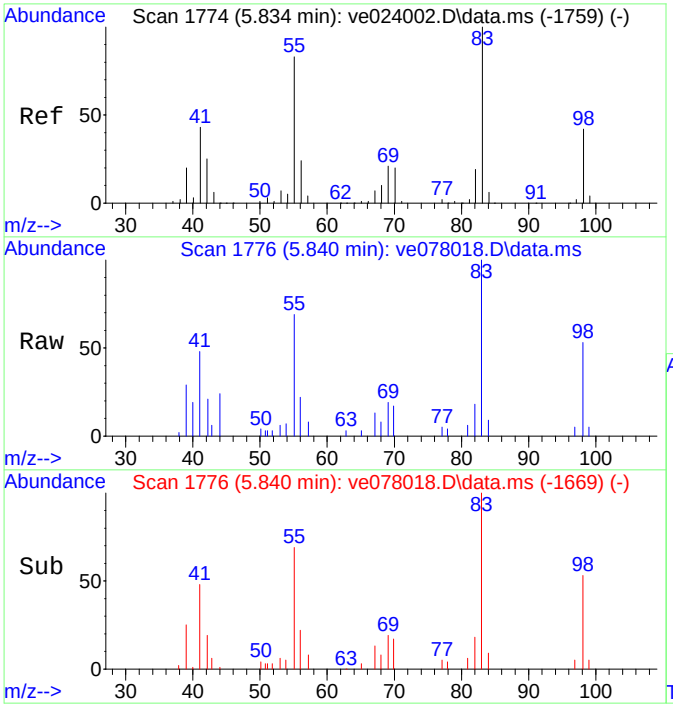


#49
1,2-DICHLOROETHANE
Concen: 0.32 UG/L
RT: 4.323 min Scan# 1232
Delta R.T. 0.014 min
Lab File: ve078018.D
Acq: 19 Mar 2013 6:13 pm

Tgt Ion: 62 Resp: 3479

Ion	Ratio	Lower	Upper
62	100		
98	976.3	22.7	34.1#

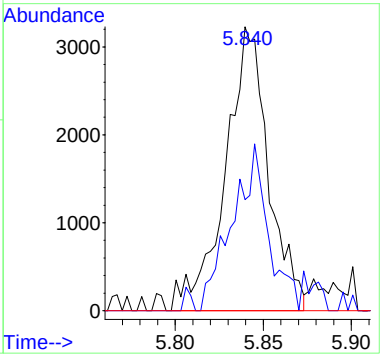


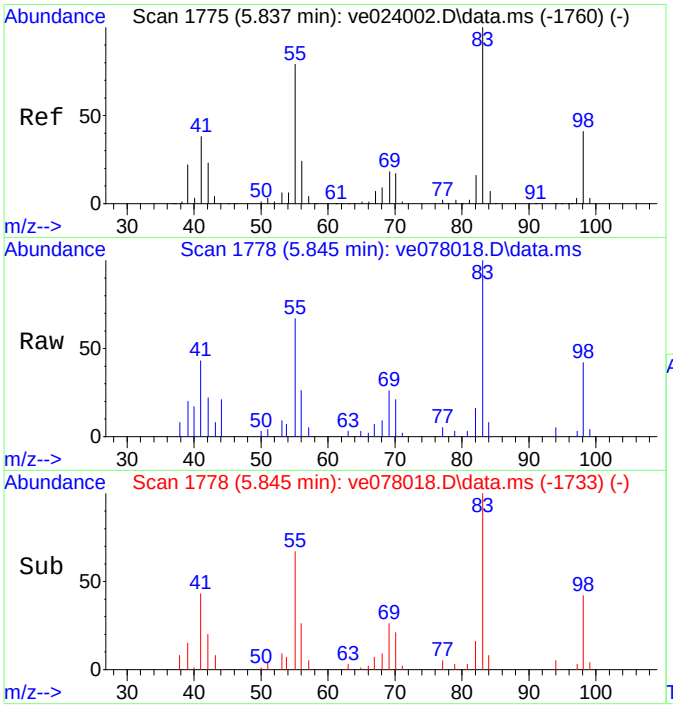


#50
METHYL METHACRYLATE
Concen: 0.42 UG/L
RT: 5.840 min Scan# 1776
Delta R.T. -0.002 min
Lab File: ve078018.D
Acq: 19 Mar 2013 6:13 pm

Tgt Ion: 41 Resp: 5519

Ion	Ratio	Lower	Upper
41	100		
69	48.8	50.4	75.6#
100	0.0	21.6	32.4#

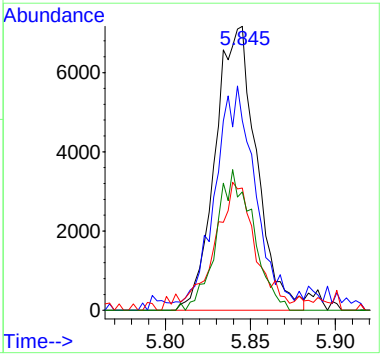


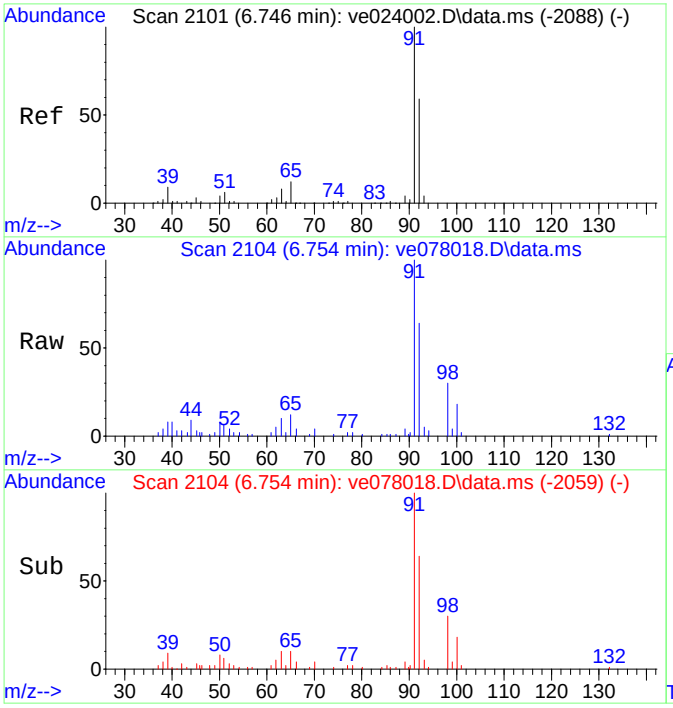


#52
METHYLCYCLOHEXANE
Concen: 0.98 UG/L
RT: 5.845 min Scan# 1778
Delta R.T. 0.003 min
Lab File: ve078018.D
Acq: 19 Mar 2013 6:13 pm

Tgt Ion: 83 Resp: 12133

Ion	Ratio	Lower	Upper
83	100		
55	34.9	78.9	118.3#
41	45.5	37.6	56.4
98	44.2	37.2	55.8

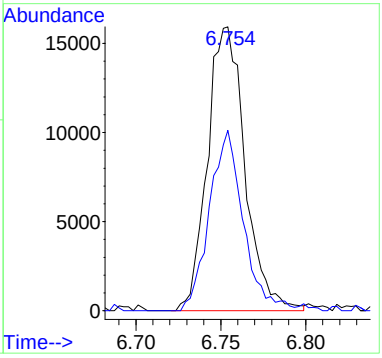


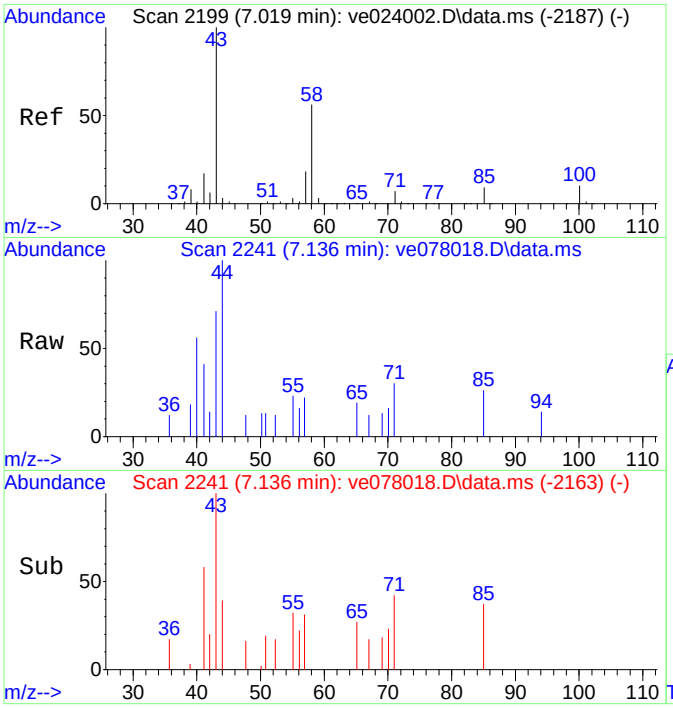


#60
TOLUENE
Concen: 0.77 UG/L
RT: 6.754 min Scan# 2104
Delta R.T. 0.003 min
Lab File: ve078018.D
Acq: 19 Mar 2013 6:13 pm

Tgt Ion: 91 Resp: 24490

Ion	Ratio	Lower	Upper
91	100		
92	57.2	46.6	70.0

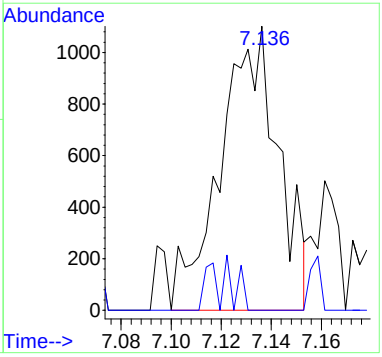


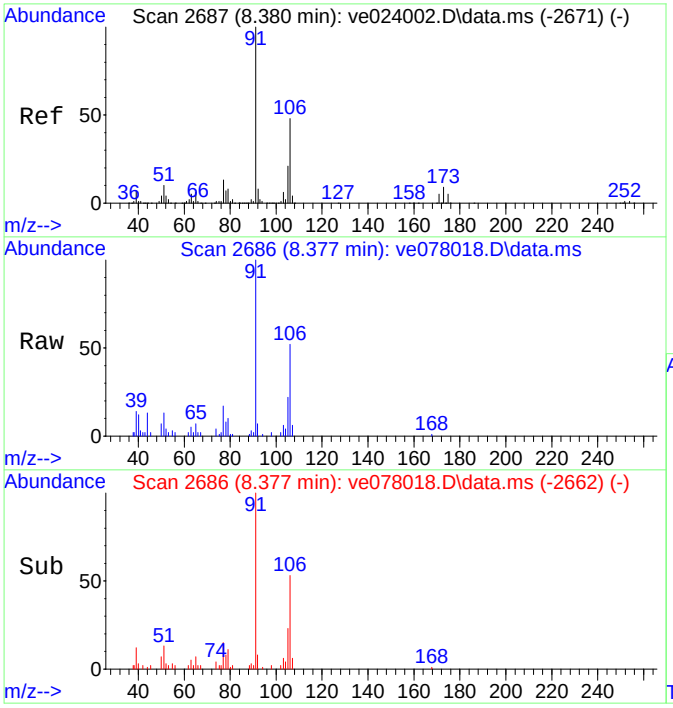


#64
2-HEXANONE
Concen: 0.29 UG/L
RT: 7.136 min Scan# 2241
Delta R.T. 0.114 min
Lab File: ve078018.D
Acq: 19 Mar 2013 6:13 pm

Tgt Ion: 43 Resp: 1769

Ion	Ratio	Lower	Upper
43	100		
58	0.0	48.5	72.7#

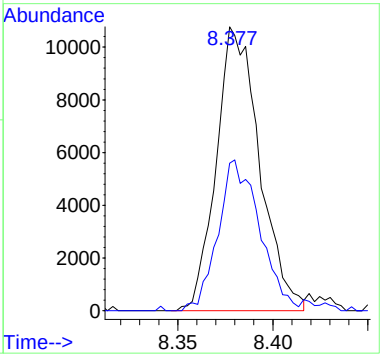


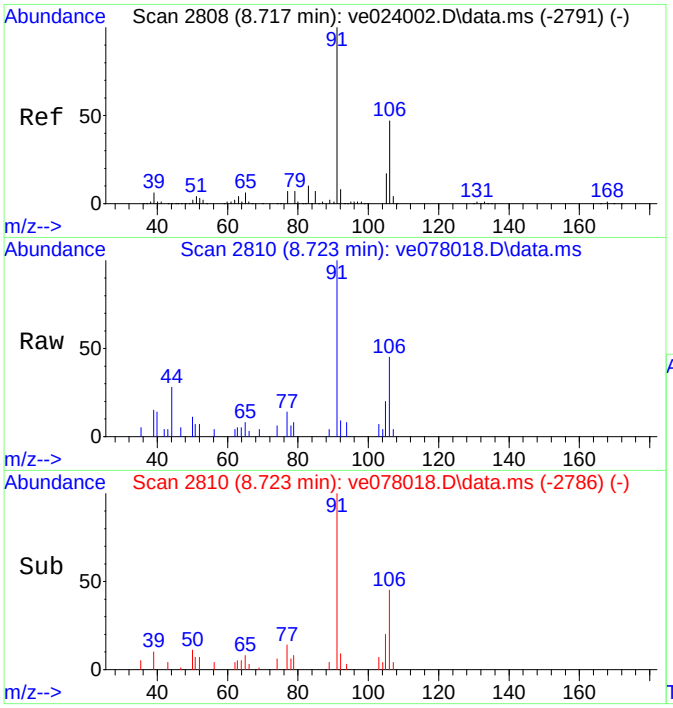


#74
M/P-XYLENES
Concen: 0.64 UG/L
RT: 8.377 min Scan# 2686
Delta R.T. -0.006 min
Lab File: ve078018.D
Acq: 19 Mar 2013 6:13 pm

Tgt Ion: 91 Resp: 17065

Ion	Ratio	Lower	Upper
91	100		
106	51.1	40.8	61.2

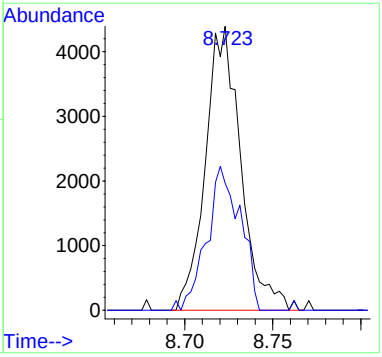


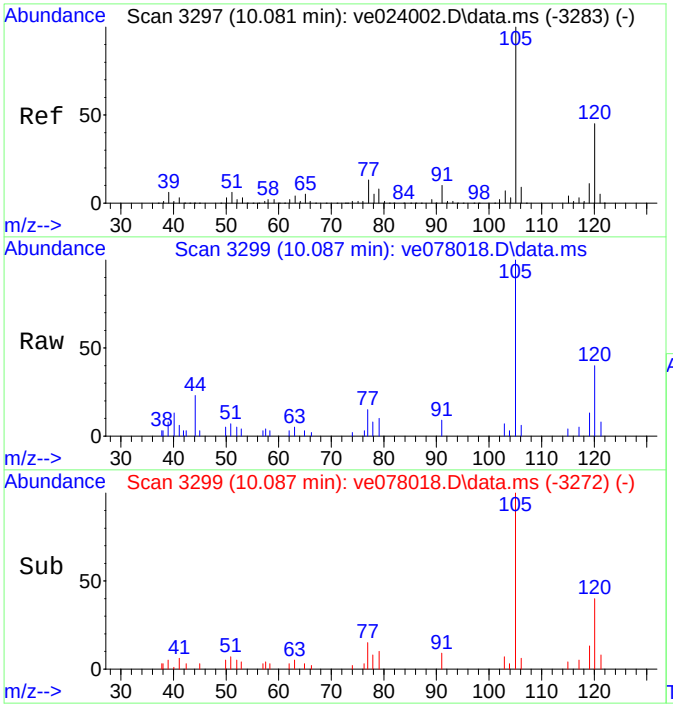


#75
0-XYLENE
Concen: 0.24 UG/L
RT: 8.723 min Scan# 2810
Delta R.T. 0.003 min
Lab File: ve078018.D
Acq: 19 Mar 2013 6:13 pm

Tgt Ion: 91 Resp: 6159

Ion	Ratio	Lower	Upper
91	100		
106	48.0	40.5	60.7

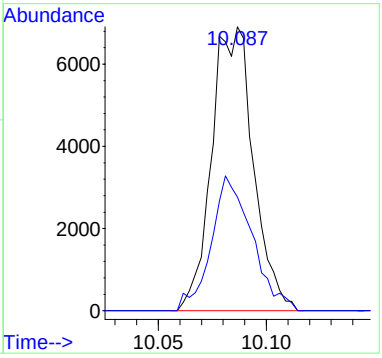




#90
1,2,4-TRIMETHYLBENZENE
Concen: 0.32 UG/L
RT: 10.087 min Scan# 3299
Delta R.T. -0.000 min
Lab File: ve078018.D
Acq: 19 Mar 2013 6:13 pm

Tgt Ion:105 Resp: 9275

Ion	Ratio	Lower	Upper
105	100		
120	46.5	38.5	57.7



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1 - FORM I
ANALYSIS DATA SHEET

B-48_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-04	File ID:	ve078019.D
Sampled:	03/13/13 12:00	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 18:39
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	V-05
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	5.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	2.0	
135-98-8	sec-Butylbenzene		0.050	2.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	V-05
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

B-48_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-04	File ID:	ve078019.D
Sampled:	03/13/13 12:00	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 18:39
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	V-05
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

B-48_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-04	File ID:	ve078019.D
Sampled:	03/13/13 12:00	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 18:39
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	V-05
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	V-05
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	2.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

B-48_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-04	File ID:	ve078019.D
Sampled:	03/13/13 12:00	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 18:39
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078019.D
Acq On : 19 Mar 2013 6:39 pm
Operator :
Sample : 13C0408-04 Inst : GCMSVOA5
Misc : 1
ALS Vial : 19 Sample Multiplier: 1

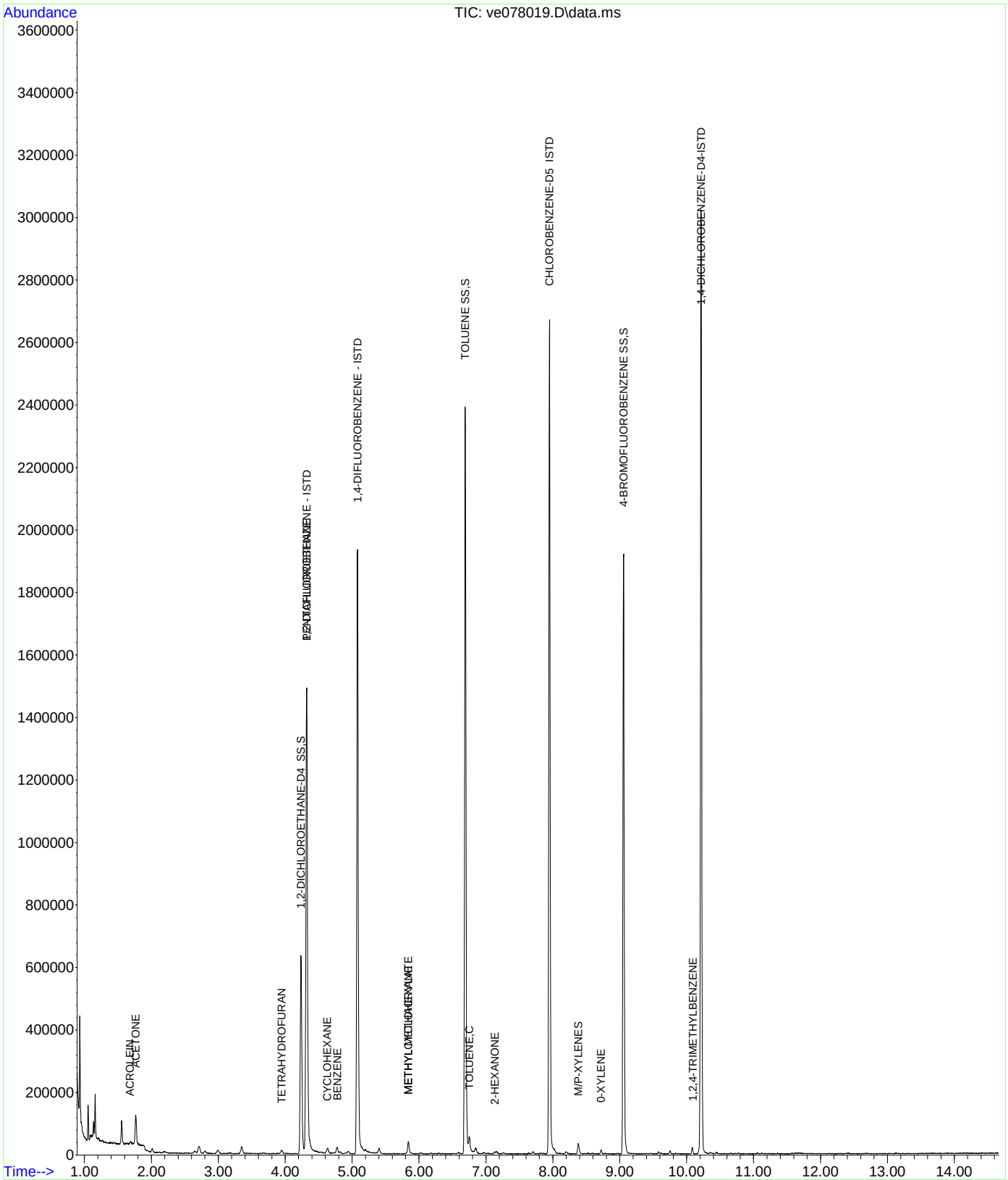
Quant Time: Mar 21 09:52:51 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

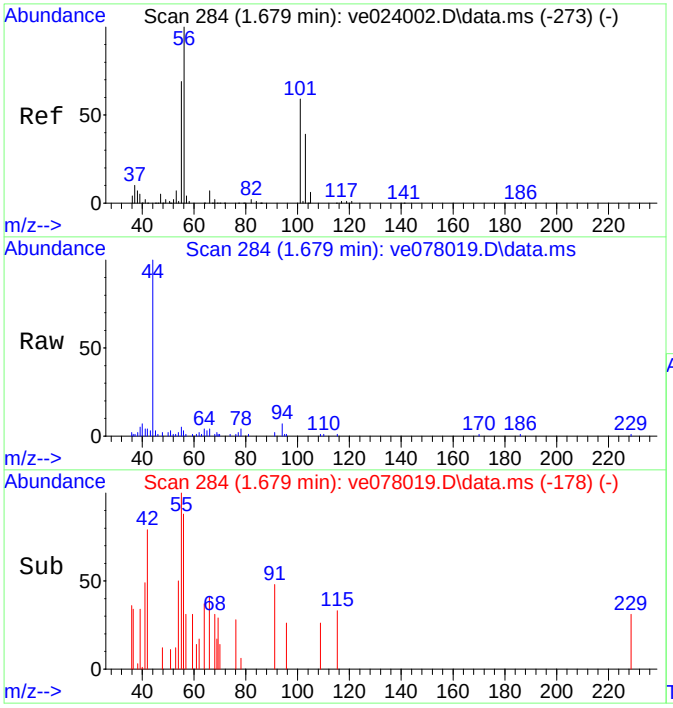
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.322	168	948722	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.081	114	1342425	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	651618	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	672174	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	395733	23.20	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.80%			
48) TOLUENE SS	6.690	98	1286682	24.32	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.28%			
70) 4-BROMOFLUOROBENZENE SS	9.058	95	499675	25.77	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.08%			
Target Compounds						Qvalue
13) ACROLEIN	1.679	56	696	0.38	UG/L #	1
14) ACETONE	1.765	43	70986	21.36	UG/L #	74
22) METHYLENE CHLORIDE	2.119	49	837	Below Cal	#	72
23) CARBON DISULFIDE	2.217	76	3247	Below Cal		100
38) TETRAHYDROFURAN	3.946	42	1034	0.36	UG/L #	38
42) CYCLOHEXANE	4.629	56	6328	0.41	UG/L #	64
45) BENZENE	4.777	78	10448	0.30	UG/L	100
49) 1,2-DICHLOROETHANE	4.322	62	4007	0.34	UG/L #	1
50) METHYL METHACRYLATE	5.839	41	6444	0.47	UG/L #	69
52) METHYLCYCLOHEXANE	5.839	83	13539	0.99	UG/L #	87
60) TOLUENE	6.751	91	24116	0.69	UG/L	99
64) 2-HEXANONE	7.131	43	2338	0.35	UG/L #	20
74) M/P-XYLENES	8.380	91	17935	0.60	UG/L	95
75) 0-XYLENE	8.720	91	5985	0.21	UG/L	92
90) 1,2,4-TRIMETHYLBENZENE	10.089	105	9032	0.27	UG/L	95

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

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078019.D
Acq On : 19 Mar 2013 6:39 pm
Operator :
Sample : 13C0408-04 Inst : GCMSVOA5
Misc : 1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 21 09:52:51 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

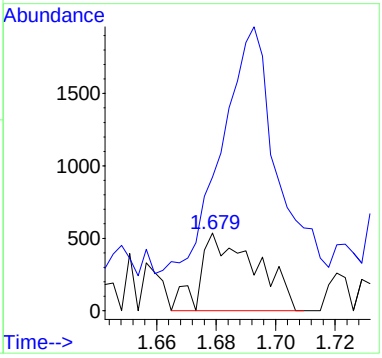


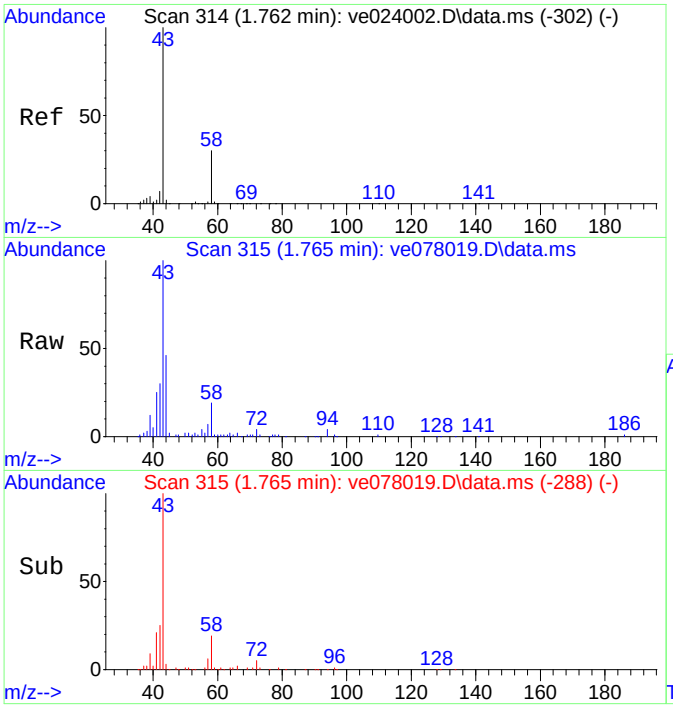


#13
ACROLEIN
Concen: 0.38 UG/L
RT: 1.679 min Scan# 284
Delta R.T. -0.003 min
Lab File: ve078019.D
Acq: 19 Mar 2013 6:39 pm

Tgt Ion: 56 Resp: 696

Ion	Ratio	Lower	Upper
56	100		
55	300.9	56.8	85.2#

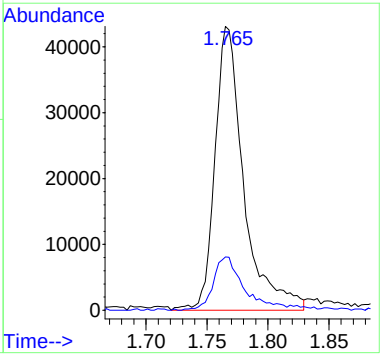


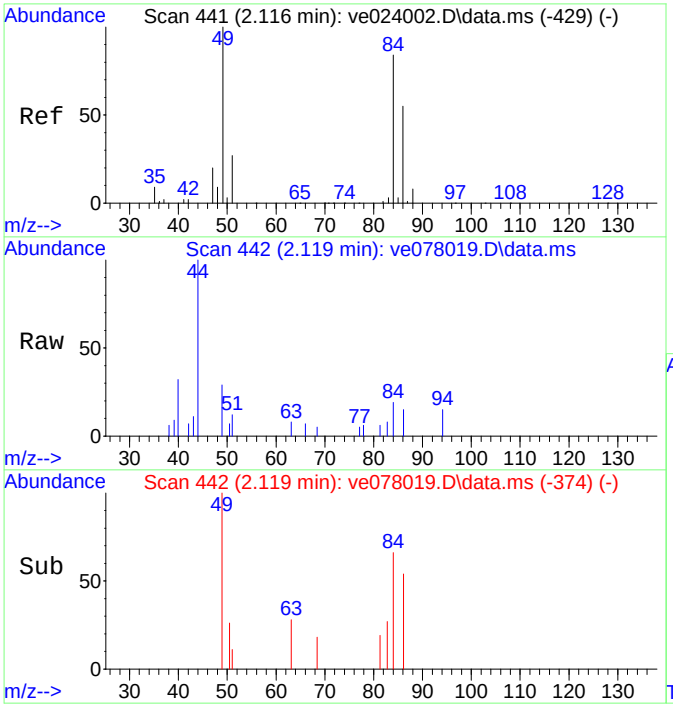


#14
ACETONE
Concen: 21.36 UG/L
RT: 1.765 min Scan# 315
Delta R.T. 0.003 min
Lab File: ve078019.D
Acq: 19 Mar 2013 6:39 pm

Tgt Ion: 43 Resp: 70986

Ion	Ratio	Lower	Upper
43	100		
58	19.9	28.2	42.4#

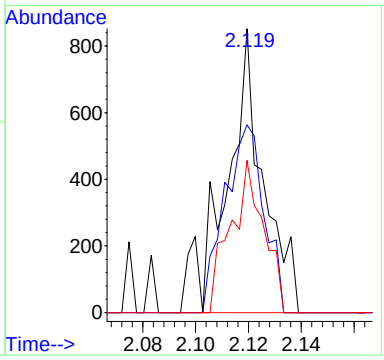


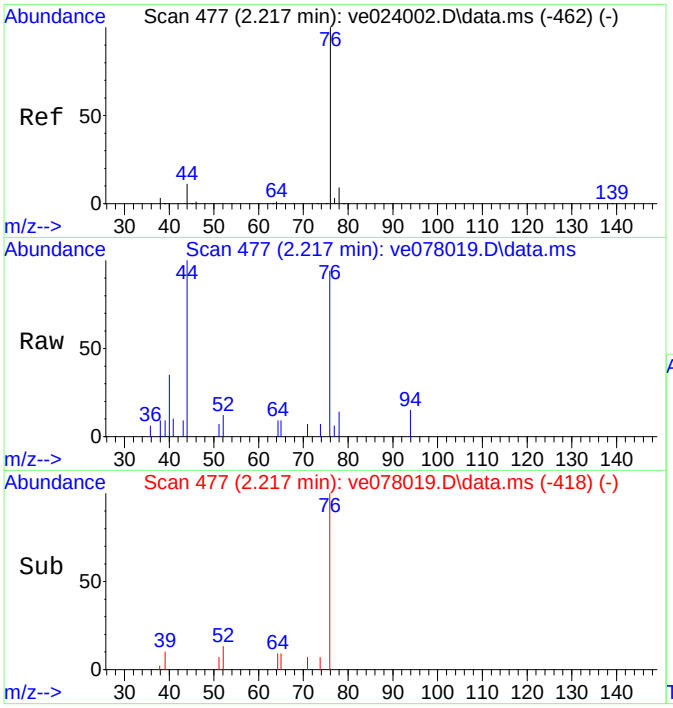


#22
METHYLENE CHLORIDE
Concen: Below Cal
RT: 2.119 min Scan# 442
Delta R.T. 0.000 min
Lab File: ve078019.D
Acq: 19 Mar 2013 6:39 pm

Tgt Ion: 49 Resp: 837

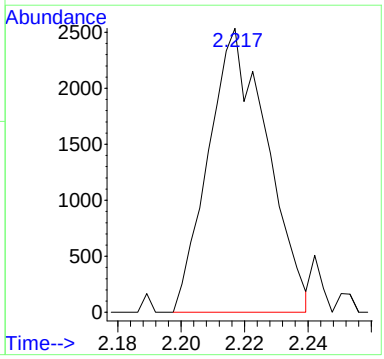
Ion	Ratio	Lower	Upper
49	100		
84	69.9	52.4	78.6
86	0.0	32.2	48.2#

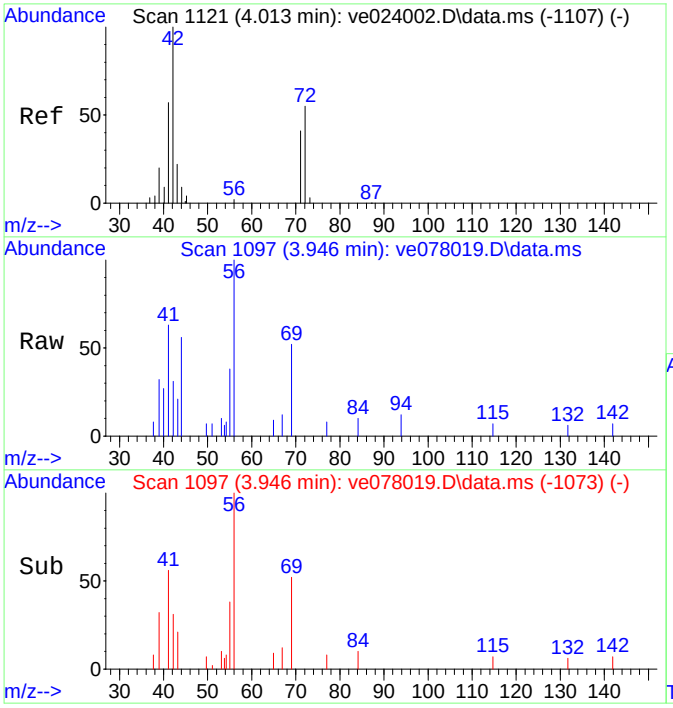




#23
CARBON DISULFIDE
Concen: Below Cal
RT: 2.217 min Scan# 477
Delta R.T. 0.000 min
Lab File: ve078019.D
Acq: 19 Mar 2013 6:39 pm

Tgt Ion: 76 Resp: 3247

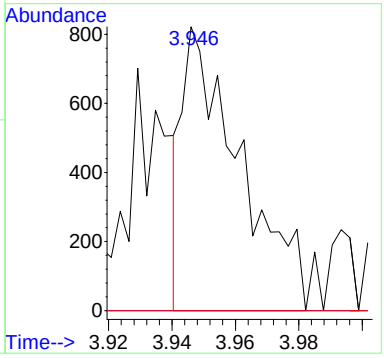


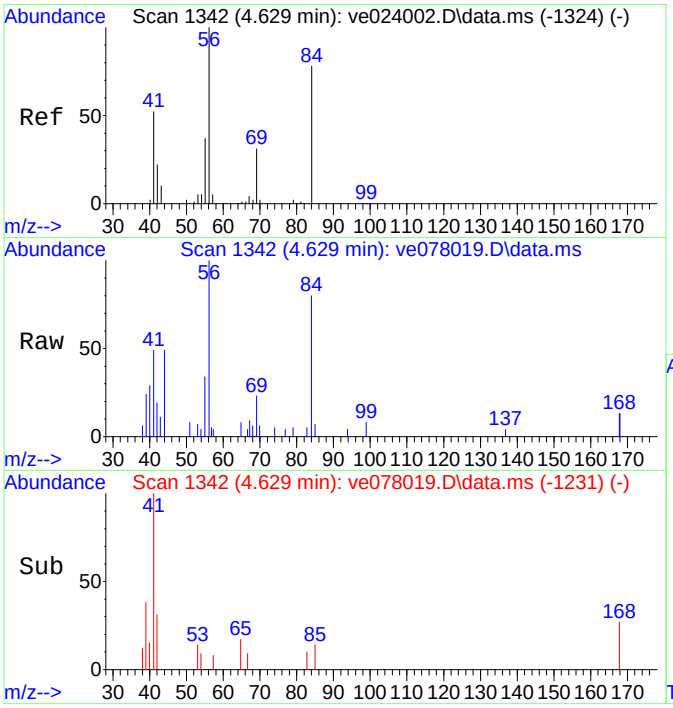


#38
TETRAHYDROFURAN
Concen: 0.36 UG/L
RT: 3.946 min Scan# 1097
Delta R.T. -0.067 min
Lab File: ve078019.D
Acq: 19 Mar 2013 6:39 pm

Tgt Ion: 42 Resp: 1034

Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.6	44.4#
71	0.0	28.6	43.0#

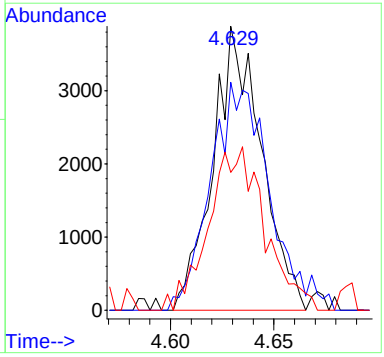


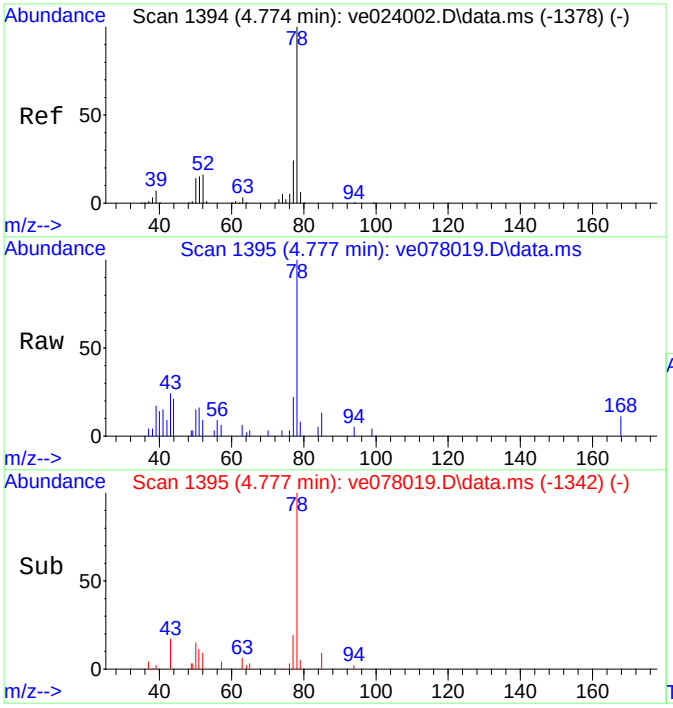


#42
CYCLOHEXANE
Concen: 0.41 UG/L
RT: 4.629 min Scan# 1342
Delta R.T. -0.003 min
Lab File: ve078019.D
Acq: 19 Mar 2013 6:39 pm

Tgt Ion: 56 Resp: 6328

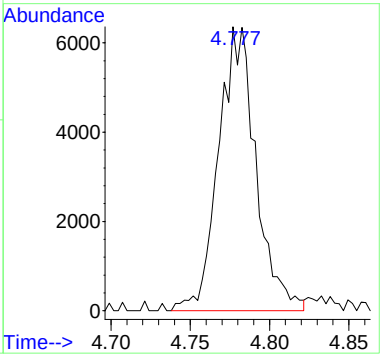
Ion	Ratio	Lower	Upper
56	100		
84	97.8	51.0	76.4#
41	66.3	39.0	58.6#

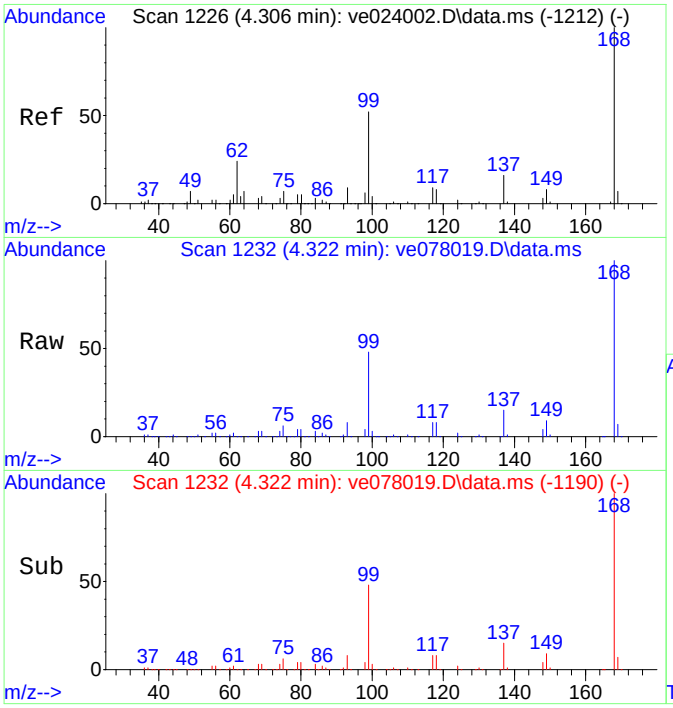




#45
BENZENE
Concen: 0.30 UG/L
RT: 4.777 min Scan# 1395
Delta R.T. -0.000 min
Lab File: ve078019.D
Acq: 19 Mar 2013 6:39 pm

Tgt Ion: 78 Resp: 10448

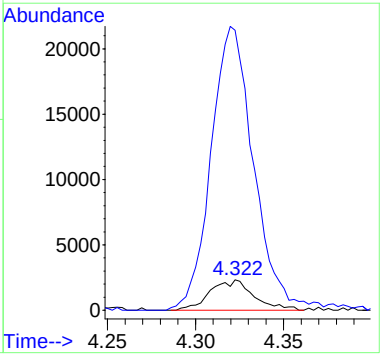


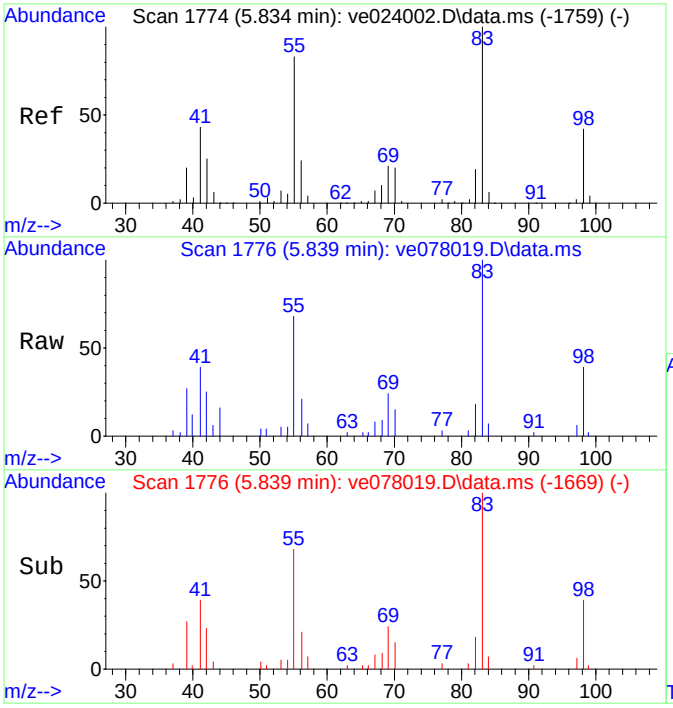


#49
1,2-DICHLOROETHANE
Concen: 0.34 UG/L
RT: 4.322 min Scan# 1232
Delta R.T. 0.013 min
Lab File: ve078019.D
Acq: 19 Mar 2013 6:39 pm

Tgt Ion: 62 Resp: 4007

Ion	Ratio	Lower	Upper
62	100		
98	911.2	22.7	34.1#

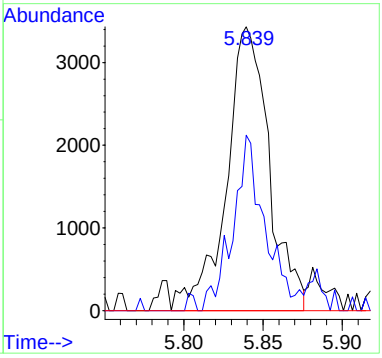


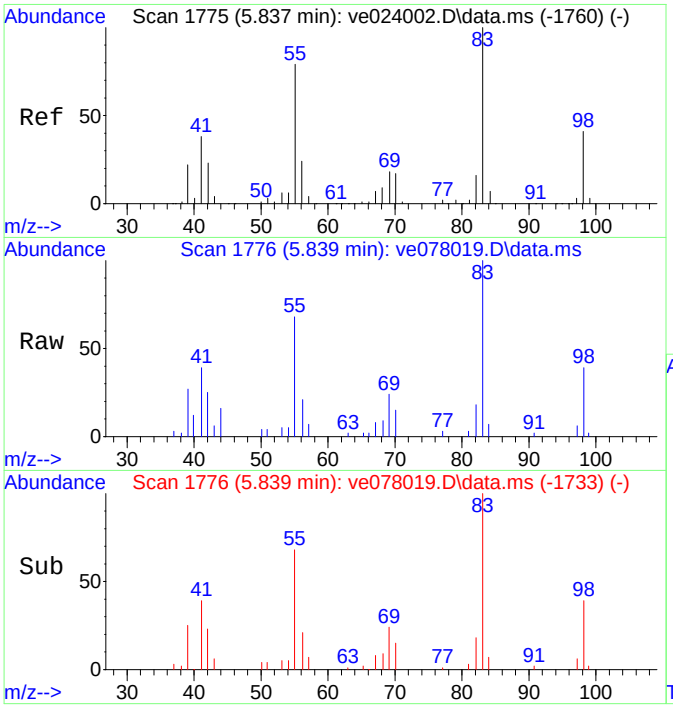


#50
METHYL METHACRYLATE
Concen: 0.47 UG/L
RT: 5.839 min Scan# 1776
Delta R.T. -0.003 min
Lab File: ve078019.D
Acq: 19 Mar 2013 6:39 pm

Tgt Ion: 41 Resp: 6444

Ion	Ratio	Lower	Upper
41	100		
69	45.7	50.4	75.6#
100	0.0	21.6	32.4#

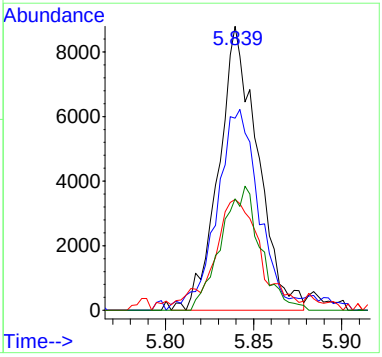


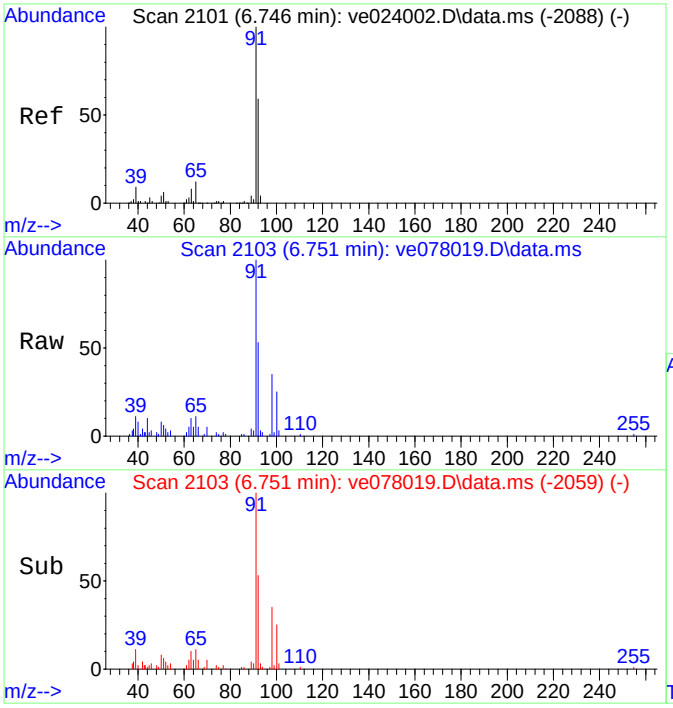


#52
METHYLCYCLOHEXANE
Concen: 0.99 UG/L
RT: 5.839 min Scan# 1776
Delta R.T. -0.003 min
Lab File: ve078019.D
Acq: 19 Mar 2013 6:39 pm

Tgt Ion: 83 Resp: 13539

Ion	Ratio	Lower	Upper
83	100		
55	76.3	78.9	118.3#
41	47.6	37.6	56.4
98	44.1	37.2	55.8

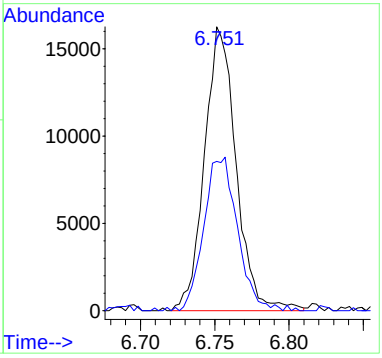


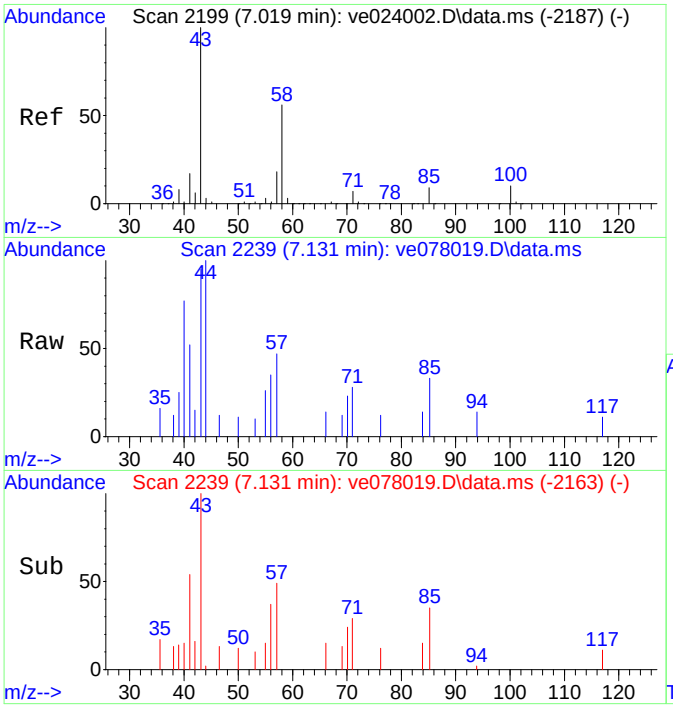


#60
TOLUENE
Concen: 0.69 UG/L
RT: 6.751 min Scan# 2103
Delta R.T. 0.000 min
Lab File: ve078019.D
Acq: 19 Mar 2013 6:39 pm

Tgt Ion: 91 Resp: 24116

Ion	Ratio	Lower	Upper
91	100		
92	57.3	46.6	70.0

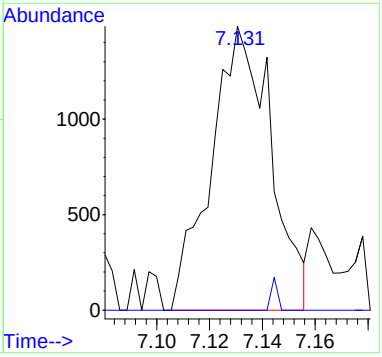


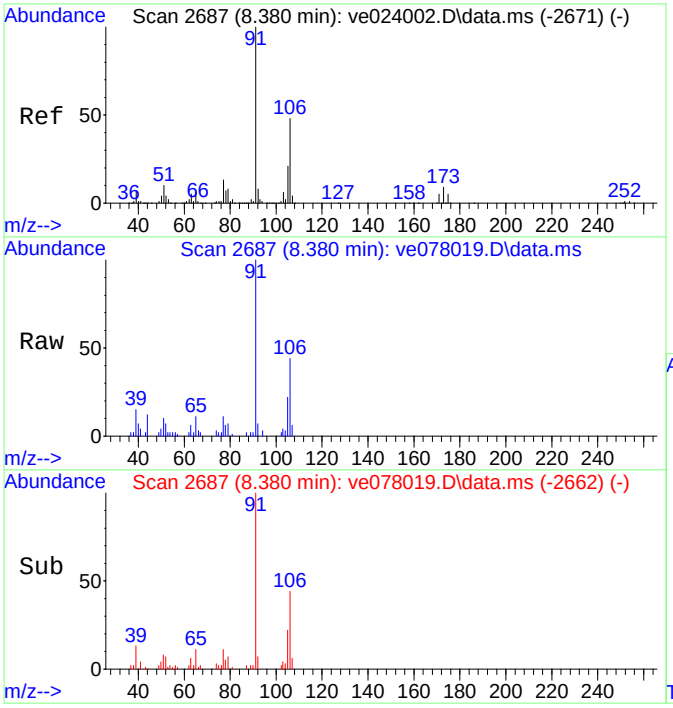


#64
2-HEXANONE
Concen: 0.35 UG/L
RT: 7.131 min Scan# 2239
Delta R.T. 0.109 min
Lab File: ve078019.D
Acq: 19 Mar 2013 6:39 pm

Tgt Ion: 43 Resp: 2338

Ion	Ratio	Lower	Upper
43	100		
58	0.0	48.5	72.7#

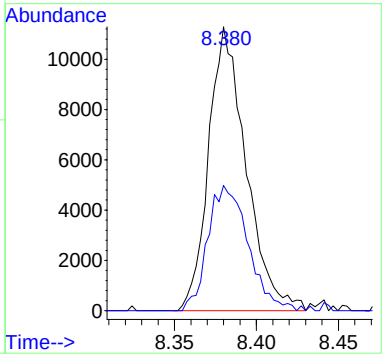


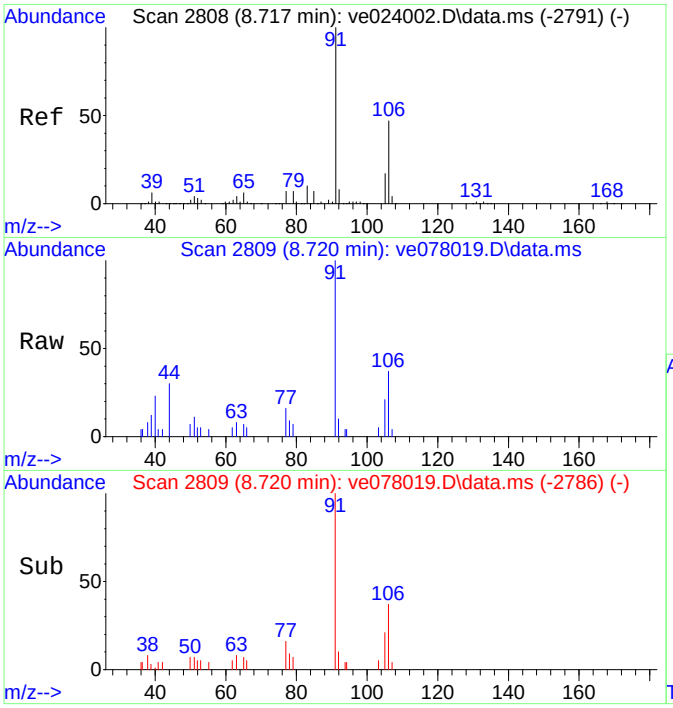


#74
M/P-XYLENES
Concen: 0.60 UG/L
RT: 8.380 min Scan# 2687
Delta R.T. -0.003 min
Lab File: ve078019.D
Acq: 19 Mar 2013 6:39 pm

Tgt Ion: 91 Resp: 17935

Ion	Ratio	Lower	Upper
91	100		
106	47.2	40.8	61.2

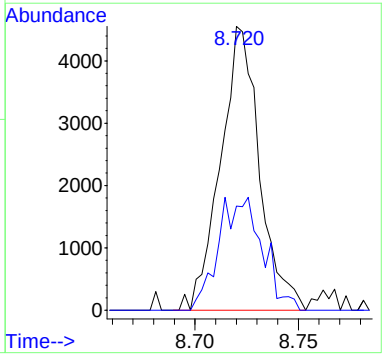


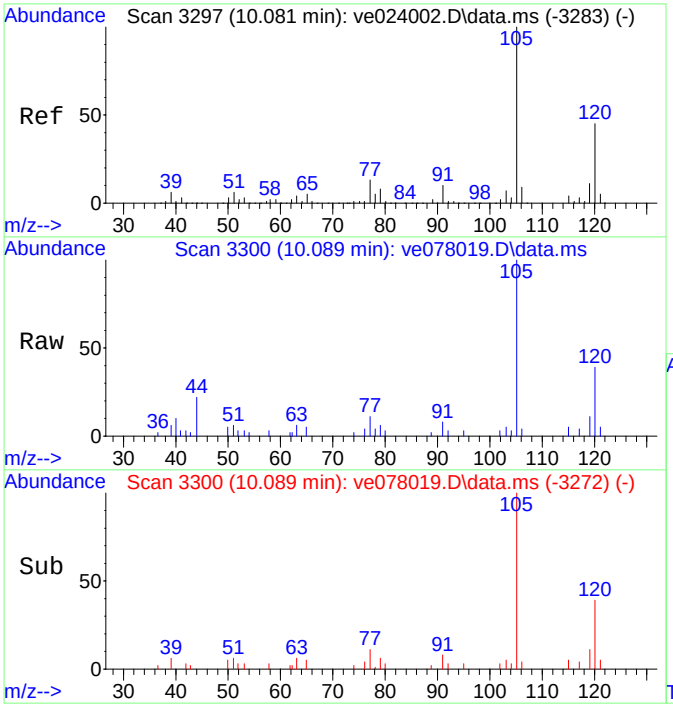


#75
0-XYLENE
Concen: 0.21 UG/L
RT: 8.720 min Scan# 2809
Delta R.T. 0.000 min
Lab File: ve078019.D
Acq: 19 Mar 2013 6:39 pm

Tgt Ion: 91 Resp: 5985

Ion	Ratio	Lower	Upper
91	100		
106	44.7	40.5	60.7

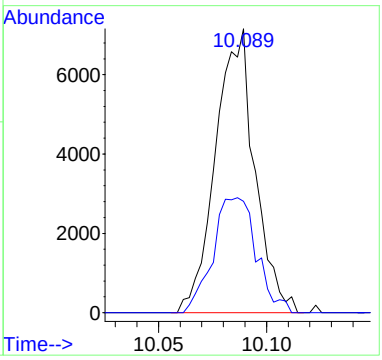




#90
1,2,4-TRIMETHYLBENZENE
Concen: 0.27 UG/L
RT: 10.089 min Scan# 3300
Delta R.T. 0.002 min
Lab File: ve078019.D
Acq: 19 Mar 2013 6:39 pm

Tgt Ion:105 Resp: 9032

Ion	Ratio	Lower	Upper
105	100		
120	45.0	38.5	57.7



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

B-47_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-05	File ID:	ve078020.D
Sampled:	03/13/13 11:45	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 19:05
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	V-05
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	5.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	2.0	
135-98-8	sec-Butylbenzene		0.050	2.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	V-05
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

B-47_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-05	File ID:	ve078020.D
Sampled:	03/13/13 11:45	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 19:05
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	V-05
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

B-47_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-05	File ID:	ve078020.D
Sampled:	03/13/13 11:45	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 19:05
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	V-05
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	V-05
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	2.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

B-47_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-05	File ID:	ve078020.D
Sampled:	03/13/13 11:45	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 19:05
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078020.D
Acq On : 19 Mar 2013 7:05 pm
Operator :
Sample : 13C0408-05 Inst : GCMSVOA5
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

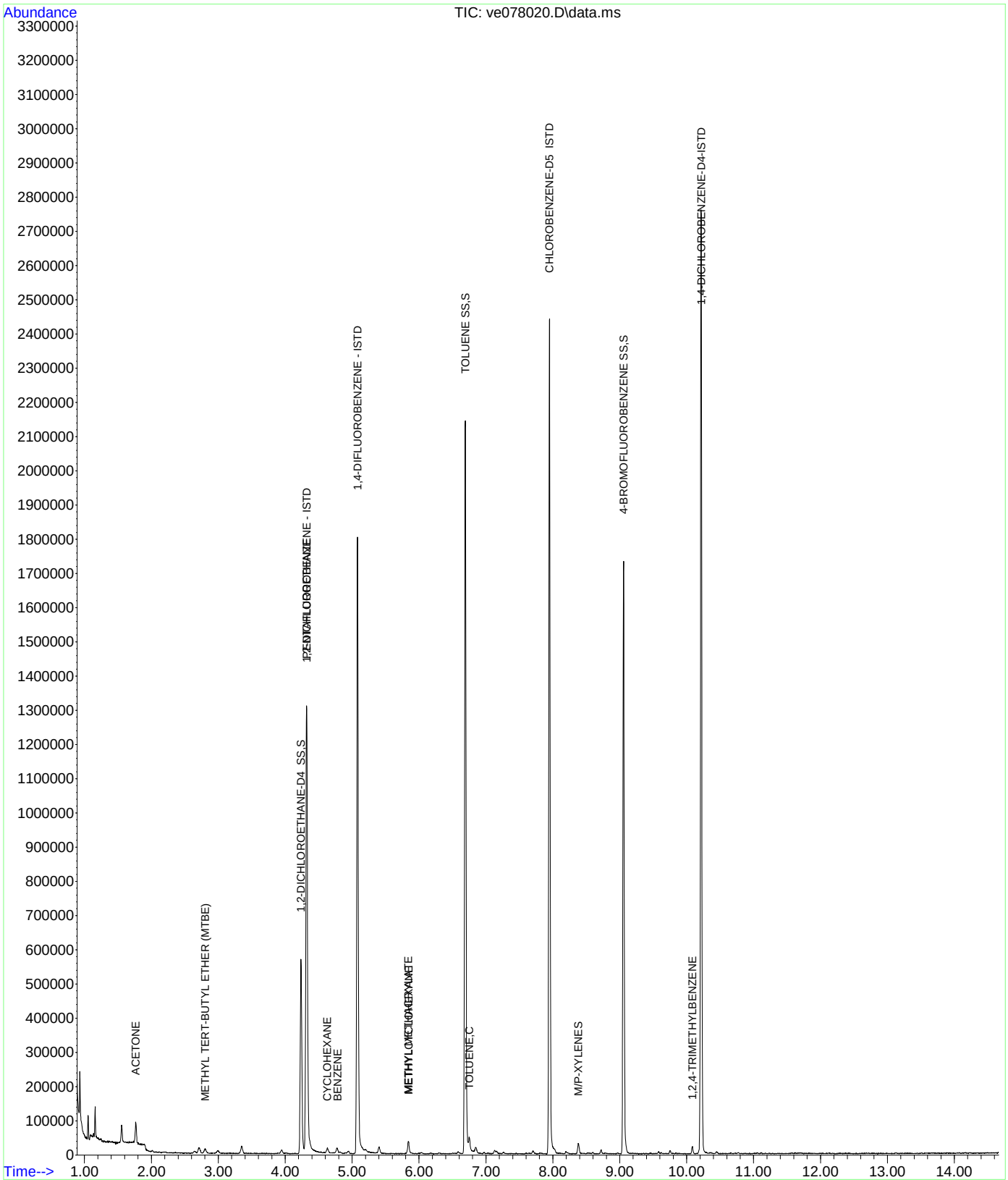
Quant Time: Mar 21 09:53:21 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

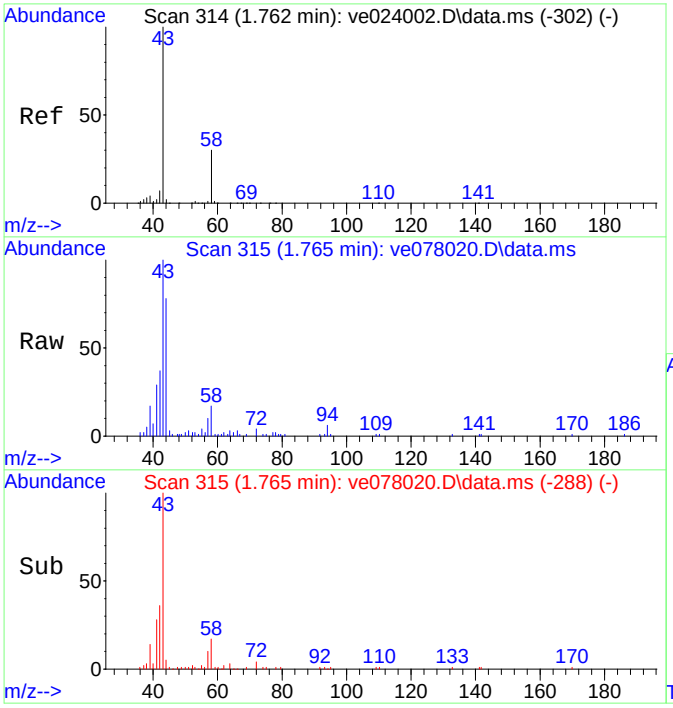
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.319	168	854139	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.081	114	1230117	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.947	82	586473	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.217	152	604146	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	349729	22.77	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.08%			
48) TOLUENE SS	6.693	98	1179643	24.33	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.32%			
70) 4-BROMOFLUOROBENZENE SS	9.057	95	452481	25.93	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.72%			
Target Compounds						Qvalue
14) ACETONE	1.765	43	38389	12.83	UG/L #	70
22) METHYLENE CHLORIDE	2.116	49	675	Below Cal	#	60
23) CARBON DISULFIDE	2.217	76	1867	Below Cal		100
24) METHYL TERT-BUTYL ETHE...	2.802	73	12694	0.72	UG/L #	69
42) CYCLOHEXANE	4.629	56	5369	0.39	UG/L #	78
45) BENZENE	4.780	78	7460	0.24	UG/L	100
49) 1,2-DICHLOROETHANE	4.322	62	3416	0.31	UG/L #	1
50) METHYL METHACRYLATE	5.839	41	4852	0.29	UG/L #	51
52) METHYLCYCLOHEXANE	5.845	83	12596	1.01	UG/L #	80
60) TOLUENE	6.751	91	19416	0.60	UG/L	97
74) M/P-XYLENES	8.380	91	16140	0.60	UG/L	97
90) 1,2,4-TRIMETHYLBENZENE	10.084	105	9362	0.31	UG/L	96

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

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078020.D
Acq On : 19 Mar 2013 7:05 pm
Operator :
Sample : 13C0408-05 Inst : GCMSVOA5
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 21 09:53:21 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

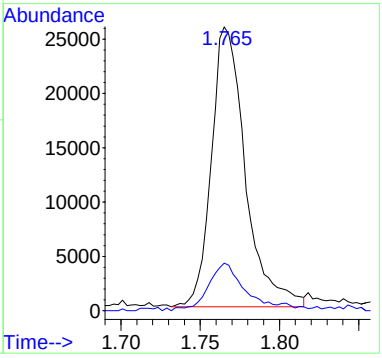


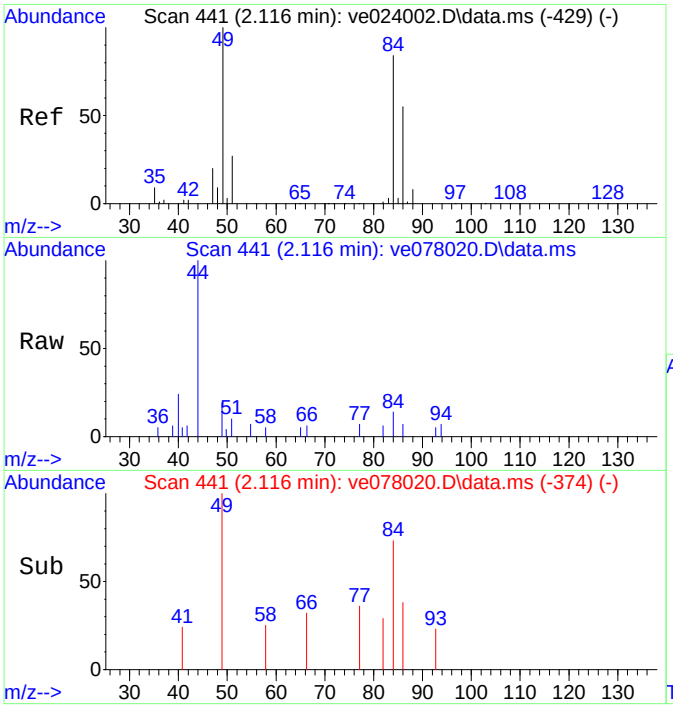


#14
ACETONE
Concen: 12.83 UG/L
RT: 1.765 min Scan# 315
Delta R.T. 0.003 min
Lab File: ve078020.D
Acq: 19 Mar 2013 7:05 pm

Tgt Ion: 43 Resp: 38389

Ion	Ratio	Lower	Upper
43	100		
58	17.9	28.2	42.4#

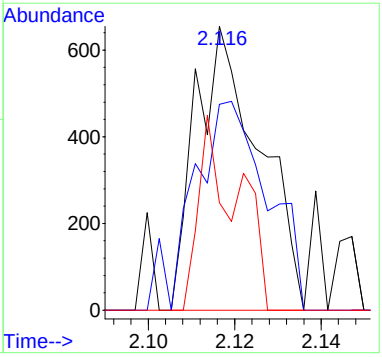


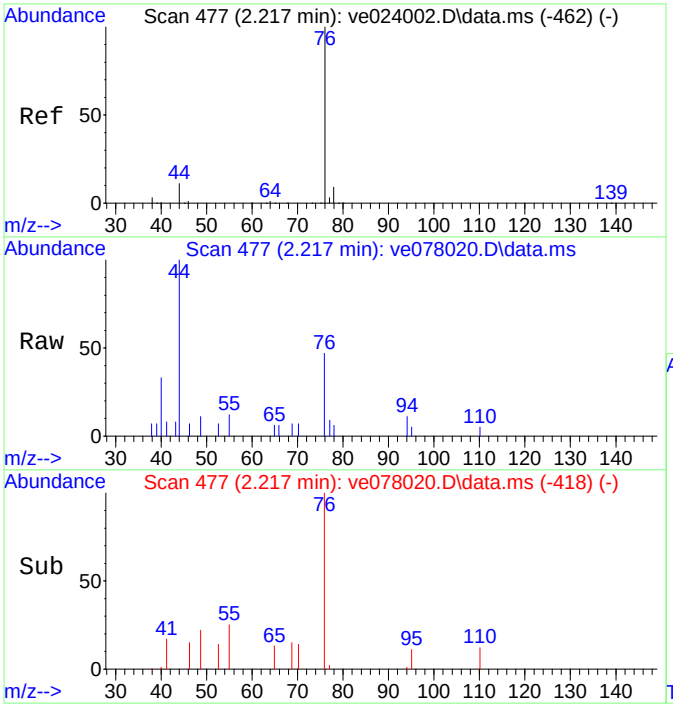


#22
METHYLENE CHLORIDE
Concen: Below Cal
RT: 2.116 min Scan# 441
Delta R.T. -0.003 min
Lab File: ve078020.D
Acq: 19 Mar 2013 7:05 pm

Tgt Ion: 49 Resp: 675

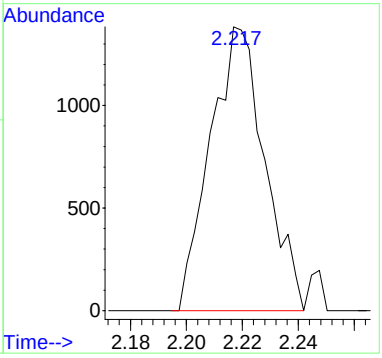
Ion	Ratio	Lower	Upper
49	100		
84	85.6	52.4	78.6#
86	0.0	32.2	48.2#

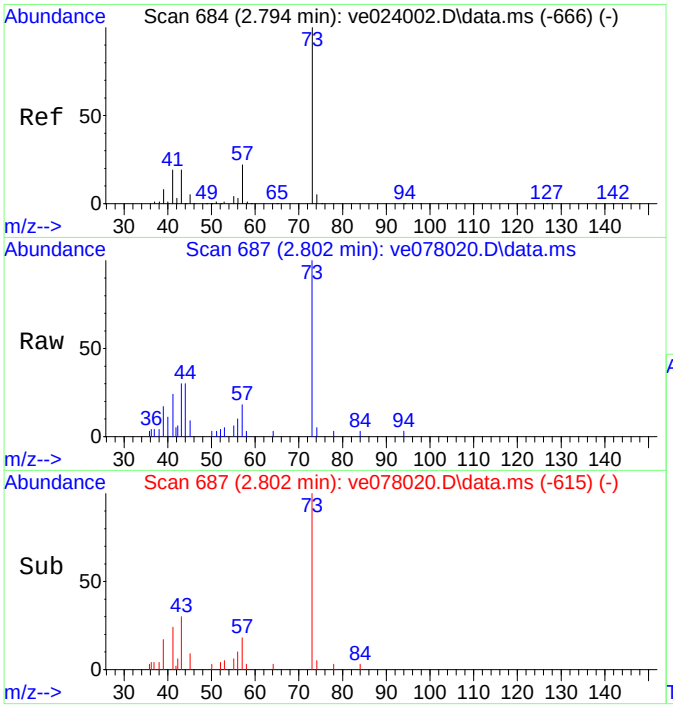




#23
CARBON DISULFIDE
Concen: Below Cal
RT: 2.217 min Scan# 477
Delta R.T. -0.000 min
Lab File: ve078020.D
Acq: 19 Mar 2013 7:05 pm

Tgt Ion: 76 Resp: 1867

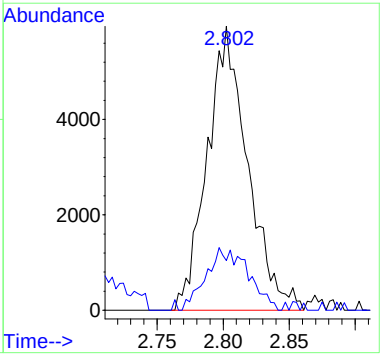


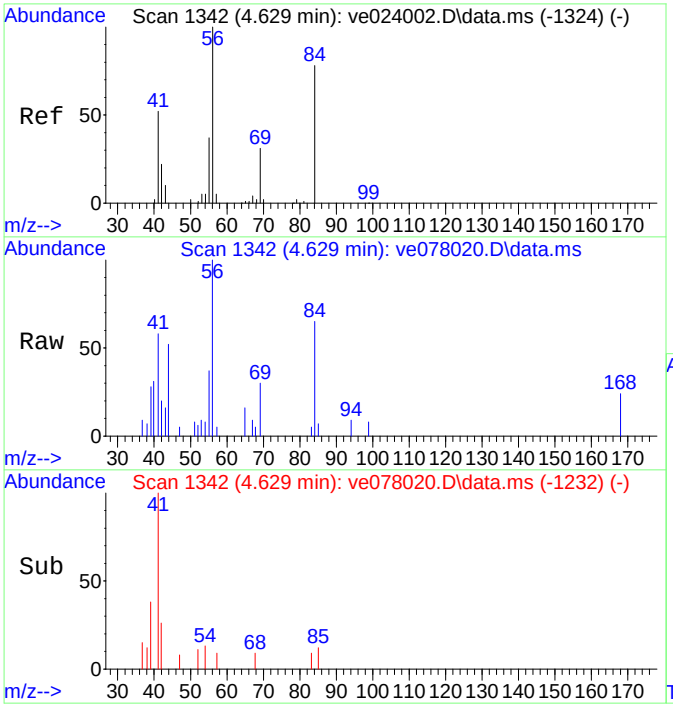


#24
METHYL TERT-BUTYL ETHER (MTBE)
Concen: 0.72 UG/L
RT: 2.802 min Scan# 687
Delta R.T. -0.001 min
Lab File: ve078020.D
Acq: 19 Mar 2013 7:05 pm

Tgt Ion: 73 Resp: 12694

Ion	Ratio	Lower	Upper
73	100		
57	11.4	22.0	33.0#

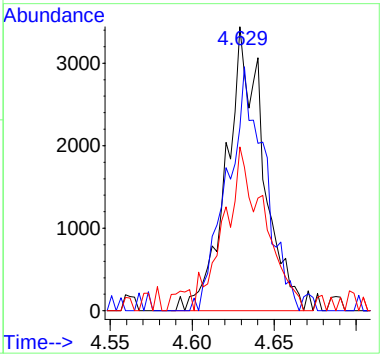


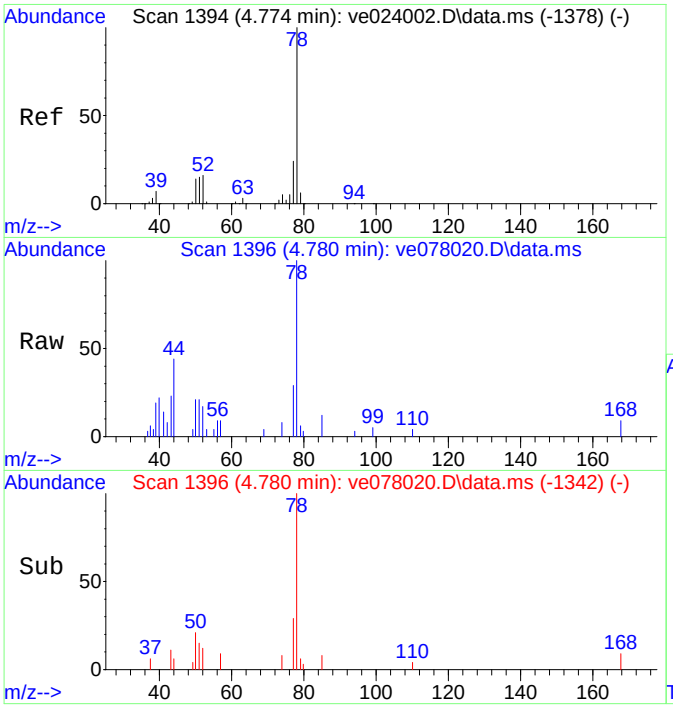


#42
CYCLOHEXANE
Concen: 0.39 UG/L
RT: 4.629 min Scan# 1342
Delta R.T. -0.003 min
Lab File: ve078020.D
Acq: 19 Mar 2013 7:05 pm

Tgt Ion: 56 Resp: 5369

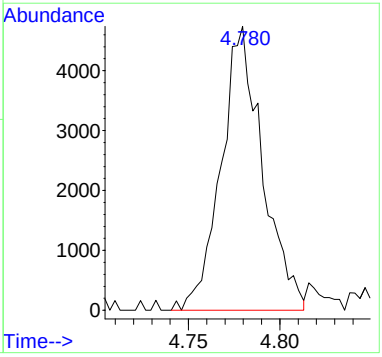
Ion	Ratio	Lower	Upper
56	100		
84	87.9	51.0	76.4#
41	41.5	39.0	58.6

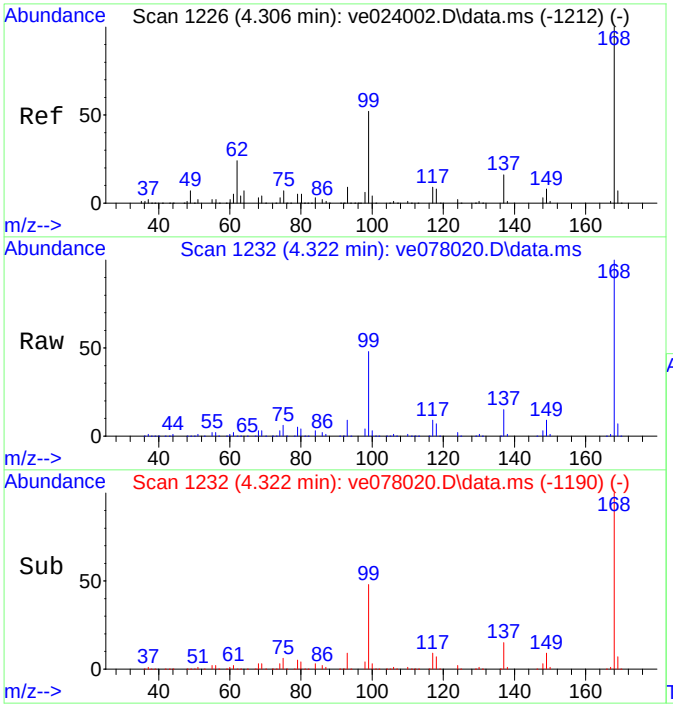




#45
BENZENE
Concen: 0.24 UG/L
RT: 4.780 min Scan# 1396
Delta R.T. 0.003 min
Lab File: ve078020.D
Acq: 19 Mar 2013 7:05 pm

Tgt Ion: 78 Resp: 7460

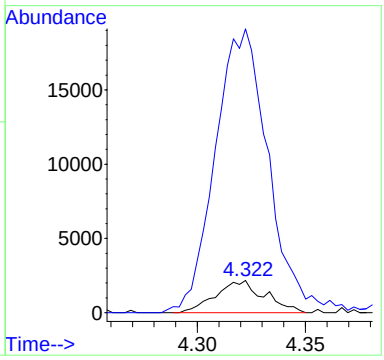


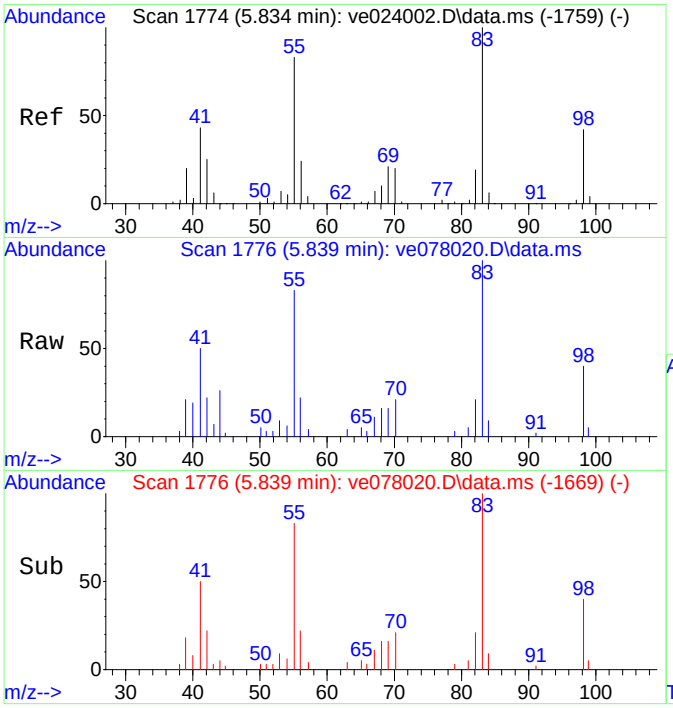


#49
1,2-DICHLOROETHANE
Concen: 0.31 UG/L
RT: 4.322 min Scan# 1232
Delta R.T. 0.013 min
Lab File: ve078020.D
Acq: 19 Mar 2013 7:05 pm

Tgt Ion: 62 Resp: 3416

Ion	Ratio	Lower	Upper
62	100		
98	961.4	22.7	34.1#

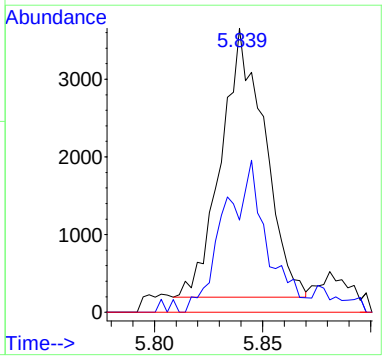


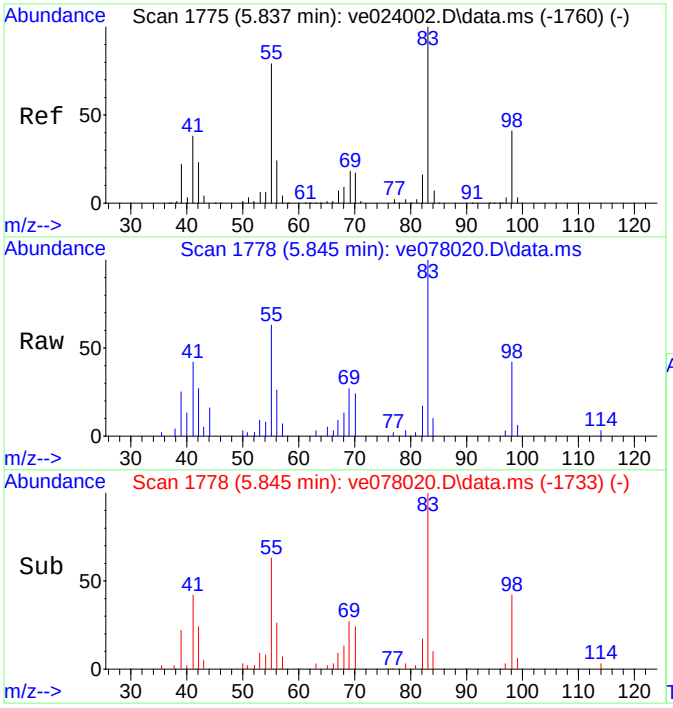


#50
METHYL METHACRYLATE
Concen: 0.29 UG/L
RT: 5.839 min Scan# 1776
Delta R.T. -0.003 min
Lab File: ve078020.D
Acq: 19 Mar 2013 7:05 pm

Tgt Ion: 41 Resp: 4852

Ion	Ratio	Lower	Upper
41	100		
69	25.8	50.4	75.6#
100	0.0	21.6	32.4#

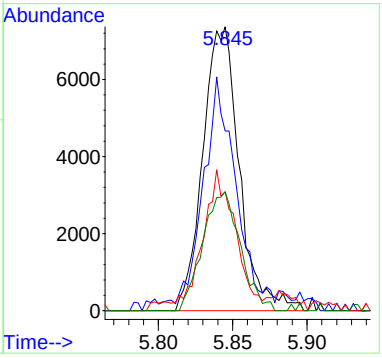


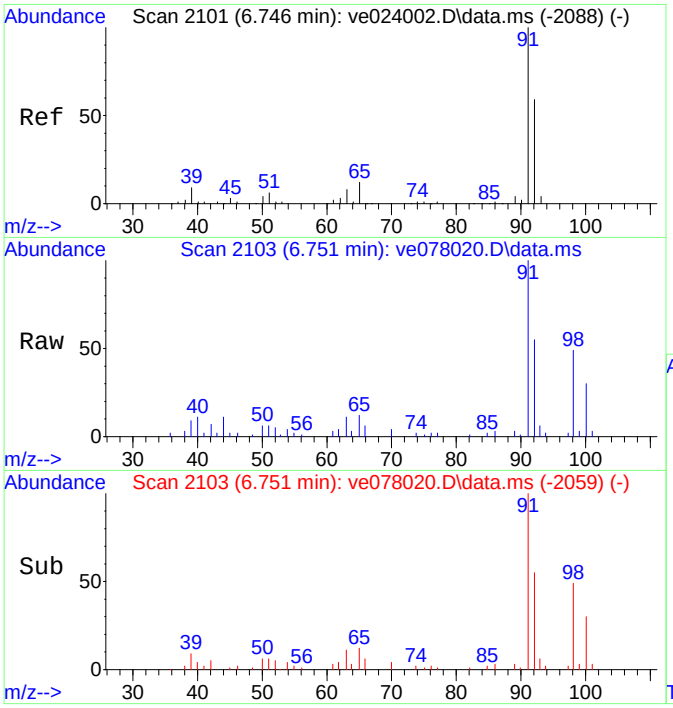


#52
METHYLCYCLOHEXANE
Concen: 1.01 UG/L
RT: 5.845 min Scan# 1778
Delta R.T. 0.003 min
Lab File: ve078020.D
Acq: 19 Mar 2013 7:05 pm

Tgt Ion: 83 Resp: 12596

Ion	Ratio	Lower	Upper
83	100		
55	67.4	78.9	118.3#
41	38.5	37.6	56.4
98	43.1	37.2	55.8

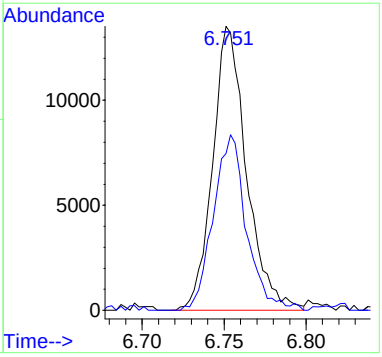


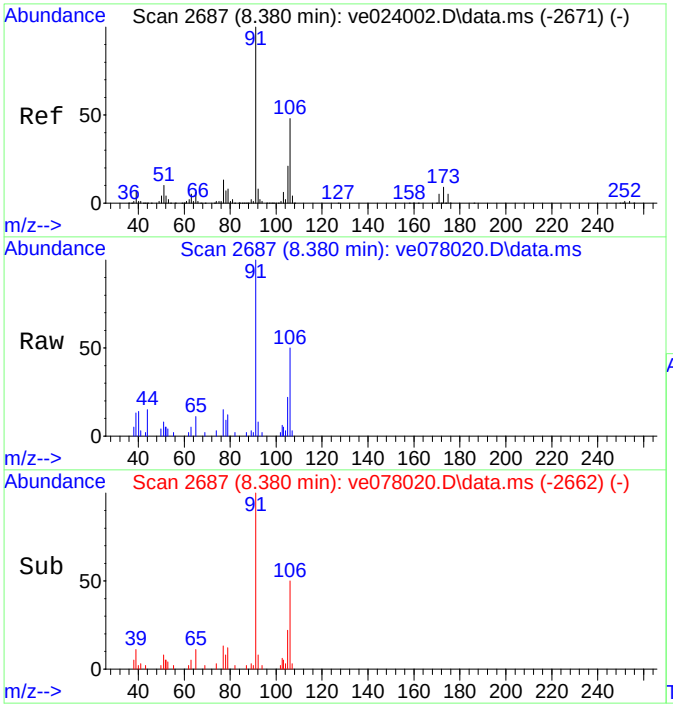


#60
TOLUENE
Concen: 0.60 UG/L
RT: 6.751 min Scan# 2103
Delta R.T. 0.000 min
Lab File: ve078020.D
Acq: 19 Mar 2013 7:05 pm

Tgt Ion: 91 Resp: 19416

Ion	Ratio	Lower	Upper
91	100		
92	60.4	46.6	70.0

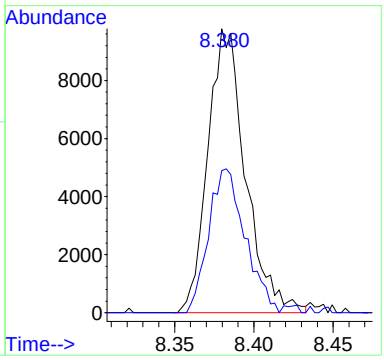


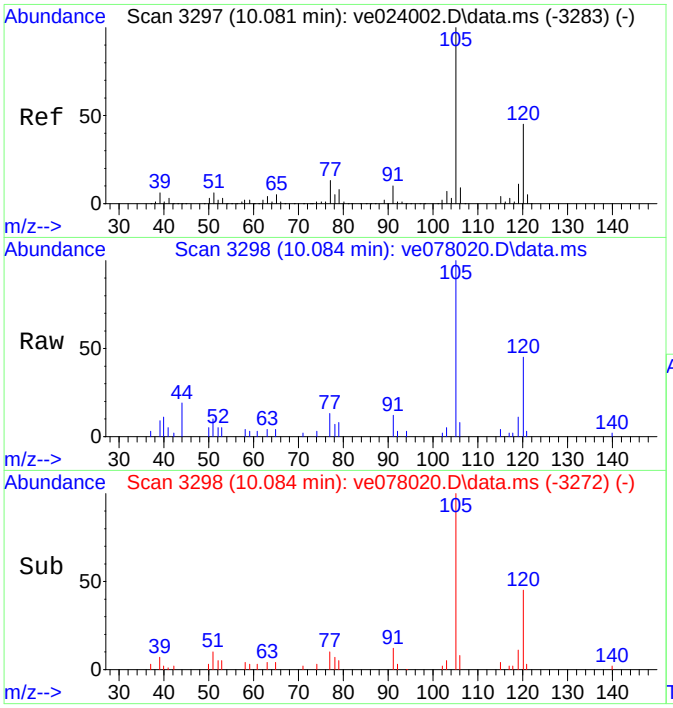


#74
M/P-XYLENES
Concen: 0.60 UG/L
RT: 8.380 min Scan# 2687
Delta R.T. -0.003 min
Lab File: ve078020.D
Acq: 19 Mar 2013 7:05 pm

Tgt Ion: 91 Resp: 16140

Ion	Ratio	Lower	Upper
91	100		
106	49.2	40.8	61.2

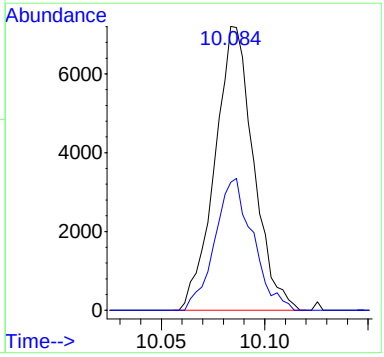




#90
1,2,4-TRIMETHYLBENZENE
Concen: 0.31 UG/L
RT: 10.084 min Scan# 3298
Delta R.T. -0.003 min
Lab File: ve078020.D
Acq: 19 Mar 2013 7:05 pm

Tgt Ion:105 Resp: 9362

Ion	Ratio	Lower	Upper
105	100		
120	45.6	38.5	57.7



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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

B-50_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-06	File ID:	ve078027.D
Sampled:	03/13/13 10:35	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 22:09
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	V-05
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	5.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	2.0	
135-98-8	sec-Butylbenzene		0.050	2.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	V-05
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

B-50_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-06	File ID:	ve078027.D
Sampled:	03/13/13 10:35	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 22:09
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039	Instrument:	GCMSVOA5

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	53	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	V-05
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

B-50_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-06	File ID:	ve078027.D
Sampled:	03/13/13 10:35	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 22:09
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	V-05
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	V-05
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	2.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride	8.5	0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

B-50_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-06	File ID:	ve078027.D
Sampled:	03/13/13 10:35	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 22:09
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078027.D
Acq On : 19 Mar 2013 10:09 pm
Operator :
Sample : 13C0408-06 Inst : GCMSVOA5
Misc : 1
ALS Vial : 27 Sample Multiplier: 1

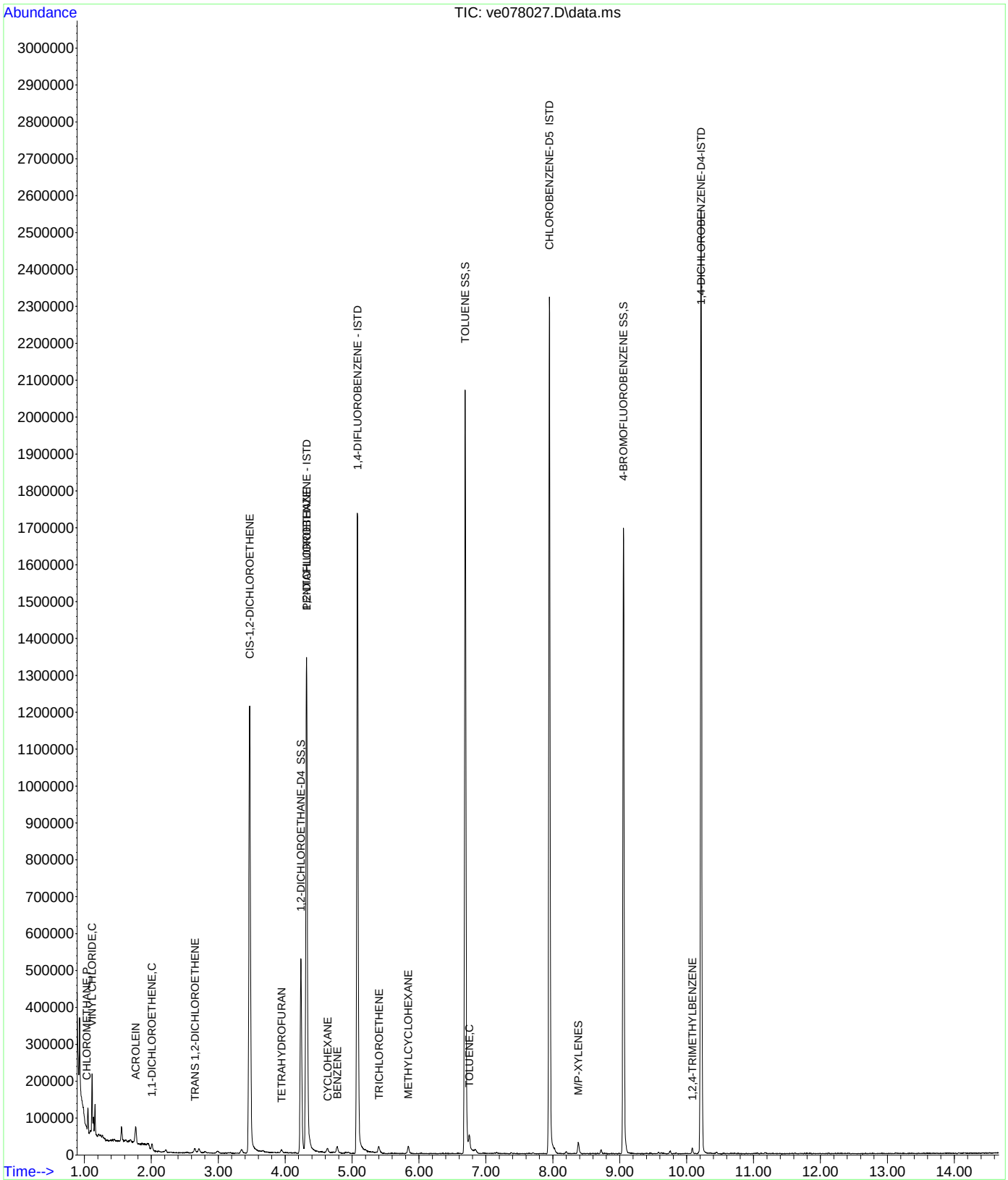
Quant Time: Mar 21 09:56:08 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

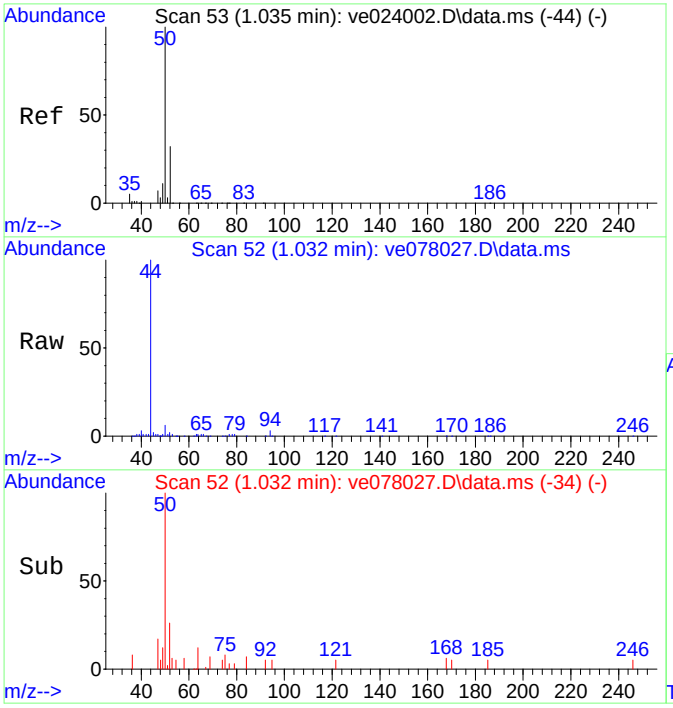
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.320	168	848277	30.00	UG/L		0.00
47) 1,4-DIFLUOROBENZENE - ...	5.081	114	1210300	30.00	UG/L		0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	569356	30.00	UG/L		0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	562269	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	325654	21.35	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 85.40%				
48) TOLUENE SS	6.690	98	1134048	23.77	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.08%				
70) 4-BROMOFLUOROBENZENE SS	9.055	95	440283	25.99	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.96%				
Target Compounds							Qvalue
5) CHLOROMETHANE	1.032	50	2349	0.23	UG/L	#	76
6) VINYL CHLORIDE	1.113	62	75876	8.46	UG/L		95
13) ACROLEIN	1.762	56	651	0.40	UG/L	#	1
15) 1,1-DICHLOROETHENE	2.005	61	3077	0.25	UG/L	#	68
22) METHYLENE CHLORIDE	2.117	49	723	Below Cal		#	24
23) CARBON DISULFIDE	2.217	76	7200	Below Cal			100
25) TRANS 1,2-DICHLOROETHENE	2.652	61	4012	0.36	UG/L		86
34) CIS-1,2-DICHLOROETHENE	3.469	61	627688	53.45	UG/L		88
38) TETRAHYDROFURAN	3.946	42	599	0.24	UG/L	#	38
42) CYCLOHEXANE	4.635	56	4434	0.32	UG/L	#	70
45) BENZENE	4.777	78	11153	0.36	UG/L		100
49) 1,2-DICHLOROETHANE	4.320	62	3764	0.35	UG/L	#	1
50) METHYL METHACRYLATE	5.842	41	3032	Below Cal		#	72
51) TRICHLOROETHENE	5.402	95	3070	0.38	UG/L		92
52) METHYLCYCLOHEXANE	5.839	83	6696	0.54	UG/L	#	87
60) TOLUENE	6.751	91	21711	0.68	UG/L		99
74) M/P-XYLENES	8.380	91	15903	0.61	UG/L		100
90) 1,2,4-TRIMETHYLBENZENE	10.084	105	6431	0.23	UG/L		99

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

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078027.D
Acq On : 19 Mar 2013 10:09 pm
Operator :
Sample : 13C0408-06 Inst : GCMSVOA5
Misc : 1
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Mar 21 09:56:08 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

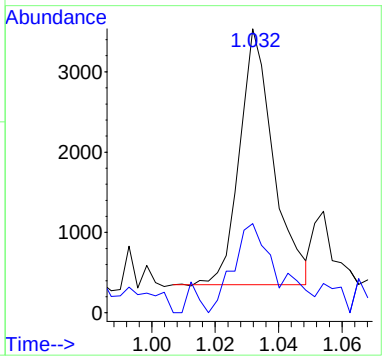


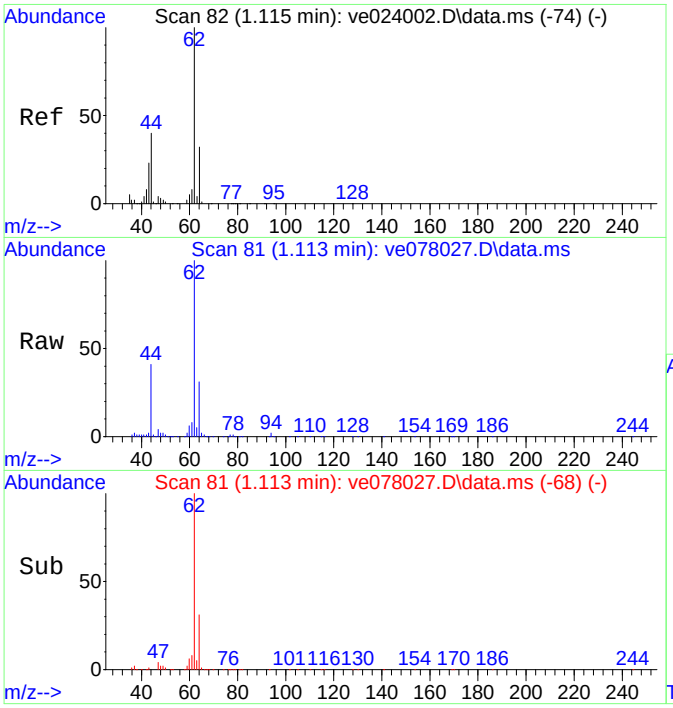


#5
CHLOROMETHANE
Concen: 0.23 UG/L
RT: 1.032 min Scan# 52
Delta R.T. -0.003 min
Lab File: ve078027.D
Acq: 19 Mar 2013 10:09 pm

Tgt Ion: 50 Resp: 2349

Ion	Ratio	Lower	Upper
50	100		
52	46.8	26.6	40.0#

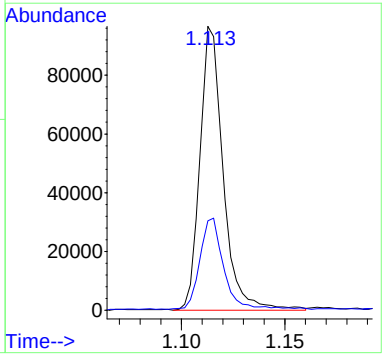


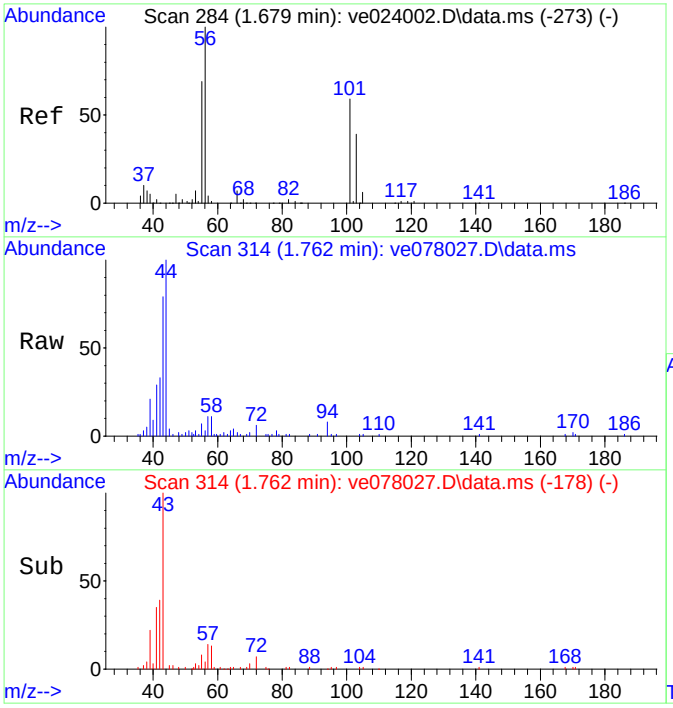


#6
VINYL CHLORIDE
Concen: 8.46 UG/L
RT: 1.113 min Scan# 81
Delta R.T. -0.000 min
Lab File: ve078027.D
Acq: 19 Mar 2013 10:09 pm

Tgt Ion: 62 Resp: 75876

Ion	Ratio	Lower	Upper
62	100		
64	32.7	24.0	36.0

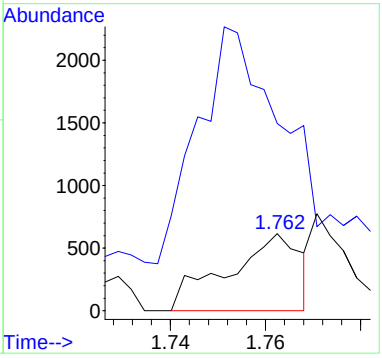


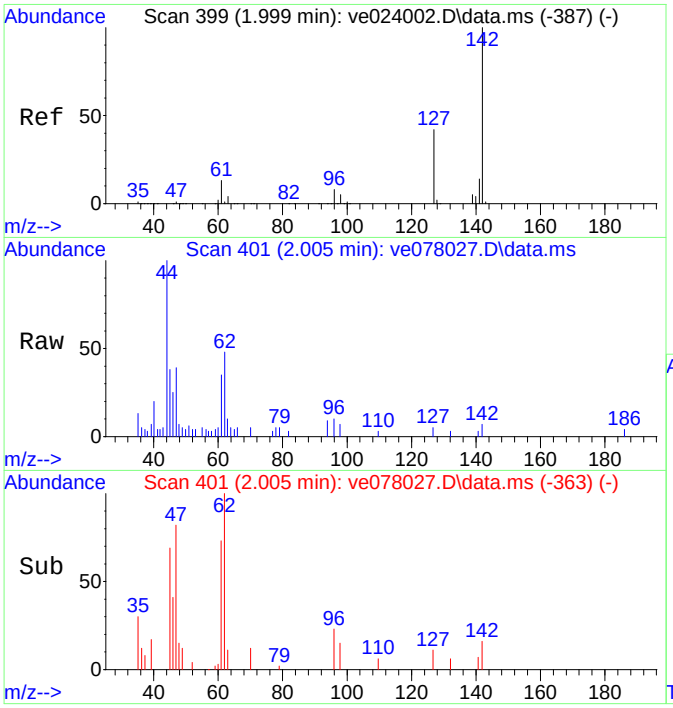


#13
ACROLEIN
Concen: 0.40 UG/L
RT: 1.762 min Scan# 314
Delta R.T. 0.080 min
Lab File: ve078027.D
Acq: 19 Mar 2013 10:09 pm

Tgt Ion: 56 Resp: 651

Ion	Ratio	Lower	Upper
56	100		
55	425.8	56.8	85.2#

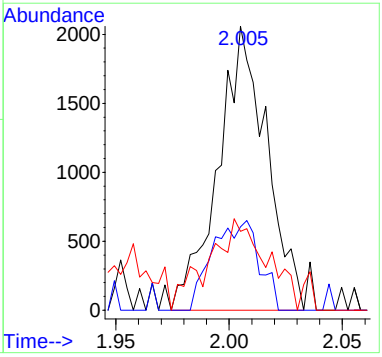


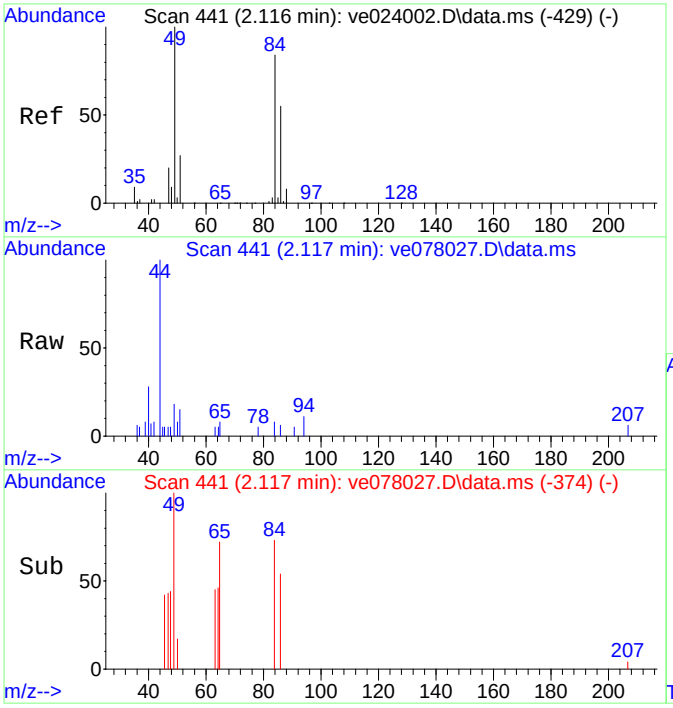


#15
1,1-DICHLOROETHENE
Concen: 0.25 UG/L
RT: 2.005 min Scan# 401
Delta R.T. 0.003 min
Lab File: ve078027.D
Acq: 19 Mar 2013 10:09 pm

Tgt Ion: 61 Resp: 3077

Ion	Ratio	Lower	Upper
61	100		
96	30.5	52.1	78.1#
63	38.5	26.3	39.5

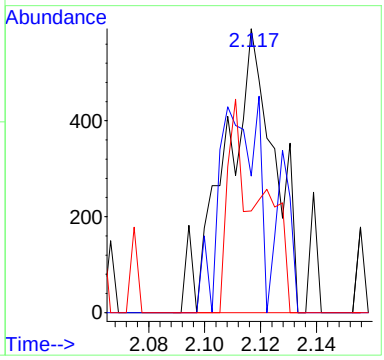


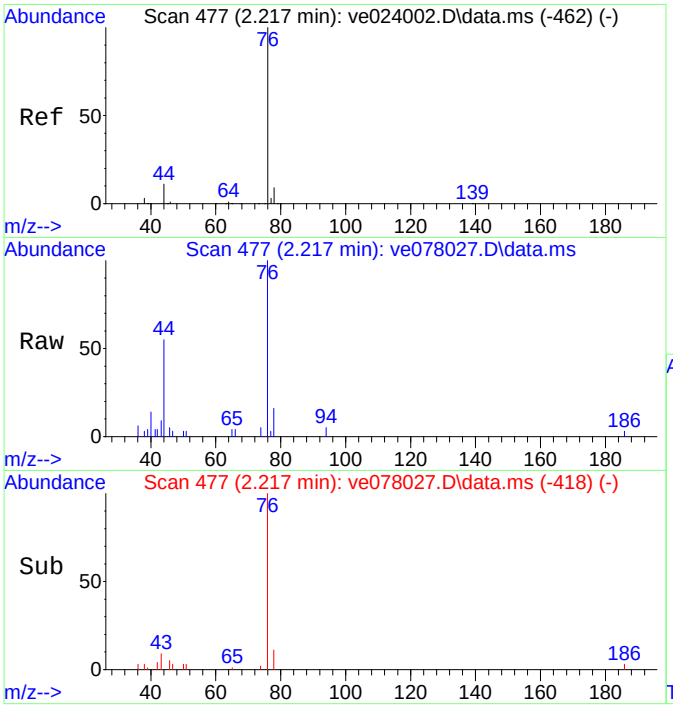


#22
METHYLENE CHLORIDE
Concen: Below Cal
RT: 2.117 min Scan# 441
Delta R.T. -0.002 min
Lab File: ve078027.D
Acq: 19 Mar 2013 10:09 pm

Tgt Ion: 49 Resp: 723

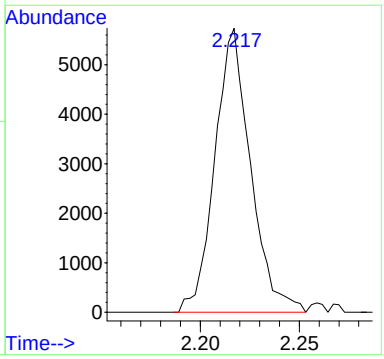
Ion	Ratio	Lower	Upper
49	100		
84	0.0	52.4	78.6#
86	0.0	32.2	48.2#

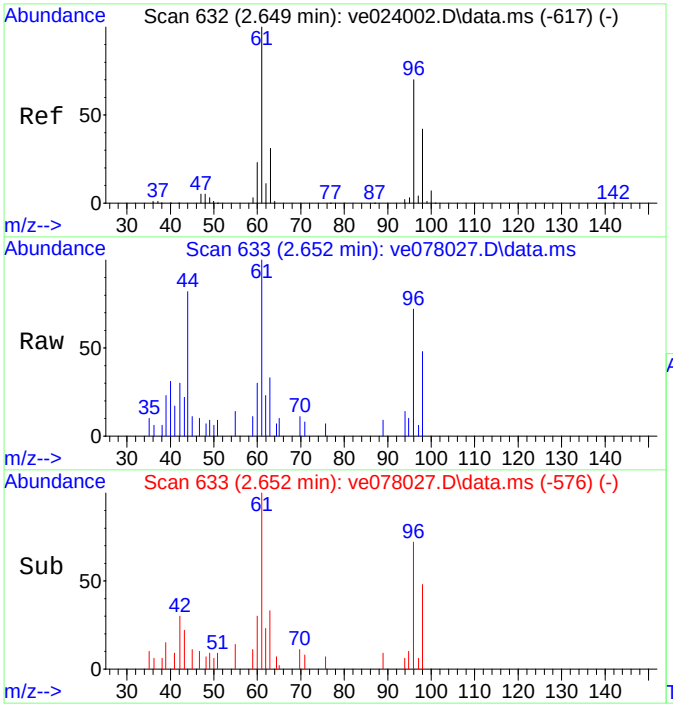




#23
CARBON DISULFIDE
Concen: Below Cal
RT: 2.217 min Scan# 477
Delta R.T. 0.000 min
Lab File: ve078027.D
Acq: 19 Mar 2013 10:09 pm

Tgt Ion: 76 Resp: 7200

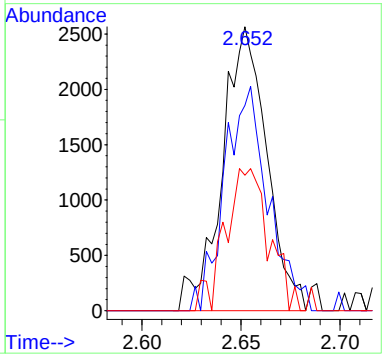


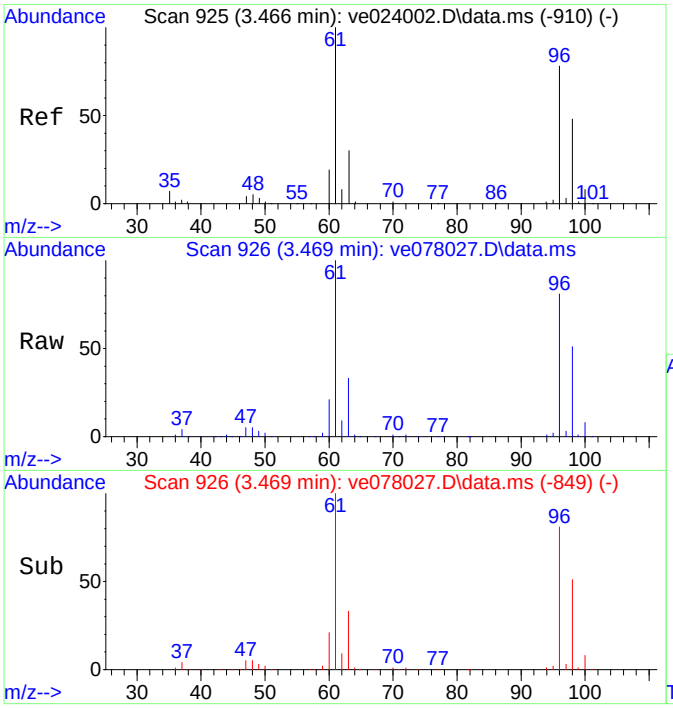


#25
TRANS 1,2-DICHLOROETHENE
Concen: 0.36 UG/L
RT: 2.652 min Scan# 633
Delta R.T. 0.003 min
Lab File: ve078027.D
Acq: 19 Mar 2013 10:09 pm

Tgt Ion: 61 Resp: 4012

Ion	Ratio	Lower	Upper
61	100		
96	77.3	52.1	78.1
98	49.6	34.2	51.2

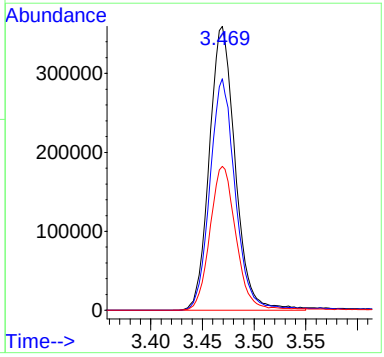


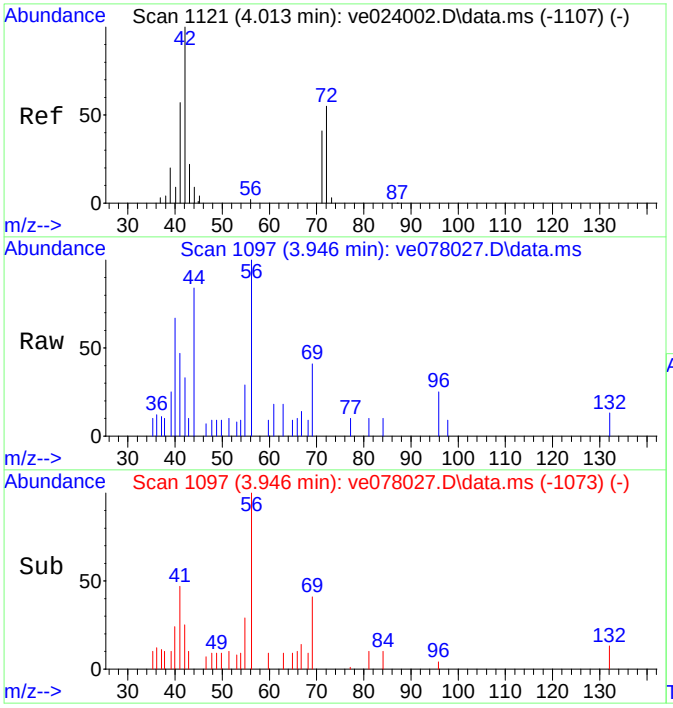


#34
CIS-1,2-DICHLOROETHENE
Concen: 53.45 UG/L
RT: 3.469 min Scan# 926
Delta R.T. 0.000 min
Lab File: ve078027.D
Acq: 19 Mar 2013 10:09 pm

Tgt Ion: 61 Resp: 627688

Ion	Ratio	Lower	Upper
61	100		
96	79.8	55.4	83.0
98	51.4	35.5	53.3

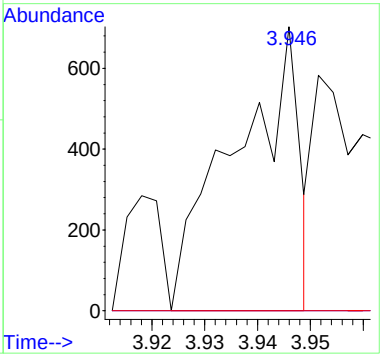


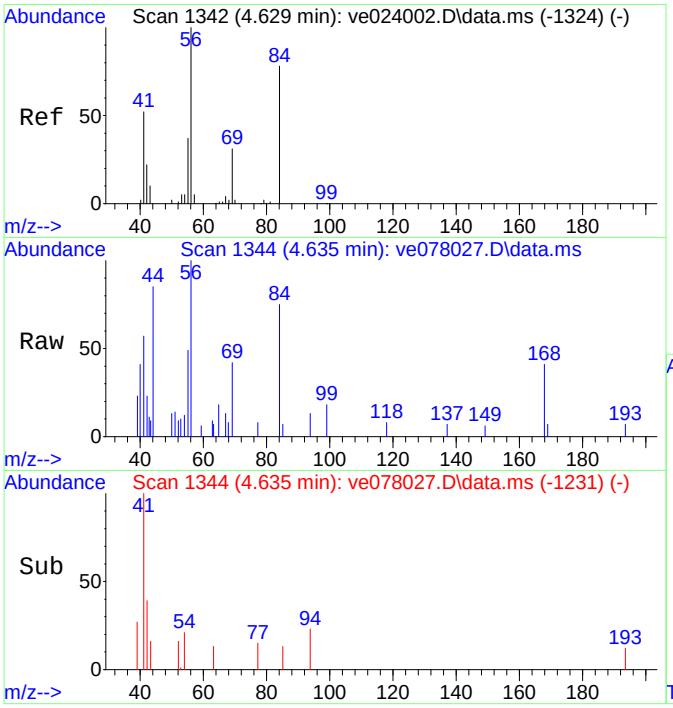


#38
TETRAHYDROFURAN
Concen: 0.24 UG/L
RT: 3.946 min Scan# 1097
Delta R.T. -0.067 min
Lab File: ve078027.D
Acq: 19 Mar 2013 10:09 pm

Tgt Ion: 42 Resp: 599

Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.6	44.4#
71	0.0	28.6	43.0#

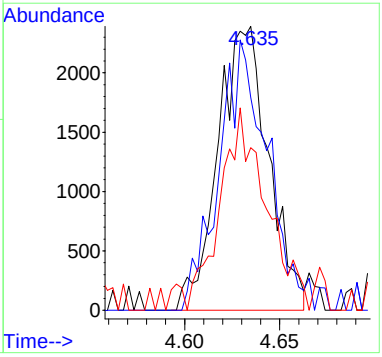


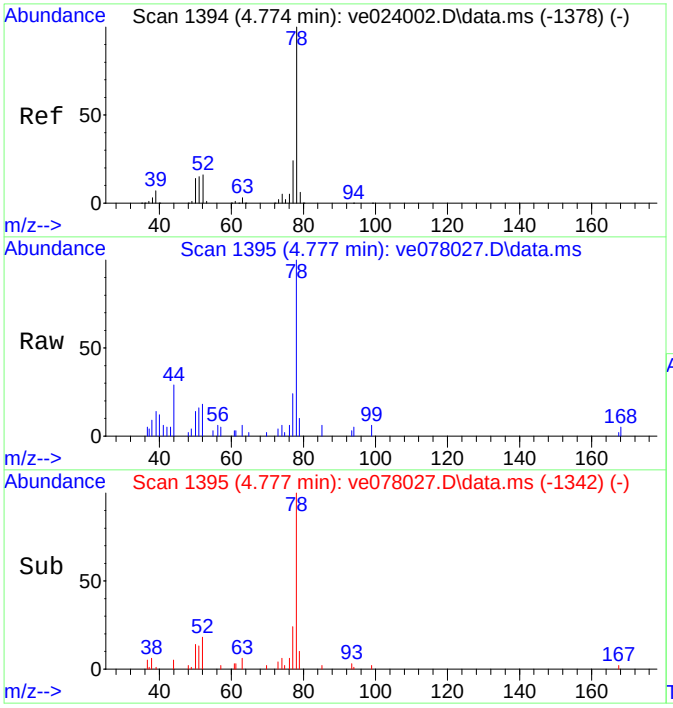


#42
CYCLOHEXANE
Concen: 0.32 UG/L
RT: 4.635 min Scan# 1344
Delta R.T. 0.003 min
Lab File: ve078027.D
Acq: 19 Mar 2013 10:09 pm

Tgt Ion: 56 Resp: 4434

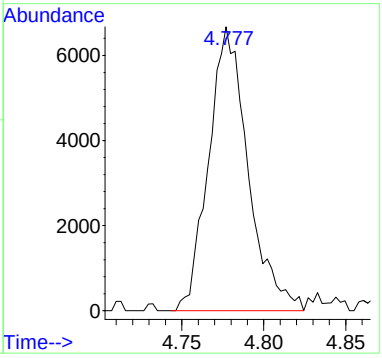
Ion	Ratio	Lower	Upper
56	100		
84	91.3	51.0	76.4#
41	64.7	39.0	58.6#

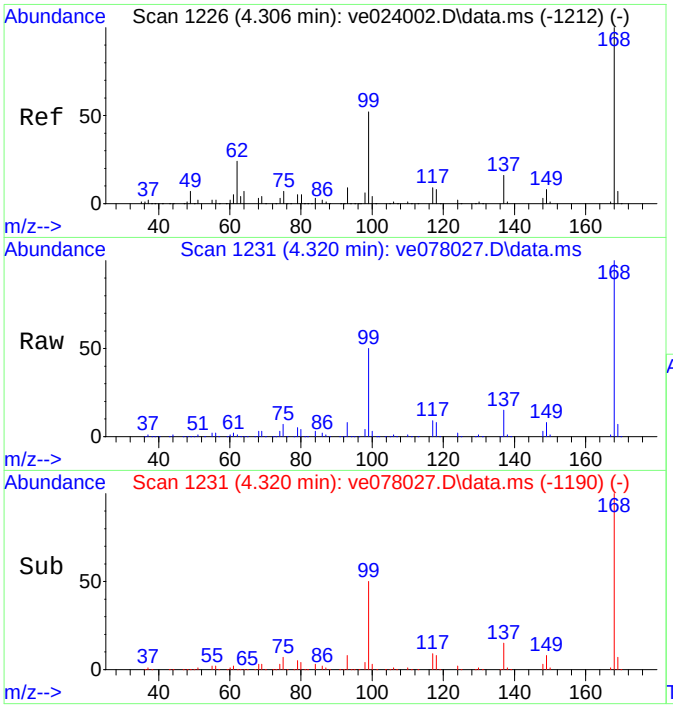




#45
BENZENE
Concen: 0.36 UG/L
RT: 4.777 min Scan# 1395
Delta R.T. -0.000 min
Lab File: ve078027.D
Acq: 19 Mar 2013 10:09 pm

Tgt Ion: 78 Resp: 11153

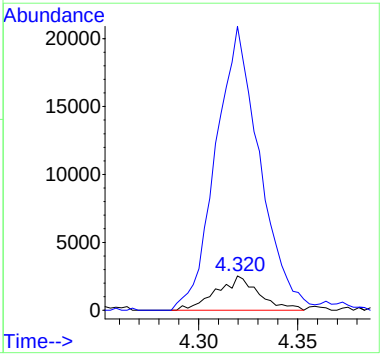


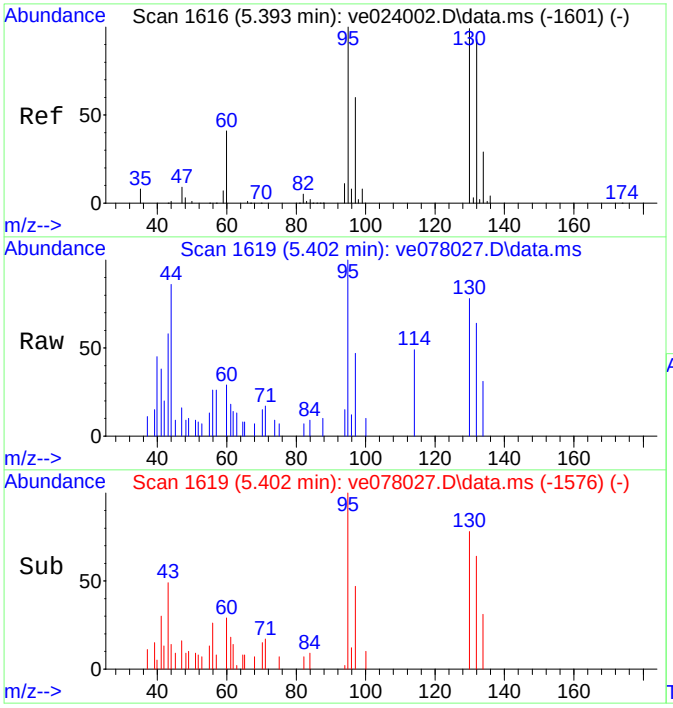


#49
1,2-DICHLOROETHANE
Concen: 0.35 UG/L
RT: 4.320 min Scan# 1231
Delta R.T. 0.011 min
Lab File: ve078027.D
Acq: 19 Mar 2013 10:09 pm

Tgt Ion: 62 Resp: 3764

Ion	Ratio	Lower	Upper
62	100		
98	858.0	22.7	34.1#

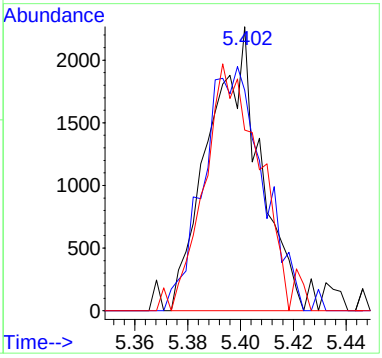


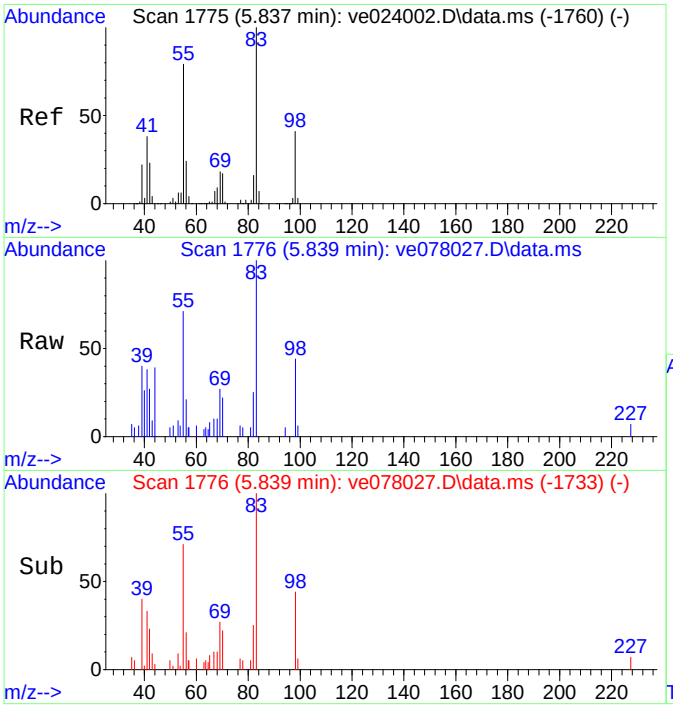


#51
TRICHLOROETHENE
Concen: 0.38 UG/L
RT: 5.402 min Scan# 1619
Delta R.T. 0.006 min
Lab File: ve078027.D
Acq: 19 Mar 2013 10:09 pm

Tgt Ion: 95 Resp: 3070

Ion	Ratio	Lower	Upper
95	100		
130	99.1	81.5	122.3
132	91.7	83.5	125.3

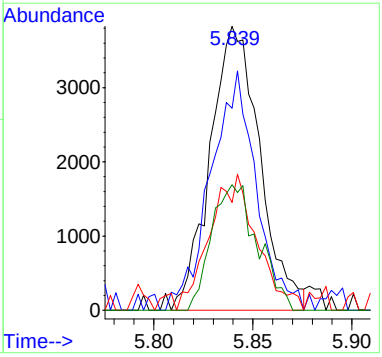


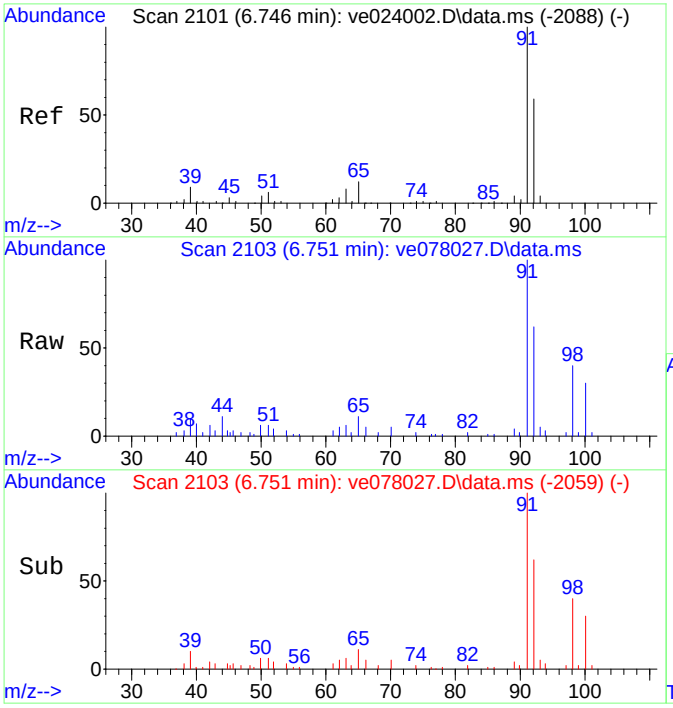


#52
METHYLCYCLOHEXANE
Concen: 0.54 UG/L
RT: 5.839 min Scan# 1776
Delta R.T. -0.003 min
Lab File: ve078027.D
Acq: 19 Mar 2013 10:09 pm

Tgt Ion: 83 Resp: 6696

Ion	Ratio	Lower	Upper
83	100		
55	77.6	78.9	118.3#
41	45.3	37.6	56.4
98	41.1	37.2	55.8

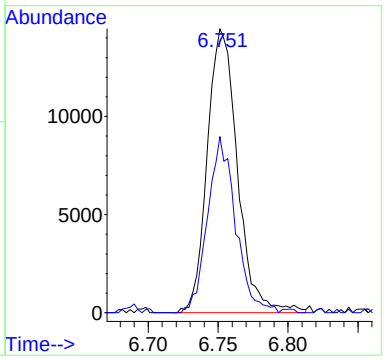


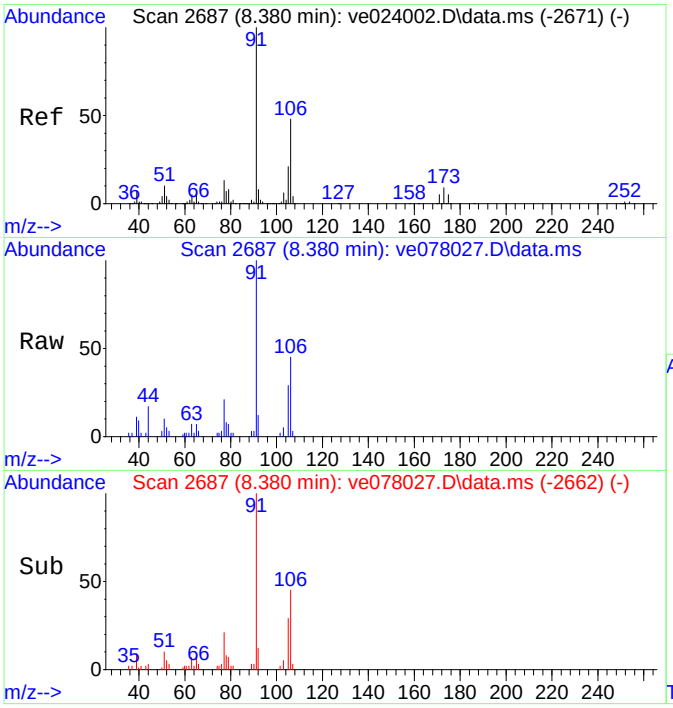


#60
TOLUENE
Concen: 0.68 UG/L
RT: 6.751 min Scan# 2103
Delta R.T. 0.000 min
Lab File: ve078027.D
Acq: 19 Mar 2013 10:09 pm

Tgt Ion: 91 Resp: 21711

Ion	Ratio	Lower	Upper
91	100		
92	57.2	46.6	70.0

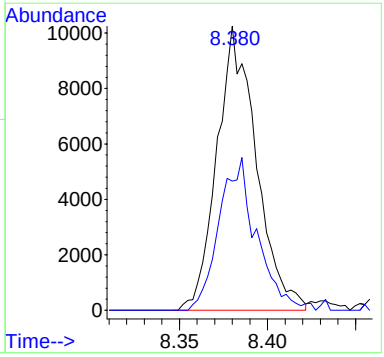


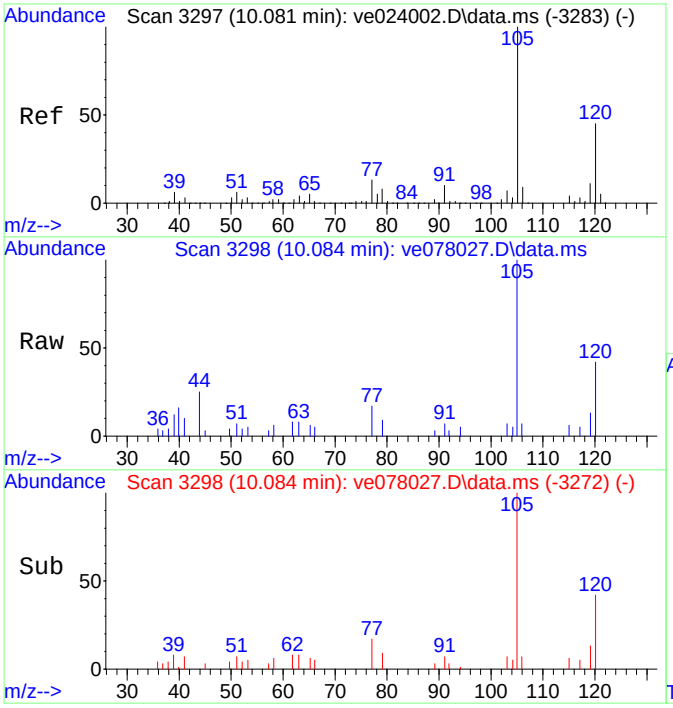


#74
M/P-XYLENES
Concen: 0.61 UG/L
RT: 8.380 min Scan# 2687
Delta R.T. -0.003 min
Lab File: ve078027.D
Acq: 19 Mar 2013 10:09 pm

Tgt Ion: 91 Resp: 15903

Ion	Ratio	Lower	Upper
91	100		
106	51.1	40.8	61.2

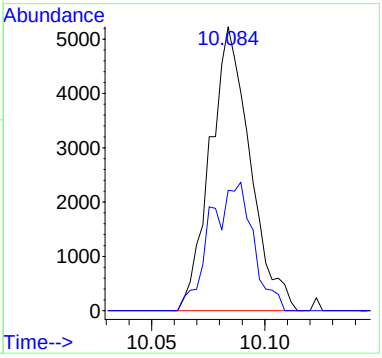




#90
1,2,4-TRIMETHYLBENZENE
Concen: 0.23 UG/L
RT: 10.084 min Scan# 3298
Delta R.T. -0.003 min
Lab File: ve078027.D
Acq: 19 Mar 2013 10:09 pm

Tgt Ion:105 Resp: 6431

Ion	Ratio	Lower	Upper
105	100		
120	48.9	38.5	57.7



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1 - FORM I
ANALYSIS DATA SHEET

B-51_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-07	File ID:	ve078021.D
Sampled:	03/13/13 10:15	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 19:31
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	V-05
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	5.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	2.0	
135-98-8	sec-Butylbenzene		0.050	2.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	V-05
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

B-51_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-07	File ID:	ve078021.D
Sampled:	03/13/13 10:15	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 19:31
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	V-05
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

B-51_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-07	File ID:	ve078021.D
Sampled:	03/13/13 10:15	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 19:31
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039	Instrument:	GCMSVOA5

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	V-05
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	V-05
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene	1.2	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	2.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

B-51_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-07	File ID:	ve078021.D
Sampled:	03/13/13 10:15	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 19:31
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078021.D
Acq On : 19 Mar 2013 7:31 pm
Operator :
Sample : 13C0408-07 Inst : GCMSVOA5
Misc : 1
ALS Vial : 21 Sample Multiplier: 1

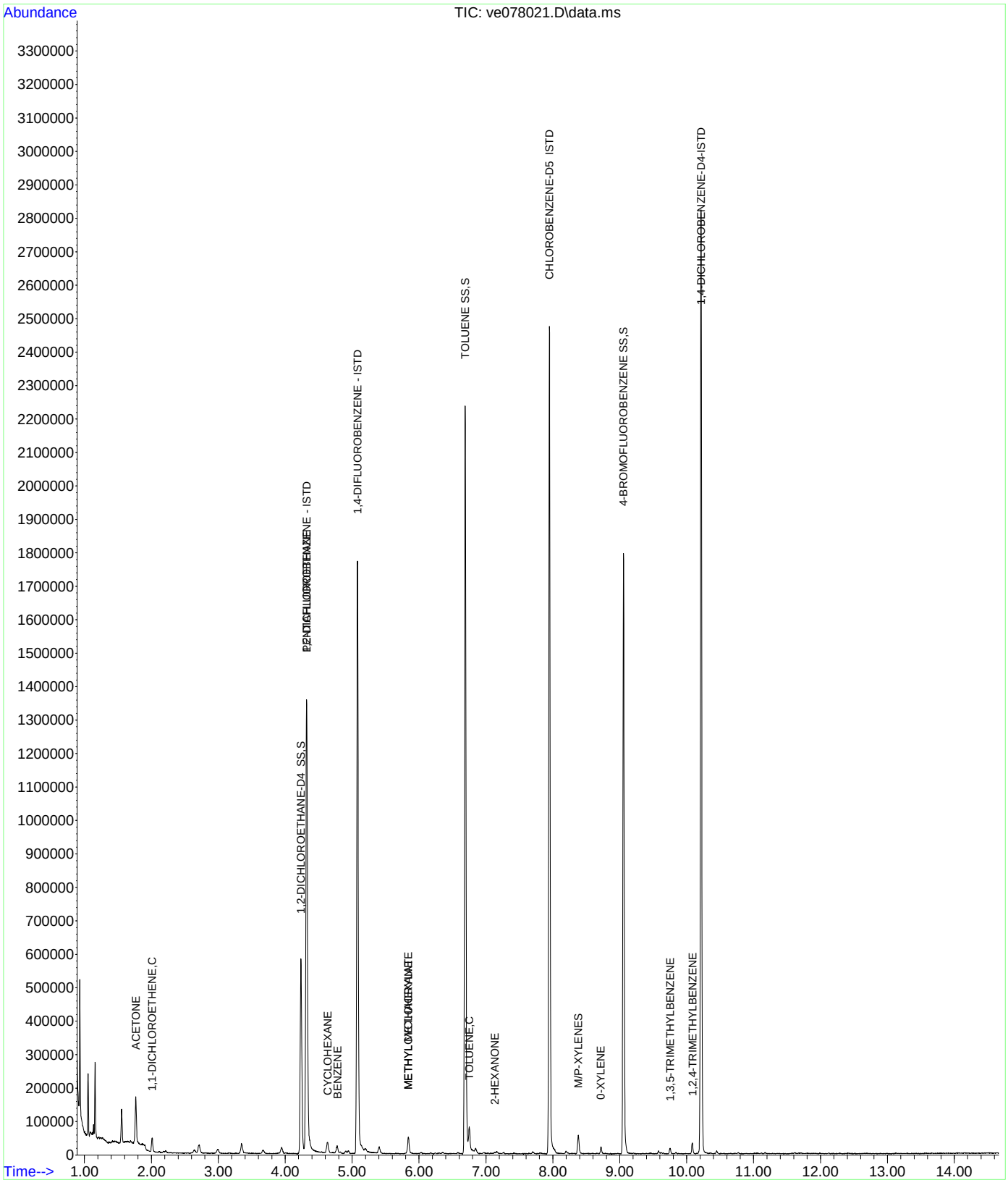
Quant Time: Mar 21 09:53:41 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

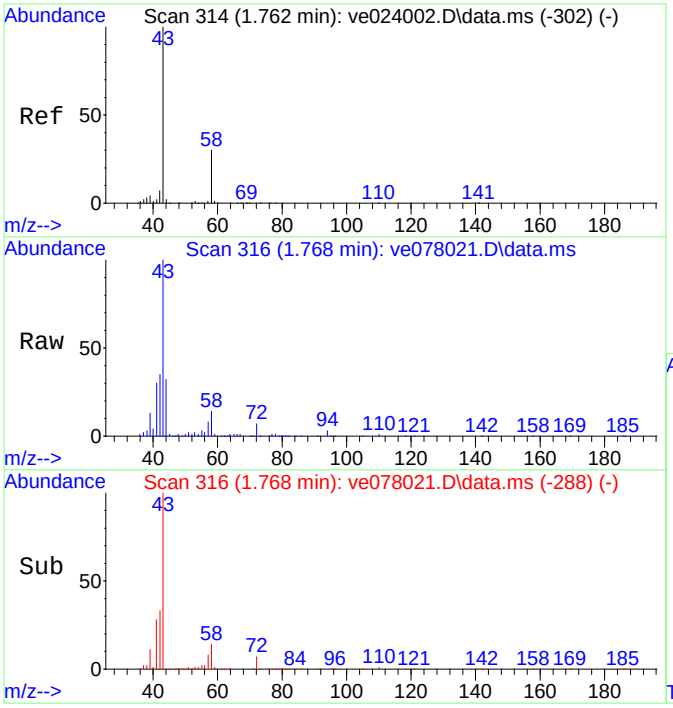
Compound		R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards								
1) PENTAFLUOROBENZENE - ISTD		4.320	168	884925	30.00	UG/L		0.00
47) 1,4-DIFLUOROBENZENE - ...		5.081	114	1244076	30.00	UG/L		0.00
69) CHLOROBENZENE-D5 ISTD		7.948	82	600223	30.00	UG/L		0.00
88) 1,4-DICHLOROBENZENE-D4...		10.215	152	614784	30.00	UG/L		0.00
System Monitoring Compounds								
2) 1,2-DICHLOROETHANE-D4	SS	4.233	65	361710	22.73	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130			Recovery = 90.92%				
48) TOLUENE SS		6.690	98	1222254	24.93	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130			Recovery = 99.72%				
70) 4-BROMOFLUOROBENZENE SS		9.055	95	464364	26.00	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130			Recovery = 104.00%				
Target Compounds								Qvalue
14) ACETONE		1.768	43	89488	28.88	UG/L	#	74
15) 1,1-DICHLOROETHENE		2.011	61	4984	0.38	UG/L	#	34
22) METHYLENE CHLORIDE		2.117	49	563	Below Cal		#	32
23) CARBON DISULFIDE		2.220	76	4652	Below Cal			100
42) CYCLOHEXANE		4.635	56	13420	0.94	UG/L	#	72
45) BENZENE		4.780	78	12805	0.40	UG/L		100
49) 1,2-DICHLOROETHANE		4.320	62	3433	0.31	UG/L	#	1
50) METHYL METHACRYLATE		5.839	41	7084	0.66	UG/L	#	73
52) METHYLCYCLOHEXANE		5.839	83	17329	1.37	UG/L	#	84
60) TOLUENE		6.751	91	39012	1.20	UG/L		100
64) 2-HEXANONE		7.131	43	1599	0.26	UG/L	#	20
74) M/P-XYLENES		8.383	91	30053	1.09	UG/L		99
75) 0-XYLENE		8.717	91	9459	0.35	UG/L		96
86) 1,3,5-TRIMETHYLBENZENE		9.752	105	7108	0.25	UG/L		95
90) 1,2,4-TRIMETHYLBENZENE		10.087	105	14355	0.47	UG/L		100

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

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078021.D
Acq On : 19 Mar 2013 7:31 pm
Operator :
Sample : 13C0408-07 Inst : GCMSVOA5
Misc : 1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 21 09:53:41 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

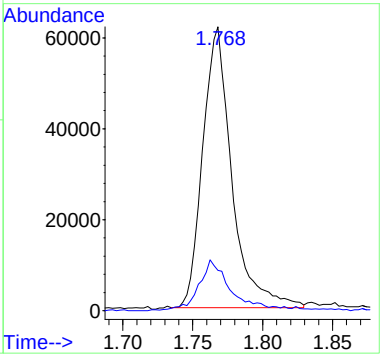


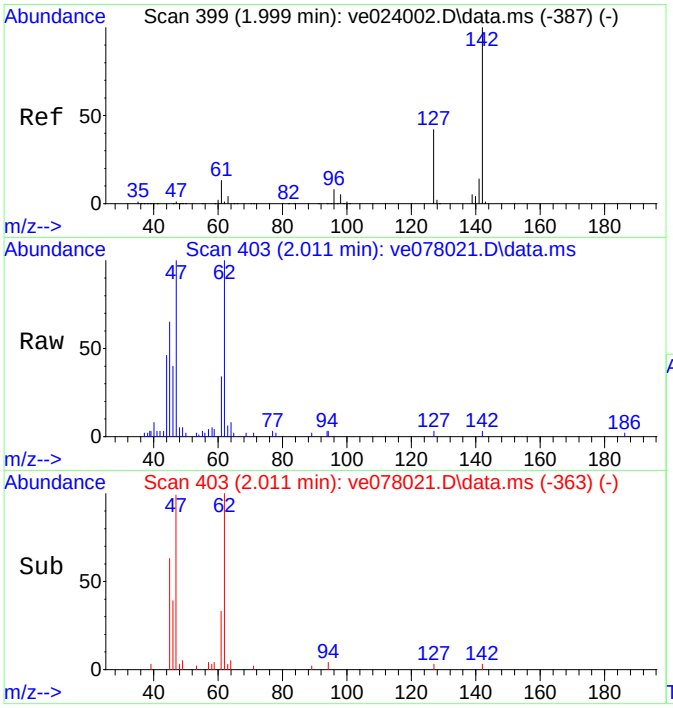


#14
ACETONE
Concen: 28.88 UG/L
RT: 1.768 min Scan# 316
Delta R.T. 0.006 min
Lab File: ve078021.D
Acq: 19 Mar 2013 7:31 pm

Tgt Ion: 43 Resp: 89488

Ion	Ratio	Lower	Upper
43	100		
58	19.9	28.2	42.4#

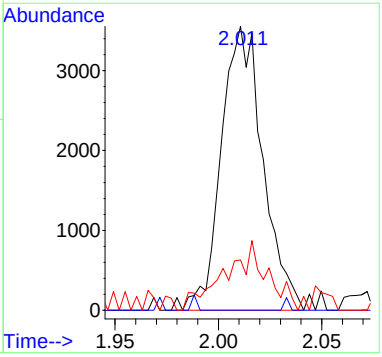


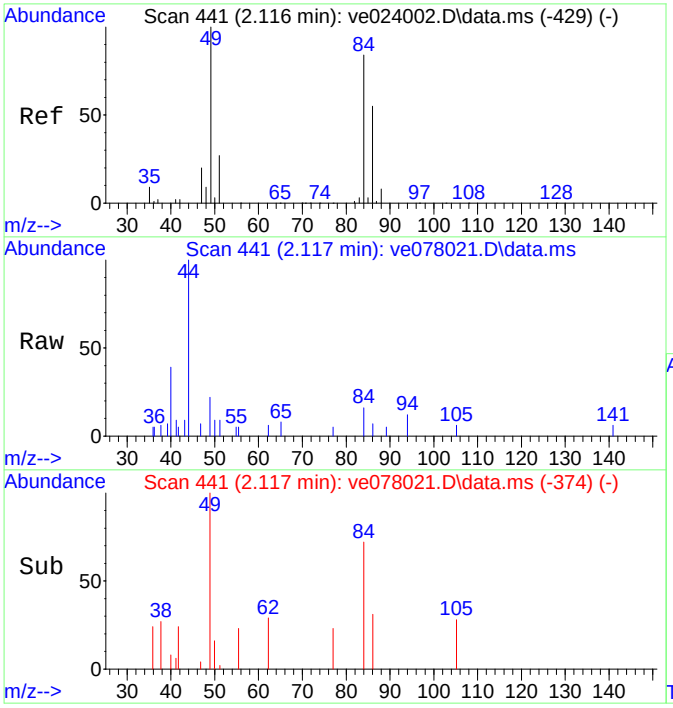


#15
1,1-DICHLOROETHENE
Concen: 0.38 UG/L
RT: 2.011 min Scan# 403
Delta R.T. 0.009 min
Lab File: ve078021.D
Acq: 19 Mar 2013 7:31 pm

Tgt Ion: 61 Resp: 4984

Ion	Ratio	Lower	Upper
61	100		
96	0.0	52.1	78.1#
63	13.9	26.3	39.5#

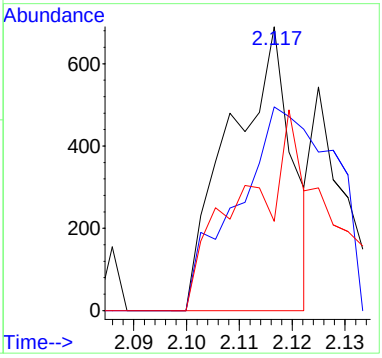


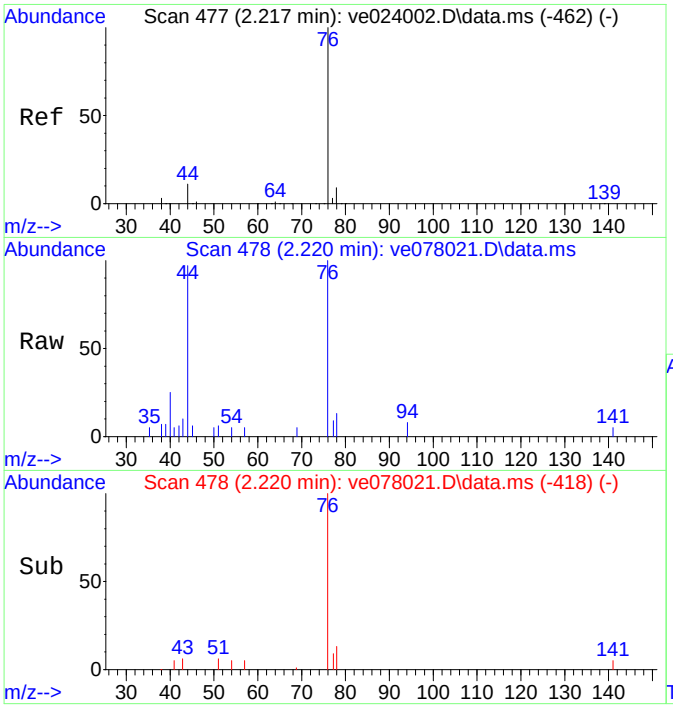


#22
METHYLENE CHLORIDE
Concen: Below Cal
RT: 2.117 min Scan# 441
Delta R.T. -0.002 min
Lab File: ve078021.D
Acq: 19 Mar 2013 7:31 pm

Tgt Ion: 49 Resp: 563

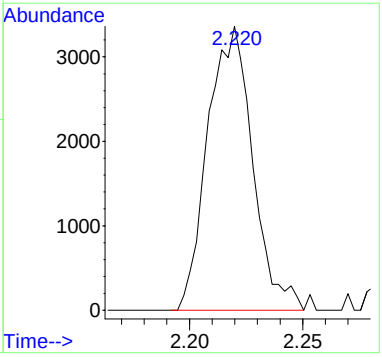
Ion	Ratio	Lower	Upper
49	100		
84	111.4	52.4	78.6#
86	92.0	32.2	48.2#

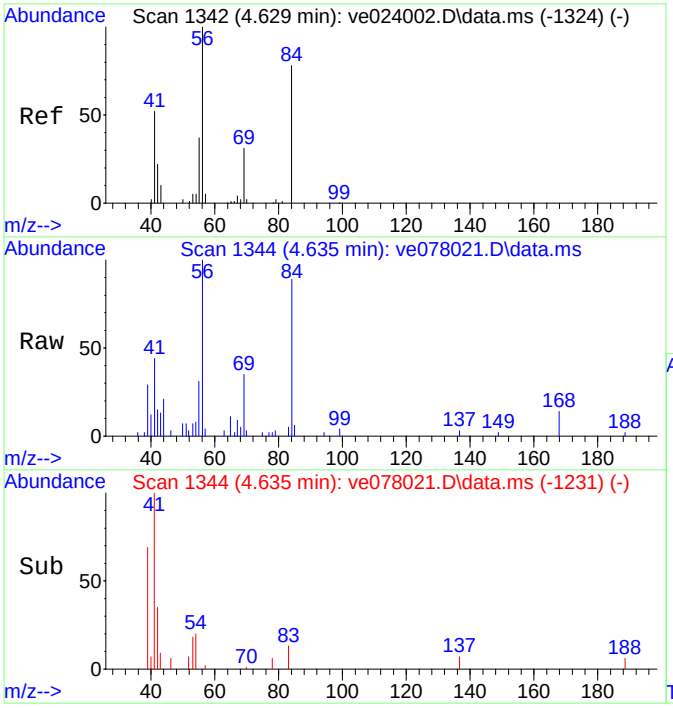




#23
CARBON DISULFIDE
Concen: Below Cal
RT: 2.220 min Scan# 478
Delta R.T. 0.003 min
Lab File: ve078021.D
Acq: 19 Mar 2013 7:31 pm

Tgt Ion: 76 Resp: 4652

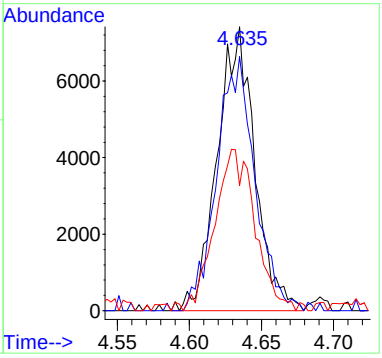


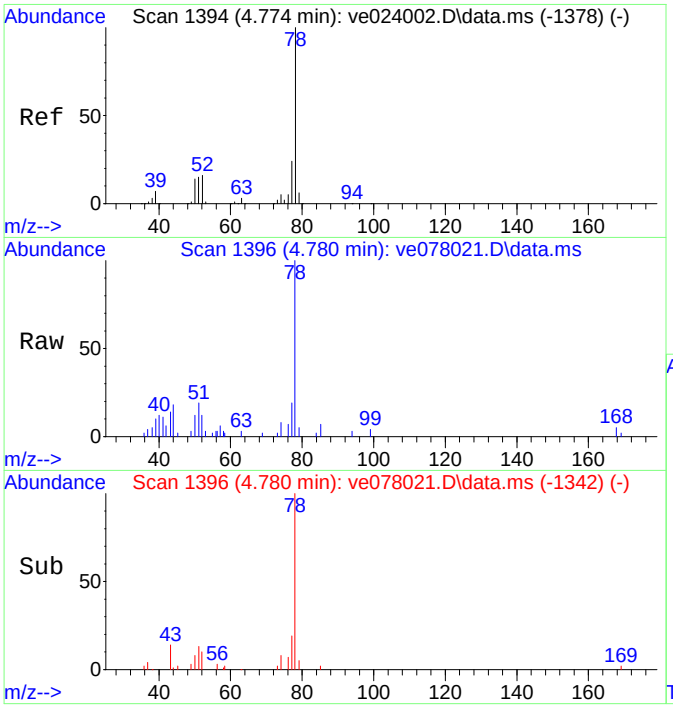


#42
CYCLOHEXANE
Concen: 0.94 UG/L
RT: 4.635 min Scan# 1344
Delta R.T. 0.003 min
Lab File: ve078021.D
Acq: 19 Mar 2013 7:31 pm

Tgt Ion: 56 Resp: 13420

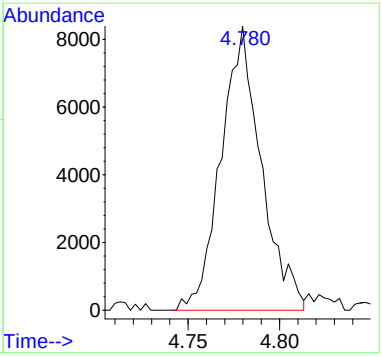
Ion	Ratio	Lower	Upper
56	100		
84	90.9	51.0	76.4#
41	61.1	39.0	58.6#

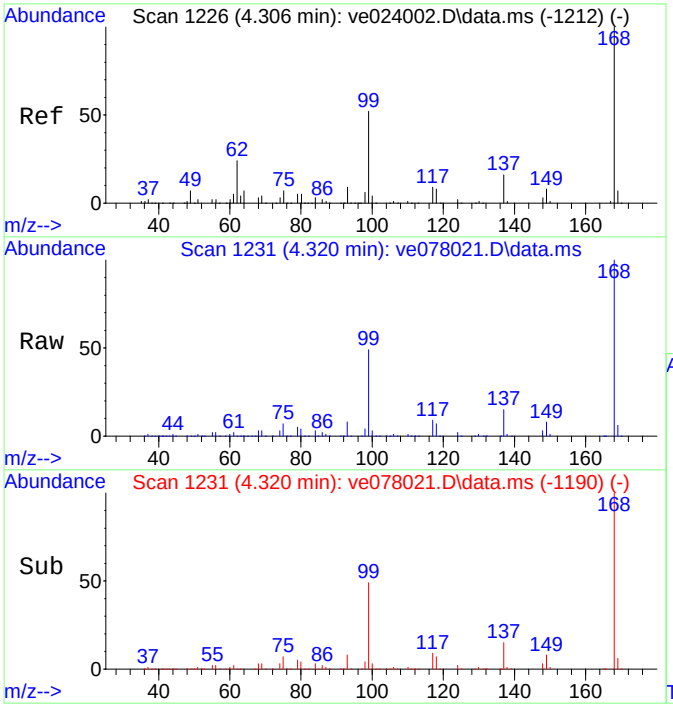




#45
BENZENE
Concen: 0.40 UG/L
RT: 4.780 min Scan# 1396
Delta R.T. 0.003 min
Lab File: ve078021.D
Acq: 19 Mar 2013 7:31 pm

Tgt Ion: 78 Resp: 12805

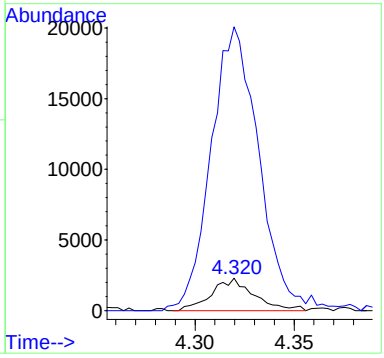


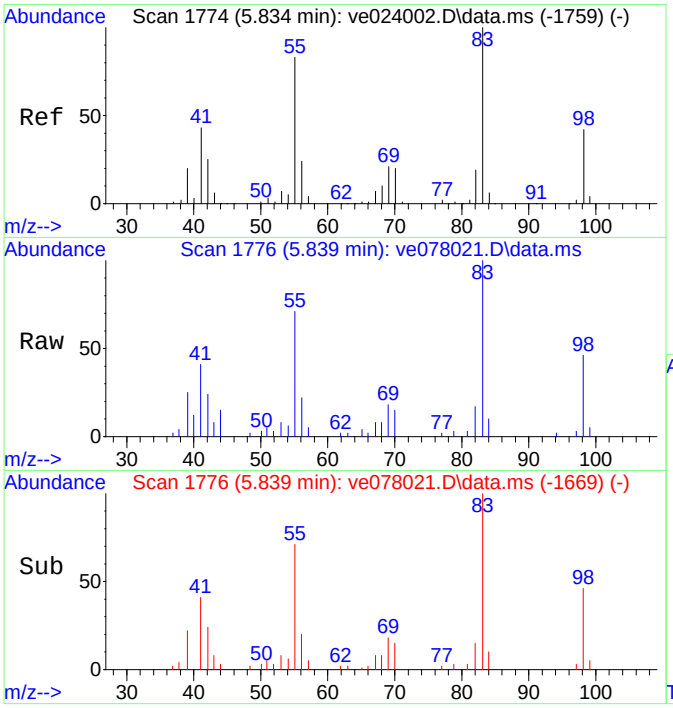


#49
1,2-DICHLOROETHANE
Concen: 0.31 UG/L
RT: 4.320 min Scan# 1231
Delta R.T. 0.011 min
Lab File: ve078021.D
Acq: 19 Mar 2013 7:31 pm

Tgt Ion: 62 Resp: 3433

Ion	Ratio	Lower	Upper
62	100		
98	984.6	22.7	34.1#

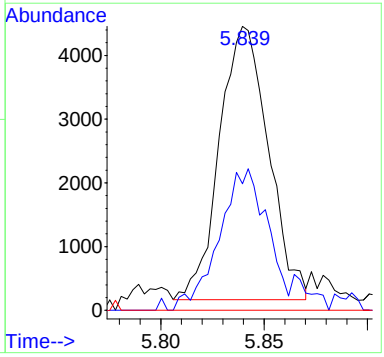


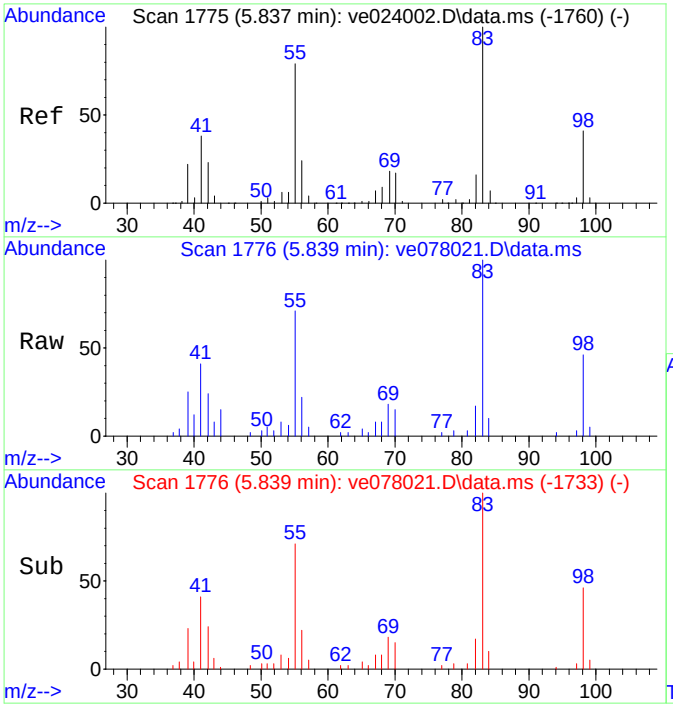


#50
METHYL METHACRYLATE
Concen: 0.66 UG/L
RT: 5.839 min Scan# 1776
Delta R.T. -0.003 min
Lab File: ve078021.D
Acq: 19 Mar 2013 7:31 pm

Tgt Ion: 41 Resp: 7084

Ion	Ratio	Lower	Upper
41	100		
69	50.6	50.4	75.6
100	0.0	21.6	32.4#

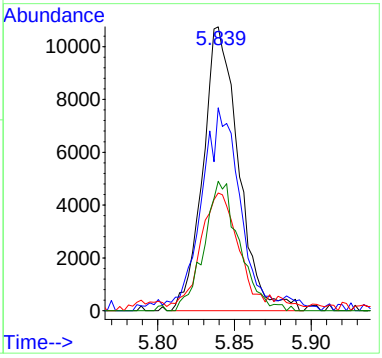


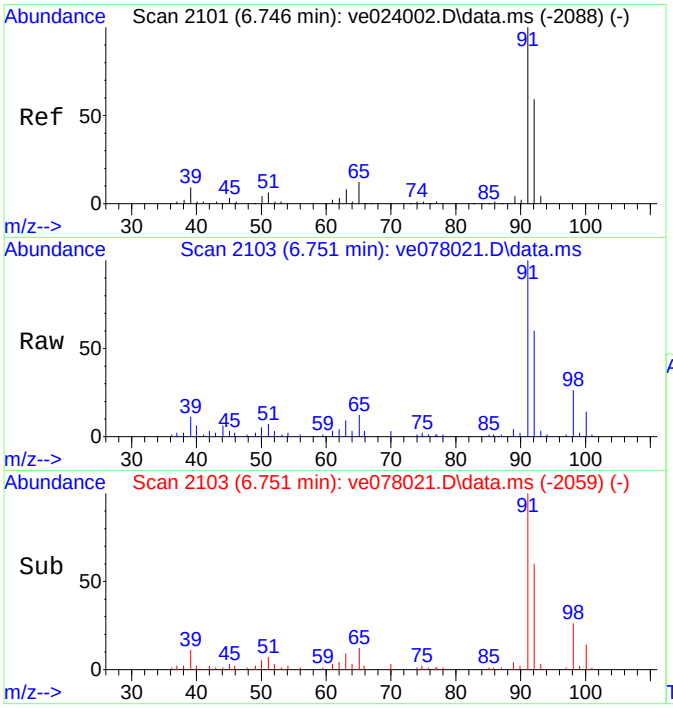


#52
METHYLCYCLOHEXANE
Concen: 1.37 UG/L
RT: 5.839 min Scan# 1776
Delta R.T. -0.003 min
Lab File: ve078021.D
Acq: 19 Mar 2013 7:31 pm

Tgt Ion: 83 Resp: 17329

Ion	Ratio	Lower	Upper
83	100		
55	73.6	78.9	118.3#
41	40.9	37.6	56.4
98	45.6	37.2	55.8

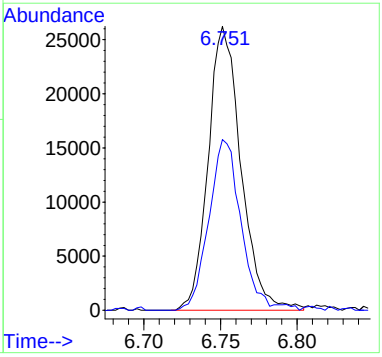


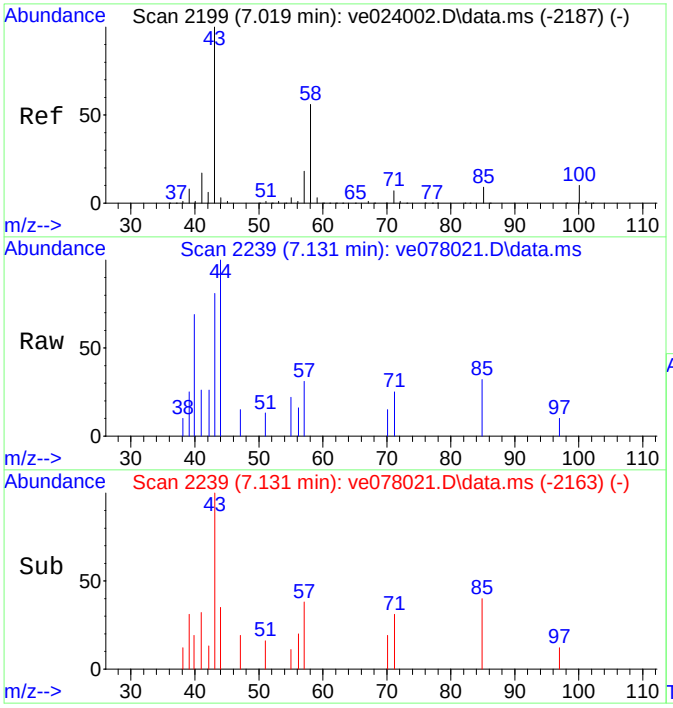


#60
TOLUENE
Concen: 1.20 UG/L
RT: 6.751 min Scan# 2103
Delta R.T. 0.000 min
Lab File: ve078021.D
Acq: 19 Mar 2013 7:31 pm

Tgt Ion: 91 Resp: 39012

Ion	Ratio	Lower	Upper
91	100		
92	58.0	46.6	70.0

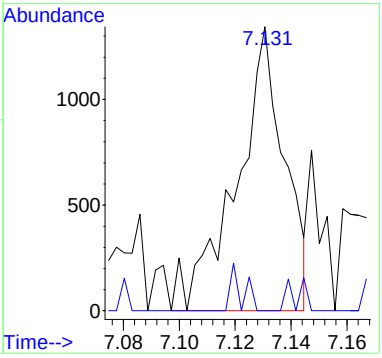


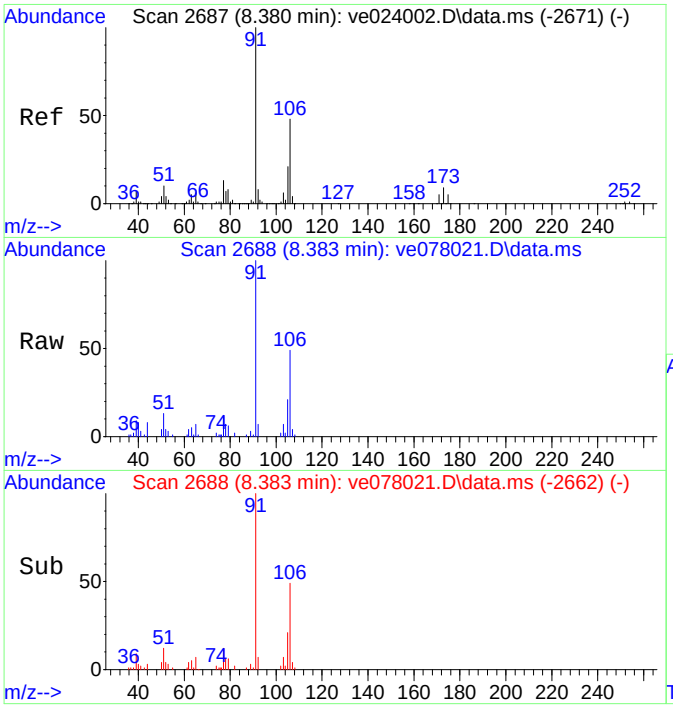


#64
2-HEXANONE
Concen: 0.26 UG/L
RT: 7.131 min Scan# 2239
Delta R.T. 0.109 min
Lab File: ve078021.D
Acq: 19 Mar 2013 7:31 pm

Tgt Ion: 43 Resp: 1599

Ion	Ratio	Lower	Upper
43	100		
58	0.0	48.5	72.7#

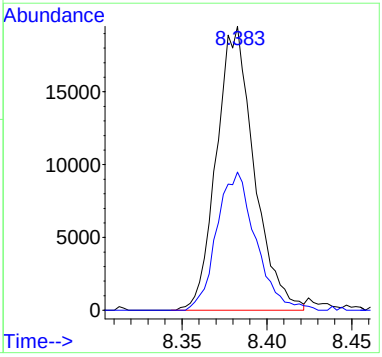


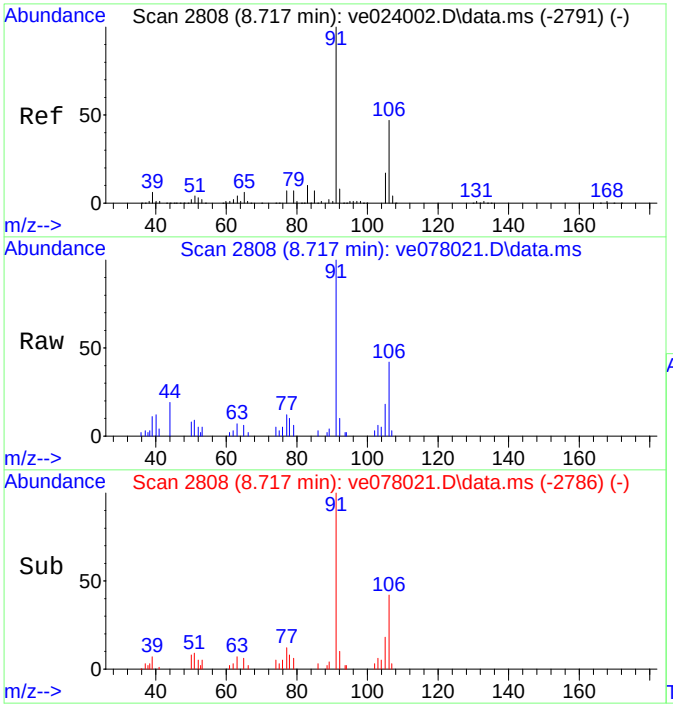


#74
M/P-XYLENES
Concen: 1.09 UG/L
RT: 8.383 min Scan# 2688
Delta R.T. -0.000 min
Lab File: ve078021.D
Acq: 19 Mar 2013 7:31 pm

Tgt Ion: 91 Resp: 30053

Ion	Ratio	Lower	Upper
91	100		
106	50.4	40.8	61.2

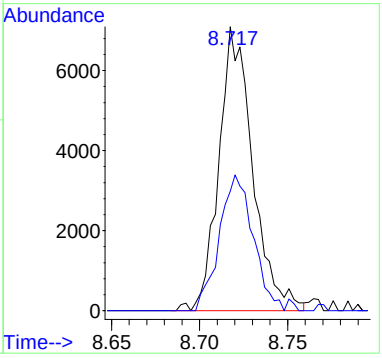


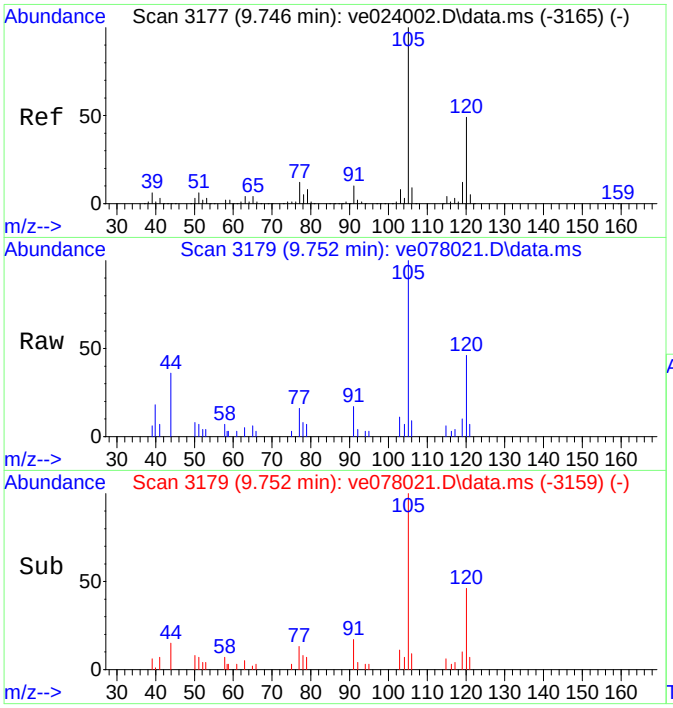


#75
0-XYLENE
Concen: 0.35 UG/L
RT: 8.717 min Scan# 2808
Delta R.T. -0.003 min
Lab File: ve078021.D
Acq: 19 Mar 2013 7:31 pm

Tgt Ion: 91 Resp: 9459

Ion	Ratio	Lower	Upper
91	100		
106	47.7	40.5	60.7

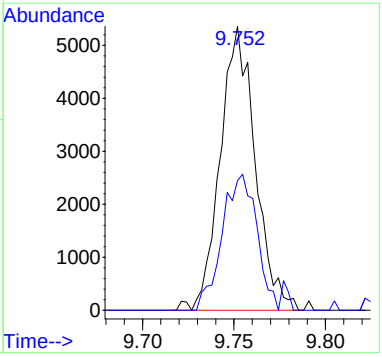


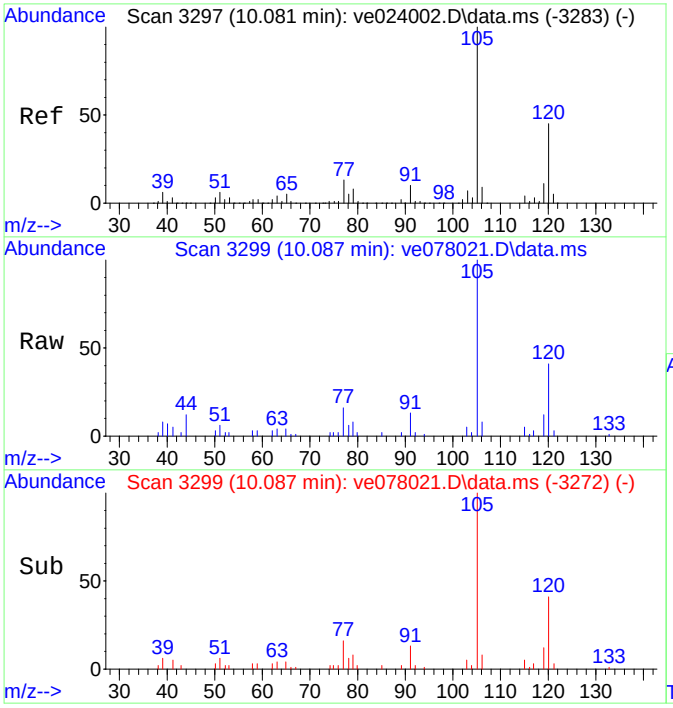


#86
1,3,5-TRIMETHYLBENZENE
Concen: 0.25 UG/L
RT: 9.752 min Scan# 3179
Delta R.T. -0.000 min
Lab File: ve078021.D
Acq: 19 Mar 2013 7:31 pm

Tgt Ion:105 Resp: 7108

Ion	Ratio	Lower	Upper
105	100		
120	47.3	40.9	61.3

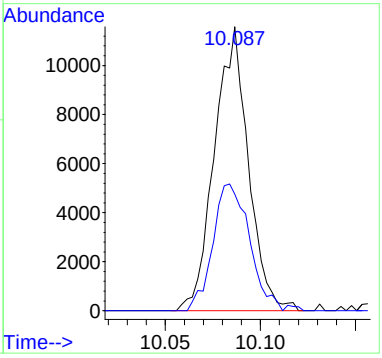




#90
1,2,4-TRIMETHYLBENZENE
Concen: 0.47 UG/L
RT: 10.087 min Scan# 3299
Delta R.T. -0.000 min
Lab File: ve078021.D
Acq: 19 Mar 2013 7:31 pm

Tgt Ion:105 Resp: 14355

Ion	Ratio	Lower	Upper
105	100		
120	48.0	38.5	57.7



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

B-53_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-08	File ID:	ve078022.D
Sampled:	03/13/13 09:00	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 19:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	V-05
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	5.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	2.0	
135-98-8	sec-Butylbenzene		0.050	2.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	V-05
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

B-53_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-08	File ID:	ve078022.D
Sampled:	03/13/13 09:00	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 19:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	V-05
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

B-53_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-08	File ID:	ve078022.D
Sampled:	03/13/13 09:00	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 19:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	V-05
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	V-05
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	2.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

B-53_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-08	File ID:	ve078022.D
Sampled:	03/13/13 09:00	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 19:58
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078022.D
Acq On : 19 Mar 2013 7:58 pm
Operator :
Sample : 13C0408-08 Inst : GCMSVOA5
Misc : 1
ALS Vial : 22 Sample Multiplier: 1

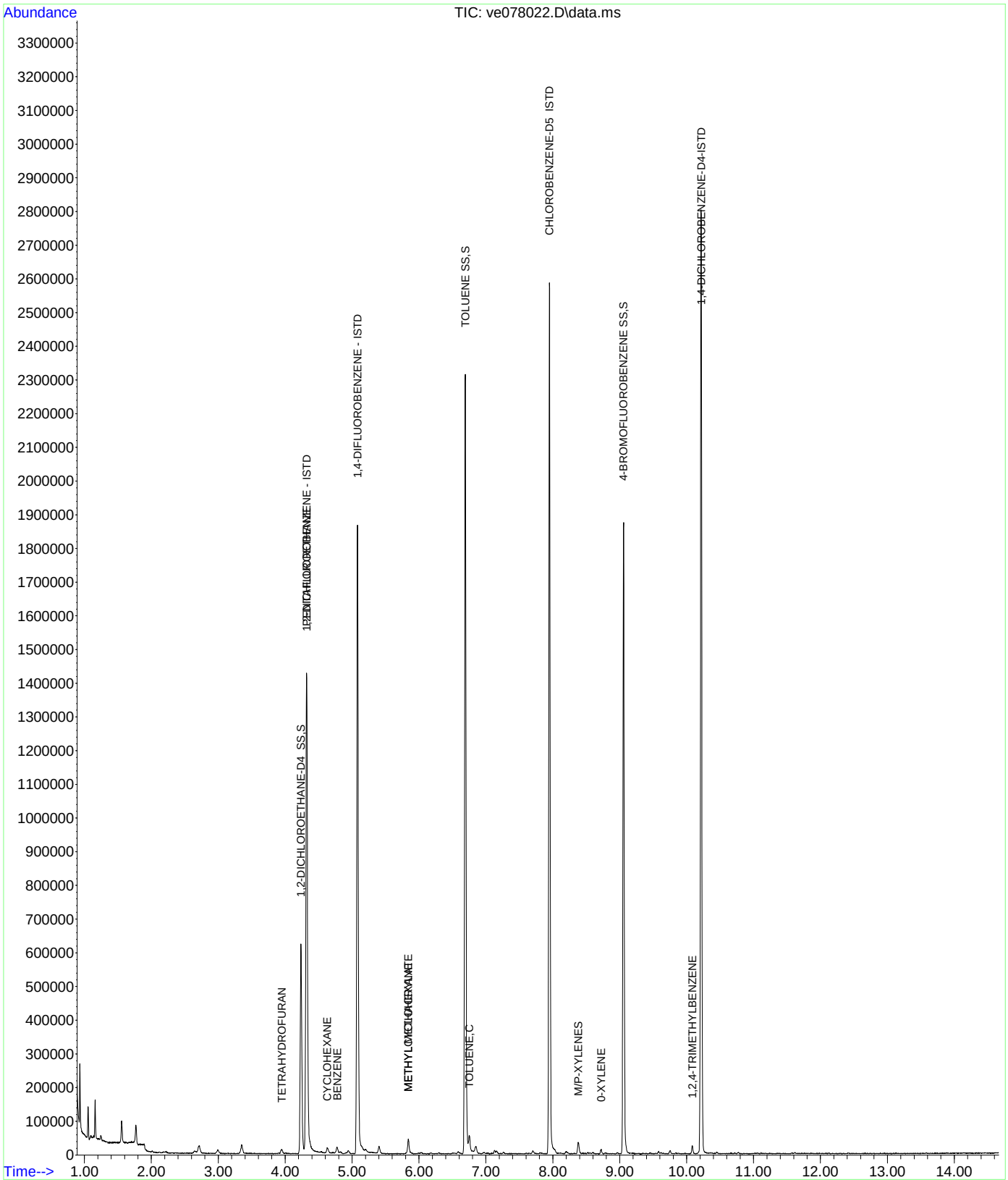
Quant Time: Mar 21 09:54:08 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

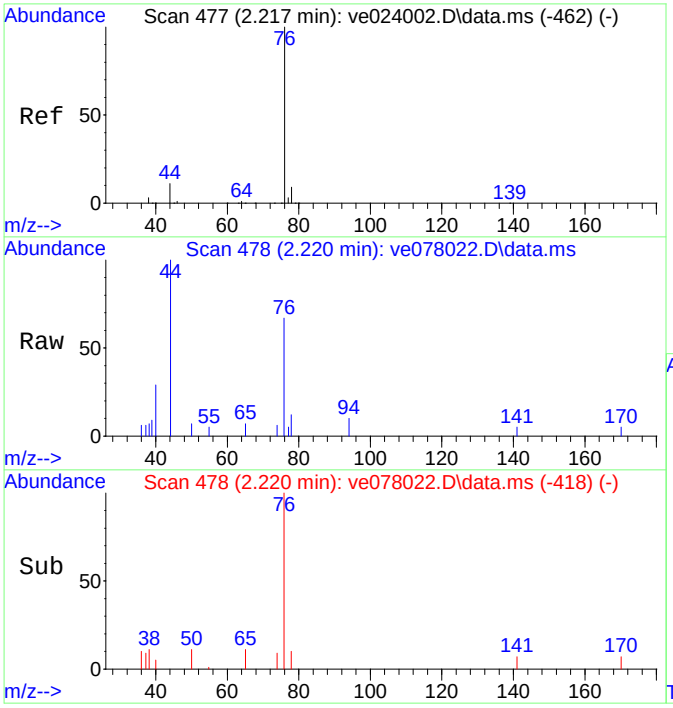
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.320	168	918758	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.081	114	1299317	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	609275	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.218	152	626196	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	377200	22.83	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.32%			
48) TOLUENE SS	6.693	98	1245498	24.32	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.28%			
70) 4-BROMOFLUOROBENZENE SS	9.055	95	475482	26.23	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.92%			
Target Compounds						Qvalue
23) CARBON DISULFIDE	2.220	76	2849	Below Cal		100
38) TETRAHYDROFURAN	3.949	42	911	0.33	UG/L #	38
42) CYCLOHEXANE	4.629	56	6134	0.41	UG/L #	72
45) BENZENE	4.777	78	8799	0.26	UG/L	100
49) 1,2-DICHLOROETHANE	4.322	62	3822	0.33	UG/L #	1
50) METHYL METHACRYLATE	5.839	41	5426	0.34	UG/L #	82
52) METHYLCYCLOHEXANE	5.839	83	14226	1.08	UG/L #	84
60) TOLUENE	6.751	91	22734	0.67	UG/L	99
74) M/P-XYLENES	8.383	91	18006	0.65	UG/L	100
75) 0-XYLENE	8.723	91	5981	0.22	UG/L	96
90) 1,2,4-TRIMETHYLBENZENE	10.084	105	10420	0.33	UG/L	96

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

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078022.D
Acq On : 19 Mar 2013 7:58 pm
Operator :
Sample : 13C0408-08 Inst : GCMSVOA5
Misc : 1
ALS Vial : 22 Sample Multiplier: 1

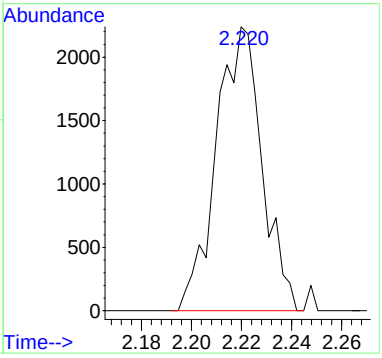
Quant Time: Mar 21 09:54:08 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

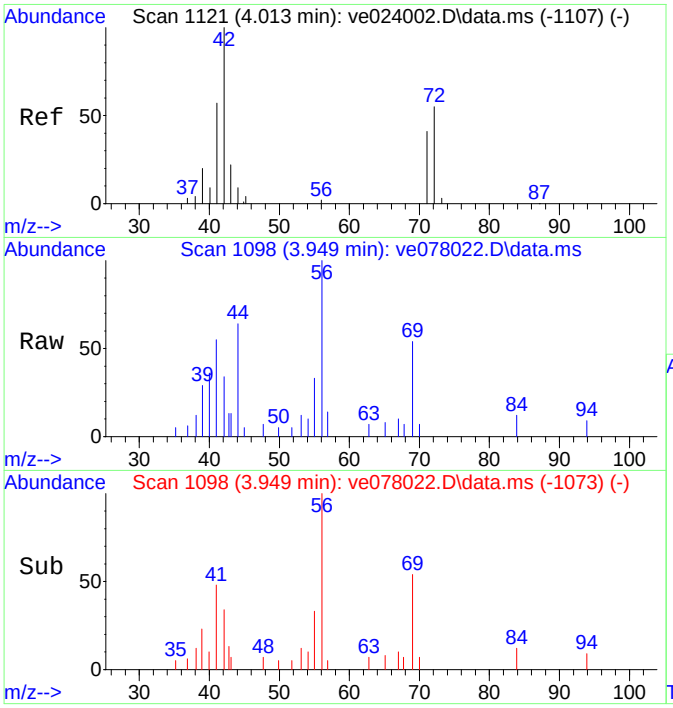




#23
CARBON DISULFIDE
Concen: Below Cal
RT: 2.220 min Scan# 478
Delta R.T. 0.003 min
Lab File: ve078022.D
Acq: 19 Mar 2013 7:58 pm

Tgt Ion: 76 Resp: 2849

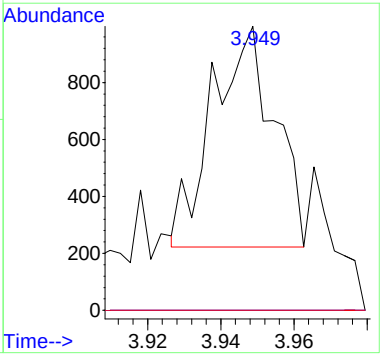


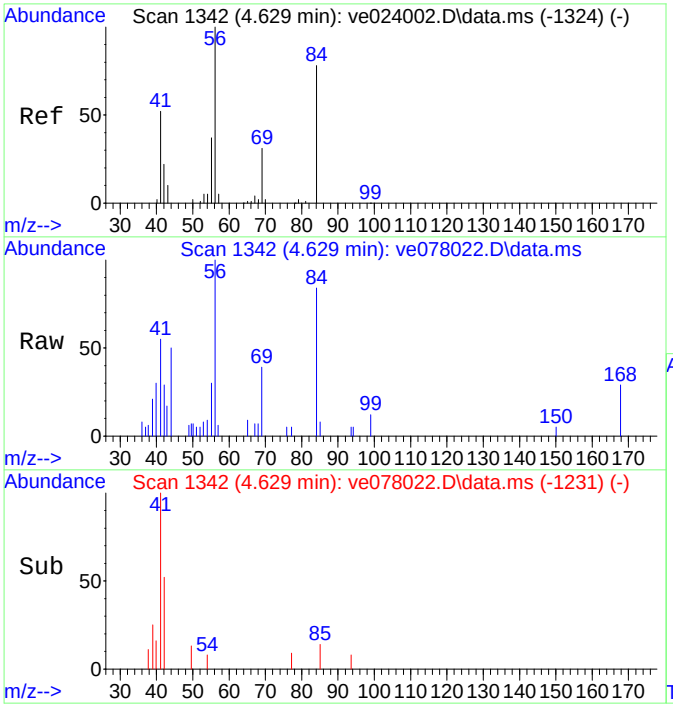


#38
TETRAHYDROFURAN
Concen: 0.33 UG/L
RT: 3.949 min Scan# 1098
Delta R.T. -0.064 min
Lab File: ve078022.D
Acq: 19 Mar 2013 7:58 pm

Tgt Ion: 42 Resp: 911

Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.6	44.4#
71	0.0	28.6	43.0#

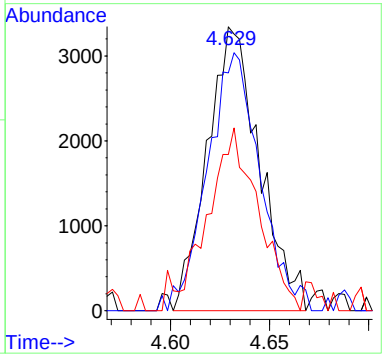


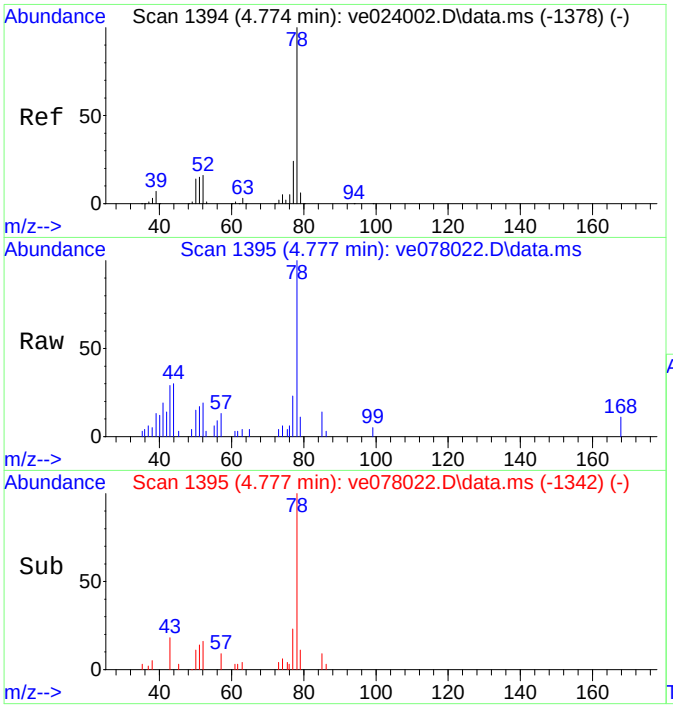


#42
CYCLOHEXANE
Concen: 0.41 UG/L
RT: 4.629 min Scan# 1342
Delta R.T. -0.003 min
Lab File: ve078022.D
Acq: 19 Mar 2013 7:58 pm

Tgt Ion: 56 Resp: 6134

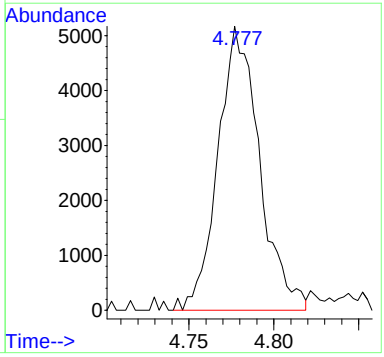
Ion	Ratio	Lower	Upper
56	100		
84	91.6	51.0	76.4#
41	60.6	39.0	58.6#

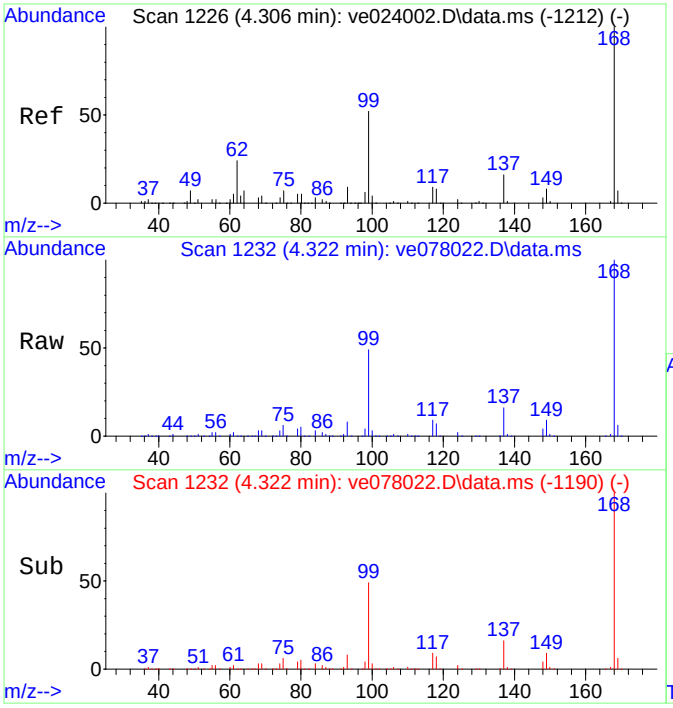




#45
BENZENE
Concen: 0.26 UG/L
RT: 4.777 min Scan# 1395
Delta R.T. -0.000 min
Lab File: ve078022.D
Acq: 19 Mar 2013 7:58 pm

Tgt Ion: 78 Resp: 8799

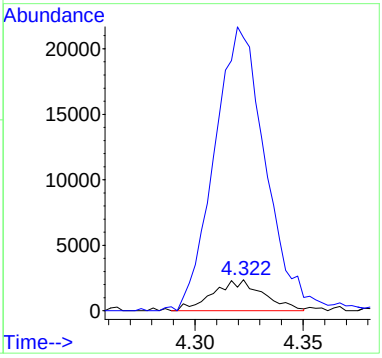


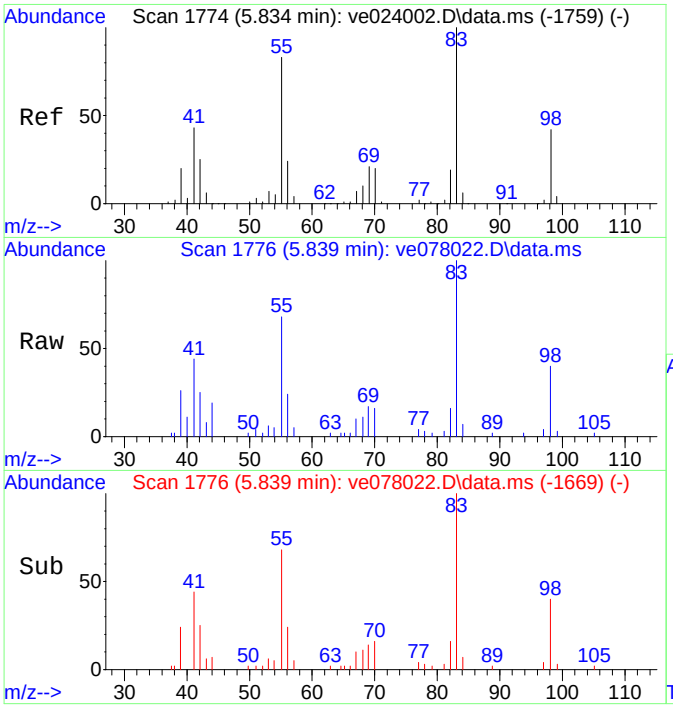


#49
1,2-DICHLOROETHANE
Concen: 0.33 UG/L
RT: 4.322 min Scan# 1232
Delta R.T. 0.013 min
Lab File: ve078022.D
Acq: 19 Mar 2013 7:58 pm

Tgt Ion: 62 Resp: 3822

Ion	Ratio	Lower	Upper
62	100		
98	936.5	22.7	34.1#

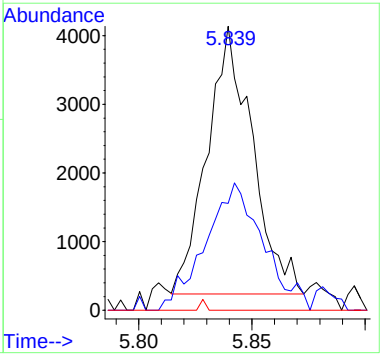


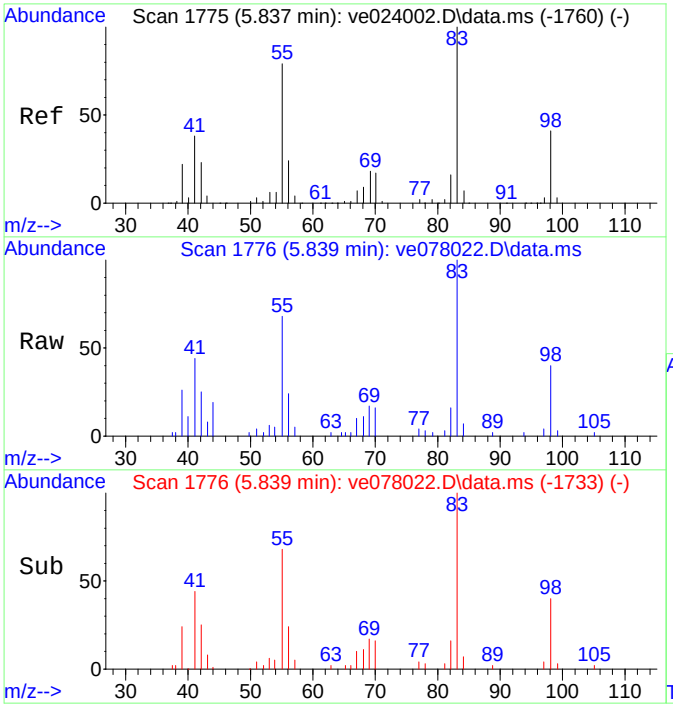


#50
METHYL METHACRYLATE
Concen: 0.34 UG/L
RT: 5.839 min Scan# 1776
Delta R.T. -0.003 min
Lab File: ve078022.D
Acq: 19 Mar 2013 7:58 pm

Tgt Ion: 41 Resp: 5426

Ion	Ratio	Lower	Upper
41	100		
69	60.6	50.4	75.6
100	0.0	21.6	32.4#

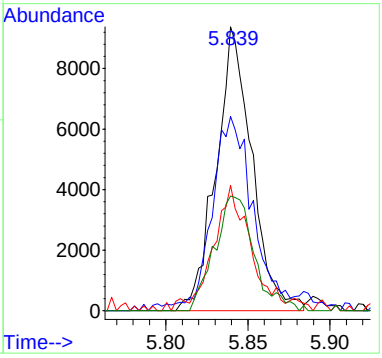


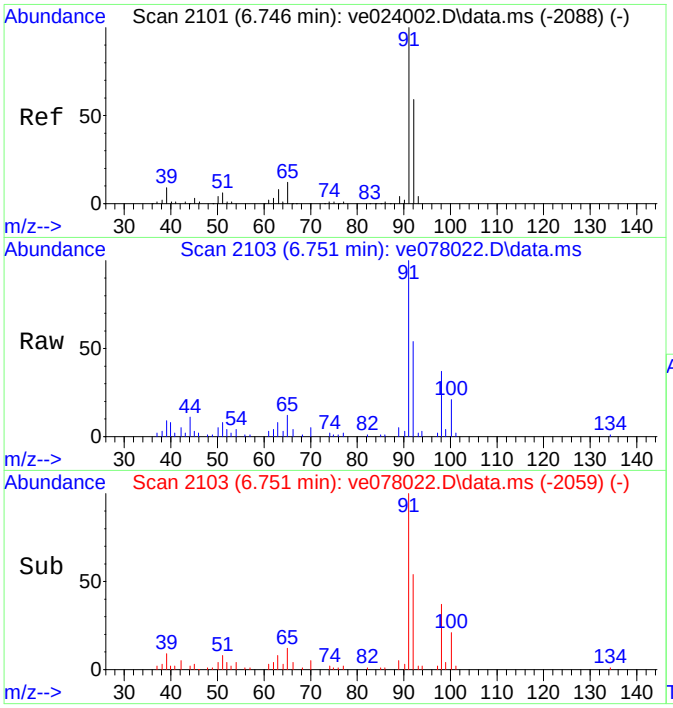


#52
METHYLCYCLOHEXANE
Concen: 1.08 UG/L
RT: 5.839 min Scan# 1776
Delta R.T. -0.003 min
Lab File: ve078022.D
Acq: 19 Mar 2013 7:58 pm

Tgt Ion: 83 Resp: 14226

Ion	Ratio	Lower	Upper
83	100		
55	74.2	78.9	118.3#
41	38.1	37.6	56.4
98	45.0	37.2	55.8

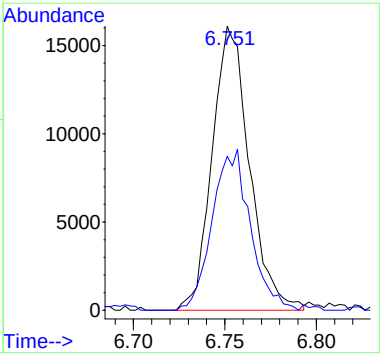


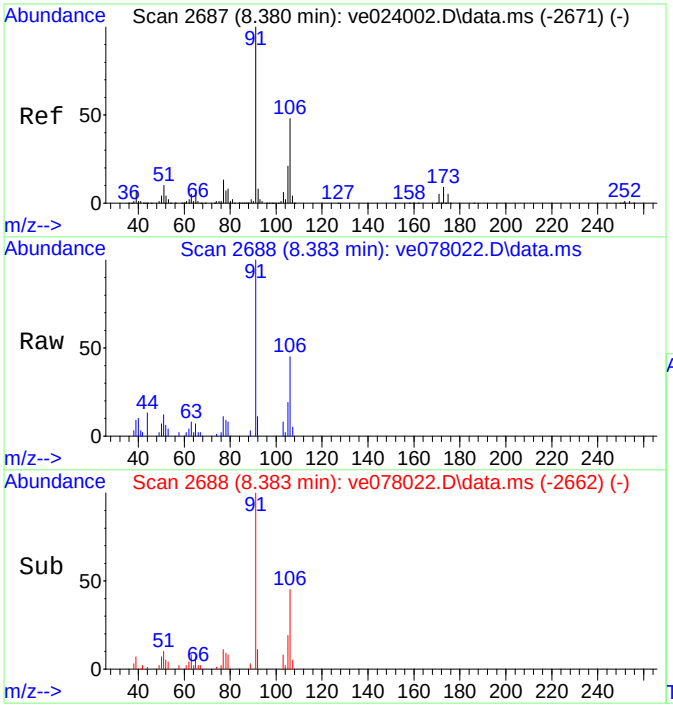


#60
TOLUENE
Concen: 0.67 UG/L
RT: 6.751 min Scan# 2103
Delta R.T. 0.000 min
Lab File: ve078022.D
Acq: 19 Mar 2013 7:58 pm

Tgt Ion: 91 Resp: 22734

Ion	Ratio	Lower	Upper
91	100		
92	57.6	46.6	70.0

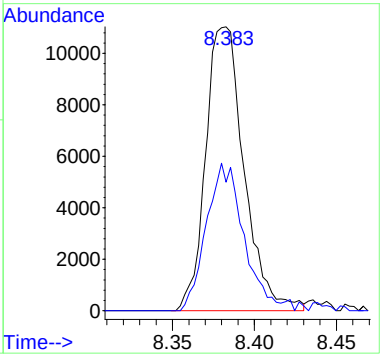


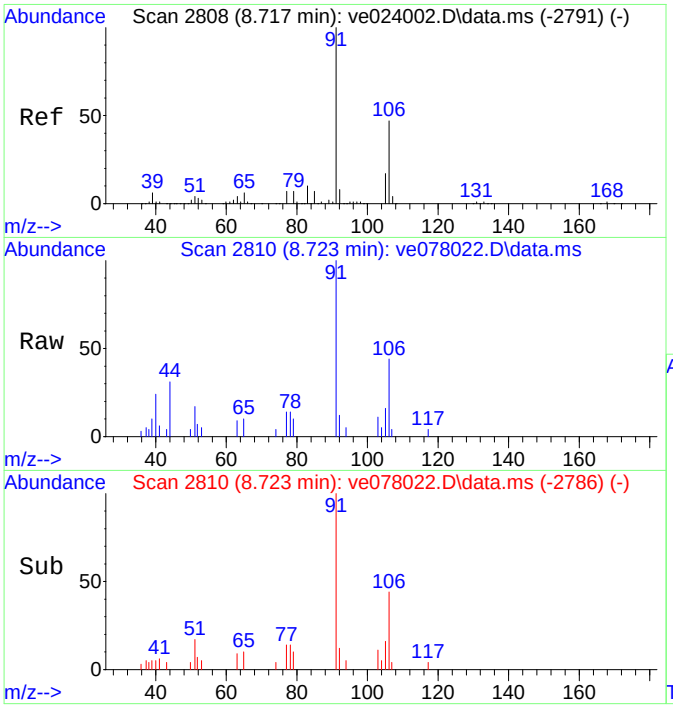


#74
M/P-XYLENES
Concen: 0.65 UG/L
RT: 8.383 min Scan# 2688
Delta R.T. -0.000 min
Lab File: ve078022.D
Acq: 19 Mar 2013 7:58 pm

Tgt Ion: 91 Resp: 18006

Ion	Ratio	Lower	Upper
91	100		
106	50.8	40.8	61.2

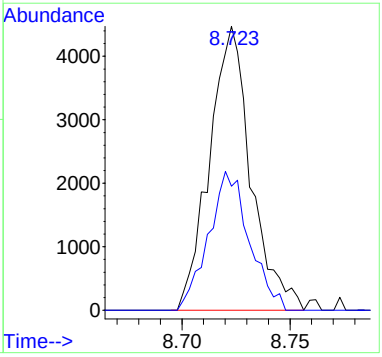


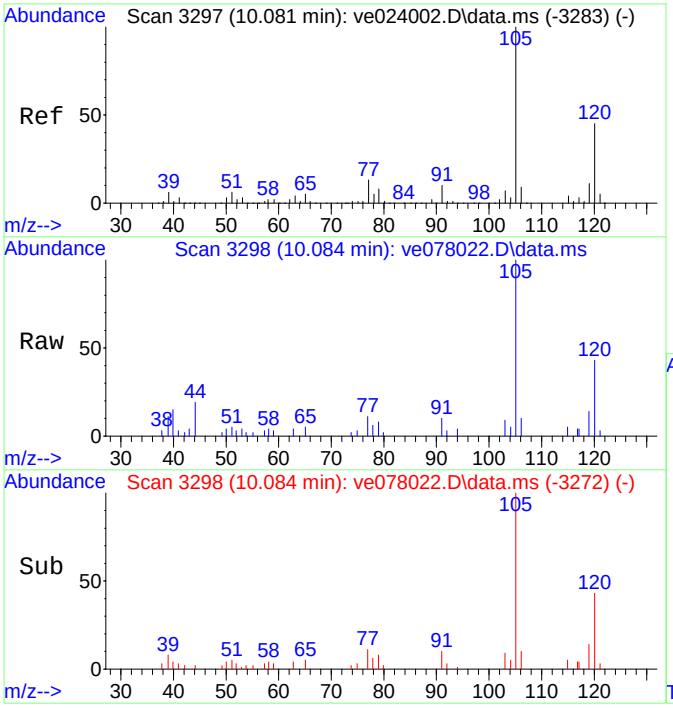


#75
0-XYLENE
Concen: 0.22 UG/L
RT: 8.723 min Scan# 2810
Delta R.T. 0.003 min
Lab File: ve078022.D
Acq: 19 Mar 2013 7:58 pm

Tgt Ion: 91 Resp: 5981

Ion	Ratio	Lower	Upper
91	100		
106	47.8	40.5	60.7

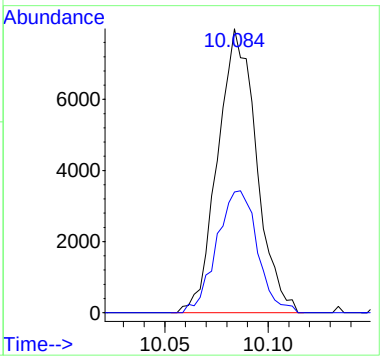




#90
1,2,4-TRIMETHYLBENZENE
Concen: 0.33 UG/L
RT: 10.084 min Scan# 3298
Delta R.T. -0.003 min
Lab File: ve078022.D
Acq: 19 Mar 2013 7:58 pm

Tgt Ion:105 Resp: 10420

Ion	Ratio	Lower	Upper
105	100		
120	45.1	38.5	57.7



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1 - FORM I
ANALYSIS DATA SHEET

B-44_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-09	File ID:	ve078023.D
Sampled:	03/13/13 08:30	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 20:24
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	MS-07A, V-05
107-13-1	Acrylonitrile		0.51	5.0	MS-07A
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	5.0	
78-93-3	2-Butanone (MEK)		0.41	20	MS-07A
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	MS-07A, V-16
104-51-8	n-Butylbenzene		0.050	2.0	
135-98-8	sec-Butylbenzene		0.050	2.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	V-05
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	MS-07A

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1 - FORM I
ANALYSIS DATA SHEET

B-44_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-09	File ID:	ve078023.D
Sampled:	03/13/13 08:30	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 20:24
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	MS-07A, V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	MS-07A, V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	MS-07A, V-05
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

B-44_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-09	File ID:	ve078023.D
Sampled:	03/13/13 08:30	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 20:24
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	MS-07A, V-05
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	MS-07A, V-05
91-20-3	Naphthalene		0.21	2.0	MS-07A
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	MS-07A
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	MS-07A
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	2.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

B-44_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-09	File ID:	ve078023.D
Sampled:	03/13/13 08:30	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 20:24
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078023.D
Acq On : 19 Mar 2013 8:24 pm
Operator :
Sample : 13C0408-09 Inst : GCMSVOA5
Misc : 1
ALS Vial : 23 Sample Multiplier: 1

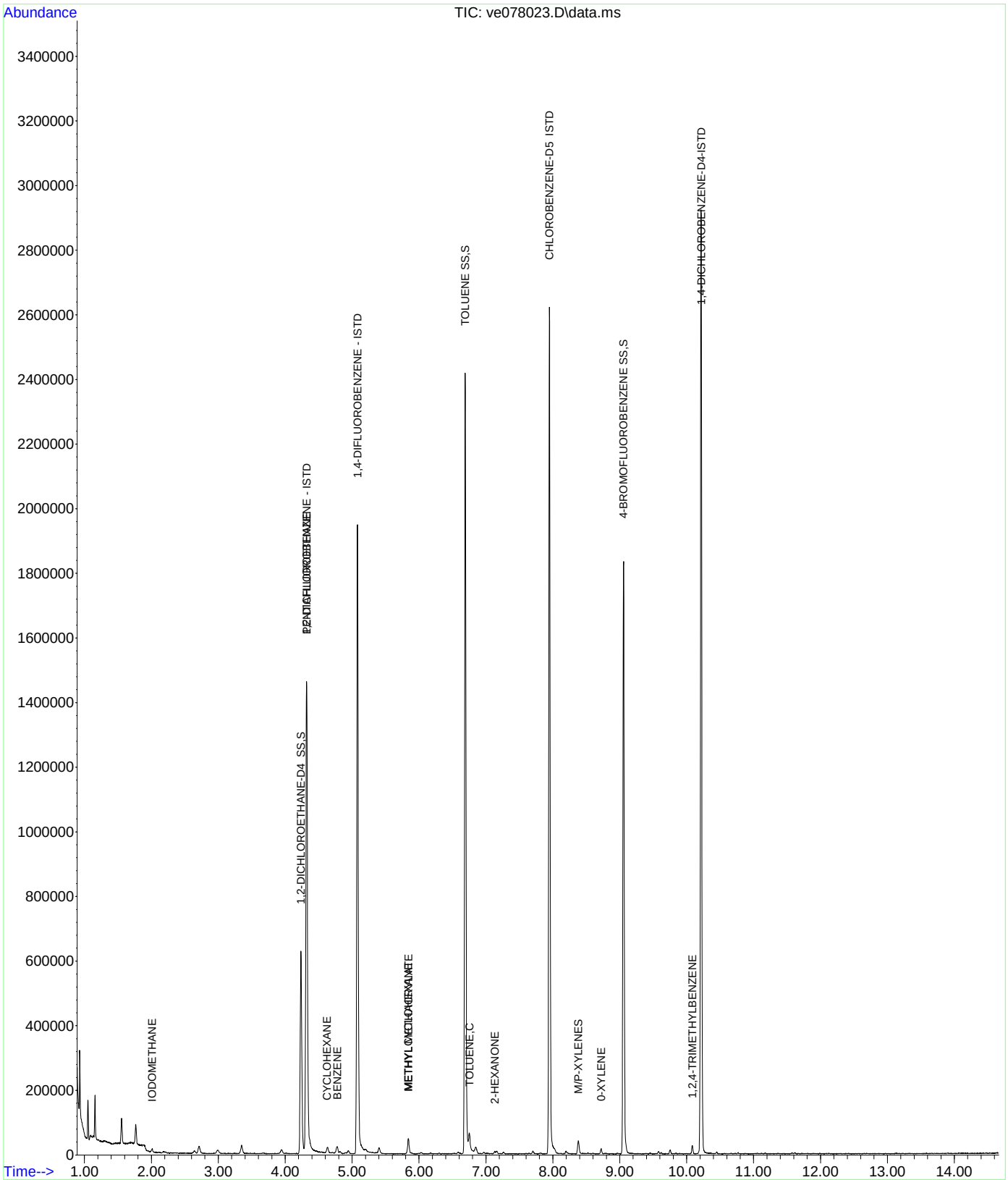
Quant Time: Mar 21 09:54:28 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

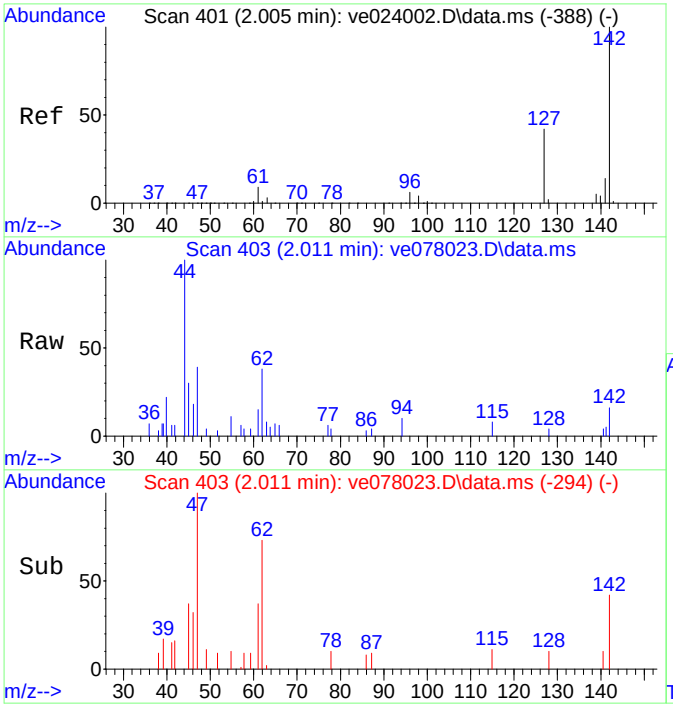
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.320	168	944691	30.00	UG/L		0.00
47) 1,4-DIFLUOROBENZENE - ...	5.081	114	1348522	30.00	UG/L		0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	634777	30.00	UG/L		0.00
88) 1,4-DICHLOROBENZENE-D4...	10.218	152	648275	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	383841	22.60	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.40%				
48) TOLUENE SS	6.690	98	1285300	24.18	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.72%				
70) 4-BROMOFLUOROBENZENE SS	9.055	95	492401	26.07	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.28%				
Target Compounds							Qvalue
17) IODOMETHANE	2.011	142	665	1.88	UG/L	#	34
22) METHYLENE CHLORIDE	2.114	49	675	Below Cal		#	24
23) CARBON DISULFIDE	2.217	76	2142	Below Cal			100
42) CYCLOHEXANE	4.626	56	6911	0.45	UG/L	#	68
45) BENZENE	4.777	78	11538	0.34	UG/L		100
49) 1,2-DICHLOROETHANE	4.320	62	3815	0.32	UG/L	#	1
50) METHYL METHACRYLATE	5.842	41	6281	0.44	UG/L	#	78
52) METHYLCYCLOHEXANE	5.839	83	16477	1.20	UG/L	#	79
60) TOLUENE	6.754	91	29054	0.82	UG/L		100
64) 2-HEXANONE	7.131	43	2311	0.34	UG/L	#	20
74) M/P-XYLENES	8.380	91	22358	0.77	UG/L		96
75) 0-XYLENE	8.723	91	7482	0.27	UG/L		97
90) 1,2,4-TRIMETHYLBENZENE	10.084	105	11529	0.36	UG/L		98

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

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078023.D
Acq On : 19 Mar 2013 8:24 pm
Operator :
Sample : 13C0408-09 Inst : GCMSVOA5
Misc : 1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 21 09:54:28 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

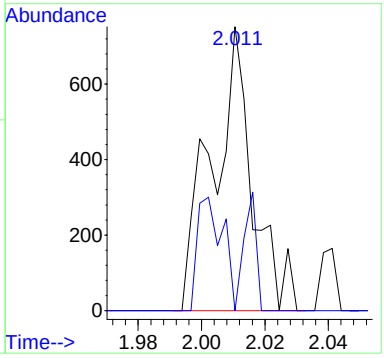


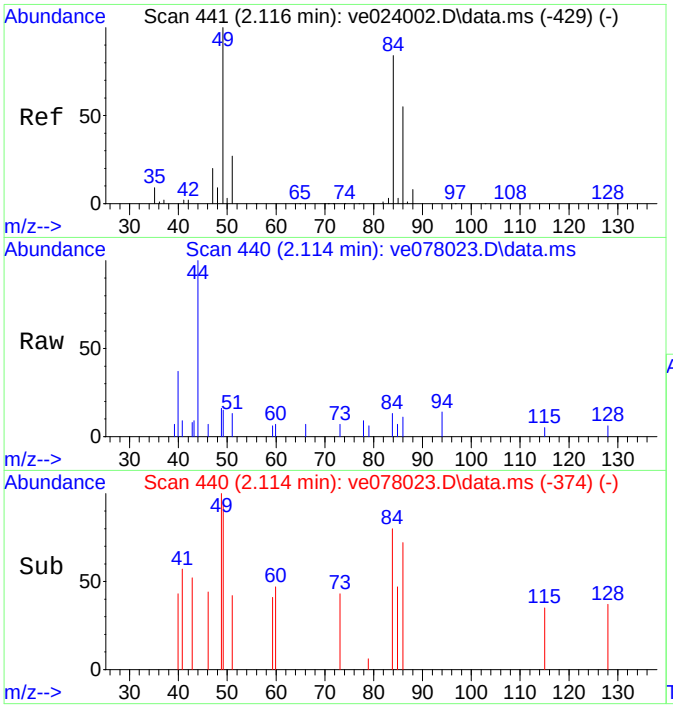


#17
IODOMETHANE
Concen: 1.88 UG/L
RT: 2.011 min Scan# 403
Delta R.T. 0.003 min
Lab File: ve078023.D
Acq: 19 Mar 2013 8:24 pm

Tgt Ion:142 Resp: 665

Ion	Ratio	Lower	Upper
142	100		
127	0.0	32.9	49.3#

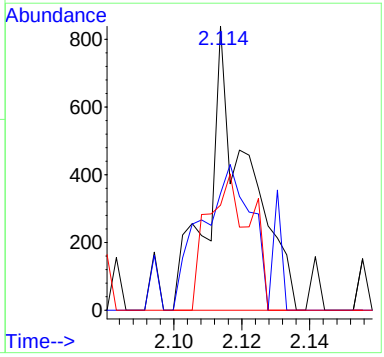


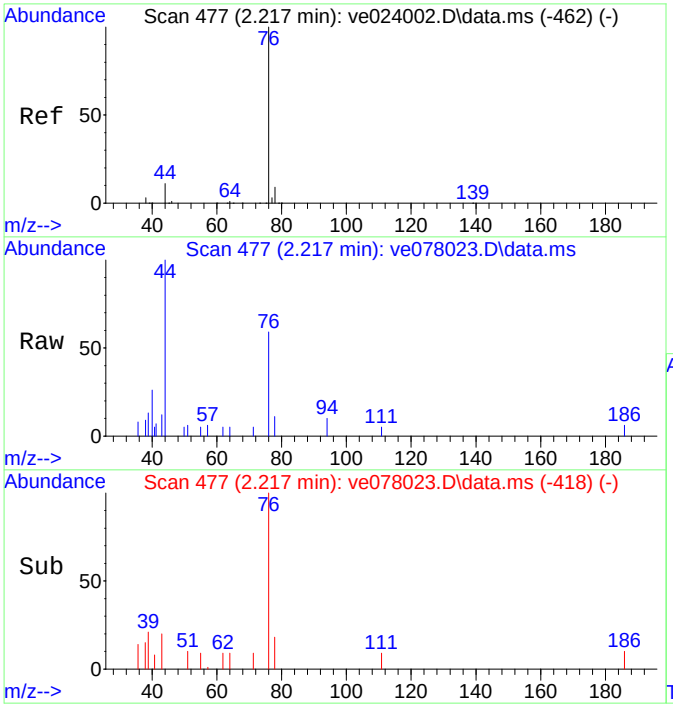


#22
METHYLENE CHLORIDE
Concen: Below Cal
RT: 2.114 min Scan# 440
Delta R.T. -0.005 min
Lab File: ve078023.D
Acq: 19 Mar 2013 8:24 pm

Tgt Ion: 49 Resp: 675

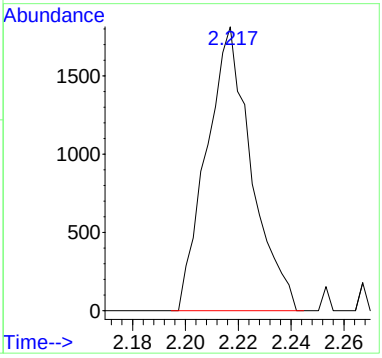
Ion	Ratio	Lower	Upper
49	100		
84	0.0	52.4	78.6#
86	0.0	32.2	48.2#

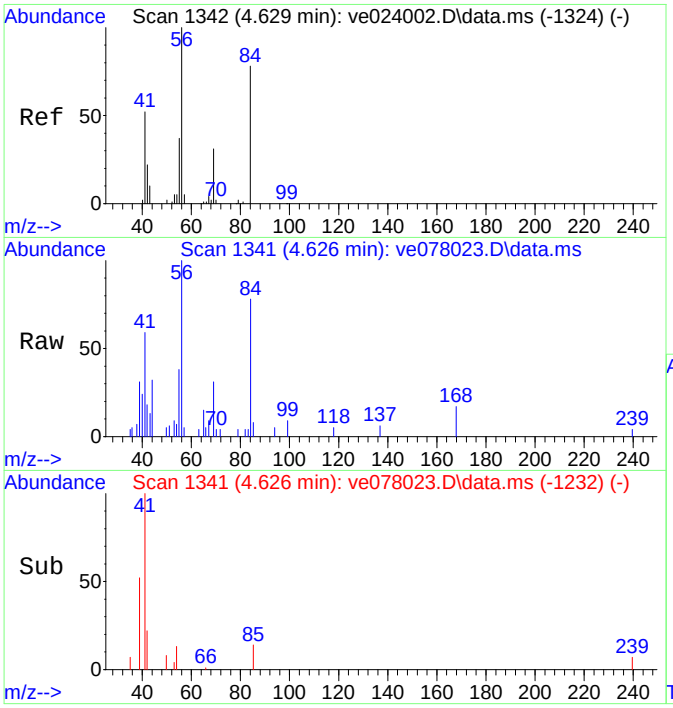




#23
CARBON DISULFIDE
Concen: Below Cal
RT: 2.217 min Scan# 477
Delta R.T. -0.000 min
Lab File: ve078023.D
Acq: 19 Mar 2013 8:24 pm

Tgt Ion: 76 Resp: 2142

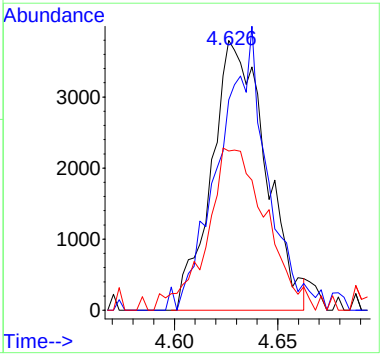


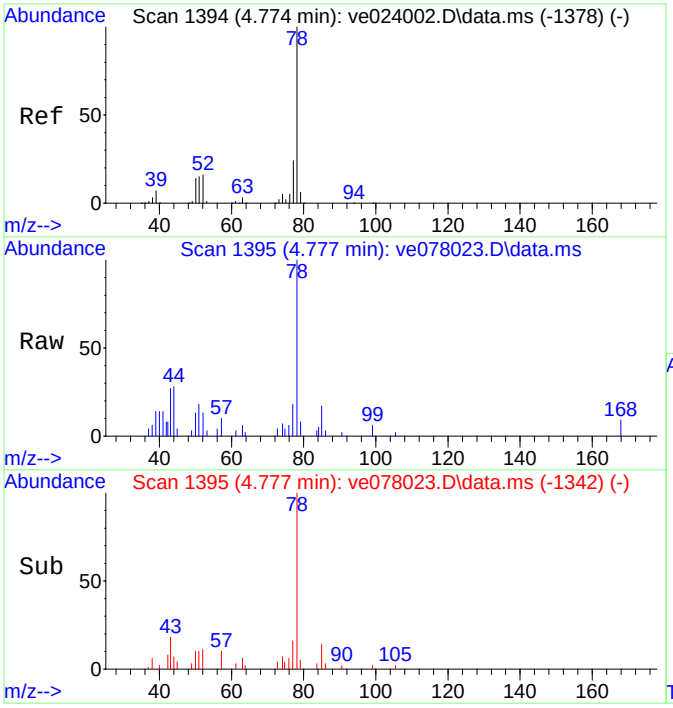


#42
CYCLOHEXANE
Concen: 0.45 UG/L
RT: 4.626 min Scan# 1341
Delta R.T. -0.006 min
Lab File: ve078023.D
Acq: 19 Mar 2013 8:24 pm

Tgt Ion: 56 Resp: 6911

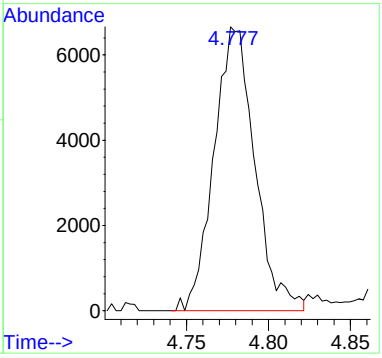
Ion	Ratio	Lower	Upper
56	100		
84	92.9	51.0	76.4#
41	65.3	39.0	58.6#

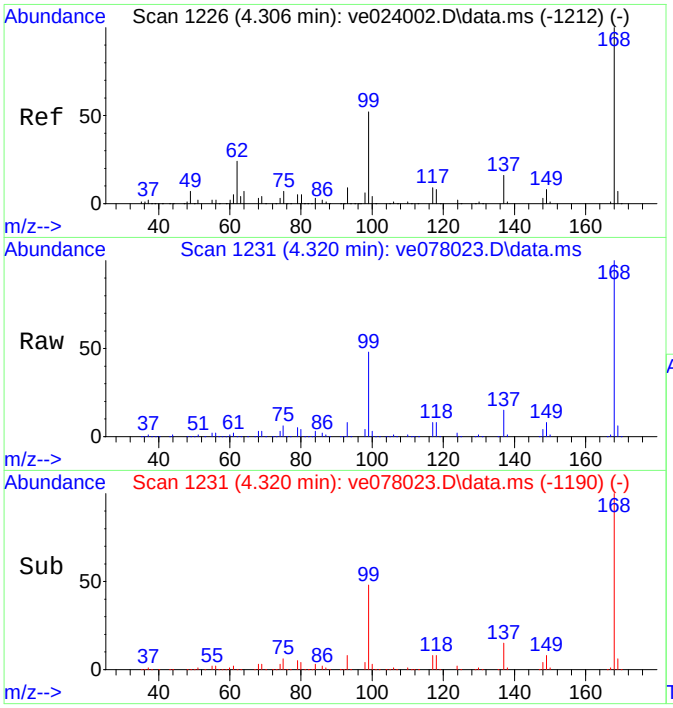




#45
BENZENE
Concen: 0.34 UG/L
RT: 4.777 min Scan# 1395
Delta R.T. -0.000 min
Lab File: ve078023.D
Acq: 19 Mar 2013 8:24 pm

Tgt Ion: 78 Resp: 11538

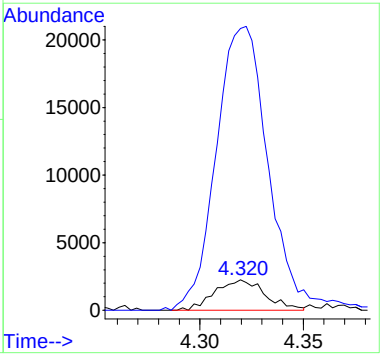


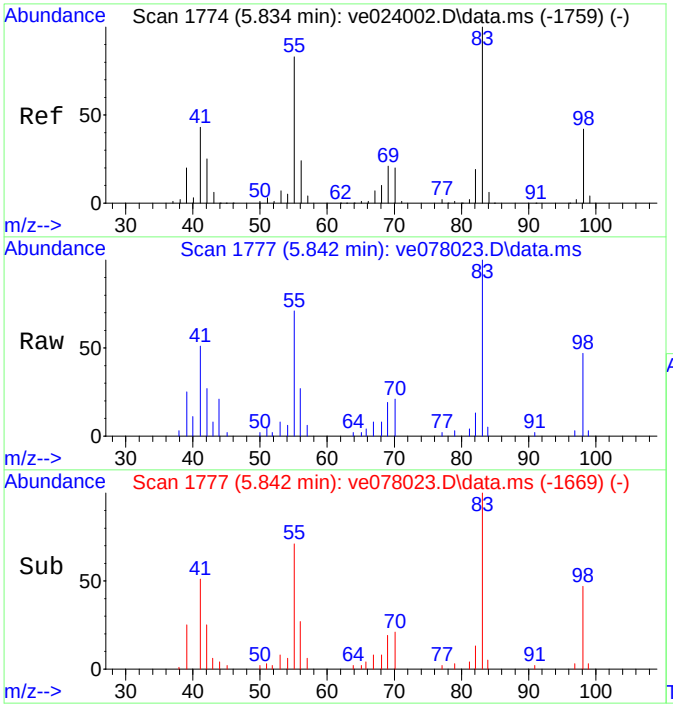


#49
1,2-DICHLOROETHANE
Concen: 0.32 UG/L
RT: 4.320 min Scan# 1231
Delta R.T. 0.011 min
Lab File: ve078023.D
Acq: 19 Mar 2013 8:24 pm

Tgt Ion: 62 Resp: 3815

Ion	Ratio	Lower	Upper
62	100		
98	966.6	22.7	34.1#

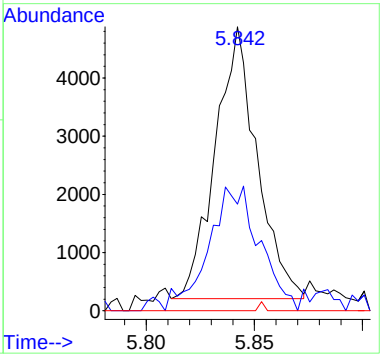


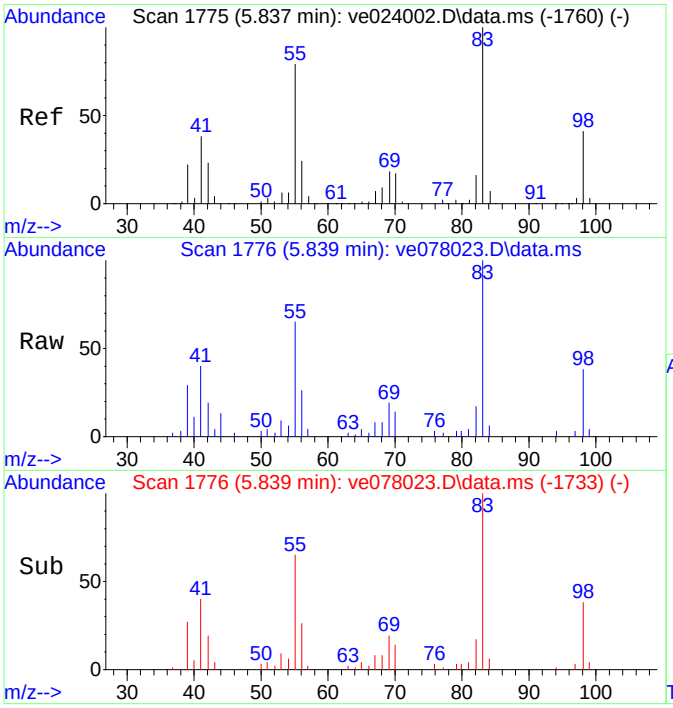


#50
METHYL METHACRYLATE
Concen: 0.44 UG/L
RT: 5.842 min Scan# 1777
Delta R.T. 0.000 min
Lab File: ve078023.D
Acq: 19 Mar 2013 8:24 pm

Tgt Ion: 41 Resp: 6281

Ion	Ratio	Lower	Upper
41	100		
69	55.6	50.4	75.6
100	0.0	21.6	32.4#

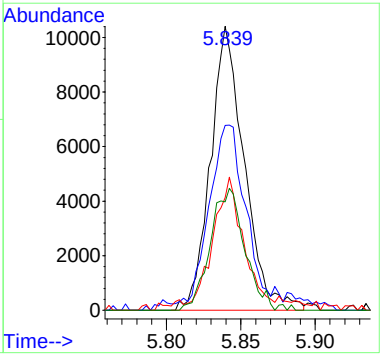


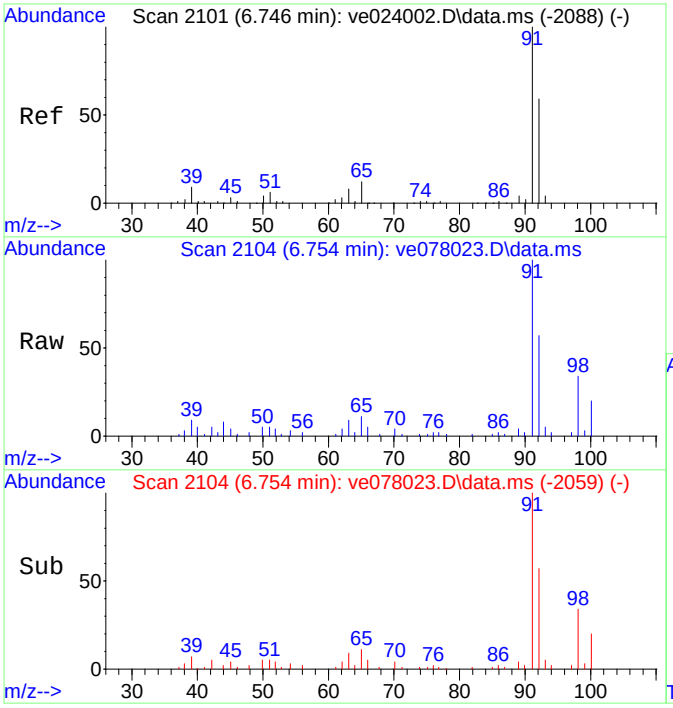


#52
METHYLCYCLOHEXANE
Concen: 1.20 UG/L
RT: 5.839 min Scan# 1776
Delta R.T. -0.003 min
Lab File: ve078023.D
Acq: 19 Mar 2013 8:24 pm

Tgt Ion: 83 Resp: 16477

Ion	Ratio	Lower	Upper
83	100		
55	67.0	78.9	118.3#
41	38.1	37.6	56.4
98	43.5	37.2	55.8

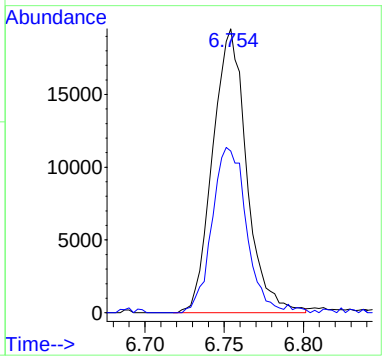


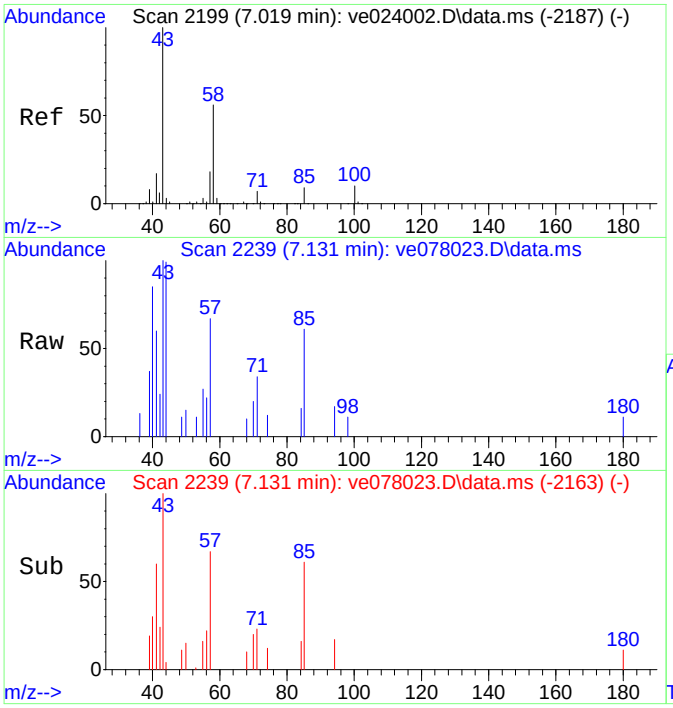


#60
TOLUENE
Concen: 0.82 UG/L
RT: 6.754 min Scan# 2104
Delta R.T. 0.003 min
Lab File: ve078023.D
Acq: 19 Mar 2013 8:24 pm

Tgt Ion: 91 Resp: 29054

Ion	Ratio	Lower	Upper
91	100		
92	58.5	46.6	70.0

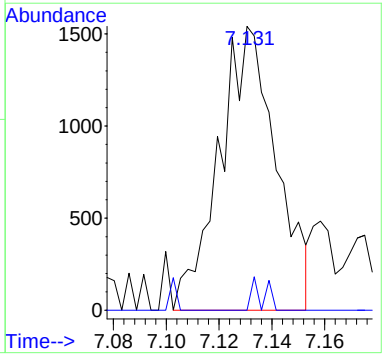


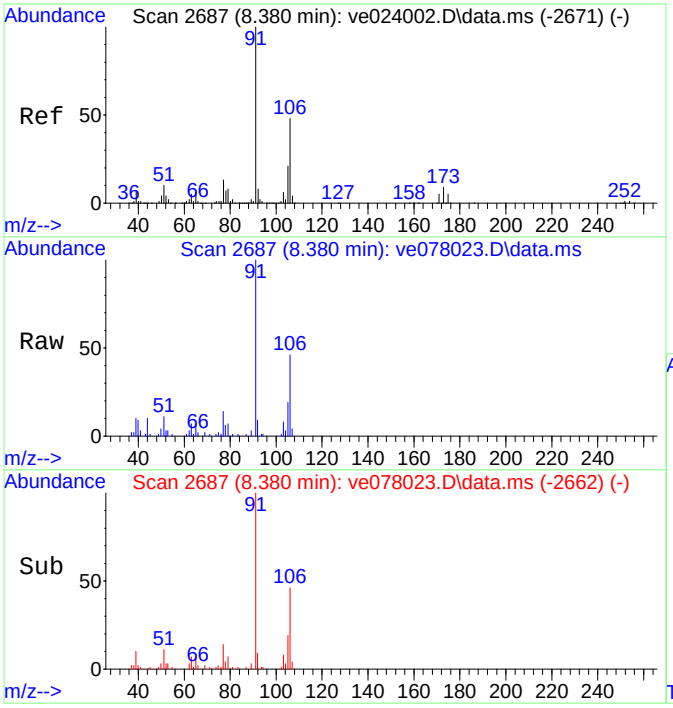


#64
2-HEXANONE
Concen: 0.34 UG/L
RT: 7.131 min Scan# 2239
Delta R.T. 0.109 min
Lab File: ve078023.D
Acq: 19 Mar 2013 8:24 pm

Tgt Ion: 43 Resp: 2311

Ion	Ratio	Lower	Upper
43	100		
58	0.0	48.5	72.7#

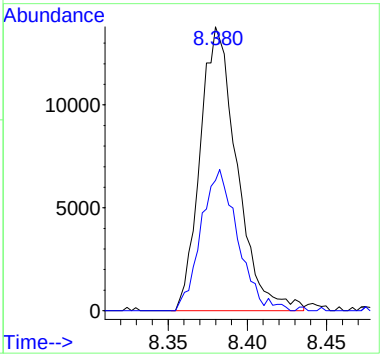


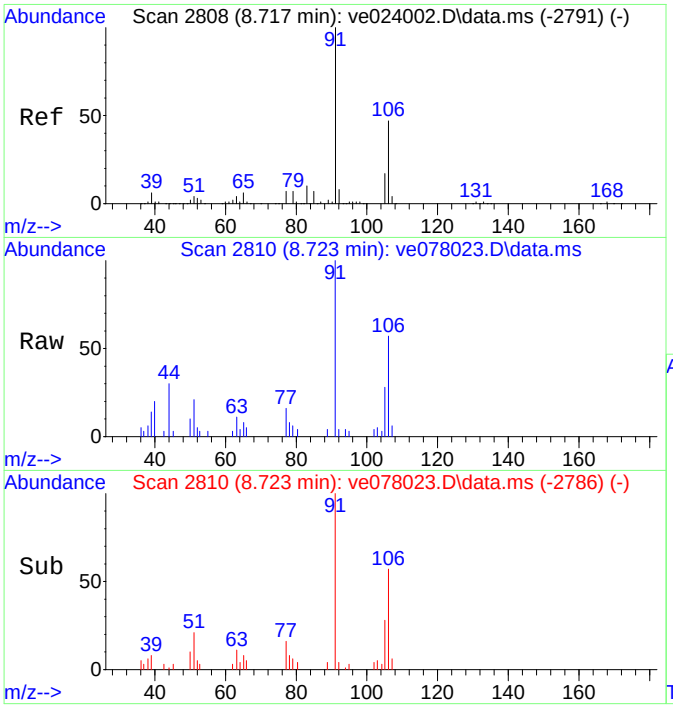


#74
M/P-XYLENES
Concen: 0.77 UG/L
RT: 8.380 min Scan# 2687
Delta R.T. -0.003 min
Lab File: ve078023.D
Acq: 19 Mar 2013 8:24 pm

Tgt Ion: 91 Resp: 22358

Ion	Ratio	Lower	Upper
91	100		
106	48.2	40.8	61.2

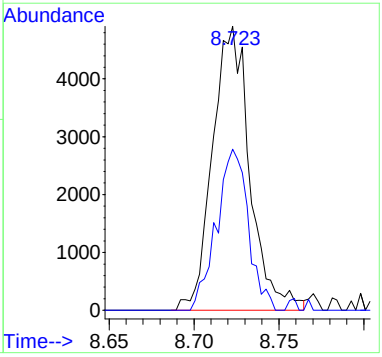


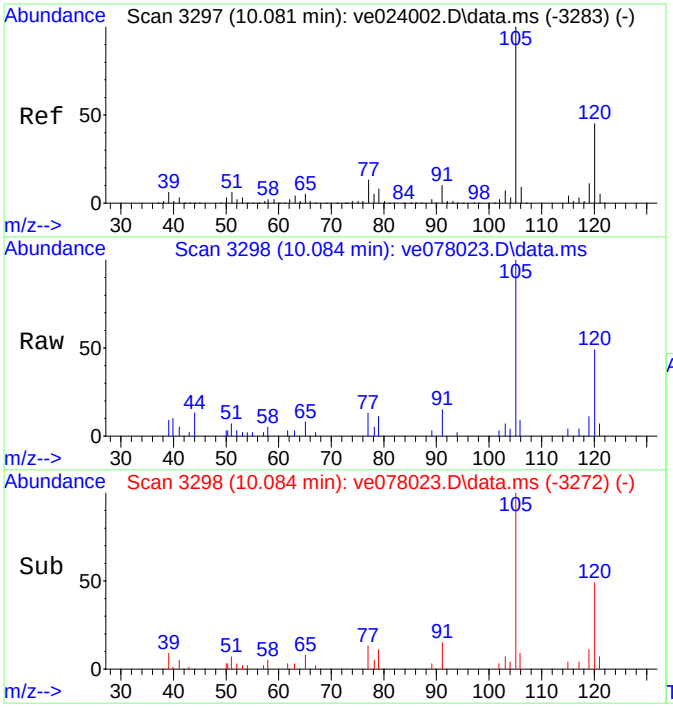


#75
0-XYLENE
Concen: 0.27 UG/L
RT: 8.723 min Scan# 2810
Delta R.T. 0.003 min
Lab File: ve078023.D
Acq: 19 Mar 2013 8:24 pm

Tgt Ion: 91 Resp: 7482

Ion	Ratio	Lower	Upper
91	100		
106	48.4	40.5	60.7

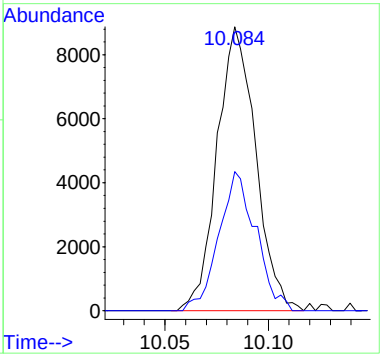




#90
1,2,4-TRIMETHYLBENZENE
Concen: 0.36 UG/L
RT: 10.084 min Scan# 3298
Delta R.T. -0.003 min
Lab File: ve078023.D
Acq: 19 Mar 2013 8:24 pm

Tgt Ion:105 Resp: 11529

Ion	Ratio	Lower	Upper
105	100		
120	47.0	38.5	57.7



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1 - FORM I
ANALYSIS DATA SHEET

B-52_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-10	File ID:	ve078024.D
Sampled:	03/13/13 09:50	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 20:50
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	68	0.54	50	V-05
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	5.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	2.0	
135-98-8	sec-Butylbenzene		0.050	2.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	V-05
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

B-52_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-10	File ID:	ve078024.D
Sampled:	03/13/13 09:50	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 20:50
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	V-05
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

B-52_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-10	File ID:	ve078024.D
Sampled:	03/13/13 09:50	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 20:50
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	V-05
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	V-05
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	2.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

B-52_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-10	File ID:	ve078024.D
Sampled:	03/13/13 09:50	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 20:50
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078024.D
Acq On : 19 Mar 2013 8:50 pm
Operator :
Sample : 13C0408-10 Inst : GCMSVOA5
Misc : 1
ALS Vial : 24 Sample Multiplier: 1

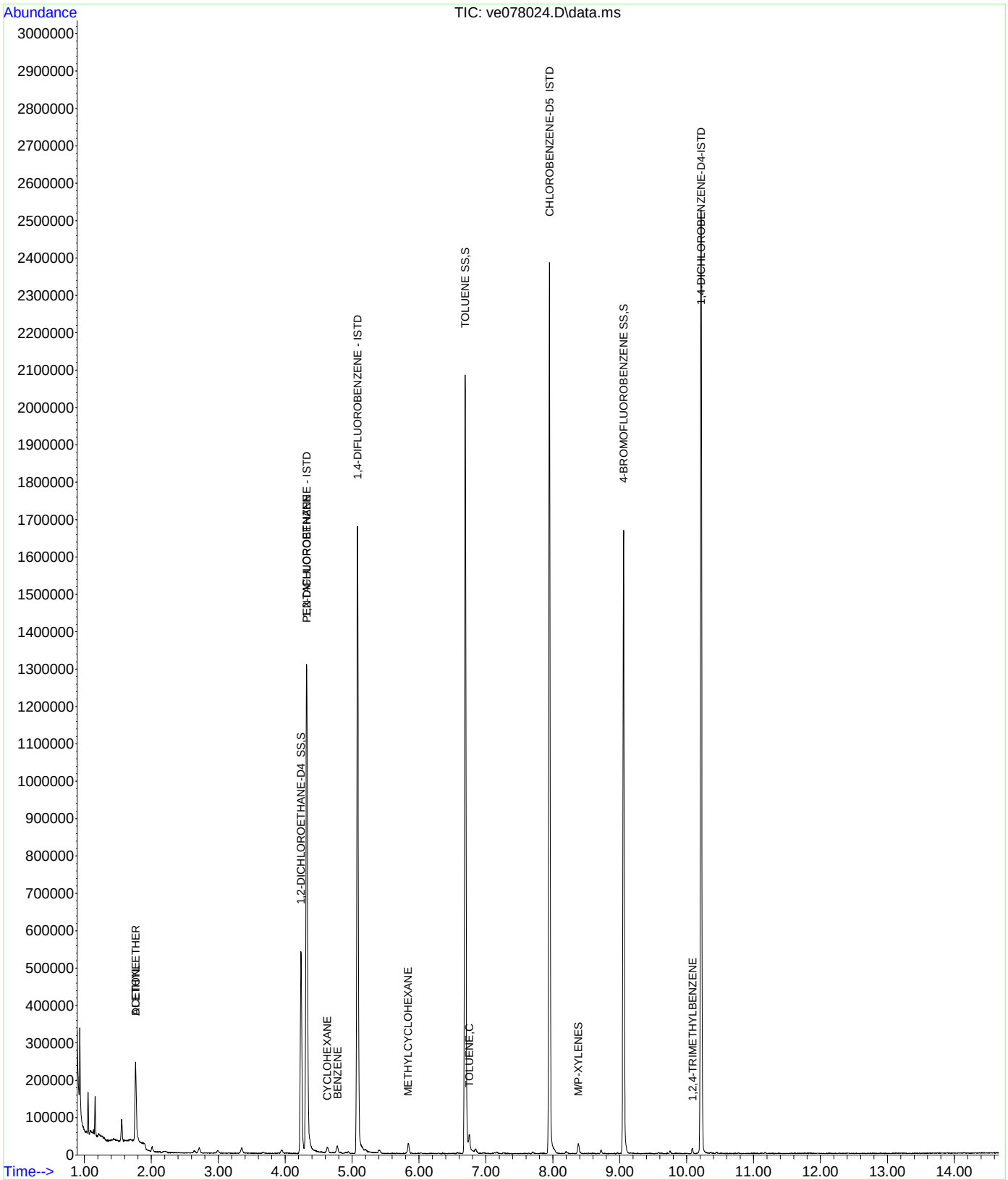
Quant Time: Mar 21 09:54:51 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

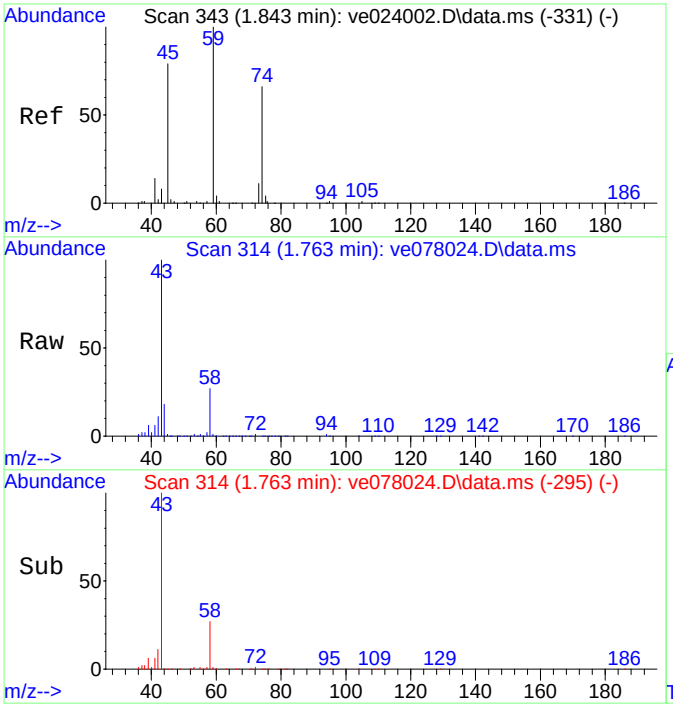
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.322	168	839648	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.081	114	1172719	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.951	82	578117	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	570514	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	333047	22.06	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.24%			
48) TOLUENE SS	6.690	98	1135421	24.57	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.28%			
70) 4-BROMOFLUOROBENZENE SS	9.058	95	433877	25.23	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.92%			
Target Compounds						Qvalue
12) DI ETHYL ETHER	1.763	59	1838	0.31	UG/L #	41
14) ACETONE	1.763	43	200936	68.33	UG/L #	87
23) CARBON DISULFIDE	2.220	76	3479	Below Cal		100
42) CYCLOHEXANE	4.629	56	5760	0.43	UG/L #	73
45) BENZENE	4.780	78	12031	0.39	UG/L	100
49) 1,2-DICHLOROETHANE	4.320	62	3366	0.32	UG/L #	1
52) METHYLCYCLOHEXANE	5.837	83	9344	0.78	UG/L #	74
60) TOLUENE	6.751	91	21925	0.71	UG/L	99
74) M/P-XYLENES	8.380	91	14365	0.54	UG/L	100
90) 1,2,4-TRIMETHYLBENZENE	10.087	105	6307	0.22	UG/L	90

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

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078024.D
Acq On : 19 Mar 2013 8:50 pm
Operator :
Sample : 13C0408-10 Inst : GCMSVOA5
Misc : 1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 21 09:54:51 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

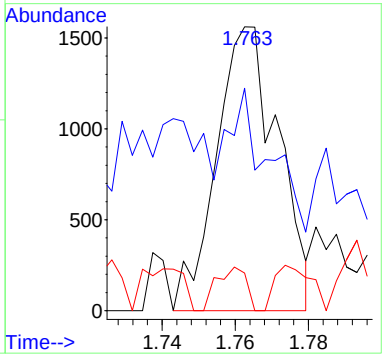


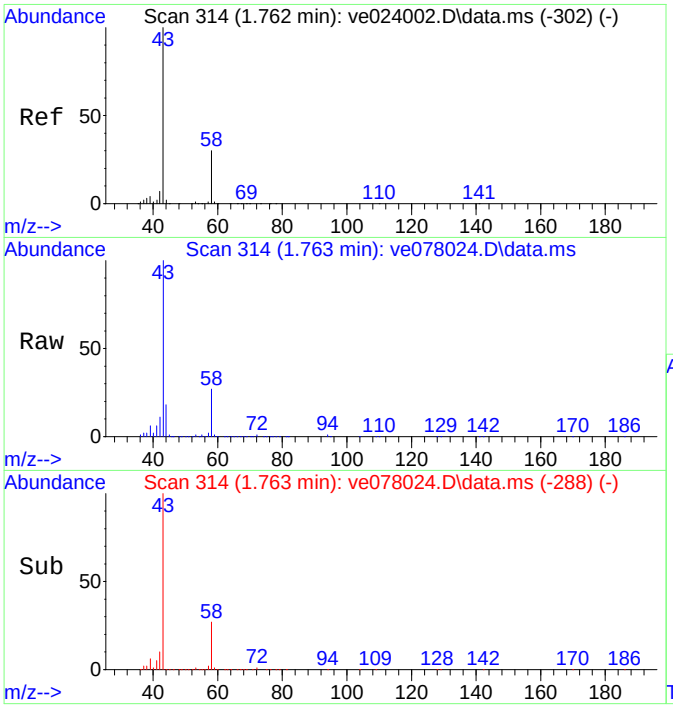


#12
DI ETHYL ETHER
Concen: 0.31 UG/L
RT: 1.763 min Scan# 314
Delta R.T. -0.080 min
Lab File: ve078024.D
Acq: 19 Mar 2013 8:50 pm

Tgt Ion: 59 Resp: 1838

Ion	Ratio	Lower	Upper
59	100		
45	34.1	59.1	88.7#
74	0.0	43.8	65.6#

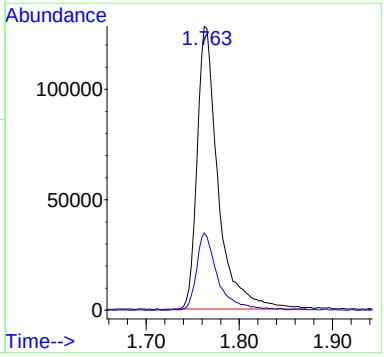


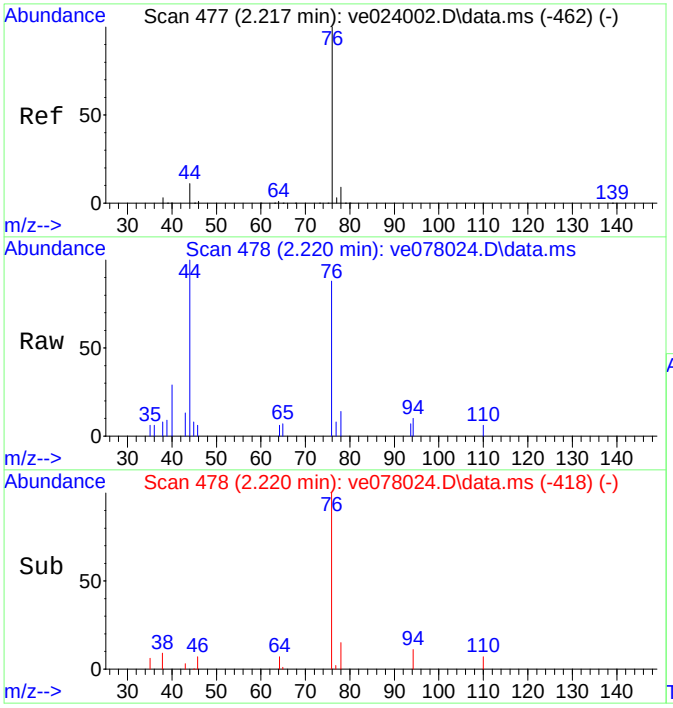


#14
ACETONE
Concen: 68.33 UG/L
RT: 1.763 min Scan# 314
Delta R.T. 0.001 min
Lab File: ve078024.D
Acq: 19 Mar 2013 8:50 pm

Tgt Ion: 43 Resp: 200936

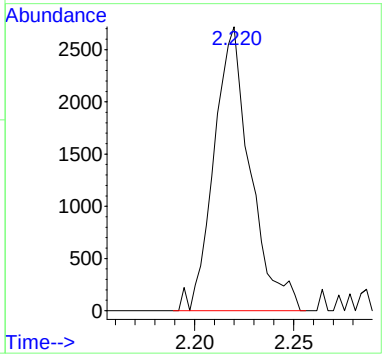
Ion	Ratio	Lower	Upper
43	100		
58	27.7	28.2	42.4#

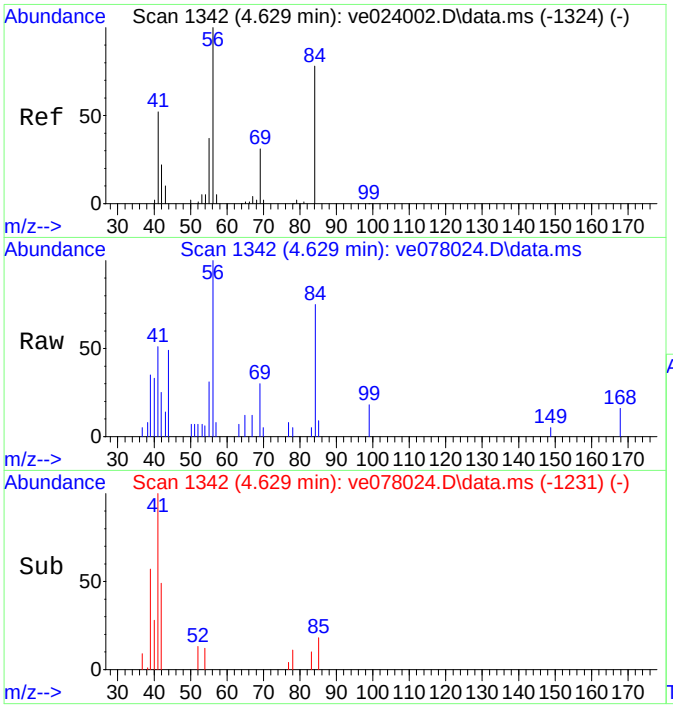




#23
CARBON DISULFIDE
Concen: Below Cal
RT: 2.220 min Scan# 478
Delta R.T. 0.003 min
Lab File: ve078024.D
Acq: 19 Mar 2013 8:50 pm

Tgt Ion: 76 Resp: 3479

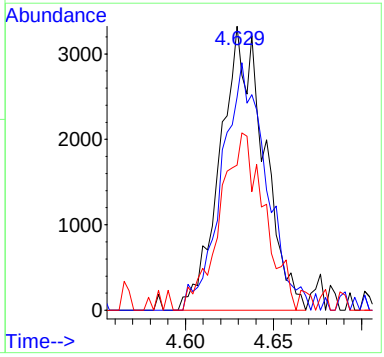


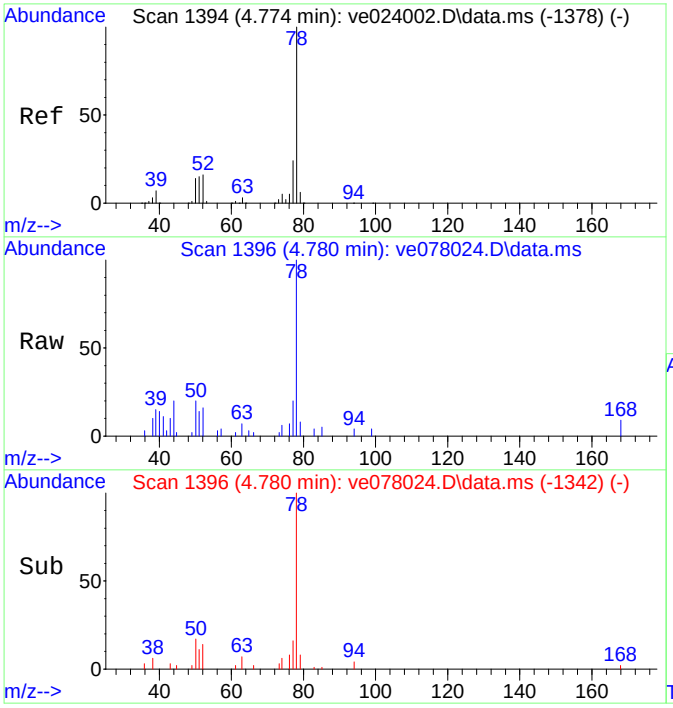


#42
CYCLOHEXANE
Concen: 0.43 UG/L
RT: 4.629 min Scan# 1342
Delta R.T. -0.003 min
Lab File: ve078024.D
Acq: 19 Mar 2013 8:50 pm

Tgt Ion: 56 Resp: 5760

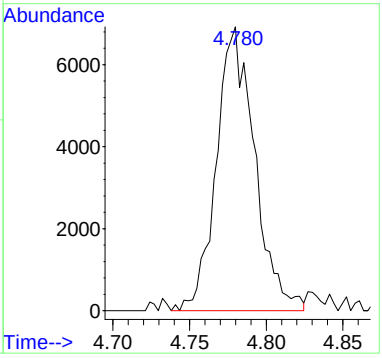
Ion	Ratio	Lower	Upper
56	100		
84	88.1	51.0	76.4#
41	63.3	39.0	58.6#

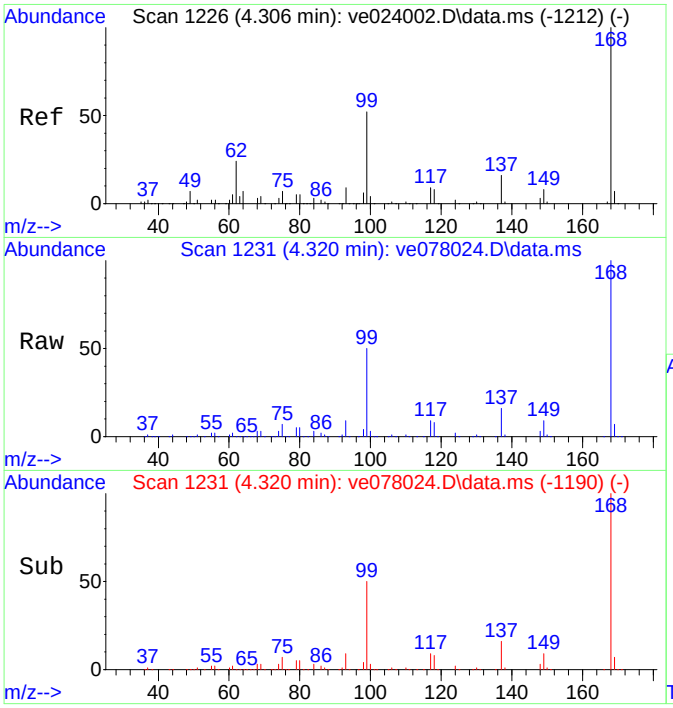




#45
BENZENE
Concen: 0.39 UG/L
RT: 4.780 min Scan# 1396
Delta R.T. 0.003 min
Lab File: ve078024.D
Acq: 19 Mar 2013 8:50 pm

Tgt Ion: 78 Resp: 12031

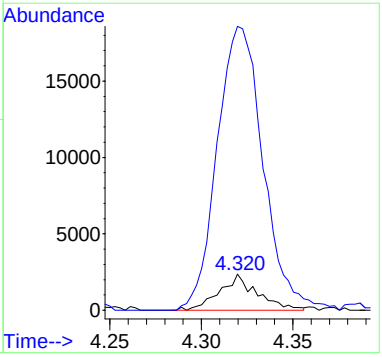


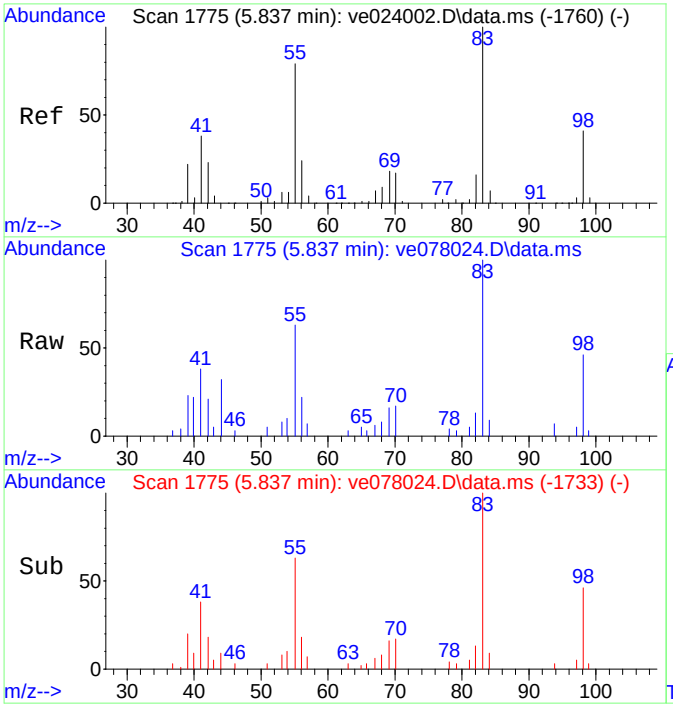


#49
1,2-DICHLOROETHANE
Concen: 0.32 UG/L
RT: 4.320 min Scan# 1231
Delta R.T. 0.011 min
Lab File: ve078024.D
Acq: 19 Mar 2013 8:50 pm

Tgt Ion: 62 Resp: 3366

Ion	Ratio	Lower	Upper
62	100		
98	962.4	22.7	34.1#

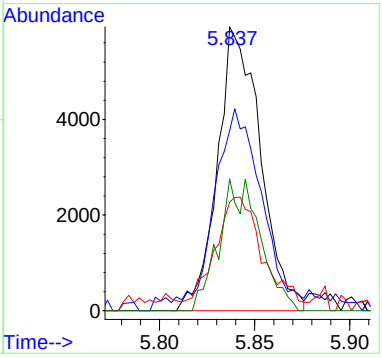


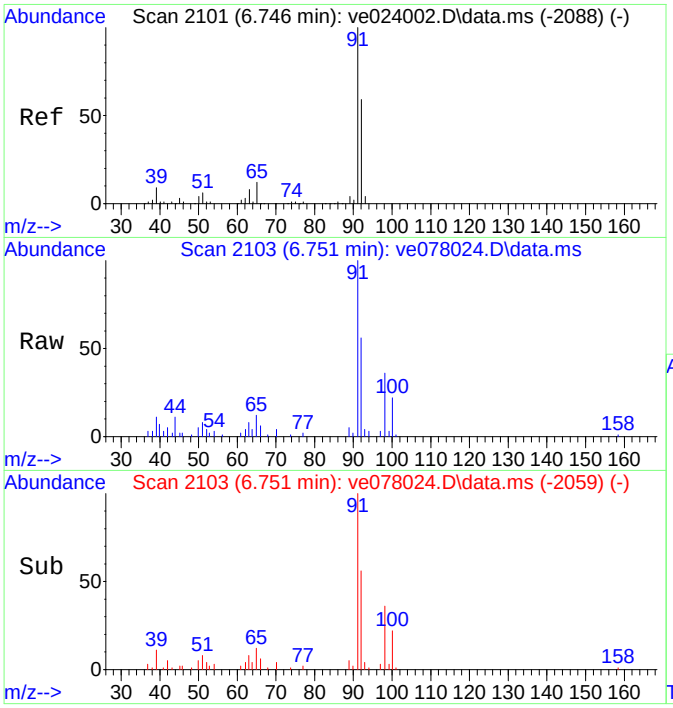


#52
METHYLCYCLOHEXANE
Concen: 0.78 UG/L
RT: 5.837 min Scan# 1775
Delta R.T. -0.005 min
Lab File: ve078024.D
Acq: 19 Mar 2013 8:50 pm

Tgt Ion: 83 Resp: 9344

Ion	Ratio	Lower	Upper
83	100		
55	70.3	78.9	118.3#
41	38.6	37.6	56.4
98	23.4	37.2	55.8#

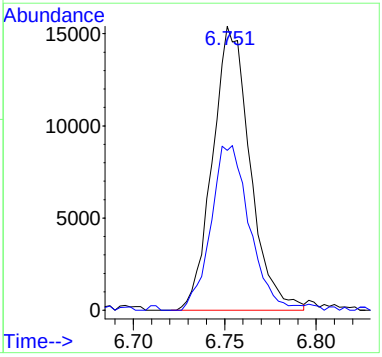


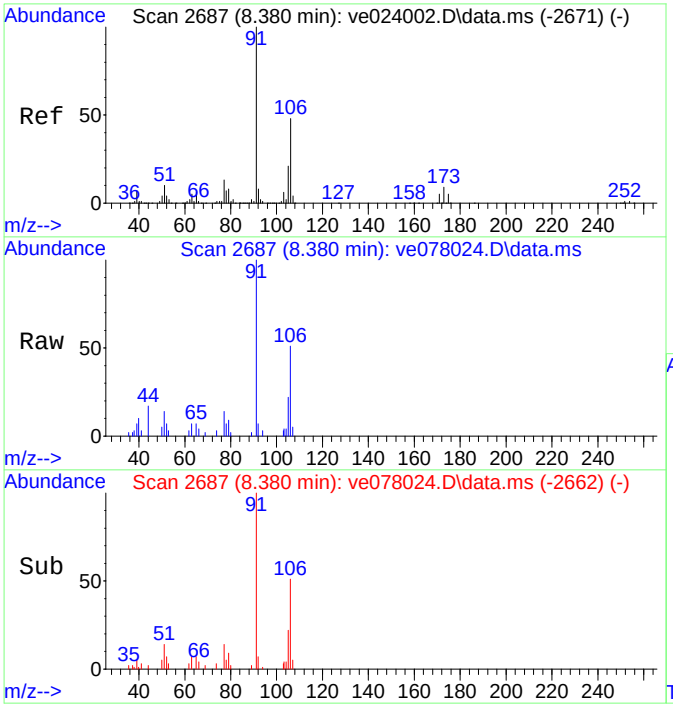


#60
TOLUENE
Concen: 0.71 UG/L
RT: 6.751 min Scan# 2103
Delta R.T. 0.000 min
Lab File: ve078024.D
Acq: 19 Mar 2013 8:50 pm

Tgt Ion: 91 Resp: 21925

Ion	Ratio	Lower	Upper
91	100		
92	59.4	46.6	70.0

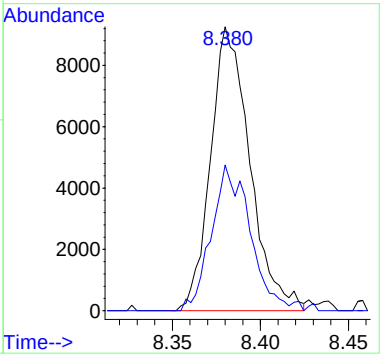


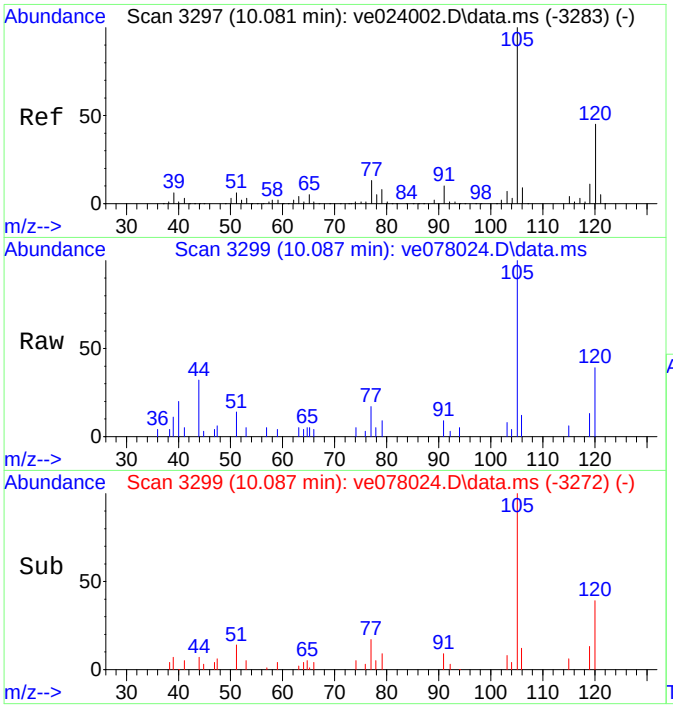


#74
M/P-XYLENES
Concen: 0.54 UG/L
RT: 8.380 min Scan# 2687
Delta R.T. -0.003 min
Lab File: ve078024.D
Acq: 19 Mar 2013 8:50 pm

Tgt Ion: 91 Resp: 14365

Ion	Ratio	Lower	Upper
91	100		
106	50.7	40.8	61.2

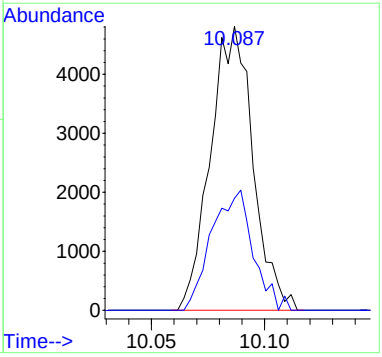




#90
1,2,4-TRIMETHYLBENZENE
Concen: 0.22 UG/L
RT: 10.087 min Scan# 3299
Delta R.T. -0.000 min
Lab File: ve078024.D
Acq: 19 Mar 2013 8:50 pm

Tgt Ion:105 Resp: 6307

Ion	Ratio	Lower	Upper
105	100		
120	41.3	38.5	57.7



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1 - FORM I
ANALYSIS DATA SHEET

B-45_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-11	File ID:	ve078025.D
Sampled:	03/13/13 09:25	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 21:16
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	72	0.54	50	V-05
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	5.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	2.0	
135-98-8	sec-Butylbenzene		0.050	2.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	V-05
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

B-45_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-11	File ID:	ve078025.D
Sampled:	03/13/13 09:25	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 21:16
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	V-05
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

B-45_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-11	File ID:	ve078025.D
Sampled:	03/13/13 09:25	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 21:16
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	V-05
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	V-05
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	2.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

B-45_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-11	File ID:	ve078025.D
Sampled:	03/13/13 09:25	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 21:16
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078025.D
Acq On : 19 Mar 2013 9:16 pm
Operator :
Sample : 13C0408-11 Inst : GCMSVOA5
Misc : 1
ALS Vial : 25 Sample Multiplier: 1

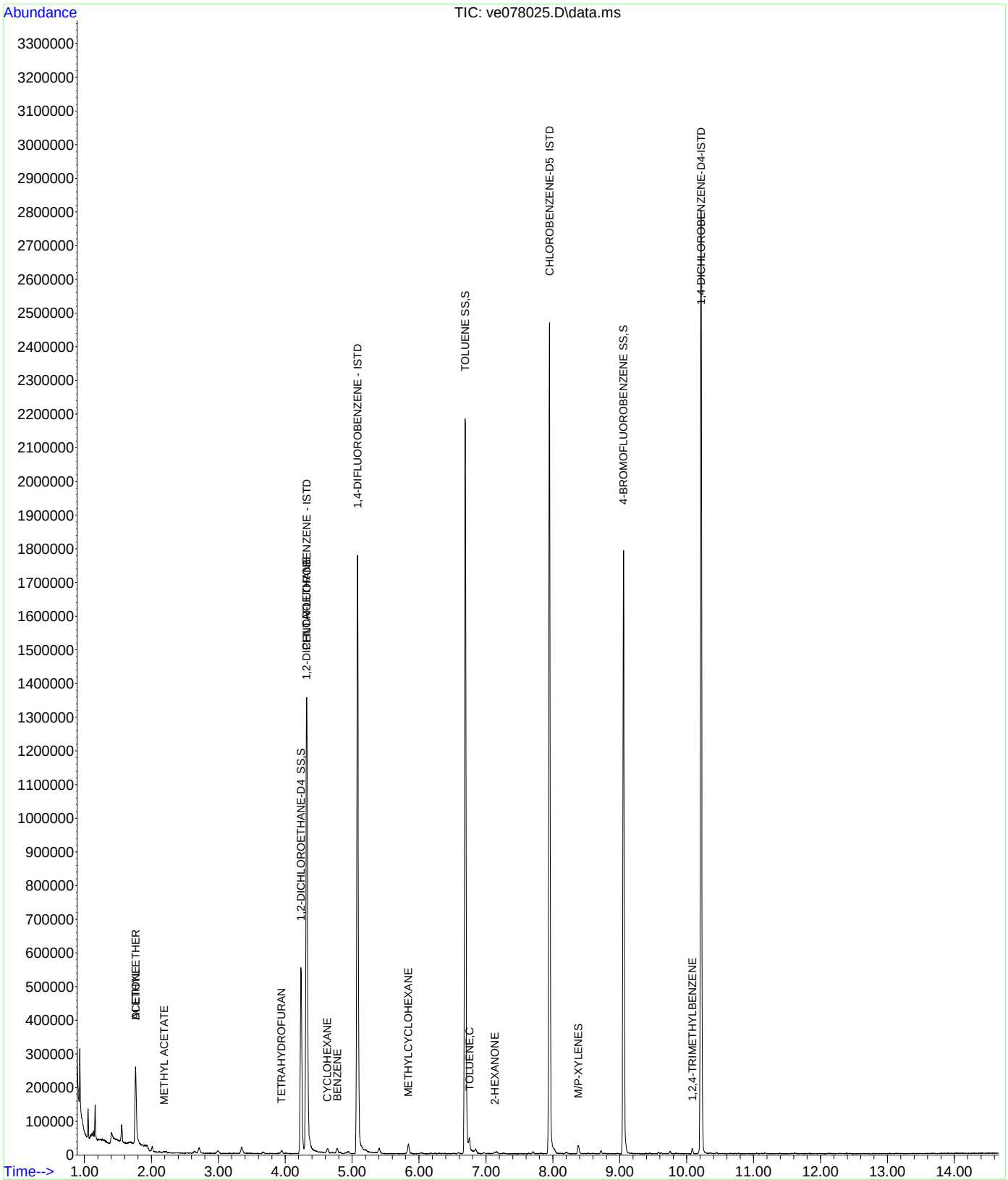
Quant Time: Mar 21 09:55:13 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

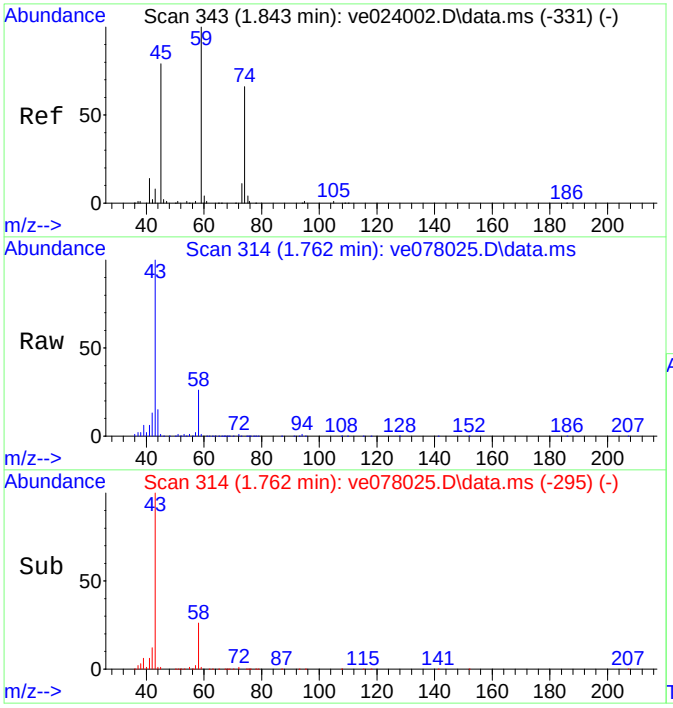
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.322	168	883292	30.00	UG/L		0.00
47) 1,4-DIFLUOROBENZENE - ...	5.081	114	1271730	30.00	UG/L		0.00
69) CHLOROBENZENE-D5 ISTD	7.950	82	598513	30.00	UG/L		0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	615752	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	343731	21.64	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 86.56%				
48) TOLUENE SS	6.690	98	1218229	24.31	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.24%				
70) 4-BROMOFLUOROBENZENE SS	9.055	95	464436	26.08	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.32%				
Target Compounds							Qvalue
12) DI ETHYL ETHER	1.762	59	1999	0.32	UG/L	#	49
14) ACETONE	1.762	43	224147	72.46	UG/L	#	85
19) METHYL ACETATE	2.189	43	2028	0.22	UG/L	#	62
22) METHYLENE CHLORIDE	2.119	49	796	Below Cal		#	24
23) CARBON DISULFIDE	2.220	76	3361	Below Cal			100
38) TETRAHYDROFURAN	3.943	42	590	0.22	UG/L	#	38
42) CYCLOHEXANE	4.629	56	5232	0.37	UG/L	#	75
45) BENZENE	4.777	78	7589	0.24	UG/L		100
49) 1,2-DICHLOROETHANE	4.317	62	3639	0.32	UG/L	#	1
52) METHYLCYCLOHEXANE	5.839	83	9347	0.72	UG/L	#	86
60) TOLUENE	6.754	91	17671	0.53	UG/L		99
64) 2-HEXANONE	7.131	43	2163	0.34	UG/L	#	20
74) M/P-XYLENES	8.383	91	13640	0.50	UG/L	#	64
90) 1,2,4-TRIMETHYLBENZENE	10.084	105	7084	0.23	UG/L		97

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

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078025.D
Acq On : 19 Mar 2013 9:16 pm
Operator :
Sample : 13C0408-11 Inst : GCMSVOA5
Misc : 1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 21 09:55:13 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

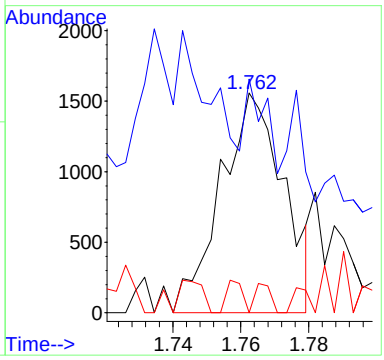


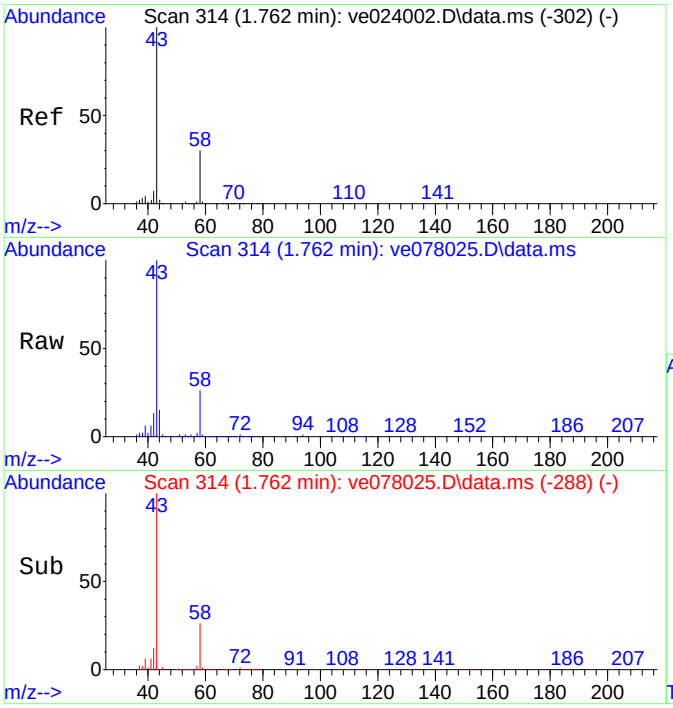


#12
DI ETHYL ETHER
Concen: 0.32 UG/L
RT: 1.762 min Scan# 314
Delta R.T. -0.081 min
Lab File: ve078025.D
Acq: 19 Mar 2013 9:16 pm

Tgt Ion: 59 Resp: 1999

Ion	Ratio	Lower	Upper
59	100		
45	46.9	59.1	88.7#
74	0.0	43.8	65.6#

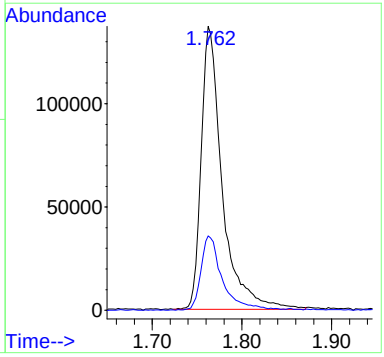


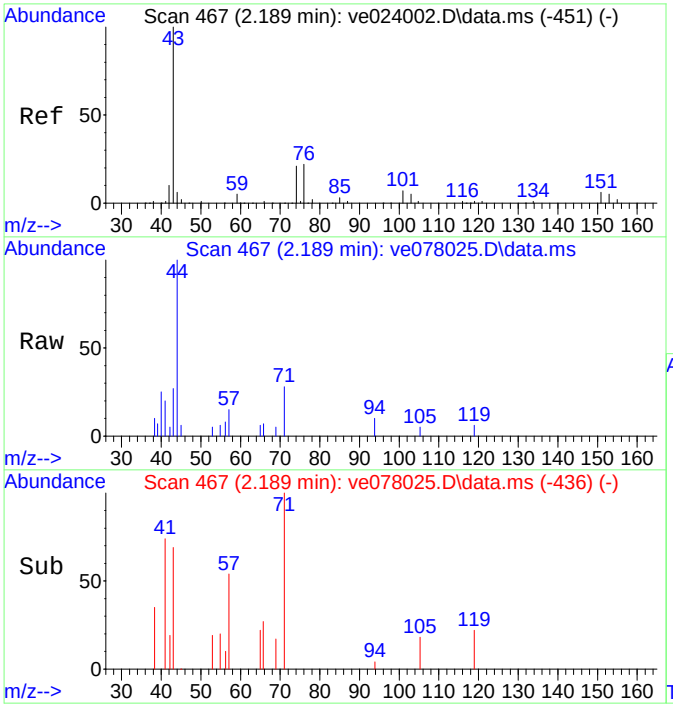


#14
ACETONE
Concen: 72.46 UG/L
RT: 1.762 min Scan# 314
Delta R.T. 0.000 min
Lab File: ve078025.D
Acq: 19 Mar 2013 9:16 pm

Tgt Ion: 43 Resp: 224147

Ion	Ratio	Lower	Upper
43	100		
58	26.8	28.2	42.4#

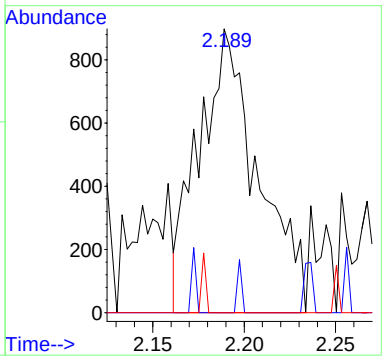


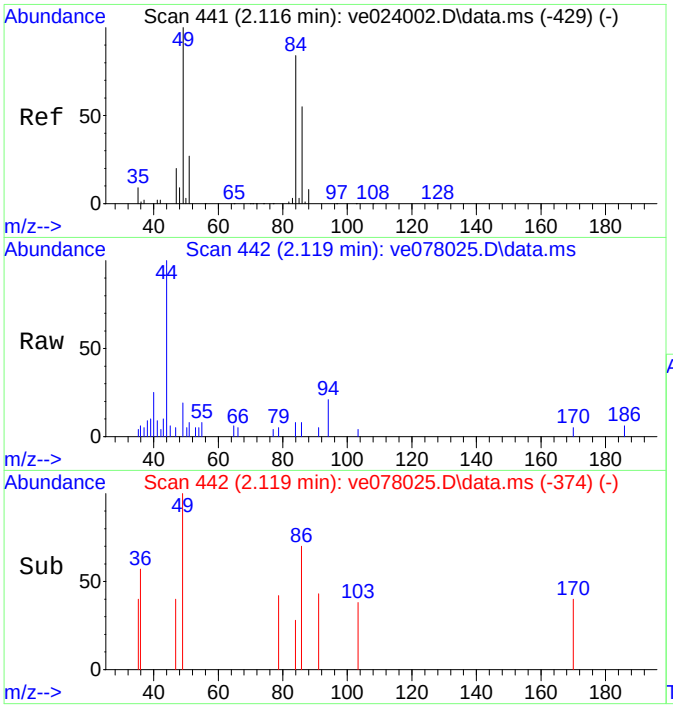


#19
METHYL ACETATE
Concen: 0.22 UG/L
RT: 2.189 min Scan# 467
Delta R.T. -0.006 min
Lab File: ve078025.D
Acq: 19 Mar 2013 9:16 pm

Tgt Ion: 43 Resp: 2028

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.8	23.8#
59	0.0	7.4	11.0#

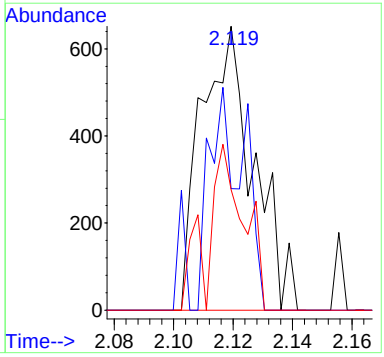


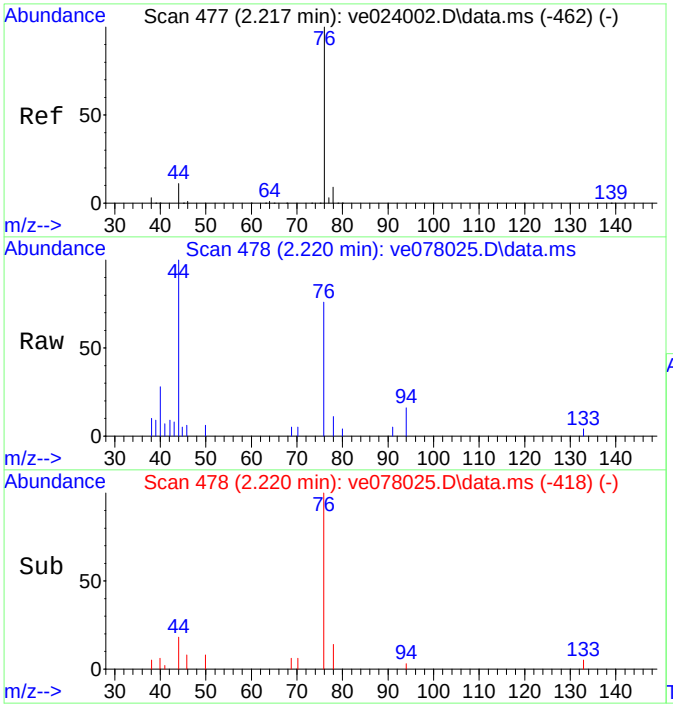


#22
METHYLENE CHLORIDE
Concen: Below Cal
RT: 2.119 min Scan# 442
Delta R.T. 0.000 min
Lab File: ve078025.D
Acq: 19 Mar 2013 9:16 pm

Tgt Ion: 49 Resp: 796

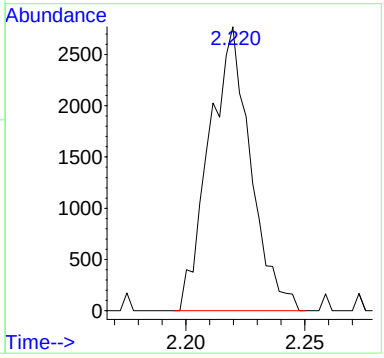
Ion	Ratio	Lower	Upper
49	100		
84	0.0	52.4	78.6#
86	0.0	32.2	48.2#

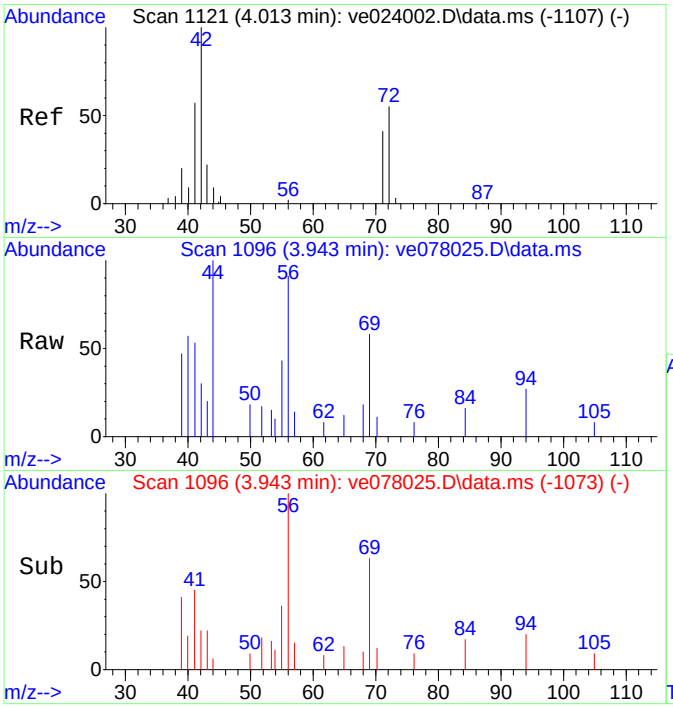




#23
CARBON DISULFIDE
Concen: Below Cal
RT: 2.220 min Scan# 478
Delta R.T. 0.003 min
Lab File: ve078025.D
Acq: 19 Mar 2013 9:16 pm

Tgt Ion: 76 Resp: 3361

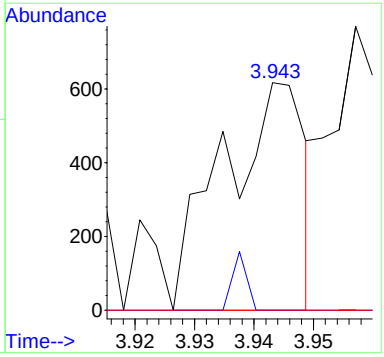


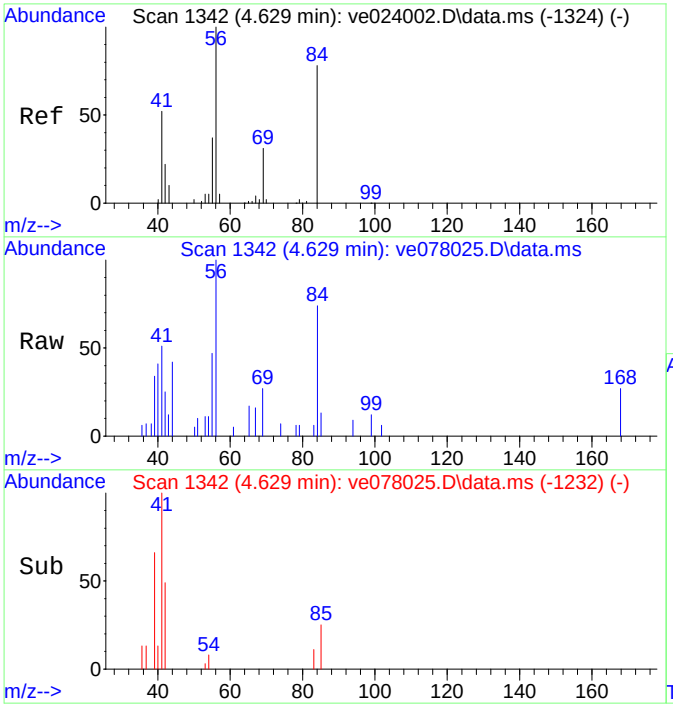


#38
TETRAHYDROFURAN
Concen: 0.22 UG/L
RT: 3.943 min Scan# 1096
Delta R.T. -0.070 min
Lab File: ve078025.D
Acq: 19 Mar 2013 9:16 pm

Tgt Ion: 42 Resp: 590

Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.6	44.4#
71	0.0	28.6	43.0#

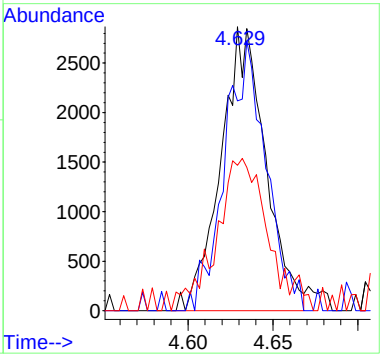


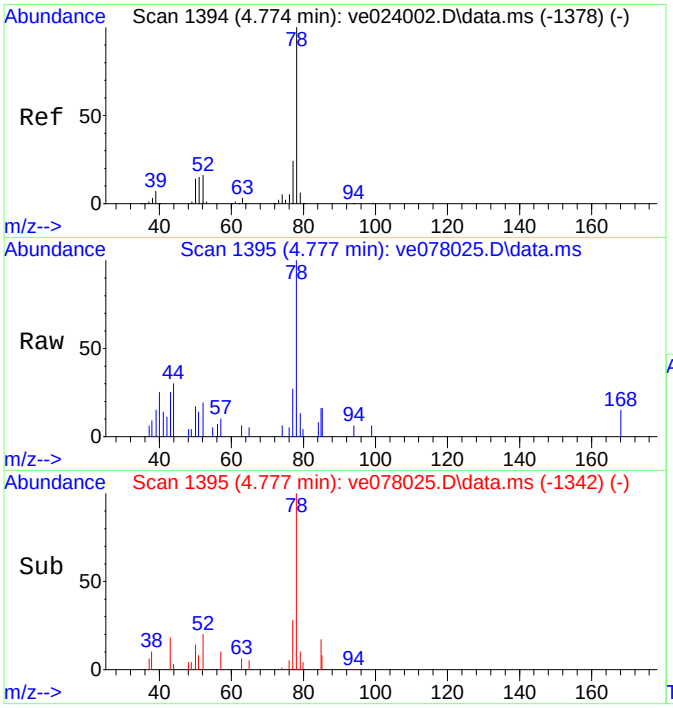


#42
CYCLOHEXANE
Concen: 0.37 UG/L
RT: 4.629 min Scan# 1342
Delta R.T. -0.003 min
Lab File: ve078025.D
Acq: 19 Mar 2013 9:16 pm

Tgt Ion: 56 Resp: 5232

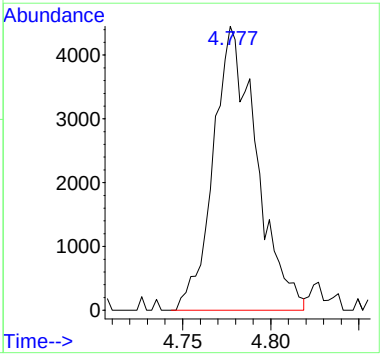
Ion	Ratio	Lower	Upper
56	100		
84	88.6	51.0	76.4#
41	59.2	39.0	58.6#

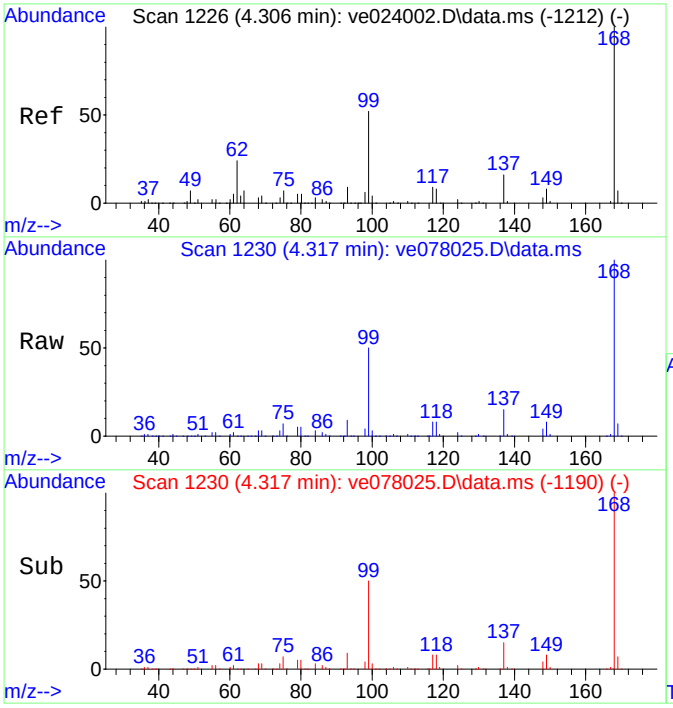




#45
BENZENE
Concen: 0.24 UG/L
RT: 4.777 min Scan# 1395
Delta R.T. -0.000 min
Lab File: ve078025.D
Acq: 19 Mar 2013 9:16 pm

Tgt Ion: 78 Resp: 7589

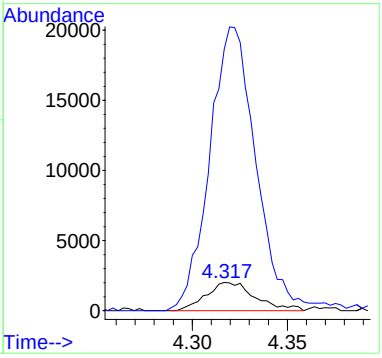


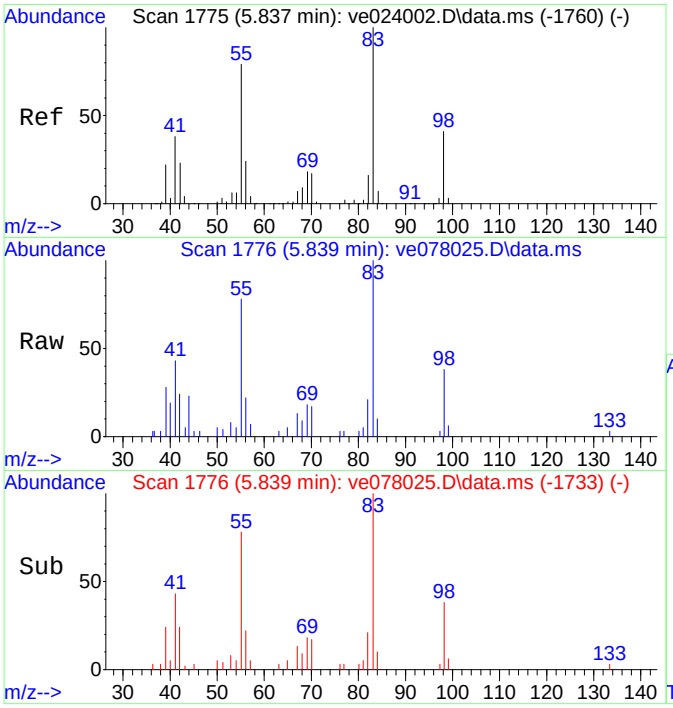


#49
1,2-DICHLOROETHANE
Concen: 0.32 UG/L
RT: 4.317 min Scan# 1230
Delta R.T. 0.008 min
Lab File: ve078025.D
Acq: 19 Mar 2013 9:16 pm

Tgt Ion: 62 Resp: 3639

Ion	Ratio	Lower	Upper
62	100		
98	941.0	22.7	34.1#

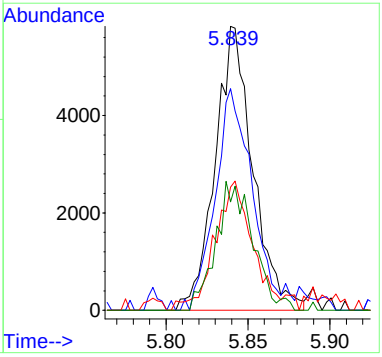


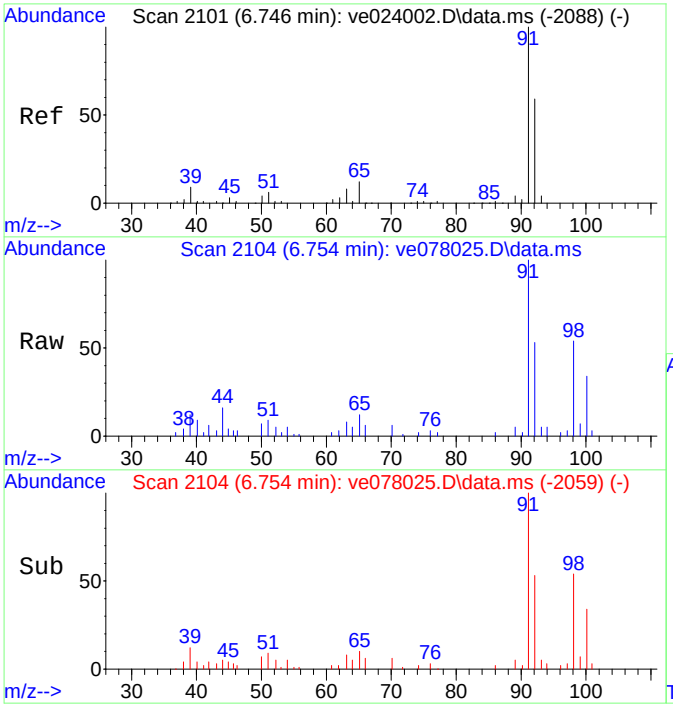


#52
METHYLCYCLOHEXANE
Concen: 0.72 UG/L
RT: 5.839 min Scan# 1776
Delta R.T. -0.003 min
Lab File: ve078025.D
Acq: 19 Mar 2013 9:16 pm

Tgt Ion: 83 Resp: 9347

Ion	Ratio	Lower	Upper
83	100		
55	75.9	78.9	118.3#
41	45.1	37.6	56.4
98	43.4	37.2	55.8

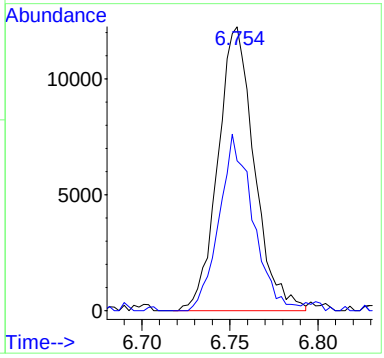


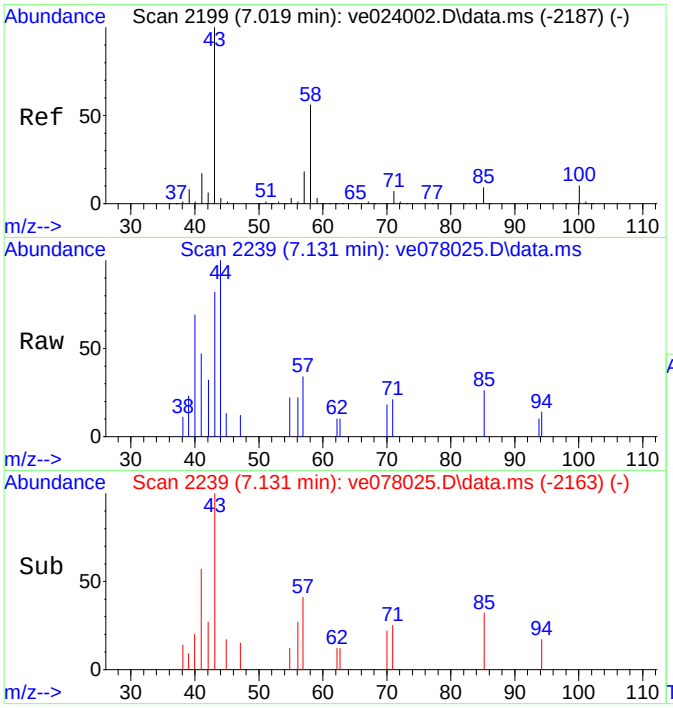


#60
TOLUENE
Concen: 0.53 UG/L
RT: 6.754 min Scan# 2104
Delta R.T. 0.003 min
Lab File: ve078025.D
Acq: 19 Mar 2013 9:16 pm

Tgt Ion: 91 Resp: 17671

Ion	Ratio	Lower	Upper
91	100		
92	57.6	46.6	70.0

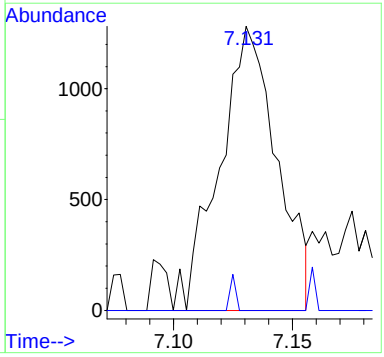


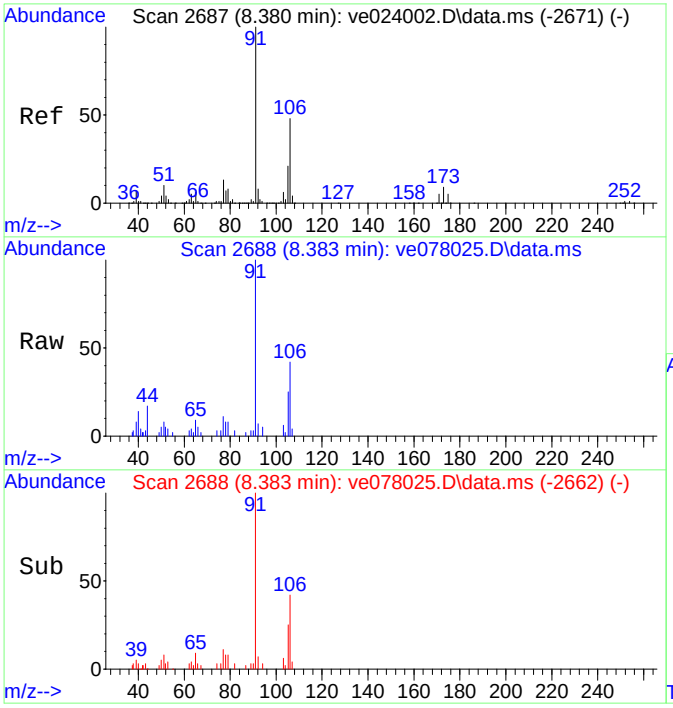


#64
2-HEXANONE
Concen: 0.34 UG/L
RT: 7.131 min Scan# 2239
Delta R.T. 0.109 min
Lab File: ve078025.D
Acq: 19 Mar 2013 9:16 pm

Tgt Ion: 43 Resp: 2163

Ion	Ratio	Lower	Upper
43	100		
58	0.0	48.5	72.7#

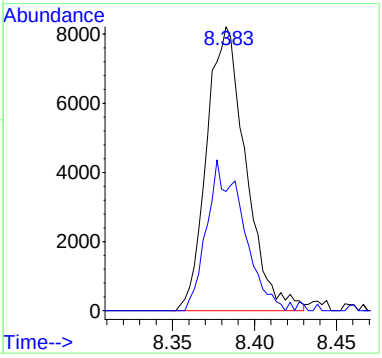


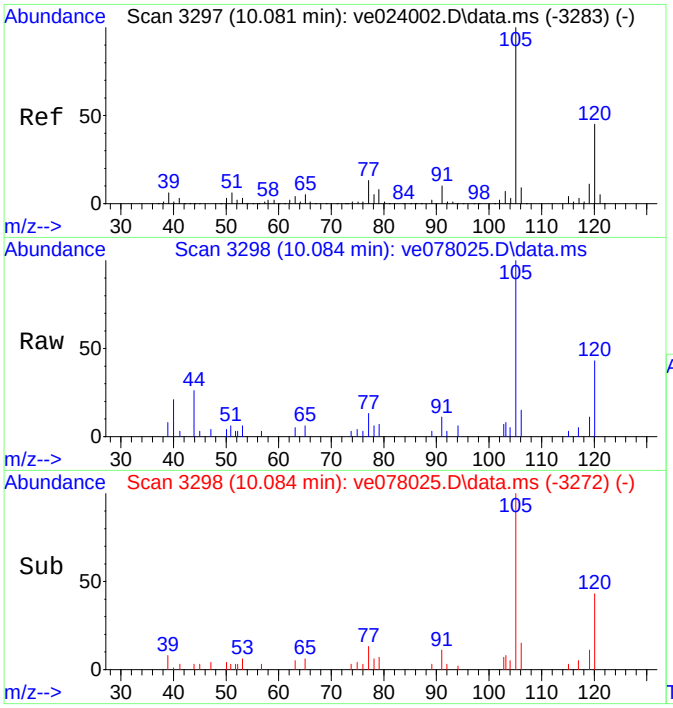


#74
M/P-XYLENES
Concen: 0.50 UG/L
RT: 8.383 min Scan# 2688
Delta R.T. -0.000 min
Lab File: ve078025.D
Acq: 19 Mar 2013 9:16 pm

Tgt Ion: 91 Resp: 13640

Ion	Ratio	Lower	Upper
91	100		
106	25.9	40.8	61.2#

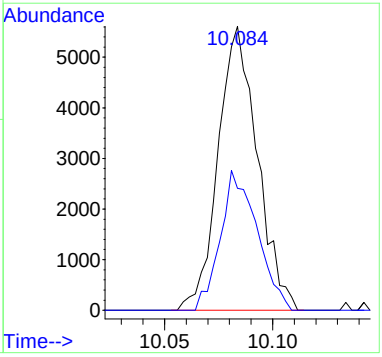




#90
1,2,4-TRIMETHYLBENZENE
Concen: 0.23 UG/L
RT: 10.084 min Scan# 3298
Delta R.T. -0.003 min
Lab File: ve078025.D
Acq: 19 Mar 2013 9:16 pm

Tgt Ion:105 Resp: 7084

Ion	Ratio	Lower	Upper
105	100		
120	46.0	38.5	57.7



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1 - FORM I
ANALYSIS DATA SHEET

FD-01_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-12	File ID:	ve078026.D
Sampled:	03/13/13 00:00	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 21:43
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	V-05
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	5.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	2.0	
135-98-8	sec-Butylbenzene		0.050	2.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	V-05
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

FD-01_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-12	File ID:	ve078026.D
Sampled:	03/13/13 00:00	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 21:43
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	V-05
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

FD-01_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-12	File ID:	ve078026.D
Sampled:	03/13/13 00:00	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 21:43
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039	Instrument:	GCMSVOA5

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	V-05
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	V-05
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene	1.3	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	2.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	

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1 - FORM I
ANALYSIS DATA SHEET

FD-01_3-13-13

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY			Project:	Buffalo, NY
Matrix:	Ground Water	Laboratory ID:	13C0408-12	File ID:	ve078026.D
Sampled:	03/13/13 00:00	Prepared:	03/15/13 09:05	Analyzed:	03/19/13 21:43
Solids:		Preparation:	SW-846 5030B	Dilution:	1
Initial/Final:	5 mL / 5 mL				
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078026.D
Acq On : 19 Mar 2013 9:43 pm
Operator :
Sample : 13C0408-12 Inst : GCMSVOA5
Misc : 1
ALS Vial : 26 Sample Multiplier: 1

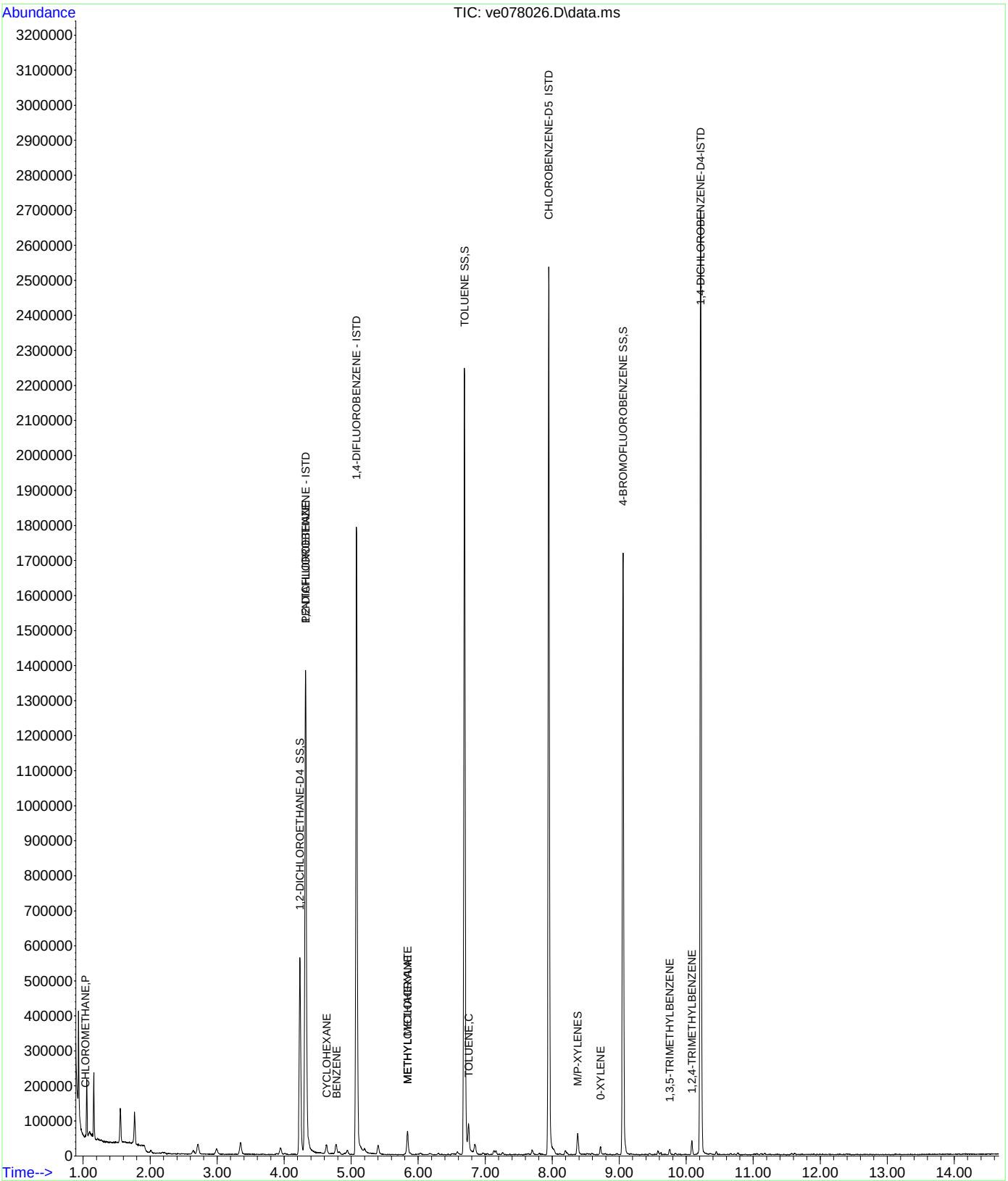
Quant Time: Mar 21 09:55:42 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

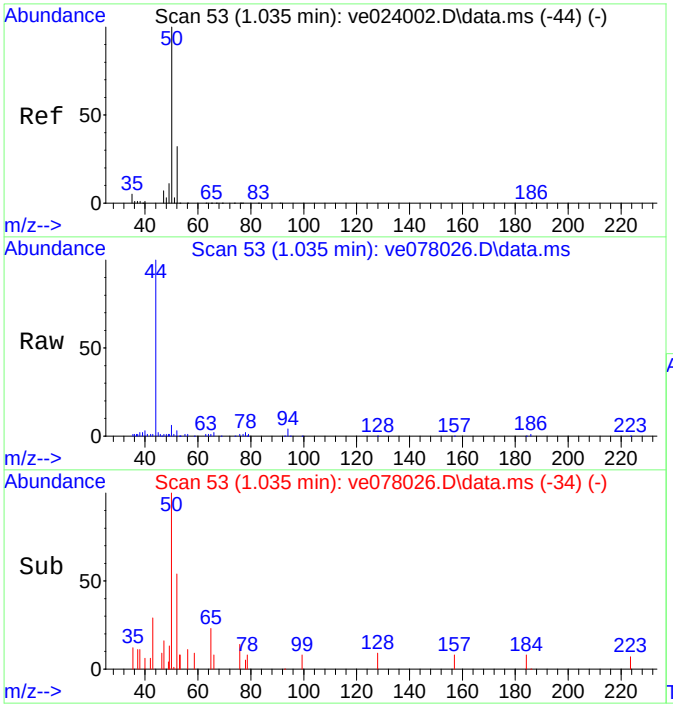
Compound		R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD		4.320	168	890340	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...		5.078	114	1256645	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD		7.948	82	601348	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...		10.215	152	599109	30.00	UG/L	0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4	SS	4.236	65	340380	21.26	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130			Recovery = 85.04%			
48) TOLUENE SS		6.693	98	1229482	24.82	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130			Recovery = 99.28%			
70) 4-BROMOFLUOROBENZENE SS		9.057	95	453686	25.36	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130			Recovery = 101.44%			
Target Compounds							Qvalue
5) CHLOROMETHANE		1.035	50	2364	0.22	UG/L #	80
22) METHYLENE CHLORIDE		2.117	49	543	Below Cal	#	24
23) CARBON DISULFIDE		2.220	76	2878	Below Cal		100
42) CYCLOHEXANE		4.635	56	9992	0.70	UG/L #	74
45) BENZENE		4.780	78	14927	0.46	UG/L	100
49) 1,2-DICHLOROETHANE		4.320	62	3580	0.32	UG/L #	1
50) METHYL METHACRYLATE		5.842	41	8804	0.94	UG/L #	77
52) METHYLCYCLOHEXANE		5.842	83	23300	1.82	UG/L #	81
60) TOLUENE		6.754	91	42401	1.29	UG/L	100
74) M/P-XYLENES		8.383	91	32213	1.17	UG/L	96
75) 0-XYLENE		8.723	91	10715	0.40	UG/L	98
86) 1,3,5-TRIMETHYLBENZENE		9.752	105	6574	0.23	UG/L	97
90) 1,2,4-TRIMETHYLBENZENE		10.084	105	16785	0.56	UG/L	96

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

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078026.D
Acq On : 19 Mar 2013 9:43 pm
Operator :
Sample : 13C0408-12 Inst : GCMSVOA5
Misc : 1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 21 09:55:42 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

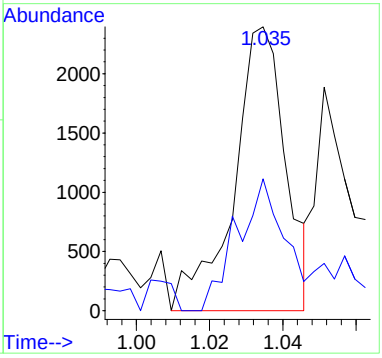


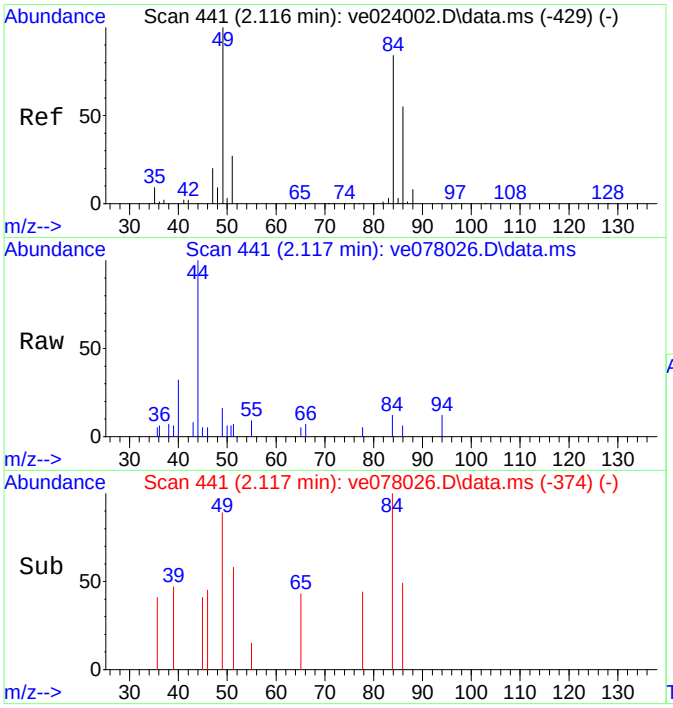


#5
CHLOROMETHANE
Concen: 0.22 UG/L
RT: 1.035 min Scan# 53
Delta R.T. -0.000 min
Lab File: ve078026.D
Acq: 19 Mar 2013 9:43 pm

Tgt Ion: 50 Resp: 2364

Ion	Ratio	Lower	Upper
50	100		
52	44.9	26.6	40.0#

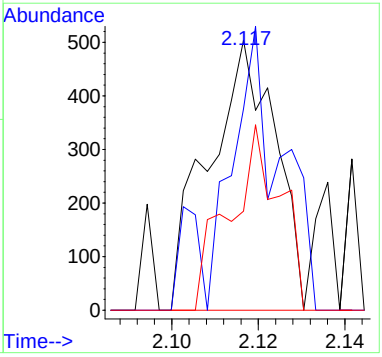


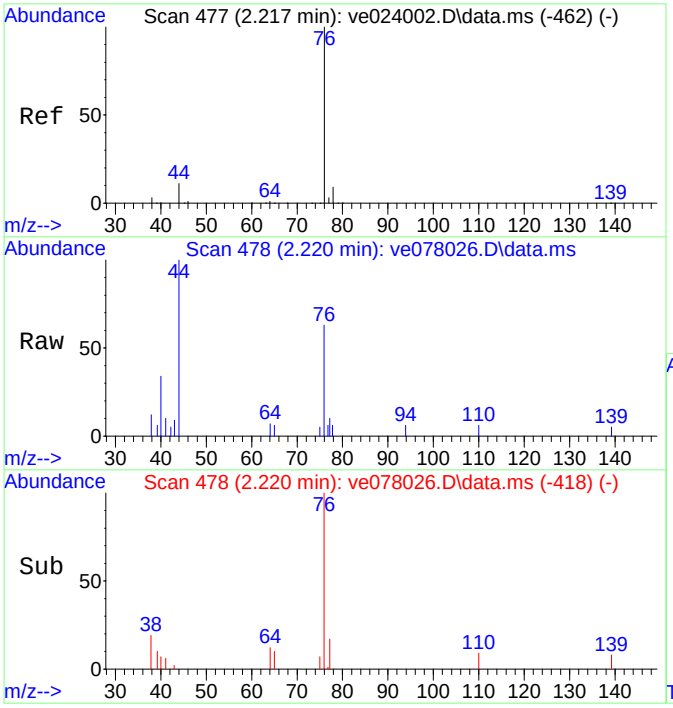


#22
METHYLENE CHLORIDE
Concen: Below Cal
RT: 2.117 min Scan# 441
Delta R.T. -0.002 min
Lab File: ve078026.D
Acq: 19 Mar 2013 9:43 pm

Tgt Ion: 49 Resp: 543

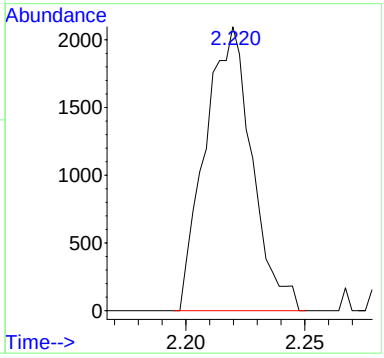
Ion	Ratio	Lower	Upper
49	100		
84	0.0	52.4	78.6#
86	0.0	32.2	48.2#

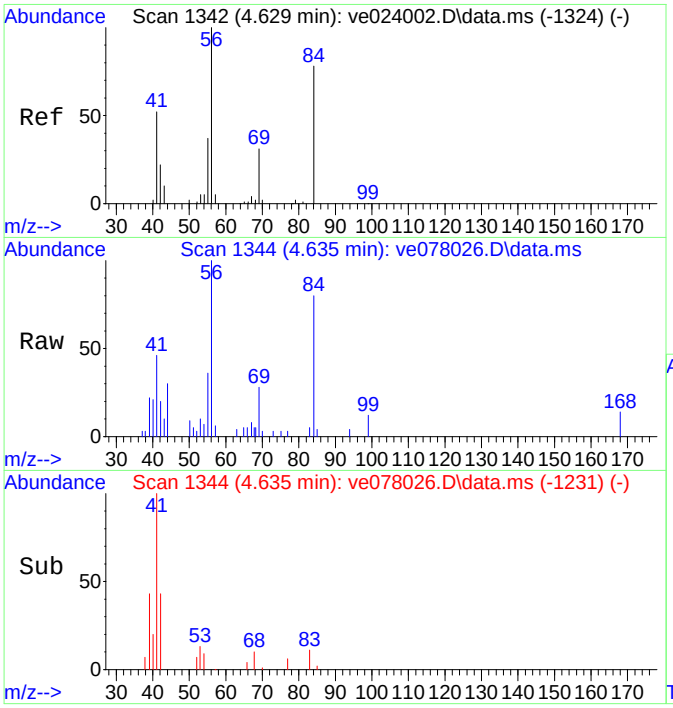




#23
CARBON DISULFIDE
Concen: Below Cal
RT: 2.220 min Scan# 478
Delta R.T. 0.003 min
Lab File: ve078026.D
Acq: 19 Mar 2013 9:43 pm

Tgt Ion: 76 Resp: 2878

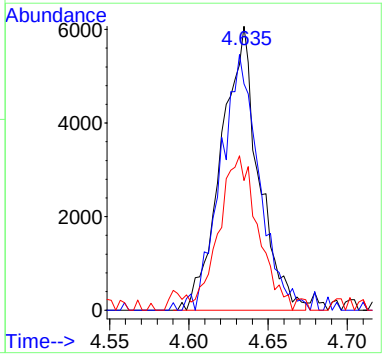


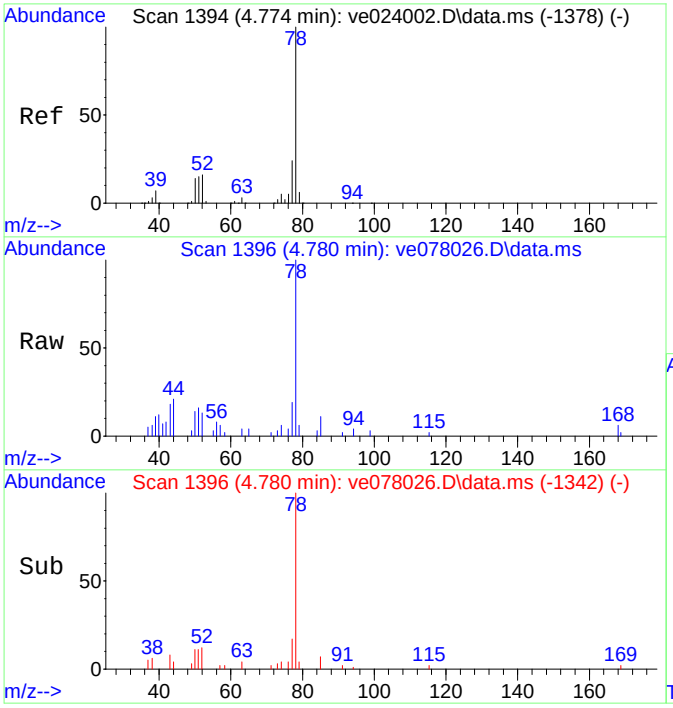


#42
CYCLOHEXANE
Concen: 0.70 UG/L
RT: 4.635 min Scan# 1344
Delta R.T. 0.003 min
Lab File: ve078026.D
Acq: 19 Mar 2013 9:43 pm

Tgt Ion: 56 Resp: 9992

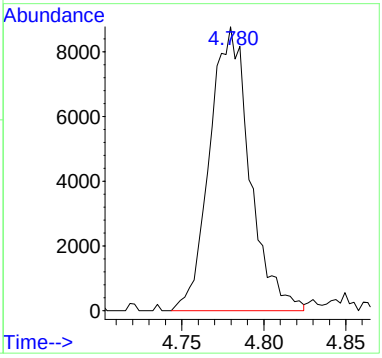
Ion	Ratio	Lower	Upper
56	100		
84	92.9	51.0	76.4#
41	56.6	39.0	58.6

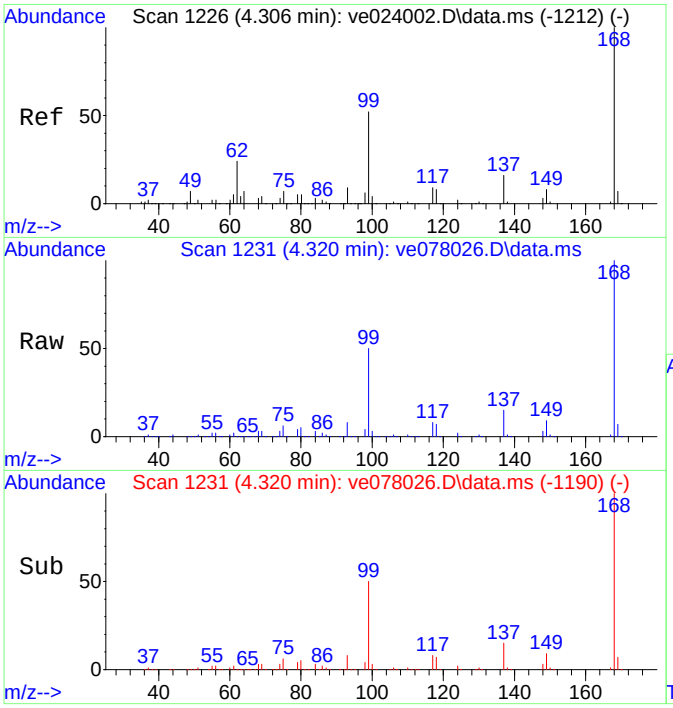




#45
BENZENE
Concen: 0.46 UG/L
RT: 4.780 min Scan# 1396
Delta R.T. 0.003 min
Lab File: ve078026.D
Acq: 19 Mar 2013 9:43 pm

Tgt Ion: 78 Resp: 14927

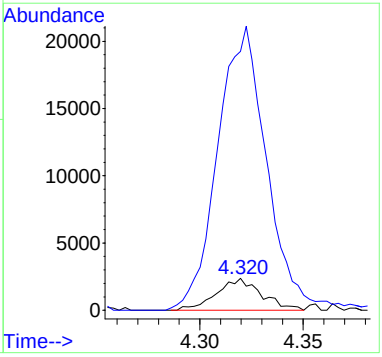


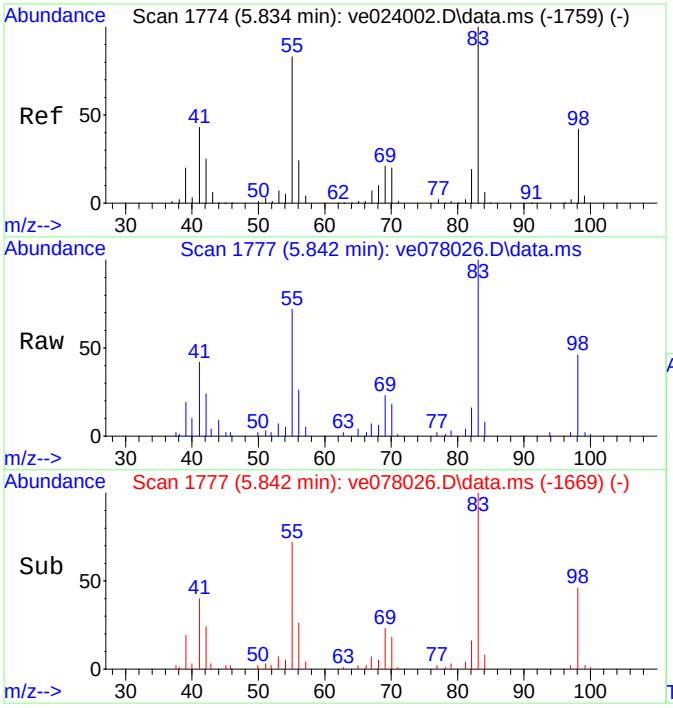


#49
1,2-DICHLOROETHANE
Concen: 0.32 UG/L
RT: 4.320 min Scan# 1231
Delta R.T. 0.011 min
Lab File: ve078026.D
Acq: 19 Mar 2013 9:43 pm

Tgt Ion: 62 Resp: 3580

Ion	Ratio	Lower	Upper
62	100		
98	971.4	22.7	34.1#

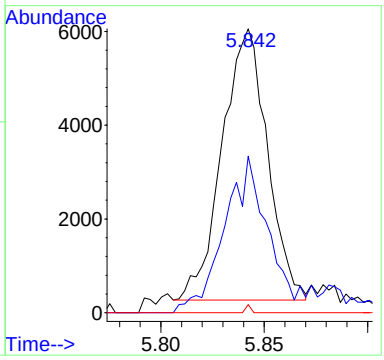


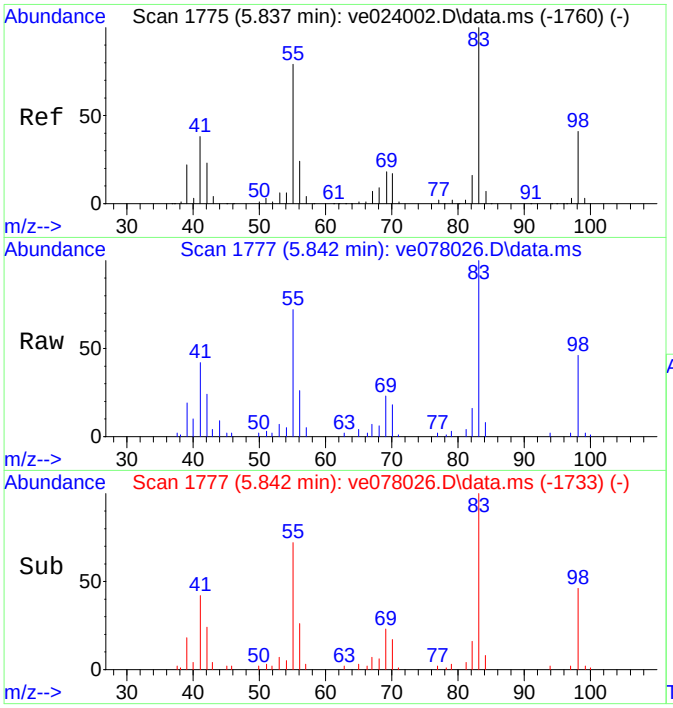


#50
METHYL METHACRYLATE
Concen: 0.94 UG/L
RT: 5.842 min Scan# 1777
Delta R.T. 0.000 min
Lab File: ve078026.D
Acq: 19 Mar 2013 9:43 pm

Tgt Ion: 41 Resp: 8804

Ion	Ratio	Lower	Upper
41	100		
69	54.5	50.4	75.6
100	0.0	21.6	32.4#

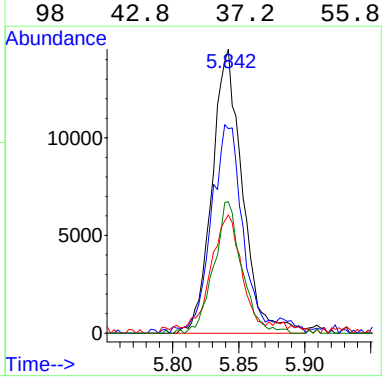


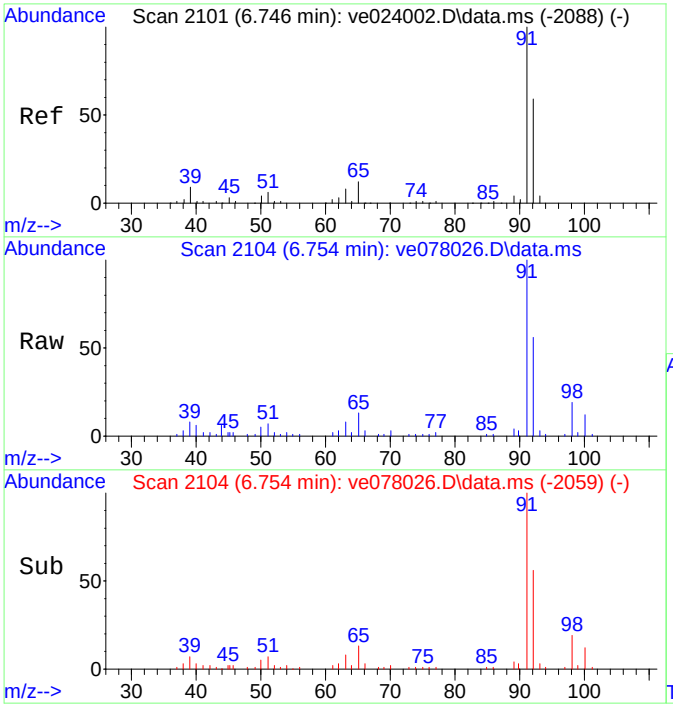


#52
METHYLCYCLOHEXANE
Concen: 1.82 UG/L
RT: 5.842 min Scan# 1777
Delta R.T. 0.000 min
Lab File: ve078026.D
Acq: 19 Mar 2013 9:43 pm

Tgt Ion: 83 Resp: 23300

Ion	Ratio	Lower	Upper
83	100		
55	70.7	78.9	118.3#
41	37.8	37.6	56.4
98	42.8	37.2	55.8

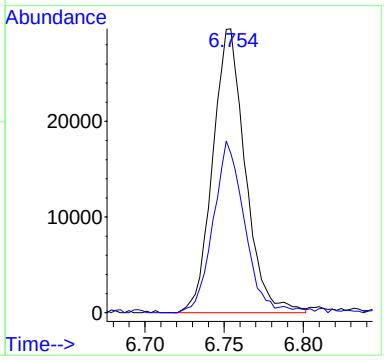


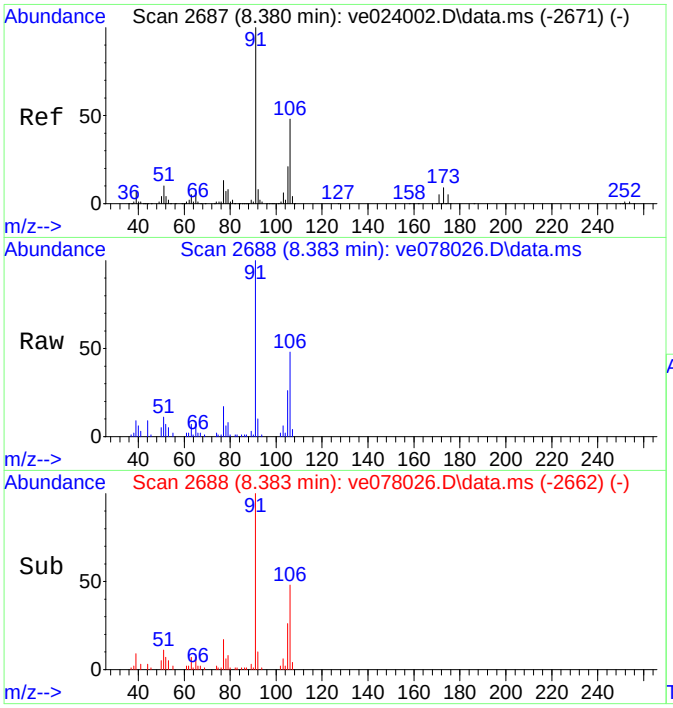


#60
TOLUENE
Concen: 1.29 UG/L
RT: 6.754 min Scan# 2104
Delta R.T. 0.003 min
Lab File: ve078026.D
Acq: 19 Mar 2013 9:43 pm

Tgt Ion: 91 Resp: 42401

Ion	Ratio	Lower	Upper
91	100		
92	58.5	46.6	70.0

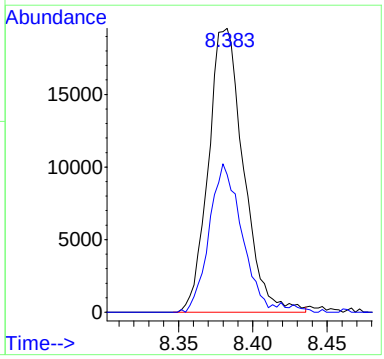


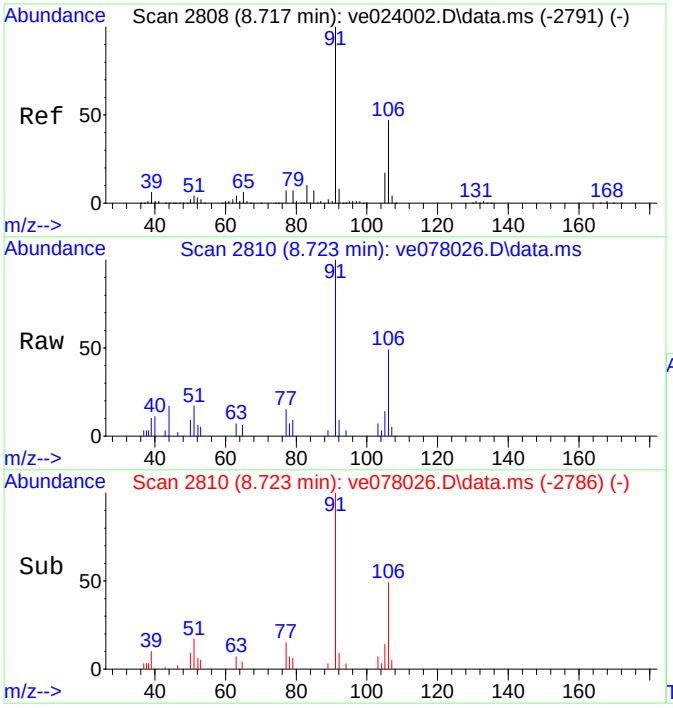


#74
M/P-XYLENES
Concen: 1.17 UG/L
RT: 8.383 min Scan# 2688
Delta R.T. -0.000 min
Lab File: ve078026.D
Acq: 19 Mar 2013 9:43 pm

Tgt Ion: 91 Resp: 32213

Ion	Ratio	Lower	Upper
91	100		
106	48.3	40.8	61.2

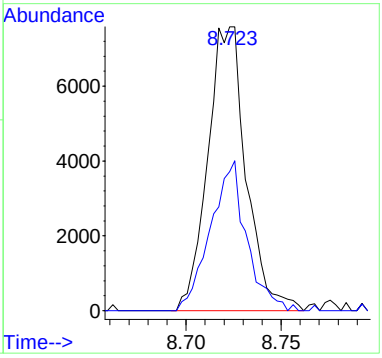


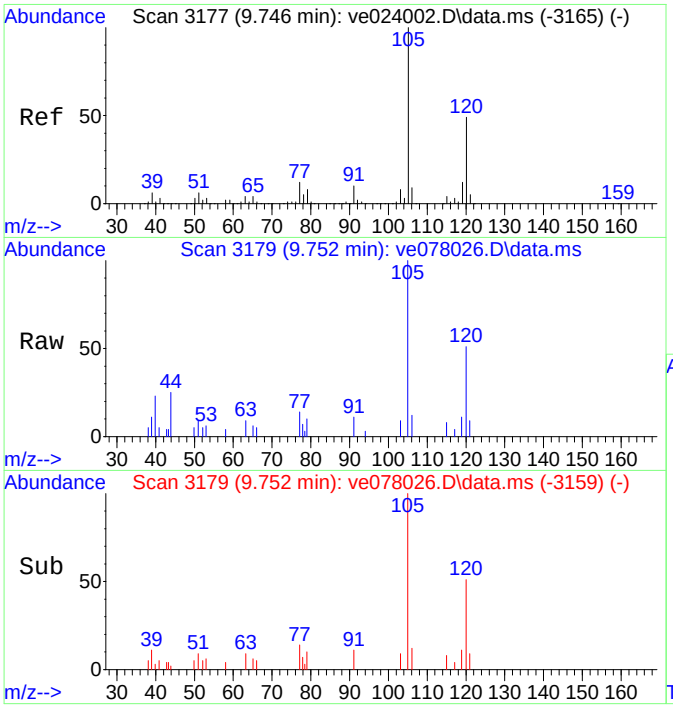


#75
0-XYLENE
Concen: 0.40 UG/L
RT: 8.723 min Scan# 2810
Delta R.T. 0.003 min
Lab File: ve078026.D
Acq: 19 Mar 2013 9:43 pm

Tgt Ion: 91 Resp: 10715

Ion	Ratio	Lower	Upper
91	100		
106	49.2	40.5	60.7

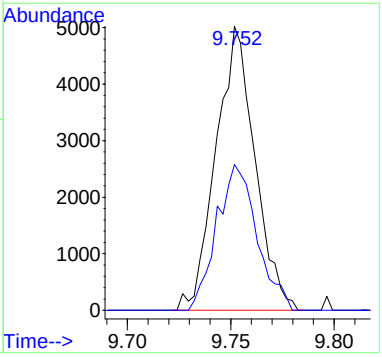


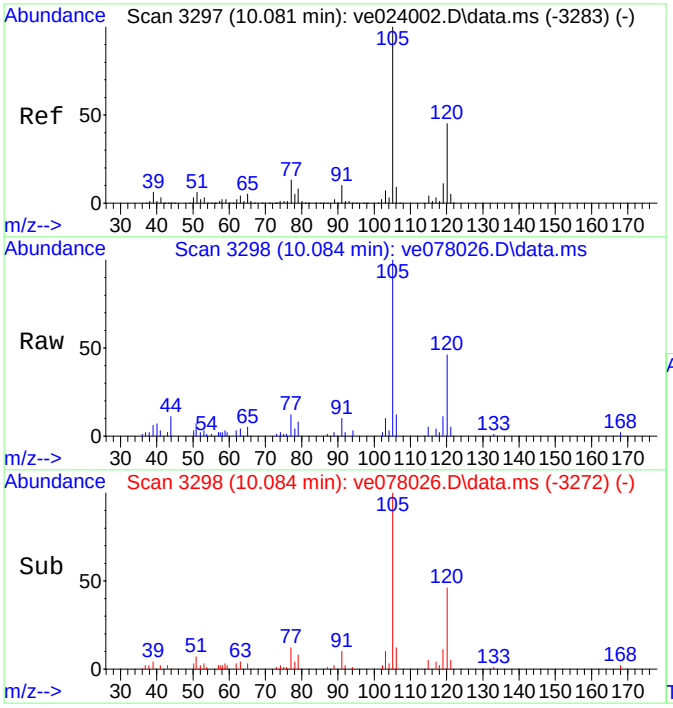


#86
1,3,5-TRIMETHYLBENZENE
Concen: 0.23 UG/L
RT: 9.752 min Scan# 3179
Delta R.T. -0.000 min
Lab File: ve078026.D
Acq: 19 Mar 2013 9:43 pm

Tgt Ion:105 Resp: 6574

Ion	Ratio	Lower	Upper
105	100		
120	52.9	40.9	61.3

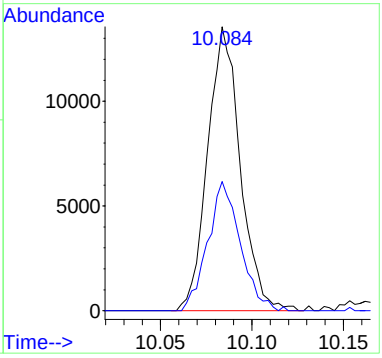




#90
1,2,4-TRIMETHYLBENZENE
Concen: 0.56 UG/L
RT: 10.084 min Scan# 3298
Delta R.T. -0.003 min
Lab File: ve078026.D
Acq: 19 Mar 2013 9:43 pm

Tgt Ion:105 Resp: 16785

Ion	Ratio	Lower	Upper
105	100		
120	45.3	38.5	57.7



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VOLATILES QC SUMMARY

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2 - FORM II

SYSTEM MONITORING COMPOUND SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	13C0408
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Water	Instrument:	GCMSVOA5

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
13C0408-01	92.4	105	97.4
13C0408-02	94.7	105	99.1
13C0408-03	91.4	102	98.4
13C0408-04	92.8	103	97.3
13C0408-05	91.1	104	97.3
13C0408-06	85.4	104	95.1
13C0408-07	90.9	104	99.7
13C0408-08	91.3	105	97.3
13C0408-09	90.4	104	96.7
13C0408-10	88.2	101	98.3
13C0408-11	86.6	104	97.2
13C0408-12	85.0	101	99.3
B069146-BLK1	91.5	104	95.0
B069146-BS1	93.4	104	97.3
B069146-BSD1	92.9	106	97.9
B069146-MS1	88.5	102	99.0
B069146-MSD1	87.1	102	99.6

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

B-44_3-13-13

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13C0408
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B069146	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B069146-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	13C0408-09
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.		QC LIMITS REC.
Acetone	100	ND	49.8	49.8	*	70 - 130
Acrylonitrile	10.0	ND	5.52	55.2	*	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	ND	9.12	91.2		70 - 130
Benzene	10.0	ND	10.8	108		70 - 130
Bromobenzene	10.0	ND	10.6	106		70 - 130
Bromochloromethane	10.0	ND	8.53	85.3		70 - 130
Bromodichloromethane	10.0	ND	10.5	105		70 - 130
Bromoform	10.0	ND	7.87	78.7		70 - 130
Bromomethane	10.0	ND	11.5	115		70 - 130
2-Butanone (MEK)	100	ND	43.1	43.1	*	70 - 130
tert-Butyl Alcohol (TBA)	100	ND	49.6	49.6	*	70 - 130
n-Butylbenzene	10.0	ND	9.87	98.7		70 - 130
sec-Butylbenzene	10.0	ND	11.4	114		70 - 130
tert-Butylbenzene	10.0	ND	12.2	122		70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	ND	9.51	95.1		70 - 130
Carbon Disulfide	10.0	ND	8.23	82.3		70 - 130
Carbon Tetrachloride	10.0	ND	10.9	109		70 - 130
Chlorobenzene	10.0	ND	12.7	127		70 - 130
Chlorodibromomethane	10.0	ND	9.82	98.2		70 - 130
Chloroethane	10.0	ND	11.3	113		70 - 130
Chloroform	10.0	ND	11.2	112		70 - 130
Chloromethane	10.0	ND	8.47	84.7		70 - 130
2-Chlorotoluene	10.0	ND	12.6	126		70 - 130
4-Chlorotoluene	10.0	ND	12.0	120		70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	ND	4.67	46.7	*	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

B-44_3-13-13

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13C0408
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B069146	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B069146-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	13C0408-09
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.		QC LIMITS REC.
1,2-Dibromoethane (EDB)	10.0	ND	9.40	94.0		70 - 130
Dibromomethane	10.0	ND	9.78	97.8		70 - 130
1,2-Dichlorobenzene	10.0	ND	10.7	107		70 - 130
1,3-Dichlorobenzene	10.0	ND	11.7	117		70 - 130
1,4-Dichlorobenzene	10.0	ND	10.6	106		70 - 130
trans-1,4-Dichloro-2-butene	10.0	ND	4.61	46.1	*	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	ND	7.26	72.6		70 - 130
1,1-Dichloroethane	10.0	ND	10.2	102		70 - 130
1,2-Dichloroethane	10.0	ND	9.91	99.1		70 - 130
1,1-Dichloroethylene	10.0	ND	9.90	99.0		70 - 130
cis-1,2-Dichloroethylene	10.0	ND	9.69	96.9		70 - 130
trans-1,2-Dichloroethylene	10.0	ND	10.8	108		70 - 130
1,2-Dichloropropane	10.0	ND	9.88	98.8		70 - 130
1,3-Dichloropropane	10.0	ND	9.50	95.0		70 - 130
2,2-Dichloropropane	10.0	ND	9.80	98.0		70 - 130
1,1-Dichloropropene	10.0	ND	11.4	114		70 - 130
cis-1,3-Dichloropropene	10.0	ND	9.47	94.7		70 - 130
trans-1,3-Dichloropropene	10.0	ND	9.46	94.6		70 - 130
Diethyl Ether	10.0	ND	8.62	86.2		70 - 130
Diisopropyl Ether (DIPE)	10.0	ND	9.18	91.8		70 - 130
1,4-Dioxane	100	ND	62.4	62.4	*	70 - 130
Ethylbenzene	10.0	ND	11.7	117		70 - 130
Hexachlorobutadiene	10.0	ND	9.13	91.3		70 - 130
2-Hexanone (MBK)	100	ND	49.1	49.1	*	70 - 130
Isopropylbenzene (Cumene)	10.0	ND	12.6	126		70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

B-44_3-13-13

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13C0408
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B069146	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B069146-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	13C0408-09
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.		QC LIMITS REC.
p-Isopropyltoluene (p-Cymene)	10.0	ND	11.7	117		70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	ND	9.26	92.6		70 - 130
Methylene Chloride	10.0	ND	5.79	57.9	*	70 - 130
4-Methyl-2-pentanone (MIBK)	100	ND	52.1	52.1	*	70 - 130
Naphthalene	10.0	ND	4.79	47.9	*	70 - 130
n-Propylbenzene	10.0	ND	12.2	122		70 - 130
Styrene	10.0	ND	11.5	115		70 - 130
1,1,1,2-Tetrachloroethane	10.0	ND	11.0	110		70 - 130
1,1,2,2-Tetrachloroethane	10.0	ND	7.59	75.9		70 - 130
Tetrachloroethylene	10.0	ND	12.6	126		70 - 130
Tetrahydrofuran	10.0	ND	4.94	49.4	*	70 - 130
Toluene	10.0	0.820	12.4	115		70 - 130
1,2,3-Trichlorobenzene	10.0	ND	5.48	54.8	*	70 - 130
1,2,4-Trichlorobenzene	10.0	ND	7.28	72.8		70 - 130
1,3,5-Trichlorobenzene	10.0	ND	9.53	95.3		70 - 130
1,1,1-Trichloroethane	10.0	ND	11.8	118		70 - 130
1,1,2-Trichloroethane	10.0	ND	9.31	93.1		70 - 130
Trichloroethylene	10.0	ND	11.2	112		70 - 130
Trichlorofluoromethane (Freon 11)	10.0	ND	12.8	128		70 - 130
1,2,3-Trichloropropane	10.0	ND	6.94	69.4	*	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	ND	12.1	121		70 - 130
1,2,4-Trimethylbenzene	10.0	ND	11.1	111		70 - 130
1,3,5-Trimethylbenzene	10.0	ND	11.4	114		70 - 130
Vinyl Chloride	10.0	ND	11.1	111		70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

B-44_3-13-13

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13C0408
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B069146	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B069146-MS1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	13C0408-09
Column:			

ANALYTE	SPIKE ADDED (µg/L)	SAMPLE CONCENTRATION (µg/L)	MS CONCENTRATION (µg/L)	MS % REC.	QC LIMITS REC.
m+p Xylene	20.0	0.770	25.1	122	70 - 130
o-Xylene	10.0	ND	12.6	126	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

B-44_3-13-13

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13C0408
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B069146	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B069146-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	13C0408-09
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	51.1	51.1	*	2.46	30	70 - 130
Acrylonitrile	10.0	5.56	55.6	*	0.722	30	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	8.12	81.2		11.6	30	70 - 130
Benzene	10.0	10.8	108		0.278	30	70 - 130
Bromobenzene	10.0	10.6	106		0.0941	30	70 - 130
Bromochloromethane	10.0	8.34	83.4		2.25	30	70 - 130
Bromodichloromethane	10.0	10.2	102		3.20	30	70 - 130
Bromoform	10.0	7.96	79.6		1.14	30	70 - 130
Bromomethane	10.0	11.0	110		3.90	30	70 - 130
2-Butanone (MEK)	100	43.5	43.5	*	0.878	30	70 - 130
tert-Butyl Alcohol (TBA)	100	52.5	52.5	*	5.74	30	70 - 130
n-Butylbenzene	10.0	9.66	96.6		2.15	30	70 - 130
sec-Butylbenzene	10.0	11.2	112		1.33	30	70 - 130
tert-Butylbenzene	10.0	12.0	120		1.81	30	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	8.57	85.7		10.4	30	70 - 130
Carbon Disulfide	10.0	7.95	79.5		3.46	30	70 - 130
Carbon Tetrachloride	10.0	10.4	104		4.32	30	70 - 130
Chlorobenzene	10.0	12.8	128		0.626	30	70 - 130
Chlorodibromomethane	10.0	9.65	96.5		1.75	30	70 - 130
Chloroethane	10.0	10.7	107		5.38	30	70 - 130
Chloroform	10.0	10.9	109		3.26	30	70 - 130
Chloromethane	10.0	7.50	75.0		12.1	30	70 - 130
2-Chlorotoluene	10.0	12.4	124		1.52	30	70 - 130
4-Chlorotoluene	10.0	12.2	122		1.56	30	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	4.68	46.8	*	0.214	30	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

B-44_3-13-13

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13C0408
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B069146	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B069146-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	13C0408-09
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
1,2-Dibromoethane (EDB)	10.0	9.44	94.4		0.425	30	70 - 130
Dibromomethane	10.0	9.60	96.0		1.86	30	70 - 130
1,2-Dichlorobenzene	10.0	10.8	108		0.279	30	70 - 130
1,3-Dichlorobenzene	10.0	11.4	114		2.08	30	70 - 130
1,4-Dichlorobenzene	10.0	10.6	106		0.376	30	70 - 130
trans-1,4-Dichloro-2-butene	10.0	4.64	46.4	*	0.649	30	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	7.07	70.7		2.65	30	70 - 130
1,1-Dichloroethane	10.0	9.94	99.4		3.07	30	70 - 130
1,2-Dichloroethane	10.0	9.70	97.0		2.14	30	70 - 130
1,1-Dichloroethylene	10.0	9.46	94.6		4.55	30	70 - 130
cis-1,2-Dichloroethylene	10.0	9.59	95.9		1.04	30	70 - 130
trans-1,2-Dichloroethylene	10.0	10.3	103		4.27	30	70 - 130
1,2-Dichloropropane	10.0	9.46	94.6		4.34	30	70 - 130
1,3-Dichloropropane	10.0	9.23	92.3		2.88	30	70 - 130
2,2-Dichloropropane	10.0	8.87	88.7		9.96	30	70 - 130
1,1-Dichloropropene	10.0	10.9	109		4.56	30	70 - 130
cis-1,3-Dichloropropene	10.0	9.27	92.7		2.13	30	70 - 130
trans-1,3-Dichloropropene	10.0	9.13	91.3		3.55	30	70 - 130
Diethyl Ether	10.0	8.24	82.4		4.51	30	70 - 130
Diisopropyl Ether (DIPE)	10.0	8.99	89.9		2.09	30	70 - 130
1,4-Dioxane	100	60.0	60.0	*	3.98	30	70 - 130
Ethylbenzene	10.0	11.9	119		1.70	30	70 - 130
Hexachlorobutadiene	10.0	9.13	91.3		0.00	30	70 - 130
2-Hexanone (MBK)	100	48.3	48.3	*	1.52	30	70 - 130
Isopropylbenzene (Cumene)	10.0	12.6	126		0.477	30	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

B-44_3-13-13

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13C0408
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B069146	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B069146-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	13C0408-09
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #		% RPD	QC LIMITS RPD	QC LIMITS REC.
p-Isopropyltoluene (p-Cymene)	10.0	11.4	114		2.25	30	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	8.53	85.3		8.21	30	70 - 130
Methylene Chloride	10.0	5.38	53.8	*	7.34	30	70 - 130
4-Methyl-2-pentanone (MIBK)	100	52.1	52.1	*	0.0192	30	70 - 130
Naphthalene	10.0	5.49	54.9	*	13.6	30	70 - 130
n-Propylbenzene	10.0	12.4	124		2.03	30	70 - 130
Styrene	10.0	11.5	115		0.347	30	70 - 130
1,1,1,2-Tetrachloroethane	10.0	10.9	109		1.37	30	70 - 130
1,1,2,2-Tetrachloroethane	10.0	7.64	76.4		0.657	30	70 - 130
Tetrachloroethylene	10.0	12.1	121		3.81	30	70 - 130
Tetrahydrofuran	10.0	5.68	56.8	*	13.9	30	70 - 130
Toluene	10.0	12.5	117		1.45	30	70 - 130
1,2,3-Trichlorobenzene	10.0	6.13	61.3	*	11.2	30	70 - 130
1,2,4-Trichlorobenzene	10.0	7.67	76.7		5.22	30	70 - 130
1,3,5-Trichlorobenzene	10.0	9.45	94.5		0.843	30	70 - 130
1,1,1-Trichloroethane	10.0	11.4	114		3.11	30	70 - 130
1,1,2-Trichloroethane	10.0	9.31	93.1		0.00	30	70 - 130
Trichloroethylene	10.0	11.0	110		1.98	30	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	12.2	122		4.40	30	70 - 130
1,2,3-Trichloropropane	10.0	7.13	71.3		2.70	30	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.8	118		2.34	30	70 - 130
1,2,4-Trimethylbenzene	10.0	10.8	108		2.56	30	70 - 130
1,3,5-Trimethylbenzene	10.0	11.7	117		2.51	30	70 - 130
Vinyl Chloride	10.0	10.9	109		1.72	30	70 - 130

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3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

B-44_3-13-13

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13C0408
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Water	Analysis:	SW-846 8260C
Batch:	B069146	Preparation:	SW-846 5030B
% Solids:		Laboratory ID:	B069146-MSD1
Initial/Final:	5 mL / 5 mL	Sample Lab ID:	13C0408-09
Column:			

ANALYTE	SPIKE ADDED (µg/L)	MSD CONCENTRATION (µg/L)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
m+p Xylene	20.0	25.1	122	0.0797	20	70 - 130
o-Xylene	10.0	12.8	128	1.89	30	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13C0408
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B069146	Laboratory ID:	B069146-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
Acetone	100	74.4	74.4	70 - 160
Acrylonitrile	10.0	8.60	86.0	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.5	105	70 - 130
Benzene	10.0	10.8	108	70 - 130
Bromobenzene	10.0	11.2	112	70 - 130
Bromochloromethane	10.0	8.79	87.9	70 - 130
Bromodichloromethane	10.0	10.1	101	70 - 130
Bromoform	10.0	9.88	98.8	70 - 130
Bromomethane	10.0	8.16	81.6	40 - 160
2-Butanone (MEK)	100	70.3	70.3	40 - 160
tert-Butyl Alcohol (TBA)	100	76.8	76.8	40 - 160
n-Butylbenzene	10.0	10.3	103	70 - 130
sec-Butylbenzene	10.0	11.6	116	70 - 130
tert-Butylbenzene	10.0	12.0	120	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	10.4	104	70 - 130
Carbon Disulfide	10.0	8.82	88.2	70 - 130
Carbon Tetrachloride	10.0	10.6	106	70 - 130
Chlorobenzene	10.0	12.7	127	70 - 130
Chlorodibromomethane	10.0	10.3	103	70 - 130
Chloroethane	10.0	10.5	105	70 - 130
Chloroform	10.0	11.2	112	70 - 130
Chloromethane	10.0	7.26	72.6	40 - 160
2-Chlorotoluene	10.0	12.8	128	70 - 130
4-Chlorotoluene	10.0	12.7	127	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	7.49	74.9	70 - 130
1,2-Dibromoethane (EDB)	10.0	11.0	110	70 - 130
Dibromomethane	10.0	10.5	105	70 - 130
1,2-Dichlorobenzene	10.0	11.7	117	70 - 130
1,3-Dichlorobenzene	10.0	12.2	122	70 - 130
1,4-Dichlorobenzene	10.0	11.0	110	70 - 130
trans-1,4-Dichloro-2-butene	10.0	7.02	70.2	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13C0408
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B069146	Laboratory ID:	B069146-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
Dichlorodifluoromethane (Freon 12)	10.0	7.40	74.0	40 - 160
1,1-Dichloroethane	10.0	10.4	104	70 - 130
1,2-Dichloroethane	10.0	9.97	99.7	70 - 130
1,1-Dichloroethylene	10.0	9.74	97.4	70 - 130
cis-1,2-Dichloroethylene	10.0	9.82	98.2	70 - 130
trans-1,2-Dichloroethylene	10.0	10.6	106	70 - 130
1,2-Dichloropropane	10.0	9.43	94.3	70 - 130
1,3-Dichloropropane	10.0	10.3	103	70 - 130
2,2-Dichloropropane	10.0	11.2	112	40 - 130
1,1-Dichloropropene	10.0	11.3	113	70 - 130
cis-1,3-Dichloropropene	10.0	10.0	100	70 - 130
trans-1,3-Dichloropropene	10.0	10.3	103	70 - 130
Diethyl Ether	10.0	9.08	90.8	70 - 130
Diisopropyl Ether (DIPE)	10.0	9.54	95.4	70 - 130
1,4-Dioxane	100	89.8	89.8	40 - 130
Ethylbenzene	10.0	11.5	115	70 - 130
Hexachlorobutadiene	10.0	11.0	110	70 - 130
2-Hexanone (MBK)	100	71.7	71.7	70 - 160
Isopropylbenzene (Cumene)	10.0	12.8	128	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	12.1	121	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	10.8	108	70 - 130
Methylene Chloride	10.0	7.17	71.7	70 - 130
4-Methyl-2-pentanone (MIBK)	100	73.5	73.5	70 - 160
Naphthalene	10.0	9.55	95.5	40 - 130
n-Propylbenzene	10.0	12.6	126	70 - 130
Styrene	10.0	12.1	121	70 - 130
1,1,1,2-Tetrachloroethane	10.0	11.1	111	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.2	102	70 - 130
Tetrachloroethylene	10.0	12.3	123	70 - 130
Tetrahydrofuran	10.0	7.66	76.6	70 - 130
Toluene	10.0	11.4	114	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13C0408
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B069146	Laboratory ID:	B069146-BS1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
1,2,3-Trichlorobenzene	10.0	9.89	98.9	70 - 130
1,2,4-Trichlorobenzene	10.0	10.6	106	70 - 130
1,3,5-Trichlorobenzene	10.0	11.5	115	70 - 130
1,1,1-Trichloroethane	10.0	11.4	114	70 - 130
1,1,2-Trichloroethane	10.0	10.2	102	70 - 130
Trichloroethylene	10.0	10.9	109	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	11.9	119	70 - 130
1,2,3-Trichloropropane	10.0	9.60	96.0	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	12.4	124	70 - 130
1,2,4-Trimethylbenzene	10.0	10.9	109	70 - 130
1,3,5-Trimethylbenzene	10.0	11.6	116	70 - 130
Vinyl Chloride	10.0	10.4	104	40 - 160
m+p Xylene	20.0	24.8	124	70 - 130
o-Xylene	10.0	12.7	127	70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Acetone	100	78.2	78.2	4.99	25	70 - 160
Acrylonitrile	10.0	8.15	81.5	5.37	25	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.7	107	2.17	25	70 - 130
Benzene	10.0	10.3	103	5.10	25	70 - 130
Bromobenzene	10.0	11.2	112	0.357	25	70 - 130
Bromochloromethane	10.0	8.67	86.7	1.37	25	70 - 130
Bromodichloromethane	10.0	9.97	99.7	1.30	25	70 - 130
Bromoform	10.0	10.2	102	2.89	25	70 - 130
Bromomethane	10.0	9.82	98.2	18.5	25	40 - 160
2-Butanone (MEK)	100	73.6	73.6	4.52	25	40 - 160
tert-Butyl Alcohol (TBA)	100	83.7	83.7	8.67	25	40 - 160
n-Butylbenzene	10.0	9.90	99.0	4.35	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13C0408
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B069146	Laboratory ID:	B069146-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
sec-Butylbenzene	10.0	11.0	110	5.76	25	70 - 130
tert-Butylbenzene	10.0	11.8	118	1.52	25	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	10.3	103	1.64	25	70 - 130
Carbon Disulfide	10.0	7.65	76.5	14.2	25	70 - 130
Carbon Tetrachloride	10.0	10.1	101	4.93	25	70 - 130
Chlorobenzene	10.0	12.6	126	0.554	25	70 - 130
Chlorodibromomethane	10.0	10.6	106	2.88	25	70 - 130
Chloroethane	10.0	10.2	102	3.48	25	70 - 130
Chloroform	10.0	10.7	107	4.76	25	70 - 130
Chloromethane	10.0	7.27	72.7	0.138	25	40 - 160
2-Chlorotoluene	10.0	12.4	124	3.17	25	70 - 130
4-Chlorotoluene	10.0	12.4	124	2.63	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	7.91	79.1	5.45	25	70 - 130
1,2-Dibromoethane (EDB)	10.0	11.3	113	2.70	25	70 - 130
Dibromomethane	10.0	10.6	106	1.52	25	70 - 130
1,2-Dichlorobenzene	10.0	11.4	114	2.51	25	70 - 130
1,3-Dichlorobenzene	10.0	11.8	118	3.57	25	70 - 130
1,4-Dichlorobenzene	10.0	10.9	109	0.640	25	70 - 130
trans-1,4-Dichloro-2-butene	10.0	7.48	74.8	6.34	25	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	6.89	68.9	7.14	25	40 - 160
1,1-Dichloroethane	10.0	9.90	99.0	4.83	25	70 - 130
1,2-Dichloroethane	10.0	9.97	99.7	0.00	25	70 - 130
1,1-Dichloroethylene	10.0	9.02	90.2	7.68	25	70 - 130
cis-1,2-Dichloroethylene	10.0	9.27	92.7	5.76	25	70 - 130
trans-1,2-Dichloroethylene	10.0	9.95	99.5	6.33	25	70 - 130
1,2-Dichloropropane	10.0	9.65	96.5	2.31	25	70 - 130
1,3-Dichloropropane	10.0	10.1	101	1.87	25	70 - 130
2,2-Dichloropropane	10.0	10.7	107	4.67	25	40 - 130
1,1-Dichloropropene	10.0	10.6	106	6.22	25	70 - 130

con-test® ANALYTICAL LABORATORY
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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13C0408
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B069146	Laboratory ID:	B069146-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
cis-1,3-Dichloropropene	10.0	9.95	99.5		0.501	25	70 - 130
trans-1,3-Dichloropropene	10.0	10.6	106		2.67	25	70 - 130
Diethyl Ether	10.0	8.66	86.6		4.74	25	70 - 130
Diisopropyl Ether (DIPE)	10.0	9.30	93.0		2.55	25	70 - 130
1,4-Dioxane	100	90.2	90.2		0.444	50	40 - 130
Ethylbenzene	10.0	11.8	118		2.14	25	70 - 130
Hexachlorobutadiene	10.0	10.5	105		4.66	25	70 - 130
2-Hexanone (MBK)	100	78.8	78.8		9.34	25	70 - 160
Isopropylbenzene (Cumene)	10.0	12.6	126		1.10	25	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	11.2	112		8.05	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	11.2	112		3.28	25	70 - 130
Methylene Chloride	10.0	6.63	66.3	*	7.83	25	70 - 130
4-Methyl-2-pentanone (MIBK)	100	79.8	79.8		8.19	25	70 - 160
Naphthalene	10.0	10.4	104		8.90	25	40 - 130
n-Propylbenzene	10.0	12.4	124		1.84	25	70 - 130
Styrene	10.0	11.6	116		3.80	25	70 - 130
1,1,1,2-Tetrachloroethane	10.0	11.0	110		0.908	25	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.6	106		3.95	25	70 - 130
Tetrachloroethylene	10.0	12.1	121		1.97	25	70 - 130
Tetrahydrofuran	10.0	8.33	83.3		8.38	25	70 - 130
Toluene	10.0	11.0	110		3.83	25	70 - 130
1,2,3-Trichlorobenzene	10.0	10.5	105		5.60	25	70 - 130
1,2,4-Trichlorobenzene	10.0	10.7	107		0.375	25	70 - 130
1,3,5-Trichlorobenzene	10.0	10.9	109		5.81	25	70 - 130
1,1,1-Trichloroethane	10.0	11.0	110		3.58	25	70 - 130
1,1,2-Trichloroethane	10.0	10.6	106		3.56	25	70 - 130
Trichloroethylene	10.0	10.5	105		3.83	25	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	11.0	110		7.86	25	70 - 130
1,2,3-Trichloropropane	10.0	10.3	103		6.65	25	70 - 130

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3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13C0408
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Matrix:	Water	Preparation:	SW-846 5030B
Batch:	B069146	Laboratory ID:	B069146-BSD1
Column:		Initial/Final:	5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.6	116	7.26	25	70 - 130
1,2,4-Trimethylbenzene	10.0	10.3	103	5.77	25	70 - 130
1,3,5-Trimethylbenzene	10.0	11.4	114	1.47	25	70 - 130
Vinyl Chloride	10.0	9.73	97.3	6.66	25	40 - 160
m+p Xylene	20.0	24.0	120	3.40	25	70 - 130
o-Xylene	10.0	12.2	122	4.01	25	70 - 130

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4 - FORM IV
METHOD BLANK SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13C0408
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Blank ID:	B069146-BLK1	Batch:	B069146
Prepared:	03/15/2013 09:05		

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
B-44_3-13-13	13C0408-09	ve078023.D	20:24
B-46_3-13-13	13C0408-02	ve078017.D	17:46
B-54_3-13-13	13C0408-03	ve078018.D	18:13
B-48_3-13-13	13C0408-04	ve078019.D	18:39
B-47_3-13-13	13C0408-05	ve078020.D	19:05
B-50_3-13-13	13C0408-06	ve078027.D	22:09
FB-1_3-13-13	13C0408-01	ve078016.D	17:20
B-53_3-13-13	13C0408-08	ve078022.D	19:58
Matrix Spike Dup	B069146-MSD1	ve078029.D	23:02
B-52_3-13-13	13C0408-10	ve078024.D	20:50
B-45_3-13-13	13C0408-11	ve078025.D	21:16
FD-01_3-13-13	13C0408-12	ve078026.D	21:43
LCS	B069146-BS1	ve078004.D	12:03
LCS Dup	B069146-BSD1	ve078005.D	12:30
Matrix Spike	B069146-MS1	ve078028.D	22:35
B-51_3-13-13	13C0408-07	ve078021.D	19:31

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5 - FORM V
INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13C0408
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Lab File ID:	ve078003.D	Injection Date:	03/19/13
Instrument ID:	GCMSVOA5	Injection Time:	11:37
Sequence:	S004000	Lab Sample ID:	S004000-TUN1

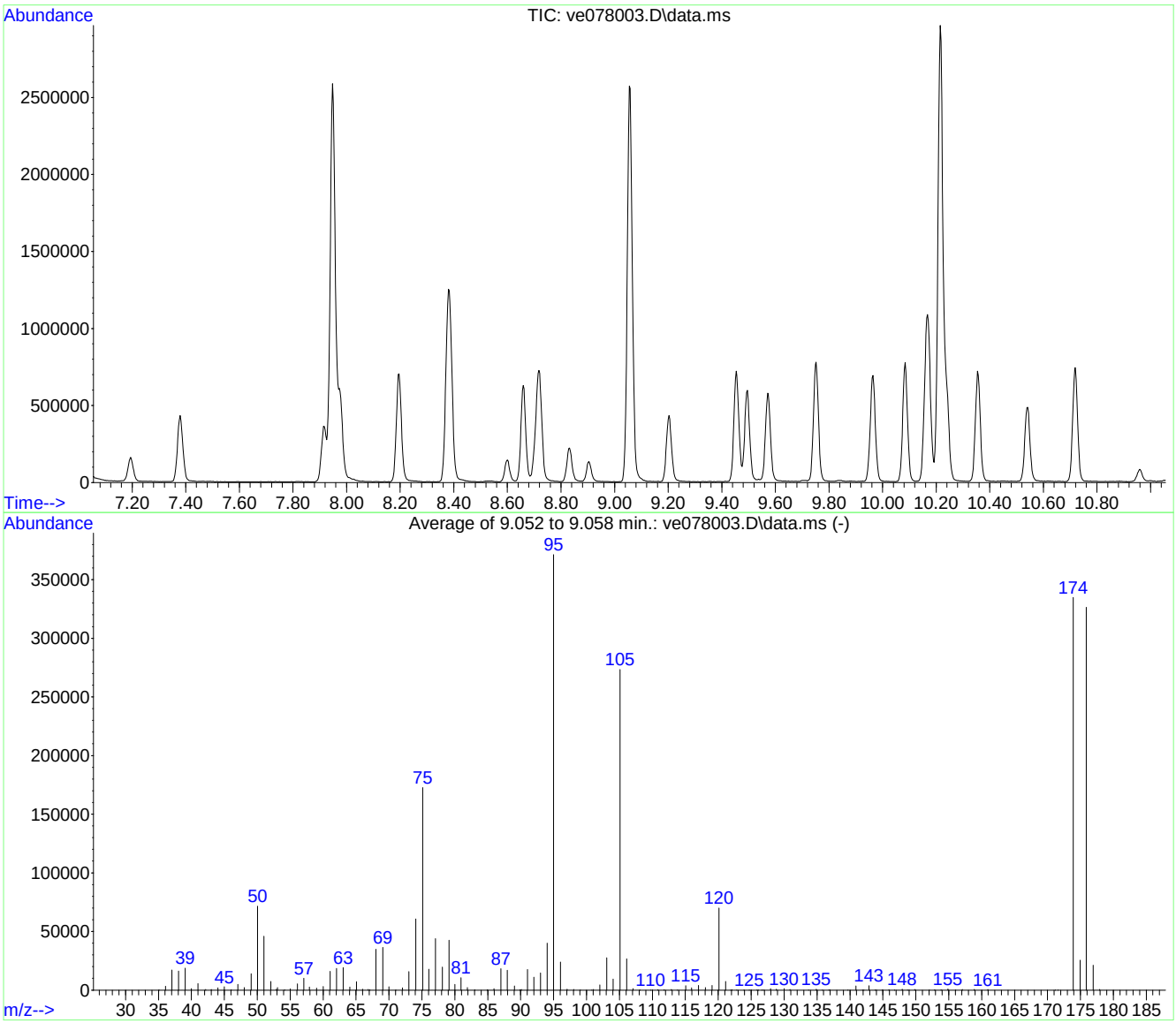
m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	19.3	PASS
75	30 - 60% of 95	46.5	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.44	PASS
173	Less than 2% of 174	0	PASS
174	50 - 200% of 95	90.2	PASS
175	5 - 9% of 174	7.63	PASS
176	95 - 101% of 174	97.5	PASS
177	5 - 9% of 176	6.48	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
Calibration Check	S004000-CCV1	ve078003.D	03/19/2013	11:37:00
LCS	B069146-BS1	ve078004.D	03/19/2013	12:03:00
LCS Dup	B069146-BSD1	ve078005.D	03/19/2013	12:30:00
Blank	B069146-BLK1	ve078007.D	03/19/2013	13:22:00
FB-1_3-13-13	13C0408-01	ve078016.D	03/19/2013	17:20:00
B-46_3-13-13	13C0408-02	ve078017.D	03/19/2013	17:46:00
B-54_3-13-13	13C0408-03	ve078018.D	03/19/2013	18:13:00
B-48_3-13-13	13C0408-04	ve078019.D	03/19/2013	18:39:00
B-47_3-13-13	13C0408-05	ve078020.D	03/19/2013	19:05:00
B-51_3-13-13	13C0408-07	ve078021.D	03/19/2013	19:31:00
B-53_3-13-13	13C0408-08	ve078022.D	03/19/2013	19:58:00
B-44_3-13-13	13C0408-09	ve078023.D	03/19/2013	20:24:00
B-52_3-13-13	13C0408-10	ve078024.D	03/19/2013	20:50:00
B-45_3-13-13	13C0408-11	ve078025.D	03/19/2013	21:16:00
FD-01_3-13-13	13C0408-12	ve078026.D	03/19/2013	21:43:00
B-50_3-13-13	13C0408-06	ve078027.D	03/19/2013	22:09:00
Matrix Spike	B069146-MS1	ve078028.D	03/19/2013	22:35:00
Matrix Spike Dup	B069146-MSD1	ve078029.D	03/19/2013	23:02:00

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078003.D
Acq On : 19 Mar 2013 11:37 am
Operator :
Sample : 8260STD 10PPB/BFB 1302132
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Integration File: 8260B.P

Method : C:\msdchem\1\METHODS\E031113W.m
Title : 8260 WATER 5MLS VOAMS 5973 #5
Last Update : Sun Mar 24 11:50:57 2013



AutoFind: Scans 2928, 2929, 2930; Background Corrected with Scan 2915

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.3	71612	PASS
75	95	30	60	46.5	172736	PASS
95	95	100	100	100.0	371264	PASS
96	95	5	9	6.4	23912	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	90.2	334763	PASS
175	174	5	9	7.6	25544	PASS
176	174	95	101	97.5	326357	PASS
177	176	5	9	6.5	21152	PASS

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VOLATILES CALIBRATION DATA

con-test® ANALYTICAL LABORATORY
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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY SDG: 13C0408

Project: Buffalo, NY

Calibration: 1300039 Instrument: GCMSVOA5

Calibration Date: 3/11/2013 12:00:28AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Acetone					10	0.1195513	20	0.1218317	50	0.1096599	100	0.1050561
Acrolein					10	5.168425E-02	20	0.050958	50	5.891788E-02	100	6.027087E-02
Acrylonitrile			0.5	9.979527E-02	1	0.1508534	2	0.111922	5	0.1206304	10	0.1177195
tert-Amyl Methyl Ether (TAME)	0.4	0.6210473	0.5	0.4665039	1	0.559217	2	0.6262073	5	0.5698942	10	0.6499346
Benzene	0.4	1.176957	0.5	0.9262018	1	0.8705429	2	1.147868	5	1.140488	10	1.151778
Bromobenzene	0.4	0.7052964	0.5	0.5822672	1	0.6050229	2	0.7149216	5	0.6964205	10	0.7142732
Bromochloromethane	0.4	0.2915163	0.5	0.2735555	1	0.2604764	2	0.2494937	5	0.2524275	10	0.2609149
Bromodichloromethane	0.4	0.2461722	0.5	0.2172956	1	0.2295948	2	0.2572045	5	0.2651049	10	0.2620339
Bromoform	0.4	0.2322786	0.5	0.2221714	1	0.2422881	2	0.2589268	5	0.258898	10	0.2802617
Bromomethane									5	0.1898237	10	0.183317
2-Butanone (MEK)			5	9.217737E-02	10	0.1279288	20	0.1233462	50	0.1476764	100	0.1476128
tert-Butyl Alcohol (TBA)			5	2.302589E-02	10	2.649257E-02	20	2.550088E-02	50	2.701922E-02	100	2.612159E-02
n-Butylbenzene							2	1.537051	5	1.560375	10	1.71218
sec-Butylbenzene							2	1.926612	5	1.955642	10	2.051654
tert-Butylbenzene	0.4	1.181924	0.5	1.07926	1	0.8179734	2	1.272566	5	1.270749	10	1.347634
tert-Butyl Ethyl Ether (TBEE)	0.4	0.6894949	0.5	0.6105798	1	0.6411694	2	0.6994141	5	0.6560748	10	0.724328
Carbon Disulfide	4	0.8811161	5	0.6757296	10	0.5518989	20	0.9119893	50	0.9046178	100	0.9687818
Carbon Tetrachloride							2	0.3753348	5	0.3690507	10	0.3817754
Chlorobenzene	0.4	0.9983366	0.5	0.8821866	1	0.8379106	2	1.027746	5	0.9736387	10	1.049688
Chlorodibromomethane	0.4	0.1956311	0.5	0.1590997	1	0.1675076	2	0.1799962	5	0.1884007	10	0.1955755
Chloroethane	0.4	0.188578	0.5	0.1459619	1	0.1069534	2	0.1770092	5	0.1666873	10	0.1838044
2-Chloroethyl Vinyl Ether			5	8.253188E-02	10	9.706287E-02	20	0.1054595	50	9.730502E-02	100	0.1151497
Chloroform	0.4	0.5279329	0.5	0.4587958	1	0.4096772	2	0.4943915	5	0.4791105	10	0.5020128
Chloromethane					1	0.4051008	2	0.4392184	5	0.3163354	10	0.3386739
2-Chlorotoluene	0.4	1.114937	0.5	0.9050536	1	0.8182	2	1.226387	5	1.168034	10	1.206226
4-Chlorotoluene	0.4	1.232307	0.5	1.017343	1	0.9659988	2	1.220288	5	1.179859	10	1.25748

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY SDG: 13C0408

Project: Buffalo, NY

Calibration: 1300039 Instrument: GCMSVOA5

Calibration Date: 3/11/2013 12:00:28AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Cyclohexane							2	0.4829673	5	0.493982	10	0.5069172
1,2-Dibromo-3-chloropropane (D			0.5	0.1134982	1	9.019693E-02	2	7.878981E-02	5	8.132168E-02	10	8.077209E-02
1,2-Dibromoethane (EDB)	0.4	0.1776075	0.5	0.1466167	1	0.1639411	2	0.172248	5	0.178503	10	0.1786748
Dibromomethane	0.4	0.1400583	0.5	0.1332669	1	0.1120779	2	0.119209	5	0.1204341	10	0.1196515
1,2-Dichlorobenzene	0.4	0.77129	0.5	0.6532569	1	0.6332576	2	0.7475281	5	0.7538509	10	0.8050503
1,3-Dichlorobenzene	0.4	0.7766168	0.5	0.6934435	1	0.6853714	2	0.8458203	5	0.8291568	10	0.8734297
1,4-Dichlorobenzene	0.4	0.8959999	0.5	0.8439185	1	0.7633542	2	0.9217498	5	0.8746136	10	0.9176277
cis-1,4-Dichloro-2-butene	0.4	0.1525963	0.5	0.1550145	1	0.1315452	2	0.1429458	5	0.1322596	10	0.1466047
trans-1,4-Dichloro-2-butene	0.4	0.1952063	0.5	0.16031	1	0.1390655	2	0.1364293	5	0.1244289	10	0.1361648
Dichlorodifluoromethane (Freon							2	0.3391145	5	0.325697	10	0.3550828
1,1-Dichloroethane	0.4	0.5373298	0.5	0.4506777	1	0.4198471	2	0.5246371	5	0.5157625	10	0.5332792
1,2-Dichloroethane					1	0.3089202	2	0.2989777	5	0.2635459	10	0.2629992
1,1-Dichloroethylene							2	0.4699017	5	0.4350831	10	0.4611367
cis-1,2-Dichloroethylene	0.4	0.4385559	0.5	0.3544905	1	0.3581074	2	0.4419978	5	0.4349449	10	0.4388272
trans-1,2-Dichloroethylene	0.4	0.4494477	0.5	0.3484224	1	0.2933167	2	0.412934	5	0.410375	10	0.4079042
Dichlorofluoromethane (Freon 2	0.4	0.5843141	0.5	0.4494477	1	0.3318352	2	0.4978494	5	0.5090435	10	0.5317871
1,2-Dichloropropane	0.4	0.1999868	0.5	0.1737787	1	0.1758889	2	0.1994196	5	0.2044799	10	0.212884
1,3-Dichloropropane	0.4	0.2752353	0.5	0.250699	1	0.2712636	2	0.2864079	5	0.2793955	10	0.2827549
2,2-Dichloropropane	0.4	0.4434679	0.5	0.3414523	1	0.2845875	2	0.4044643	5	0.3639036	10	0.4148009
1,1-Dichloropropene	0.4	0.4128213	0.5	0.3293982	1	0.2715362	2	0.3998027	5	0.4044505	10	0.4221555
cis-1,3-Dichloropropene	0.4	0.3033971	0.5	0.2656092	1	0.2727794	2	0.2992355	5	0.3109316	10	0.3247395
trans-1,3-Dichloropropene	0.4	0.2632196	0.5	0.2061419	1	0.2433853	2	0.2437098	5	0.2479984	10	0.2646042
Diethyl Ether	0.4	0.2589477	0.5	0.1992625	1	0.2036945	2	0.227477	5	0.2089874	10	0.2108107
Diisopropyl Ether (DIPE)	0.4	0.8803153	0.5	0.8307526	1	0.7163419	2	0.8410127	5	0.8590342	10	0.8930079
1,4-Dioxane							20	2.724734E-03	50	3.03034E-03	100	2.673594E-03
Ethyl Acetate							2	0.2462109	5	0.2449745	10	0.2774256

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY SDG: 13C0408

Project: Buffalo, NY

Calibration: 1300039 Instrument: GCMSVOA5

Calibration Date: 3/11/2013 12:00:28AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Ethylbenzene	0.4	1.94591	0.5	1.563023	1	1.319151	2	1.911102	5	1.838182	10	2.003134
Ethyl Methacrylate			0.5	0.1768416	1	0.2136346	2	0.2273341	5	0.23175	10	0.2374399
Hexachlorobutadiene	0.4	0.2730771	0.5	0.2108191	1	0.1707478	2	0.2672158	5	0.2773903	10	0.2957722
2-Hexanone (MBK)			5	0.118952	10	0.1324279	20	0.1485215	50	0.1648795	100	0.1608913
Iodomethane	4	0.1103277	5	0.1725302	10	0.2405434	20	0.3956861	50	0.4332142	100	0.4775753
Isopropylbenzene (Cumene)	0.4	1.784392	0.5	1.481062	1	1.162255	2	1.829661	5	1.745537	10	1.877885
p-Isopropyltoluene (p-Cymene)	0.4	1.438551	0.5	1.267226	1	1.024362	2	1.516671	5	1.540361	10	1.716072
Methyl Acetate	0.4	0.3637013	0.5	0.2855276	1	0.2705615	2	0.308847	5	0.3440748	10	0.3217055
Methyl tert-Butyl Ether (MTBE)	0.4	0.6196591	0.5	0.5783534	1	0.5988372	2	0.6138202	5	0.5979878	10	0.6374679
Methyl Cyclohexane							2	0.3154292	5	0.3068106	10	0.3190825
Methylene Chloride									5	0.6362807	10	0.5303119
4-Methyl-2-pentanone (MIBK)	4	0.2016765	5	0.1693923	10	0.1987087	20	0.210176	50	0.2356807	100	0.2225033
Naphthalene	0.4	0.9049301	0.5	0.9262176	1	0.8553676	2	0.9466804	5	1.048305	10	1.083845
n-Propylbenzene	0.4	2.008979	0.5	1.567957	1	1.347716	2	2.080723	5	2.021529	10	2.185751
Styrene	0.4	1.030025	0.5	0.8641336	1	0.8488878	2	1.099235	5	1.063552	10	1.148687
1,1,1,2-Tetrachloroethane	0.4	0.3850287	0.5	0.3356642	1	0.3180373	2	0.3733027	5	0.3580259	10	0.3774613
1,1,2,2-Tetrachloroethane	0.4	0.5077826	0.5	0.431104	1	0.4548588	2	0.472559	5	0.4928957	10	0.5065786
Tetrachloroethylene	0.4	0.2405399	0.5	0.1758592	1	0.1423339	2	0.2263637	5	0.2279371	10	0.2276897
Tetrahydrofuran					1	0.119242	2	8.734469E-02	5	9.542137E-02	10	8.418948E-02
Toluene	0.4	0.8248798	0.5	0.6678951	1	0.6265783	2	0.8061997	5	0.8309898	10	0.8414104
1,2,3-Trichlorobenzene	0.4	0.3420122	0.5	0.3291963	1	0.3404934	2	0.3590072	5	0.3870667	10	0.4068299
1,2,4-Trichlorobenzene	0.4	0.4523084	0.5	0.4266456	1	0.3971797	2	0.458112	5	0.4799346	10	0.5049607
1,3,5-Trichlorobenzene	0.4	0.5044797	0.5	0.456946	1	0.4196036	2	0.5513011	5	0.5550361	10	0.6055014
1,1,1-Trichloroethane					1	0.2632731	2	0.4412756	5	0.4249874	10	0.4289293
1,1,2-Trichloroethane	0.4	0.180311	0.5	0.1579439	1	0.1623659	2	0.1654703	5	0.1712217	10	0.1694
Trichloroethylene	0.4	0.2503026	0.5	0.1854526	1	0.1468515	2	0.2032102	5	0.2016399	10	0.2123911

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY SDG: 13C0408

Project: Buffalo, NY

Calibration: 1300039 Instrument: GCMSVOA5

Calibration Date: 3/11/2013 12:00:28AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Trichlorofluoromethane (Freon 1							2	0.4103296	5	0.3919798	10	0.423211
1,2,3-Trichloropropane	0.4	0.4445598	0.5	0.3540782	1	0.370437	2	0.3666577	5	0.3608668	10	0.3770524
1,1,2-Trichloro-1,2,2-trifluoroeth							2	0.2515072	5	0.2579978	10	0.2575153
1,2,4-Trimethylbenzene	0.4	1.486022	0.5	1.308825	1	1.126835	2	1.505847	5	1.530884	10	1.652932
1,3,5-Trimethylbenzene	0.4	1.425052	0.5	1.126623	1	1.069464	2	1.527527	5	1.530467	10	1.627894
Vinyl Acetate			5	0.5484476	10	0.6003966	20	0.6898107	50	0.7294661	100	0.7566693
Vinyl Chloride							2	0.3583737	5	0.3141763	10	0.3486524
m+p Xylene	0.8	1.408362	1	1.211833	2	1.045023	4	1.455331	10	1.389229	20	1.498307
o-Xylene	0.4	1.351523	0.5	1.141427	1	1.078682	2	1.428623	5	1.399276	10	1.48395
1,2-Dichloroethane-d4	25	0.5388401	25	0.531129	25	0.5309278	25	0.5375408	25	0.5557015	25	0.5479637
Toluene-d8	25	1.18973	25	1.176455	25	1.167333	25	1.175792	25	1.19284	25	1.18916
4-Bromofluorobenzene	25	0.8956049	25	0.9057228	25	0.8732683	25	0.9205235	25	0.889502	25	0.9165874

con-test® ANALYTICAL LABORATORY
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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY SDG: 13C0408

Project: Buffalo, NY

Calibration: 1300039 Instrument: GCMSVOA5

Calibration Date: 3/11/2013 12:00:28AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Acetone	200	0.1004842	500	0.1017322	1000	9.847594E-02	2000	8.371987E-02				
Acrolein	200	0.0576866	500	5.903122E-02	1000	6.436055E-02						
Acrylonitrile	20	0.1075111	50	0.1082922	100	0.1173832	200	0.1062062				
tert-Amyl Methyl Ether (TAME)	20	0.6282978	50	0.6363449	100	0.6852366	200	0.6408587				
Benzene	20	1.160956	50	1.083499	100	1.116884	200	1.116057				
Bromobenzene	20	0.675385	50	0.653744	100	0.7067428	200	0.6814922				
Bromochloromethane	20	0.2563861	50	0.2399834	100	0.2384447	200	0.225516				
Bromodichloromethane	20	0.2666856	50	0.2605674	100	0.2648011	200	0.2762038				
Bromoform	20	0.2788293	50	0.2830561	100	0.3252285	200	0.3058133				
Bromomethane	20	0.1834832	50	0.1887375	100	0.1967336	200	0.203815				
2-Butanone (MEK)	200	0.146505	500	0.1473413	1000	0.158145	2000	0.1388695				
tert-Butyl Alcohol (TBA)	200	2.693086E-02	500	2.491174E-02	1000	3.081618E-02	2000	0.0253195				
n-Butylbenzene	20	1.674207	50	1.520996	100	1.627763	200	1.669084				
sec-Butylbenzene	20	1.949356	50	1.877933	100	1.956618	200	1.959276				
tert-Butylbenzene	20	1.288116	50	1.267243	100	1.259697	200	1.261475				
tert-Butyl Ethyl Ether (TBEE)	20	0.7167217	50	0.7026663	100	0.7536289	200	0.722219				
Carbon Disulfide	200	0.9843994	500	0.9127437								
Carbon Tetrachloride	20	0.3883346	50	0.3618315	100	0.3789167	200	0.3892451				
Chlorobenzene	20	1.022006	50	0.9520132	100	1.029579	200	1.008324				
Chlorodibromomethane	20	0.1988716	50	0.195765	100	0.2019389	200	0.2137634				
Chloroethane	20	0.1731855	50	0.1668866	100	0.1642844	200	0.1570443				
2-Chloroethyl Vinyl Ether	200	0.1091628	500	0.123662	1000	0.1249346	2000	0.1153898				
Chloroform	20	0.5036675	50	0.471238	100	0.493719	200	0.5031866				
Chloromethane	20	0.3036388	50	0.3244529	100	0.3345022	200	0.3709078				
2-Chlorotoluene	20	1.176664	50	1.085791	100	1.142235	200	1.13443				
4-Chlorotoluene	20	1.215889	50	1.102555	100	1.217366	200	1.206012				

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY SDG: 13C0408

Project: Buffalo, NY

Calibration: 1300039 Instrument: GCMSVOA5

Calibration Date: 3/11/2013 12:00:28AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Cyclohexane	20	0.4974132	50	0.4543166	100	0.4710329	200	0.4720761				
1,2-Dibromo-3-chloropropane (D	20	7.928619E-02	50	7.621829E-02	100	8.677043E-02	200	7.531454E-02				
1,2-Dibromoethane (EDB)	20	0.1806424	50	0.1744161	100	0.1776935	200	0.1796692				
Dibromomethane	20	0.1198162	50	0.1183672	100	0.1179117	200	0.1216448				
1,2-Dichlorobenzene	20	0.7801661	50	0.749496	100	0.7758943	200	0.7855943				
1,3-Dichlorobenzene	20	0.8410616	50	0.8074605	100	0.8448458	200	0.8358049				
1,4-Dichlorobenzene	20	0.9066821	50	0.8818249	100	0.9112866	200	0.9034602				
cis-1,4-Dichloro-2-butene	20	0.1375427	50	0.1402071	100	0.1564336	200	0.1429511				
trans-1,4-Dichloro-2-butene	20	0.1244347	50	0.135092	100	0.1536208	200	0.1378849				
Dichlorodifluoromethane (Freon	20	0.3456003	50	0.2887884	100	0.290822	200	0.2836862				
1,1-Dichloroethane	20	0.5330262	50	0.5099231	100	0.5026915	200	0.5175999				
1,2-Dichloroethane	20	0.2492093	50	0.2491485	100	0.2437966	200	0.255209				
1,1-Dichloroethylene	20	0.4688623	50	0.4202824	100	0.4307842	200	0.4167733				
cis-1,2-Dichloroethylene	20	0.4432187	50	0.417532	100	0.41428	200	0.4113291				
trans-1,2-Dichloroethylene	20	0.4085448	50	0.3916091	100	0.3927631	200	0.3868561				
Dichlorofluoromethane (Freon 2	20	0.5262551	50	0.5118386	100	0.5143632	200	0.5171669				
1,2-Dichloropropane	20	0.2094252	50	0.2098958	100	0.2077954	200	0.2173866				
1,3-Dichloropropane	20	0.2786161	50	0.2813631	100	0.2720281	200	0.2897619				
2,2-Dichloropropane	20	0.3994774	50	0.4057507	100	0.3937427	200	0.3887712				
1,1-Dichloropropene	20	0.4112397	50	0.3755242	100	0.3888698	200	0.4034279				
cis-1,3-Dichloropropene	20	0.3234599	50	0.3162123	100	0.31854	200	0.3386454				
trans-1,3-Dichloropropene	20	0.2597215	50	0.2613966	100	0.2620791	200	0.2843172				
Diethyl Ether	20	0.2086956	50	0.2013705	100	0.2048649	200	0.2079286				
Diisopropyl Ether (DIPE)	20	0.8994278	50	0.8257436	100	0.877911	200	0.8692459				
1,4-Dioxane	200	2.34623E-03	500	2.191644E-03	1000	2.402877E-03	2000	2.109238E-03				
Ethyl Acetate	20	0.281778	50	0.2928537	100	0.3226319	200	0.2912518				

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY SDG: 13C0408

Project: Buffalo, NY

Calibration: 1300039 Instrument: GCMSVOA5

Calibration Date: 3/11/2013 12:00:28AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Ethylbenzene	20	1.897982	50	1.855474	100	1.889531	200	1.917264				
Ethyl Methacrylate	20	0.2352069	50	0.2361586	100	0.2377012	200	0.2488419				
Hexachlorobutadiene	20	0.2806708	50	0.2689342	100	0.2807151	200	0.2837964				
2-Hexanone (MBK)	200	0.1554345	500	0.1575179	1000	0.1598602	2000	0.1489031				
Iodomethane	200	0.4966708	500	0.4672071								
Isopropylbenzene (Cumene)	20	1.769037	50	1.6503	100	1.780229	200	1.755693				
p-Isopropyltoluene (p-Cymene)	20	1.602667	50	1.536585	100	1.588849	200	1.639856				
Methyl Acetate	20	0.3452829	50	0.3051745	100	0.3390799	200	0.3144303				
Methyl tert-Butyl Ether (MTBE)	20	0.6423937	50	0.6484677	100	0.6556056	200	0.6280445				
Methyl Cyclohexane	20	0.3096132	50	0.2886438	100	0.2902322	200	0.3078341				
Methylene Chloride	20	0.4752765	50	0.4059319	100	0.4053469	200	0.3973885				
4-Methyl-2-pentanone (MIBK)	200	0.2227305	500	0.2218231	1000	0.2308262	2000	0.2046825				
Naphthalene	20	1.032817	50	1.034951	100	1.171986	200	0.9985181				
n-Propylbenzene	20	2.102051	50	1.991474	100	2.178088	200	2.087657				
Styrene	20	1.084881	50	1.055469	100	1.170437	200	1.158557				
1,1,1,2-Tetrachloroethane	20	0.3770151	50	0.358591	100	0.396006	200	0.3855641				
1,1,2,2-Tetrachloroethane	20	0.4596978	50	0.4439287	100	0.5079204	200	0.4569096				
Tetrachloroethylene	20	0.2327453	50	0.221489	100	0.2131956	200	0.2210663				
Tetrahydrofuran	20	8.339329E-02	50	8.010046E-02	100	8.944711E-02	200	8.037568E-02				
Toluene	20	0.832287	50	0.8206723	100	0.7779868	200	0.8301922				
1,2,3-Trichlorobenzene	20	0.3786869	50	0.367792	100	0.4260581	200	0.3728666				
1,2,4-Trichlorobenzene	20	0.4742062	50	0.4781909	100	0.5082598	200	0.4868073				
1,3,5-Trichlorobenzene	20	0.567984	50	0.5536558	100	0.6005217	200	0.5948509				
1,1,1-Trichloroethane	20	0.4386368	50	0.4086698	100	0.4196245	200	0.436585				
1,1,2-Trichloroethane	20	0.1683177	50	0.164144	100	0.1630758	200	0.1708526				
Trichloroethylene	20	0.2074171	50	0.2002976	100	0.1945395	200	0.2020203				

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY SDG: 13C0408

Project: Buffalo, NY

Calibration: 1300039 Instrument: GCMSVOA5

Calibration Date: 3/11/2013 12:00:28AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Trichlorofluoromethane (Freon 1	20	0.4226736	50	0.3744452	100	0.3827098	200	0.3814891				
1,2,3-Trichloropropane	20	0.3565272	50	0.3459226	100	0.3772676	200	0.3502714				
1,1,2-Trichloro-1,2,2-trifluoroeth	20	0.2591006	50	0.2299129	100	0.2337849	200	0.2325277				
1,2,4-Trimethylbenzene	20	1.6273	50	1.537554	100	1.567113	200	1.594482				
1,3,5-Trimethylbenzene	20	1.557807	50	1.488494	100	1.609823	200	1.518765				
Vinyl Acetate	200	0.7312524	500	0.7473068	1000	0.737469	2000	0.4918123				
Vinyl Chloride	20	0.3217102	50	0.3134267	100	0.2870288	200	0.2760053				
m+p Xylene	40	1.452661	100	1.365994	200	1.474594	400	1.423662				
o-Xylene	20	1.379225	50	1.283681	100	1.409226	200	1.364887				
1,2-Dichloroethane-d4	25	0.5655122	25	0.5237626	25	0.5289709	25	0.5335424				
Toluene-d8	25	1.186541	25	1.184945	25	1.169472	25	1.191357				
4-Bromofluorobenzene	25	0.8762689	25	0.844271	25	0.9196886	25	0.8840999				

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13C0408
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Calibration:	1300039	Instrument:	GCMSVOA5
		Calibration Date:	3/11/2013 12:00:28AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Acetone	0.1050639	11.6			15	
Acrolein	5.755848E-02	8.3			15	
Acrylonitrile	0.1155904	12.8			15	
tert-Amyl Methyl Ether (TAME)	0.6083542	10.2			15	
Benzene	1.089123	9.6			15	
Bromobenzene	0.6735566	6.9			15	
Bromochloromethane	0.2548714	7.3			15	
Bromodichloromethane	0.2545664	7.2			15	
Bromoform	0.2687752	12.0			15	
Bromomethane	0.190985	4.2			15	
2-Butanone (MEK)	0.1366225	14.5			15	
tert-Butyl Alcohol (TBA)	0.0262376	8.0			15	
n-Butylbenzene	1.614522	4.7			15	
sec-Butylbenzene	1.95387	2.7			15	
tert-Butylbenzene	1.204664	12.8			15	
tert-Butyl Ethyl Ether (TBEE)	0.6916297	6.3			15	
Carbon Disulfide	0.8489096	18.0	0.9987906		0.99	
Carbon Tetrachloride	0.3777841	2.6			15	
Chlorobenzene	0.9781429	7.1			15	
Chlorodibromomethane	0.189655	8.7			15	
Chloroethane	0.1630395	14.3			15	
2-Chloroethyl Vinyl Ether	0.1078509	12.8			15	
Chloroform	0.4843732	6.7			15	
Chloromethane	0.3541038	13.3			15	
2-Chlorotoluene	1.097796	12.1			15	
4-Chlorotoluene	1.16151	8.5			15	
Cyclohexane	0.4826722	3.8			15	

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13C0408
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Calibration:	1300039	Instrument:	GCMSVOA5
		Calibration Date:	3/11/2013 12:00:28AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,2-Dibromo-3-chloropropane (DBCP)	8.468535E-02	13.9			15	
1,2-Dibromoethane (EDB)	0.1730012	6.1			15	
Dibromomethane	0.1222438	6.7			15	
1,2-Dichlorobenzene	0.7455384	7.6			15	
1,3-Dichlorobenzene	0.8033011	8.1			15	
1,4-Dichlorobenzene	0.8820517	5.4			15	
cis-1,4-Dichloro-2-butene	0.1438101	6.2			15	
trans-1,4-Dichloro-2-butene	0.1442637	14.6			15	
Dichlorodifluoromethane (Freon 12)	0.3183987	9.4			15	
1,1-Dichloroethane	0.5044774	7.7			15	
1,2-Dichloroethane	0.2664758	9.1			15	
1,1-Dichloroethylene	0.4432605	5.2			15	
cis-1,2-Dichloroethylene	0.4153283	8.0			15	
trans-1,2-Dichloroethylene	0.3902173	10.9			15	
Dichlorofluoromethane (Freon 21)	0.4973901	13.5			15	
1,2-Dichloropropane	0.2010941	7.4			15	
1,3-Dichloropropane	0.2767525	3.9			15	
2,2-Dichloropropane	0.3840419	11.6			15	
1,1-Dichloropropene	0.3819226	12.3			15	
cis-1,3-Dichloropropene	0.307355	7.5			15	
trans-1,3-Dichloropropene	0.2536574	8.1			15	
Diethyl Ether	0.2132039	8.4			15	
Diisopropyl Ether (DIPE)	0.8492793	6.2			15	
1,4-Dioxane	2.496951E-03	13.1			15	
Ethyl Acetate	0.2795895	9.8			15	
Ethylbenzene	1.814075	11.6			15	
Ethyl Methacrylate	0.2272121	9.3			15	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13C0408
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Calibration:	1300039	Instrument:	GCMSVOA5
		Calibration Date:	3/11/2013 12:00:28AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Hexachlorobutadiene	0.2609139	14.9			15	
2-Hexanone (MBK)	0.1497098	10.0			15	
Iodomethane	0.3492193	43.5	0.9990888		0.99	
Isopropylbenzene (Cumene)	1.683605	12.7			15	
p-Isopropyltoluene (p-Cymene)	1.48712	13.6			15	
Methyl Acetate	0.3198385	9.0			15	
Methyl tert-Butyl Ether (MTBE)	0.6220637	4.0			15	
Methyl Cyclohexane	0.3053779	3.8			15	
Methylene Chloride	0.4750894	19.9	0.9998878		0.99	
4-Methyl-2-pentanone (MIBK)	0.21182	9.2			15	
Naphthalene	1.000362	9.4			15	
n-Propylbenzene	1.957193	14.1			15	
Styrene	1.052386	10.8			15	
1,1,1,2-Tetrachloroethane	0.3664696	6.6			15	
1,1,2,2-Tetrachloroethane	0.4734235	6.0			15	
Tetrachloroethylene	0.212922	14.2			15	
Tetrahydrofuran	8.993926E-02	14.3			15	
Toluene	0.7859091	9.6			15	
1,2,3-Trichlorobenzene	0.3710009	8.2			15	
1,2,4-Trichlorobenzene	0.4666605	7.4			15	
1,3,5-Trichlorobenzene	0.540988	11.5			15	
1,1,1-Trichloroethane	0.4077477	14.6			15	
1,1,2-Trichloroethane	0.1673103	3.7			15	
Trichloroethylene	0.2004122	12.7			15	
Trichlorofluoromethane (Freon 11)	0.3981197	5.1			15	
1,2,3-Trichloropropane	0.3703641	7.6			15	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.2460495	5.4			15	

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6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13C0408
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Calibration:	1300039	Instrument:	GCMSVOA5
		Calibration Date:	3/11/2013 12:00:28AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,2,4-Trimethylbenzene	1.493779	10.7			15	
1,3,5-Trimethylbenzene	1.448192	13.4			15	
Vinyl Acetate	0.6702923	14.6			15	
Vinyl Chloride	0.3170533	9.4			15	
m+p Xylene	1.3725	10.2			15	
o-Xylene	1.33205	9.7			15	
1,2-Dichloroethane-d4	0.5393891	2.4			15	
Toluene-d8	1.182362	0.8			15	
4-Bromofluorobenzene	0.8925537	2.7			15	

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INITIAL CALIBRATION STANDARDS

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13C0408
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Sequence:	S003961	Instrument:	GCMSVOA5
Calibration:	1300039		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1206199	0.4ppb 8260 Calibration Standard	S003961-CAL1	ve070006.D	03/11/13 12:24
1206200	0.5ppb 8260 Calibration Standard	S003961-CAL2	ve070007.D	03/11/13 12:51
1206201	1ppb 8260 Calibration Standard	S003961-CAL3	ve070008.D	03/11/13 13:17
1206202	2ppb 8260 Calibration Standard	S003961-CAL4	ve070009.D	03/11/13 13:44
1206203	5ppb 8260 Calibration Standard	S003961-CAL5	ve070010.D	03/11/13 14:10
1206204	10ppb 8260 Calibration Standard	S003961-CAL6	ve070011.D	03/11/13 14:36
1206205	20ppb 8260 Calibration Standard	S003961-CAL7	ve070012.D	03/11/13 15:02
1206206	50ppb 8260 Calibration Standard	S003961-CAL8	ve070013.D	03/11/13 15:29
1206207	100ppb 8260 Calibration Standard	S003961-CAL9	ve070014.D	03/11/13 15:55
1206208	200ppb 8260 Calibration Standard	S003961-CALA	ve070015.D	03/11/13 16:21

U:\DATA\031113\

Date	Filename	Lab ID	Sample Info
11 Mar 2013 10:11 am	ve070001.D	BLK	1
11 Mar 2013 10:38 am	ve070002.D	BLK	1
11 Mar 2013 11:04 am	ve070003.D	BLK	1
11 Mar 2013 11:30 am	ve070004.D	BLK	1
11 Mar 2013 11:58 am	ve070005.D	BLK	1
11 Mar 2013 12:24 pm	ve070006.D	8260STD 0.4PPB 1302132	1
11 Mar 2013 12:51 pm	ve070007.D	8260STD 0.5PPB 1302133	1
11 Mar 2013 1:17 pm	ve070008.D	8260STD 1.0PPB 1302134	1
11 Mar 2013 1:44 pm	ve070009.D	8260STD 2.0PPB 1302135	1
11 Mar 2013 2:10 pm	ve070010.D	8260STD 5.0PPB 1302136	1
11 Mar 2013 2:36 pm	ve070011.D	8260STD 10PPB 1302137	1
11 Mar 2013 3:02 pm	ve070012.D	8260STD 20PPB 1302138	1
11 Mar 2013 3:29 pm	ve070013.D	8260STD 50PPB 1302139	1
11 Mar 2013 3:55 pm	ve070014.D	8260STD 100PPB 1302140	1
11 Mar 2013 4:21 pm	ve070015.D	8260STD 200PPB 1302141	1
11 Mar 2013 4:48 pm	ve070016.D	BLK	1
11 Mar 2013 5:14 pm	ve070017.D	BLK	1
11 Mar 2013 5:40 pm	ve070018.D	BLK	1
11 Mar 2013 6:07 pm	ve070019.D	BLK	1
11 Mar 2013 6:34 pm	ve070020.D	B0-BS1	1
11 Mar 2013 7:00 pm	ve070021.D	B0-BSD1	1
11 Mar 2013 7:27 pm	ve070022.D	BLK	1
11 Mar 2013 7:53 pm	ve070023.D	B0-BLK1	1
11 Mar 2013 8:19 pm	ve070024.D	B0-BLK1 @ 50X MEOH	50
11 Mar 2013 8:46 pm	ve070025.D	13C0099-07 @ TB	1
11 Mar 2013 9:12 pm	ve070026.D	13C0245-15 @ TB	1
11 Mar 2013 9:38 pm	ve070027.D	13C0215-01 @ 50X MEOH	50
11 Mar 2013 10:05 pm	ve070028.D	13C0219-01 @ 50X MEOH	50
11 Mar 2013 10:32 pm	ve070029.D	13C0189-01 @ 50X MEOH	50
11 Mar 2013 10:58 pm	ve070030.D	13C0238-02 @ 500X MEOH	500
11 Mar 2013 11:25 pm	ve070031.D	BLK	1
11 Mar 2013 11:51 pm	ve070032.D	BLK	1
12 Mar 2013 12:18 am	ve070033.D	BFB	1
12 Mar 2013 12:44 am	ve070034.D	8260STD 10PPB 1302132	1
12 Mar 2013 1:11 am	ve070035.D	B0-BS1	1
12 Mar 2013 1:37 am	ve070036.D	B0-BSD1	1
12 Mar 2013 2:04 am	ve070037.D	BLK	1
12 Mar 2013 2:30 am	ve070038.D	B0-BLK1	1
12 Mar 2013 2:56 am	ve070039.D	13C0203-06 @ TB	1
12 Mar 2013 3:23 am	ve070040.D	13C0203-01	1
12 Mar 2013 3:49 am	ve070041.D	13C0203-02	1
12 Mar 2013 4:15 am	ve070042.D	13C0203-03	1
12 Mar 2013 4:41 am	ve070043.D	13C0203-05	1
12 Mar 2013 5:08 am	ve070044.D	13C0203-04 @ 2X	2
12 Mar 2013 5:34 am	ve070045.D	13C0245-01	1
12 Mar 2013 6:01 am	ve070046.D	13C0245-02	1
12 Mar 2013 6:27 am	ve070047.D	13C0245-03	1
12 Mar 2013 6:53 am	ve070048.D	13C0245-04	1
12 Mar 2013 7:20 am	ve070049.D	13C0245-05	1
12 Mar 2013 7:46 am	ve070050.D	13C0245-06	1
12 Mar 2013 8:12 am	ve070051.D	13C0245-07	1
12 Mar 2013 8:39 am	ve070052.D	13C0245-08	1
12 Mar 2013 9:05 am	ve070053.D	13C0245-09	1
12 Mar 2013 9:32 am	ve070054.D	13C0245-10	1
12 Mar 2013 9:58 am	ve070055.D	13C0245-11	1
12 Mar 2013 10:24 am	ve070056.D	13C0245-12	1
12 Mar 2013 10:50 am	ve070057.D	13C0245-13	1
12 Mar 2013 11:17 am	ve070058.D	13C0245-14	1

Method Path : C:\msdchem\1\METHODS\
Method File : E031113W.m
Title : 8260 WATER 5MLS VOAMS 5973 #5
Last Update : Tue Mar 12 09:30:20 2013
Response Via : Initial Calibration

Calibration Files
0.4 =ve070006.D 0.5 =ve070007.D 1 =ve070008.D 2 =ve070009.D 5 =ve070010.D 10 =ve070011.D 20 =ve070012.D 50 =ve070013.D
100 =ve070014.D 200 =ve070015.D

		Compound	0.4	0.5	1	2	5	10	20	50	100	200	Avg	%RSD
1)		PENTAFLUOROBENZENE...	ISTD											
2)	S	1,2-DICHLOROET...	0.539	0.531	0.531	0.538	0.556	0.548	0.566	0.524	0.529	0.534	0.539	2.43
3)		DICHLORODIFLUO...				0.339	0.326	0.355	0.346	0.289	0.291	0.284	0.318	9.43
4)		DIFLUOROCHLORO...											0.000	-1.00
5)	P	CHLOROMETHANE			0.405	0.439	0.316	0.339	0.304	0.324	0.335	0.371	0.354	13.33
6)	C	VINYL CHLORIDE				0.358	0.314	0.349	0.322	0.313	0.287	0.276	0.317	9.41#
7)		BROMOMETHANE					0.190	0.183	0.183	0.189	0.197	0.204	0.191	4.18
8)		CHLOROETHANE	0.189	0.146	0.107	0.177	0.167	0.184	0.173	0.167	0.164	0.157	0.163	14.29
9)		Ethanol											0.000	-1.00
10)		FLUORODICHLORO...	0.584	0.449	0.332	0.498	0.509	0.532	0.526	0.512	0.514	0.517	0.497	13.45
11)		TRICHLOROFLUOR...				0.410	0.392	0.423	0.423	0.374	0.383	0.381	0.398	5.12
12)		DI ETHYL ETHER	0.259	0.199	0.204	0.227	0.209	0.211	0.209	0.201	0.205	0.208	0.213	8.36
13)		ACROLEIN			0.052	0.051	0.059	0.060	0.058	0.059	0.064		0.058	8.26
14)		ACETONE			0.120	0.122	0.110	0.105	0.100	0.102	0.098	0.084	0.105	11.62
15)	C	1,1-DICHLOROET...				0.470	0.435	0.461	0.469	0.420	0.431	0.417	0.443	5.16#
16)		1,1,2-TRICL-1,...				0.252	0.258	0.258	0.259	0.230	0.234	0.233	0.246	5.42
17)		IODOMETHANE	0.110	0.173	0.241	0.396	0.433	0.478	0.497	0.467			0.349	43.49
18)		ALLYL CHLORIDE											0.000	-1.00
19)		METHYL ACETATE	0.364	0.286	0.271	0.309	0.344	0.322	0.345	0.305	0.339	0.314	0.320	9.03
20)		T-BUTYL ALCOHOL		0.023	0.026	0.026	0.027	0.026	0.027	0.025	0.031	0.025	0.026	8.04
21)		ACRYLONITRILE		0.100	0.151	0.112	0.121	0.118	0.108	0.108	0.117	0.106	0.116	12.78
22)		METHYLENE CHLO...					0.636	0.530	0.475	0.406	0.405	0.397	0.475	19.91
23)		CARBON DISULFIDE	0.881	0.676	0.552	0.912	0.905	0.969	0.984	0.913			0.849	17.98
24)		METHYL TERT-BU...	0.620	0.578	0.599	0.614	0.598	0.637	0.642	0.648	0.656	0.628	0.622	4.01
25)		TRANS 1,2-DICH...	0.449	0.348	0.293	0.413	0.410	0.408	0.409	0.392	0.393	0.387	0.390	10.88
26)	P	1,1-DICHLOROET...	0.537	0.451	0.420	0.525	0.516	0.533	0.533	0.510	0.503	0.518	0.504	7.68
27)		PROPIONITRILE											0.000	-1.00
28)		VINYL ACETATE		0.548	0.600	0.690	0.729	0.757	0.731	0.747	0.737	0.492	0.670	14.65
29)		CHLOROPRENE											0.000	-1.00
30)		DI ISOPROYL ETHER	0.880	0.831	0.716	0.841	0.859	0.893	0.899	0.826	0.878	0.869	0.849	6.25
31)		2-BUTANONE		0.092	0.128	0.123	0.148	0.148	0.147	0.147	0.158	0.139	0.137	14.53
32)		METHACRYLONITRILE											0.000	-1.00
33)		T-BUTYL ETHYL ...	0.689	0.611	0.641	0.699	0.656	0.724	0.717	0.703	0.754	0.722	0.692	6.29
34)		CIS-1,2-DICHLO...	0.439	0.354	0.358	0.442	0.435	0.439	0.443	0.418	0.414	0.411	0.415	8.01
35)		2,2-DICHLOROPR...	0.443	0.341	0.285	0.404	0.364	0.415	0.399	0.406	0.394	0.389	0.384	11.59
36)		ETHYL ACETATE				0.246	0.245	0.277	0.282	0.293	0.323	0.291	0.280	9.78
37)		BROMOCHLOROMET...	0.292	0.274	0.260	0.249	0.252	0.261	0.256	0.240	0.238	0.226	0.255	7.34
38)		TETRAHYDROFURAN			0.119	0.087	0.095	0.084	0.083	0.080	0.089	0.080	0.090	14.31
39)	C	CHLOROFORM	0.528	0.459	0.410	0.494	0.479	0.502	0.504	0.471	0.494	0.503	0.484	6.73#
40)		ISOBUTANOL											0.000	-1.00
41)		1,1,1-TRICHLOR...			0.263	0.441	0.425	0.429	0.439	0.409	0.420	0.437	0.408	14.56

Method Path : C:\msdchem\1\METHODS\
Method File : E031113W.m
Title : 8260 WATER 5MLS VOAMS 5973 #5

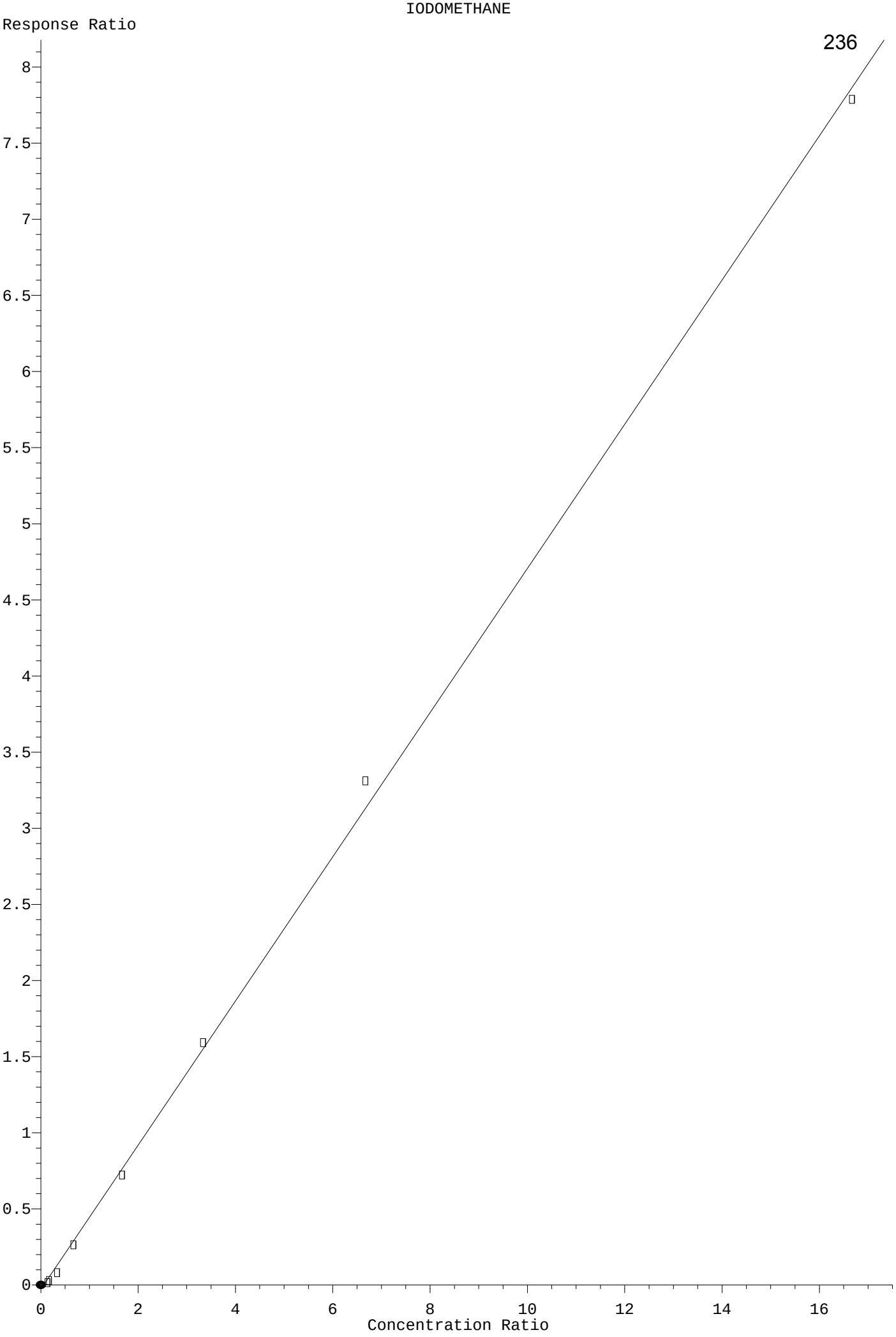
42)		CYCLOHEXANE				0.483	0.494	0.507	0.497	0.454	0.471	0.472	0.483	3.77
43)		CARBON TETRACH...				0.375	0.369	0.382	0.388	0.362	0.379	0.389	0.378	2.64
44)		1,1-DICHLOROPR...	0.413	0.329	0.272	0.400	0.404	0.422	0.411	0.376	0.389	0.403	0.382	12.27
45)		BENZENE	1.177	0.926	0.871	1.148	1.140	1.152	1.161	1.083	1.117	1.116	1.089	9.62
46)		T-AMYLMETHYL E...	0.621	0.467	0.559	0.626	0.570	0.650	0.628	0.636	0.685	0.641	0.608	10.16
47)		1,4-DIFLUOROBENZEN...	----------	ISTD	----------									
48)	S	TOLUENE SS	1.190	1.176	1.167	1.176	1.193	1.189	1.187	1.185	1.169	1.191	1.182	0.79
49)		1,2-DICHLOROET...			0.309	0.299	0.264	0.263	0.249	0.249	0.244	0.255	0.266	9.10
50)		METHYL METHACR...			0.086	0.157	0.153	0.158	0.153	0.142	0.142		0.142	17.82
51)		TRICHLOROETHENE	0.250	0.185	0.147	0.203	0.202	0.212	0.207	0.200	0.195	0.202	0.200	12.69
52)		METHYLCYCLOHEXANE				0.315	0.307	0.319	0.310	0.289	0.290	0.308	0.305	3.84
53)	C	1,2-DICHLOROPR...	0.200	0.174	0.176	0.199	0.204	0.213	0.209	0.210	0.208	0.217	0.201	7.40#
54)		DIBROMOMETHANE	0.140	0.133	0.112	0.119	0.120	0.120	0.120	0.118	0.118	0.122	0.122	6.69
55)		1,4-DIOXANE				0.003	0.003	0.003	0.002	0.002	0.002	0.002	0.002	13.11
56)		BROMODICHLOROM...	0.246	0.217	0.230	0.257	0.265	0.262	0.267	0.261	0.265	0.276	0.255	7.19
57)		2-CHLOROETHYLV...		0.083	0.097	0.105	0.097	0.115	0.109	0.124	0.125	0.115	0.108	12.81
58)		MIBK	0.202	0.169	0.199	0.210	0.236	0.223	0.223	0.222	0.231	0.205	0.212	9.17
59)		CIS-1,3-DICHLO...	0.303	0.266	0.273	0.299	0.311	0.325	0.323	0.316	0.319	0.339	0.307	7.50
60)	C	TOLUENE	0.825	0.668	0.627	0.806	0.831	0.841	0.832	0.821	0.778	0.830	0.786	9.65#
61)		TRANS-1,3,-DIC...	0.263	0.206	0.243	0.244	0.248	0.265	0.260	0.261	0.262	0.284	0.254	8.11
62)		ETHYL METHACRY...		0.177	0.214	0.227	0.232	0.237	0.235	0.236	0.238	0.249	0.227	9.30
63)		1,1,2-TRICHLOR...	0.180	0.158	0.162	0.165	0.171	0.169	0.168	0.164	0.163	0.171	0.167	3.70
64)		2-HEXANONE		0.119	0.132	0.149	0.165	0.161	0.155	0.158	0.160	0.149	0.150	10.02
65)		TETRACHLOROETHENE	0.241	0.176	0.142	0.226	0.228	0.228	0.233	0.221	0.213	0.221	0.213	14.24
66)		1,3-DICHLOROPR...	0.275	0.251	0.271	0.286	0.279	0.283	0.279	0.281	0.272	0.290	0.277	3.93
67)		DIBROMOCHLOROM...	0.196	0.159	0.168	0.180	0.188	0.196	0.199	0.196	0.202	0.214	0.190	8.69
68)		1,2-DIBROMOETHANE	0.178	0.147	0.164	0.172	0.179	0.179	0.181	0.174	0.178	0.180	0.173	6.06
69)		CHLOROBENZENE-D5	...	----------	ISTD	----------								
70)	S	4-BROMOFLUOROB...	0.896	0.906	0.873	0.921	0.890	0.917	0.876	0.844	0.920	0.884	0.893	2.73
71)	T	CHLOROBENZENE	0.998	0.882	0.838	1.028	0.974	1.050	1.022	0.952	1.030	1.008	0.978	7.07
72)		1,1,1,2-TETRAC...	0.385	0.336	0.318	0.373	0.358	0.377	0.377	0.359	0.396	0.386	0.366	6.61
73)	C	ETHYLBENZENE	1.946	1.563	1.319	1.911	1.838	2.003	1.898	1.855	1.890	1.917	1.814	11.57#
74)		M/P-XYLENES	1.408	1.212	1.045	1.455	1.389	1.498	1.453	1.366	1.475	1.424	1.372	10.21
75)		0-XYLENE	1.352	1.141	1.079	1.429	1.399	1.484	1.379	1.284	1.409	1.365	1.332	9.67
76)		STYRENE	1.030	0.864	0.849	1.099	1.064	1.149	1.085	1.055	1.170	1.159	1.052	10.75
77)	P	BROMOFORM	0.232	0.222	0.242	0.259	0.259	0.280	0.279	0.283	0.325	0.306	0.269	12.02
78)		ISOPROPYLBENZENE	1.784	1.481	1.162	1.830	1.746	1.878	1.769	1.650	1.780	1.756	1.684	12.66
79)		CIS-1,4-DICHLO...	0.153	0.155	0.132	0.143	0.132	0.147	0.138	0.140	0.156	0.143	0.144	6.17
80)	P	1,1,2,2-TETRAC...	0.508	0.431	0.455	0.473	0.493	0.507	0.460	0.444	0.508	0.457	0.473	6.02
81)		1,4-DICHLORO-2...	0.195	0.160	0.139	0.136	0.124	0.136	0.124	0.135	0.154	0.138	0.144	14.62
82)		BROMOBENZENE	0.705	0.582	0.605	0.715	0.696	0.714	0.675	0.654	0.707	0.681	0.674	6.91
83)		1,2,3-TRICHLOR...	0.445	0.354	0.370	0.367	0.361	0.377	0.357	0.346	0.377	0.350	0.370	7.62
84)		N-PROPYLBENZENE	2.009	1.568	1.348	2.081	2.022	2.186	2.102	1.991	2.178	2.088	1.957	14.10
85)		2-CHLOROT0LUENE	1.115	0.905	0.818	1.226	1.168	1.206	1.177	1.086	1.142	1.134	1.098	12.09
86)		1,3,5-TRIMETHY...	1.425	1.127	1.069	1.528	1.530	1.628	1.558	1.488	1.610	1.519	1.448	13.37
87)		4-CHLOROTOLUENE	1.232	1.017	0.966	1.220	1.180	1.257	1.216	1.103	1.217	1.206	1.162	8.54
88)		1,4-DICHLOROBENZEN...	----------	ISTD	----------									
89)		TERT-BUTYLBENZENE	1.182	1.079	0.818	1.273	1.271	1.348	1.288	1.267	1.260	1.261	1.205	12.75

Method Path : C:\msdchem\1\METHODS\
Method File : E031113W.m
Title : 8260 WATER 5MLS VOAMS 5973 #5

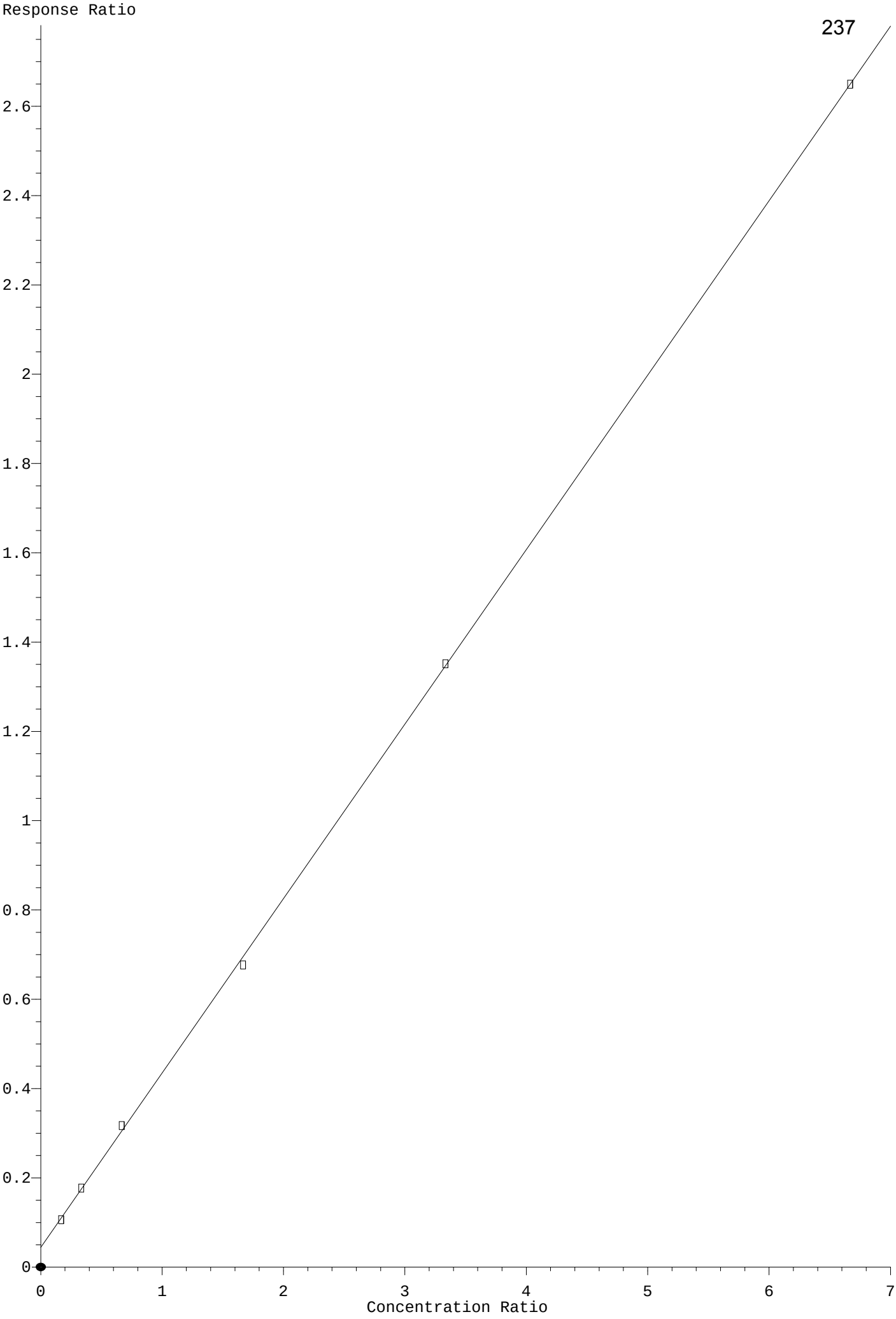
90)	1,2,4-TRIMETHY...	1.486	1.309	1.127	1.506	1.531	1.653	1.627	1.538	1.567	1.594	1.494	10.73
91)	SEC-BUTYLBENZENE				1.927	1.956	2.052	1.949	1.878	1.957	1.959	1.954	2.65
92)	1,3-DICHLOROBE...	0.777	0.693	0.685	0.846	0.829	0.873	0.841	0.807	0.845	0.836	0.803	8.12
93)	P-ISOPROPYLTOL...	1.439	1.267	1.024	1.517	1.540	1.716	1.603	1.537	1.589	1.640	1.487	13.64
94)	1,4-DICHLOROBE...	0.896	0.844	0.763	0.922	0.875	0.918	0.907	0.882	0.911	0.903	0.882	5.42
95)	N-BUTYLBENZENE				1.537	1.560	1.712	1.674	1.521	1.628	1.669	1.615	4.66
96)	1,2-DICHLOROBE...	0.771	0.653	0.633	0.748	0.754	0.805	0.780	0.749	0.776	0.786	0.746	7.63
97)	1,2-DIBROMO-3-...		0.113	0.090	0.079	0.081	0.081	0.079	0.076	0.087	0.075	0.085	13.94
98)	1,3,5-TRICHLOR...	0.504	0.457	0.420	0.551	0.555	0.606	0.568	0.554	0.601	0.595	0.541	11.52
99)	1,2,4-TRICHLOR...	0.452	0.427	0.397	0.458	0.480	0.505	0.474	0.478	0.508	0.487	0.467	7.38
100)	HEXACHLOROBUTA...	0.273	0.211	0.171	0.267	0.277	0.296	0.281	0.269	0.281	0.284	0.261	14.94
101)	NAPHTHALENE	0.905	0.926	0.855	0.947	1.048	1.084	1.033	1.035	1.172	0.999	1.000	9.39
102)	1,2,3-TRICHLOR...	0.342	0.329	0.340	0.359	0.387	0.407	0.379	0.368	0.426	0.373	0.371	8.19

(#) = Out of Range

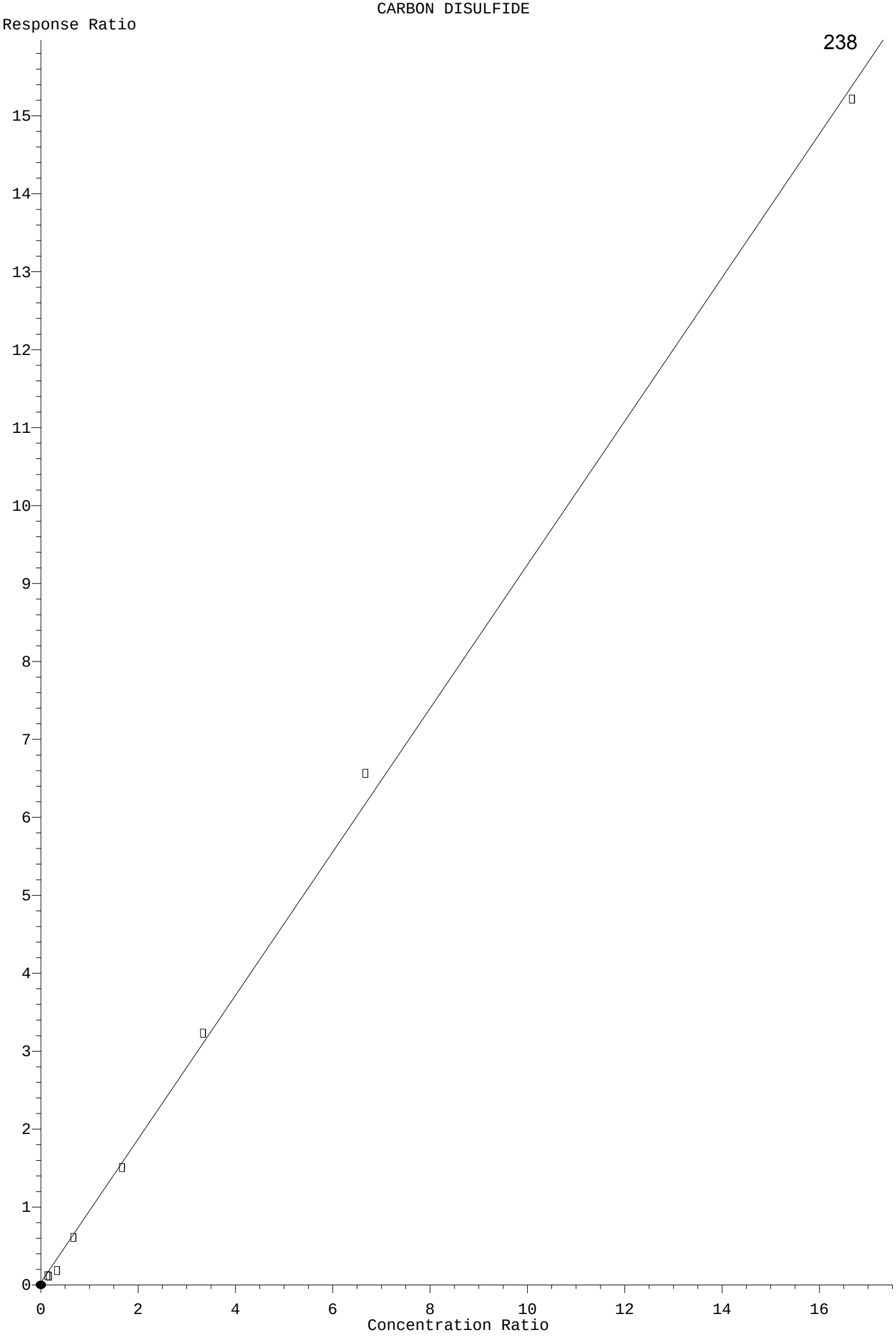
IODOMETHANE

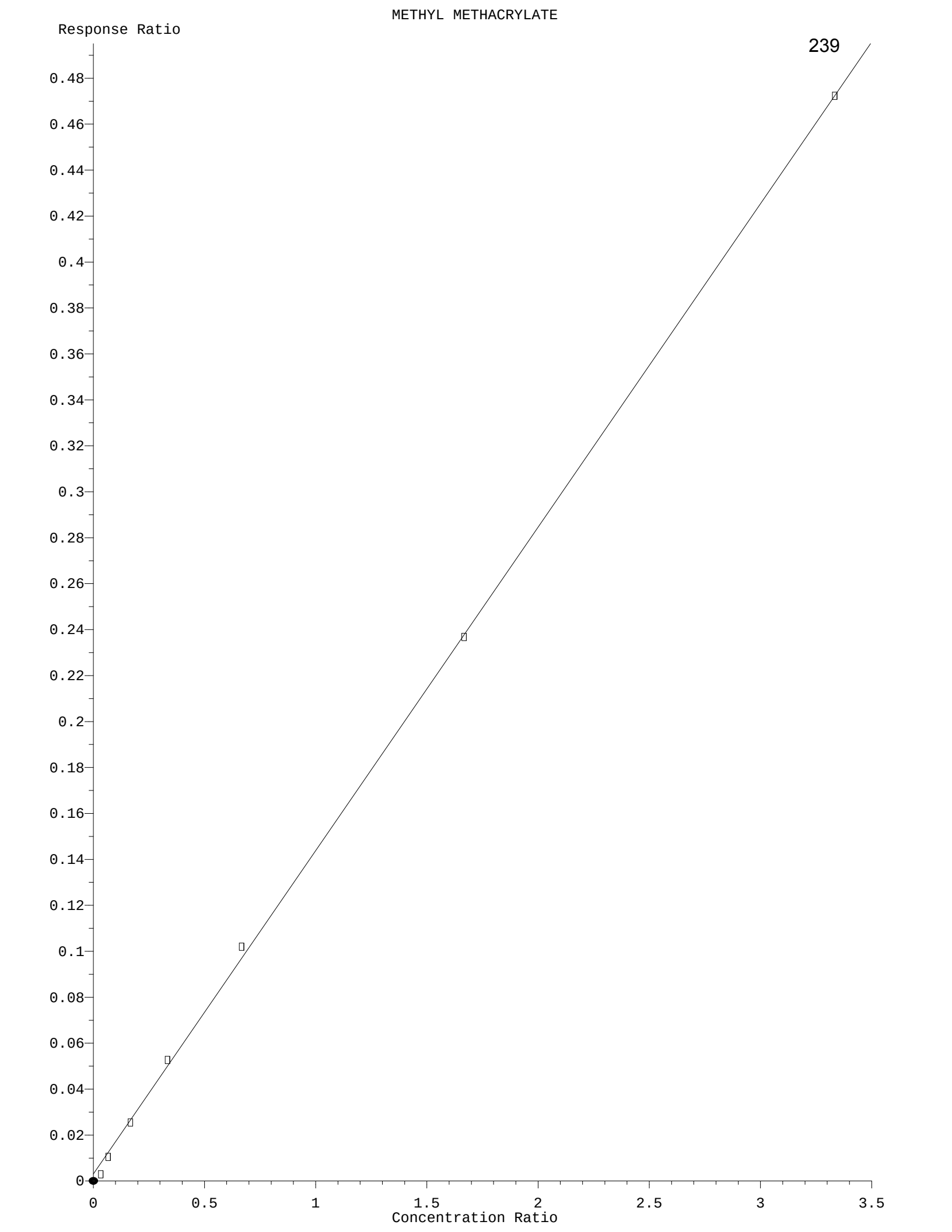


METHYLENE CHLORIDE



CARBON DISULFIDE

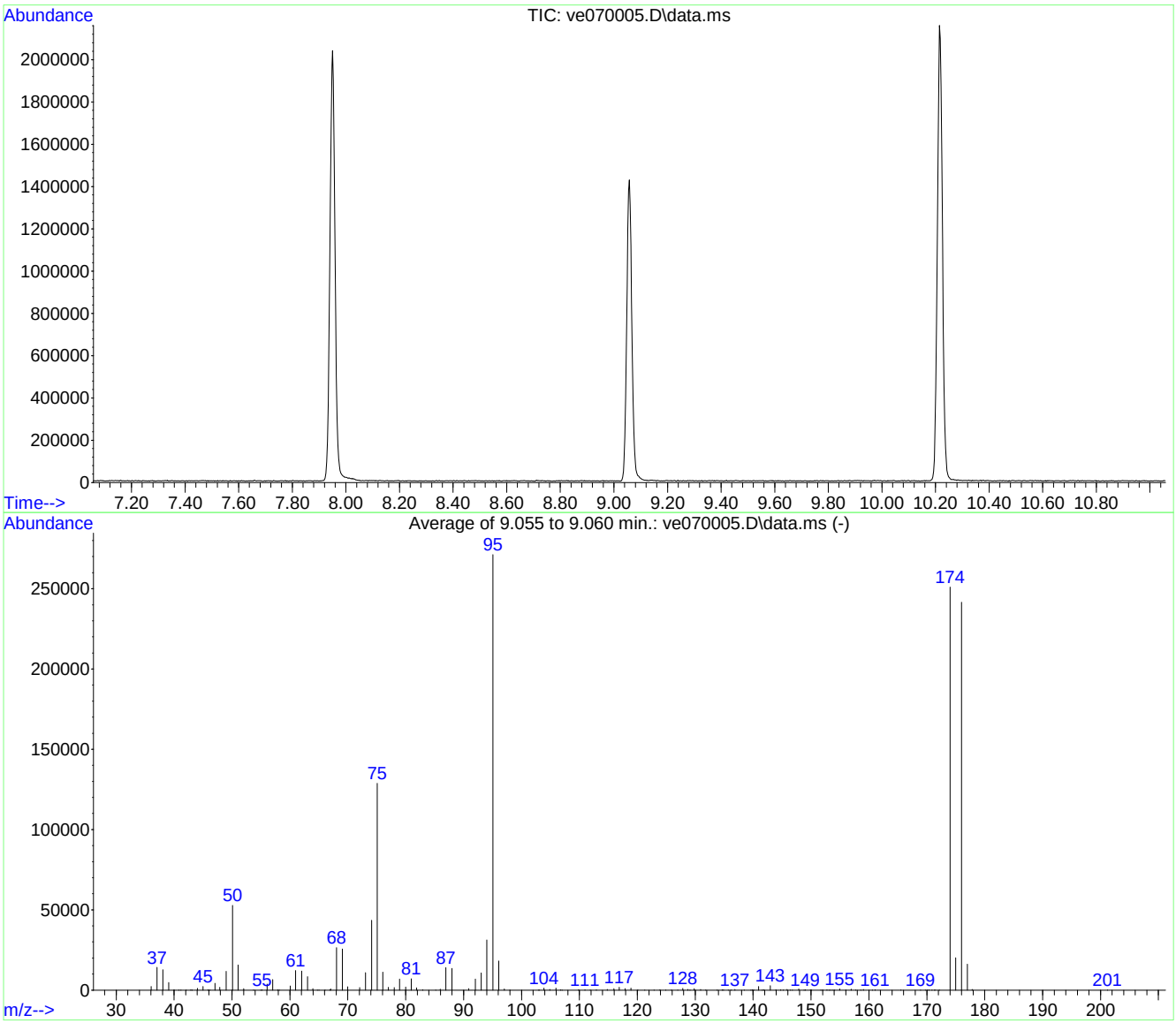



METHYL METHACRYLATE
Response Ratio
239
0.48
0.46
0.44
0.42
0.4
0.38
0.36
0.34
0.32
0.3
0.28
0.26
0.24
0.22
0.2
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
0
0.5
1
1.5
2
2.5
3
3.5
Concentration Ratio

Data Path : C:\msdchem\1\DATA\031113\
Data File : ve070005.D
Acq On : 11 Mar 2013 11:58 am
Operator :
Sample : BLK
Misc : 1
ALS Vial : 5 Sample Multiplier: 1

Integration File: 8260B.P

Method : C:\msdchem\1\METHODS\E031113W.m
Title : 8260 WATER 5MLS VOAMS 5973 #5
Last Update : Tue Mar 12 09:30:20 2013



AutoFind: Scans 2929, 2930, 2931; Background Corrected with Scan 2914

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.4	52731	PASS
75	95	30	60	47.5	128827	PASS
95	95	100	100	100.0	271168	PASS
96	95	5	9	6.7	18165	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	92.5	250944	PASS
175	174	5	9	8.0	20117	PASS
176	174	95	101	96.3	241621	PASS
177	176	5	9	6.7	16239	PASS

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\031113\
Data File : ve070006.D
Acq On : 11 Mar 2013 12:24 pm
Operator :
Sample : 8260STD 0.4PPB 1302132 Inst : GCMSVOA5
Misc : 1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 12 09:04:35 2013
Quant Method : C:\msdchem\1\METHODS\E012213W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Wed Jan 23 09:21:21 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.320	168	702362	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.081	114	998691	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.950	82	487561	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.218	152	478711	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.239	65	315384	25.08	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.32%			
48) TOLUENE SS	6.690	98	990144	25.37	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.48%			
70) 4-BROMOFLUOROBENZENE SS	9.057	95	363885	23.80	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.20%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.956	85	3081	0.31	UG/L #	86
4) DIFLUOROCHLOROMETHANE	0.000		0	N.D.		
5) CHLOROMETHANE	1.032	50	5363	0.68	UG/L	97
6) VINYL CHLORIDE	1.115	62	2929m	0.56	UG/L	
7) BROMOMETHANE	1.297	94	9985	2.48	UG/L	87
8) CHLOROETHANE	1.372	64	1766	0.51	UG/L #	51
9) Ethanol	0.000		0	N.D. d		
10) FLUORODICHLOROMETHANE	1.405	67	5472	0.49	UG/L	90
11) TRICHLOROFLUOROMETHANE	1.676	101	4064	0.44	UG/L	96
12) DI ETHYL ETHER	1.846	59	2425	0.59	UG/L #	84
13) ACROLEIN	1.682	56	5389	4.51	UG/L #	60
14) ACETONE	1.765	43	17435	8.83	UG/L	88
15) 1,1-DICHLOROETHENE	2.002	61	4362	0.39	UG/L	90
16) 1,1,2-TRICL-1,2,2-TRIF...	2.170	101	2905	0.40	UG/L	83
17) IODOMETHANE	2.011	142	10332	2.49	UG/L	92
18) ALLYL CHLORIDE	2.234	41	625	No Calib	#	
19) METHYL ACETATE	2.200	43	3406	0.44	UG/L #	88
20) T-BUTYL ALCOHOL	2.061	59	2590m	4.34	UG/L	
21) ACRYLONITRILE	2.075	53	1560	0.58	UG/L	92
22) METHYLENE CHLORIDE	2.119	49	31403	3.20	UG/L	94
23) CARBON DISULFIDE	2.217	76	82515	3.38	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.803	73	5803	0.34	UG/L #	47
25) TRANS 1,2-DICHLOROETHENE	2.652	61	4209	0.40	UG/L	97
26) 1,1-DICHLOROETHANE	2.881	63	5032	0.38	UG/L #	78
27) PROPIONITRILE	0.000		0	N.D.		
28) VINYL ACETATE	3.129	43	60545	4.18	UG/L	95
29) CHLOROPRENE	0.000		0	N.D.		
30) DI ISOPROYL ETHER	3.450	45	8244	0.43	UG/L #	87
31) 2-BUTANONE	3.408	43	8549	2.75	UG/L #	81
32) METHACRYLONITRILE	3.731	41	3023	No Calib		
33) T-BUTYL ETHYL ETHER	3.845	59	6457	0.35	UG/L #	54
34) CIS-1,2-DICHLOROETHENE	3.475	61	4107	0.38	UG/L #	86
35) 2,2-DICHLOROPROPANE	3.748	77	4153	0.39	UG/L #	89
36) ETHYL ACETATE	0.000		0	N.D.		
37) BROMOCHLOROMETHANE	3.620	49	2730	0.49	UG/L #	84
38) TETRAHYDROFURAN	4.043	42	1719m	0.90	UG/L	
39) CHLOROFORM	3.684	83	4944	0.36	UG/L #	63
40) ISOBUTANOL	4.002	43	620	No Calib	#	
41) 1,1,1-TRICHLOROETHANE	4.386	97	4355	0.36	UG/L #	60
42) CYCLOHEXANE	4.635	56	4780	0.40	UG/L #	77
43) CARBON TETRACHLORIDE	4.721	117	3672	0.35	UG/L	91
44) 1,1-DICHLOROPROPENE	4.590	75	3866	0.36	UG/L #	79
45) BENZENE	4.780	78	11022	0.37	UG/L	100
46) T-AMYLMETHYL ETHER	5.025	73	5816	0.35	UG/L #	85
49) 1,2-DICHLOROETHANE	4.320	62	6445	0.65	UG/L #	1
50) METHYL METHACRYLATE	5.839	41	2606m	0.55	UG/L	
51) TRICHLOROETHENE	5.393	95	3333	0.42	UG/L #	80
52) METHYLCYCLOHEXANE	5.845	83	4588	0.41	UG/L	88

Data Path : C:\msdchem\1\DATA\031113\
Data File : ve070006.D
Acq On : 11 Mar 2013 12:24 pm
Operator :
Sample : 8260STD 0.4PPB 1302132 Inst : GCMSVOA5
Misc : 1
ALS Vial : 6 Sample Multiplier: 1

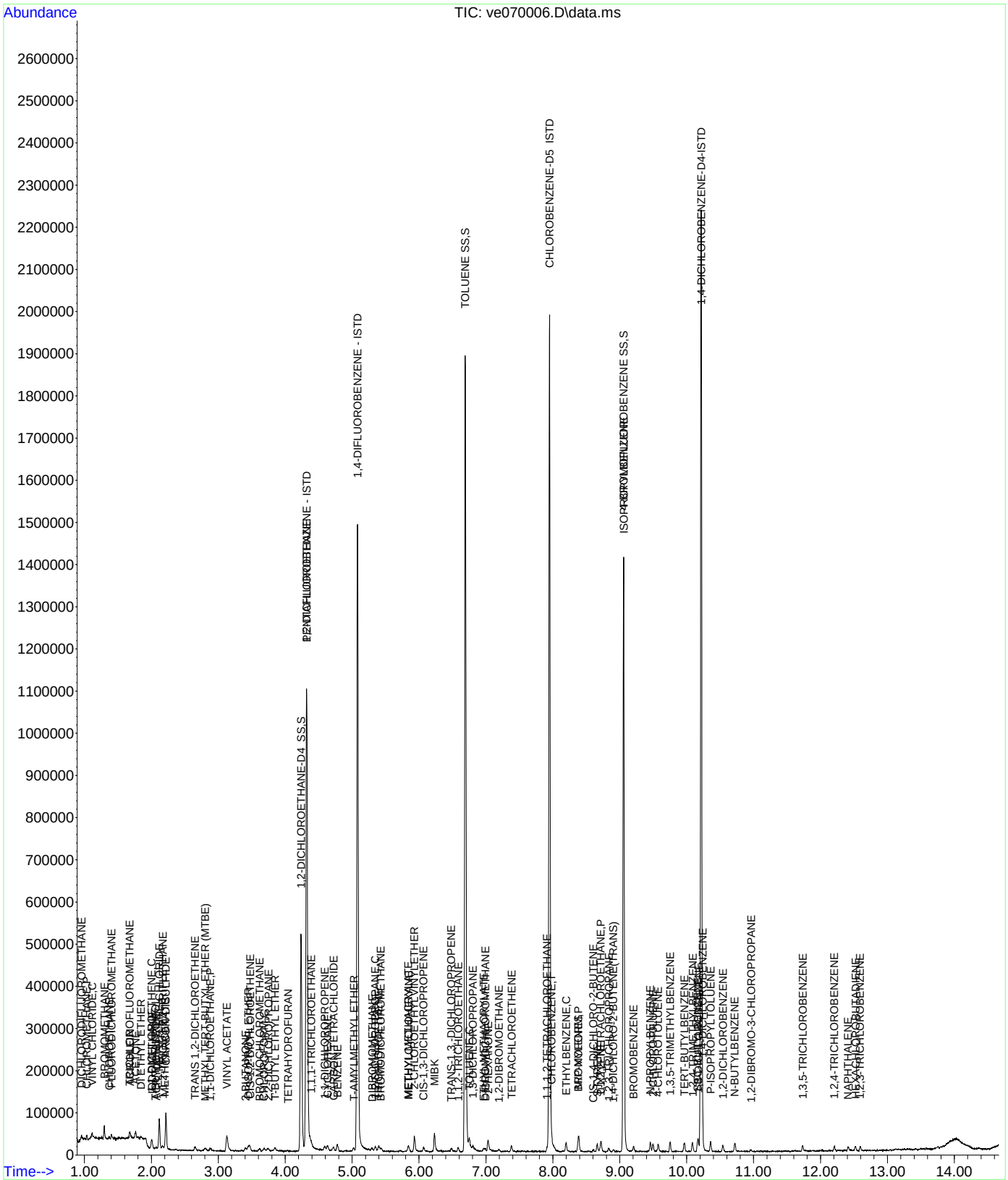
Quant Time: Mar 12 09:04:35 2013
Quant Method : C:\msdchem\1\METHODS\E012213W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Wed Jan 23 09:21:21 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
53) 1,2-DICHLOROPROPANE	5.346	63	2663	0.38 UG/L #	95
54) DIBROMOMETHANE	5.301	93	1865	0.41 UG/L #	66
55) 1,4-DIOXANE	0.000		0	N.D.	
56) BROMODICHLOROMETHANE	5.429	83	3278	0.34 UG/L #	89
57) 2-CHLOROETHYLVINYLETHER	5.929	63	12902	3.31 UG/L #	82
58) MIBK	6.230	43	26855	4.46 UG/L	93
59) CIS-1,3-DICHLOROPROPENE	6.065	75	4040	0.37 UG/L #	49
60) TOLUENE	6.751	91	10984	0.37 UG/L	95
61) TRANS-1,3,-DICHLOROPRO...	6.481	75	3505	0.40 UG/L #	86
62) ETHYL METHACRYLATE	6.966	69	2411	0.28 UG/L #	70
63) 1,1,2-TRICHLOROETHANE	6.590	97	2401	0.39 UG/L #	91
64) 2-HEXANONE	7.033	43	17461	4.06 UG/L	86
65) TETRACHLOROETHENE	7.384	166	3203	0.38 UG/L	92
66) 1,3-DICHLOROPROPANE	6.807	76	3665	0.37 UG/L	92
67) DIBROMOCHLOROMETHANE	6.991	129	2605	0.36 UG/L #	51
68) 1,2-DIBROMOETHANE	7.195	107	2365	0.36 UG/L #	99
71) CHLOROBENZENE	7.981	112	6490	0.38 UG/L #	31
72) 1,1,1,2-TETRACHLOROETHANE	7.914	131	2503	0.40 UG/L #	1
73) ETHYLBENZENE	8.199	91	12650	0.41 UG/L	96
74) M/P-XYLENES	8.380	91	18311	0.77 UG/L	96
75) 0-XYLENE	8.720	91	8786	0.39 UG/L	95
76) STYRENE	8.664	104	6696	0.38 UG/L	96
77) BROMOFORM	8.377	173	1510m	0.34 UG/L	
78) ISOPROPYLBENZENE	9.060	105	11600	0.40 UG/L	96
79) CIS-1,4-DICHLORO-2-BUTENE	8.603	53	992	0.50 UG/L #	80
80) 1,1,2,2-TETRACHLOROETHANE	8.714	83	3301	0.43 UG/L #	90
81) 1,4-DICHLORO-2-BUTENE(...	8.901	53	1269	0.66 UG/L #	34
82) BROMOBENZENE	9.205	77	4585	0.39 UG/L #	82
83) 1,2,3-TRICHLOROPROPANE	8.837	75	2890	0.48 UG/L	90
84) N-PROPYLBENZENE	9.456	91	13060	0.38 UG/L	100
85) 2-CHLOROT0LUENE	9.498	91	7248	0.37 UG/L	100
86) 1,3,5-TRIMETHYLBENZENE	9.752	105	9264	0.36 UG/L	98
87) 4-CHLOROTOLUENE	9.573	91	8011	0.39 UG/L	89
89) TERT-BUTYLBENZENE	9.967	119	7544	0.38 UG/L	86
90) 1,2,4-TRIMETHYLBENZENE	10.089	105	9485	0.38 UG/L	94
91) SEC-BUTYLBENZENE	10.165	105	11758	0.38 UG/L	99
92) 1,3-DICHLOROBENZENE	10.176	146	4957	0.38 UG/L #	87
93) P-ISOPROPYLTOLUENE	10.357	119	9182	0.37 UG/L	94
94) 1,4-DICHLOROBENZENE	10.240	146	5719	0.39 UG/L #	55
95) N-BUTYLBENZENE	10.717	91	9433	0.38 UG/L	96
96) 1,2-DICHLOROBENZENE	10.544	146	4923	0.39 UG/L	95
97) 1,2-DIBROMO-3-CHLOROPR...	10.962	75	805m	0.64 UG/L	
98) 1,3,5-TRICHLOROBENZENE	11.737	180	3220	0.32 UG/L	86
99) 1,2,4-TRICHLOROBENZENE	12.206	180	2887	0.34 UG/L	97
100) HEXACHLOROBUTADIENE	12.527	225	1743	0.35 UG/L #	44
101) NAPHTHALENE	12.412	128	5776	0.30 UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.591	180	2183	0.30 UG/L	98

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

Data Path : C:\msdchem\1\DATA\031113\
Data File : ve070006.D
Acq On : 11 Mar 2013 12:24 pm
Operator :
Sample : 8260STD 0.4PPB 1302132 Inst : GCMSVOA5
Misc : 1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 12 09:04:35 2013
Quant Method : C:\msdchem\1\METHODS\E012213W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Wed Jan 23 09:21:21 2013
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\031113\
Data File : ve070007.D
Acq On : 11 Mar 2013 12:51 pm
Operator :
Sample : 8260STD 0.5PPB 1302133 Inst : GCMSVOA5
Misc : 1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 12 09:11:38 2013
Quant Method : C:\msdchem\1\METHODS\E012213W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Wed Jan 23 08:59:15 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.320	168	731698	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.081	114	1038217	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	498534	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	467320	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	323855	24.72	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.88%			
48) TOLUENE SS	6.690	98	1017846	25.09	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.36%			
70) 4-BROMOFLUOROBENZENE SS	9.058	95	376278	24.07	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.28%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.954	85	3004	0.29	UG/L #	86
4) DIFLUOROCHLOROMETHANE	0.000		0	N.D.		
5) CHLOROMETHANE	1.029	50	5684	0.69	UG/L	94
6) VINYL CHLORIDE	1.113	62	2956m	0.54	UG/L	
7) BROMOMETHANE	1.297	94	8270	1.97	UG/L	99
8) CHLOROETHANE	1.372	64	1780	0.50	UG/L #	85
9) Ethanol	0.000		0	N.D. d		
10) FLUORODICHLOROMETHANE	1.403	67	5481	0.47	UG/L #	70
11) TRICHLOROFLUOROMETHANE	1.671	101	3874	0.40	UG/L	96
12) DI ETHYL ETHER	1.841	59	2430	0.57	UG/L #	71
13) ACROLEIN	1.679	56	5527	4.44	UG/L	99
14) ACETONE	1.763	43	17893	8.69	UG/L	93
15) 1,1-DICHLOROETHENE	1.997	61	4357	0.38	UG/L #	89
16) 1,1,2-TRICL-1,2,2-TRIF...	2.159	101	2304m	0.30	UG/L	
17) IODOMETHANE	2.005	142	21040	3.24	UG/L	95
18) ALLYL CHLORIDE	2.114	41	1223	No Calib	#	
19) METHYL ACETATE	2.195	43	3482	0.43	UG/L #	87
20) T-BUTYL ALCOHOL	2.069	59	2808	4.52	UG/L #	48
21) ACRYLONITRILE	2.072	53	1217m	0.43	UG/L	
22) METHYLENE CHLORIDE	2.117	49	32439	3.17	UG/L	93
23) CARBON DISULFIDE	2.217	76	82405	3.24	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.808	73	7053m	0.40	UG/L	
25) TRANS 1,2-DICHLOROETHENE	2.649	61	4249	0.39	UG/L	98
26) 1,1-DICHLOROETHANE	2.878	63	5496	0.40	UG/L	97
27) PROPIONITRILE	0.000		0	N.D.		
28) VINYL ACETATE	3.123	43	66883	4.43	UG/L #	95
29) CHLOROPRENE	0.000		0	N.D.		
30) DI ISOPROYL ETHER	3.452	45	10131m	0.51	UG/L	
31) 2-BUTANONE	3.399	43	11241m	3.47	UG/L	
32) METHACRYLONITRILE	3.740	41	2109	No Calib	#	
33) T-BUTYL ETHYL ETHER	3.843	59	7446	0.39	UG/L #	87
34) CIS-1,2-DICHLOROETHENE	3.475	61	4323	0.38	UG/L	94
35) 2,2-DICHLOROPROPANE	3.740	77	4164	0.37	UG/L #	55
36) ETHYL ACETATE	3.823	43	3741m	0.56	UG/L	
37) BROMOCHLOROMETHANE	3.609	49	3336m	0.57	UG/L	
38) TETRAHYDROFURAN	4.021	42	1684m	0.84	UG/L	
39) CHLOROFORM	3.689	83	5595	0.39	UG/L	94
40) ISOBUTANOL	3.823	43	2337	No Calib	#	
41) 1,1,1-TRICHLOROETHANE	4.392	97	3911	0.31	UG/L #	47
42) CYCLOHEXANE	4.629	56	4528	0.37	UG/L #	78
43) CARBON TETRACHLORIDE	4.718	117	3457	0.32	UG/L	98
44) 1,1-DICHLOROPROPENE	4.585	75	4017m	0.36	UG/L	
45) BENZENE	4.777	78	11295	0.37	UG/L	100
46) T-AMYLMETHYL ETHER	5.017	73	5689	0.33	UG/L #	91
49) 1,2-DICHLOROETHANE	4.314	62	6447	0.62	UG/L #	1
50) METHYL METHACRYLATE	5.840	41	2356	0.48	UG/L #	51
51) TRICHLOROETHENE	5.396	95	3209	0.39	UG/L	91
52) METHYLCYCLOHEXANE	5.842	83	4043	0.34	UG/L #	95

Data Path : C:\msdchem\1\DATA\031113\
Data File : ve070007.D
Acq On : 11 Mar 2013 12:51 pm
Operator :
Sample : 8260STD 0.5PPB 1302133 Inst : GCMSVOA5
Misc : 1
ALS Vial : 7 Sample Multiplier: 1

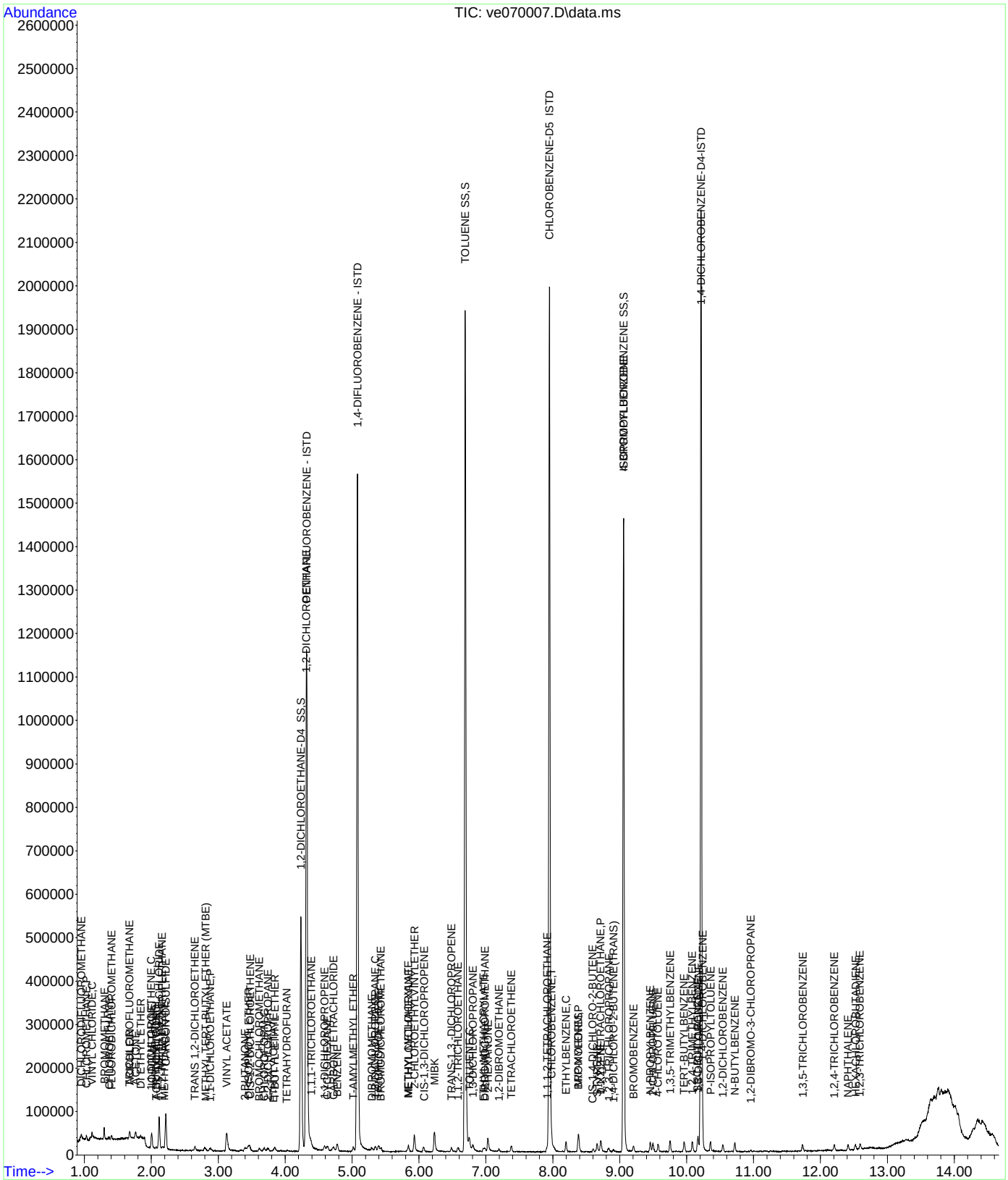
Quant Time: Mar 12 09:11:38 2013
Quant Method : C:\msdchem\1\METHODS\E012213W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Wed Jan 23 08:59:15 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
53) 1,2-DICHLOROPROPANE	5.346	63	3007	0.41 UG/L #	95
54) DIBROMOMETHANE	5.296	93	2306m	0.48 UG/L	
55) 1,4-DIOXANE	0.000		0	N.D.	
56) BROMODICHLOROMETHANE	5.430	83	3760	0.38 UG/L #	90
57) 2-CHLOROETHYLVINYLETHER	5.934	63	14281	3.53 UG/L #	83
58) MIBK	6.230	43	29311	4.68 UG/L	92
59) CIS-1,3-DICHLOROPROPENE	6.077	75	4596	0.41 UG/L #	72
60) TOLUENE	6.754	91	11557	0.37 UG/L	94
61) TRANS-1,3,-DICHLOROPRO...	6.484	75	3567	0.39 UG/L	96
62) ETHYL METHACRYLATE	6.963	69	3060	0.35 UG/L #	74
63) 1,1,2-TRICHLOROETHANE	6.581	97	2733m	0.43 UG/L	
64) 2-HEXANONE	7.030	43	20583	4.60 UG/L	85
65) TETRACHLOROETHENE	7.379	166	3043	0.35 UG/L	95
66) 1,3-DICHLOROPROPANE	6.804	76	4338	0.42 UG/L #	80
67) DIBROMOCHLOROMETHANE	6.986	129	2753	0.36 UG/L	92
68) 1,2-DIBROMOETHANE	7.195	107	2537	0.37 UG/L #	99
71) CHLOROBENZENE	7.978	112	7330	0.42 UG/L #	49
72) 1,1,1,2-TETRACHLOROETHANE	7.917	131	2789	0.43 UG/L #	1
73) ETHYLBENZENE	8.196	91	12987	0.42 UG/L	94
74) M/P-XYLENES	8.383	91	20138	0.83 UG/L	94
75) 0-XYLENE	8.720	91	9484	0.41 UG/L	98
76) STYRENE	8.662	104	7180	0.39 UG/L #	85
77) BROMOFORM	8.377	173	1846	0.40 UG/L #	34
78) ISOPROPYLBENZENE	9.058	105	12306	0.41 UG/L	94
79) CIS-1,4-DICHLORO-2-BUTENE	8.595	53	1288	0.64 UG/L	91
80) 1,1,2,2-TETRACHLOROETHANE	8.712	83	3582	0.46 UG/L #	94
81) 1,4-DICHLORO-2-BUTENE(...	8.904	53	1332	0.67 UG/L #	34
82) BROMOBENZENE	9.205	77	4838	0.41 UG/L	87
83) 1,2,3-TRICHLOROPROPANE	8.837	75	2942	0.47 UG/L #	86
84) N-PROPYLBENZENE	9.456	91	13028	0.37 UG/L	99
85) 2-CHLOROT0LUENE	9.495	91	7520	0.37 UG/L	98
86) 1,3,5-TRIMETHYLBENZENE	9.752	105	9361	0.36 UG/L	97
87) 4-CHLOROTOLUENE	9.571	91	8453	0.40 UG/L	95
89) TERT-BUTYLBENZENE	9.961	119	8406	0.43 UG/L	93
90) 1,2,4-TRIMETHYLBENZENE	10.081	105	10194	0.42 UG/L	98
91) SEC-BUTYLBENZENE	10.162	105	12068	0.40 UG/L	96
92) 1,3-DICHLOROBENZENE	10.176	146	5401	0.42 UG/L #	87
93) P-ISOPROPYLTOLUENE	10.357	119	9870	0.41 UG/L	95
94) 1,4-DICHLOROBENZENE	10.240	146	6573	0.46 UG/L #	52
95) N-BUTYLBENZENE	10.720	91	9363	0.39 UG/L	99
96) 1,2-DICHLOROBENZENE	10.541	146	5088	0.42 UG/L	94
97) 1,2-DIBROMO-3-CHLOROPR...	10.957	75	884m	0.72 UG/L	
98) 1,3,5-TRICHLOROBENZENE	11.735	180	3559	0.37 UG/L	96
99) 1,2,4-TRICHLOROBENZENE	12.203	180	3323	0.40 UG/L	100
100) HEXACHLOROBUTADIENE	12.524	225	1642	0.34 UG/L #	77
101) NAPHTHALENE	12.412	128	7214	0.39 UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.588	180	2564m	0.36 UG/L	

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

Data Path : C:\msdchem\1\DATA\031113\
Data File : ve070007.D
Acq On : 11 Mar 2013 12:51 pm
Operator :
Sample : 8260STD 0.5PPB 1302133 Inst : GCMSVOA5
Misc : 1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 12 09:11:38 2013
Quant Method : C:\msdchem\1\METHODS\E012213W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Wed Jan 23 08:59:15 2013
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\031113\
Data File : ve070008.D
Acq On : 11 Mar 2013 1:17 pm
Operator :
Sample : 8260STD 1.0PPB 1302134 Inst : GCMSVOA5
Misc : 1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 12 09:14:01 2013
Quant Method : C:\msdchem\1\METHODS\E012213W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Wed Jan 23 08:59:15 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.322	168	707972	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.081	114	1009387	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.950	82	494659	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	478952	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.239	65	313235	24.71	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.84%			
48) TOLUENE SS	6.693	98	981909	24.89	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.56%			
70) 4-BROMOFLUOROBENZENE SS	9.057	95	359975	23.21	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.84%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.956	85	3881	0.39	UG/L	97
4) DIFLUOROCHLOROMETHANE	0.000		0	N.D.		
5) CHLOROMETHANE	1.035	50	9560	1.20	UG/L	95
6) VINYL CHLORIDE	1.118	62	4223m	0.79	UG/L	
7) BROMOMETHANE	1.297	94	7776	1.91	UG/L	83
8) CHLOROETHANE	1.372	64	2524	0.73	UG/L #	54
9) Ethanol	1.846	45	3471	No Calib	#	
10) FLUORODICHLOROMETHANE	1.405	67	7831	0.70	UG/L	90
11) TRICHLOROFLUOROMETHANE	1.676	101	4622	0.50	UG/L	91
12) DI ETHYL ETHER	1.843	59	4807	1.16	UG/L #	88
13) ACROLEIN	1.682	56	12197	10.13	UG/L	99
14) ACETONE	1.765	43	28213	14.17	UG/L #	88
15) 1,1-DICHLOROETHENE	2.002	61	6185	0.55	UG/L #	94
16) 1,1,2-TRICL-1,2,2-TRIF...	2.172	101	3080	0.42	UG/L #	68
17) IODOMETHANE	2.008	142	56766	5.97	UG/L	99
18) ALLYL CHLORIDE	2.119	41	1038	No Calib	#	
19) METHYL ACETATE	2.203	43	6385	0.81	UG/L #	86
20) T-BUTYL ALCOHOL	2.069	59	6252m	10.40	UG/L	
21) ACRYLONITRILE	2.078	53	3560m	1.31	UG/L	
22) METHYLENE CHLORIDE	2.119	49	34687	3.50	UG/L	94
23) CARBON DISULFIDE	2.217	76	130243	5.30	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.805	73	14132	0.83	UG/L #	68
25) TRANS 1,2-DICHLOROETHENE	2.655	61	6922	0.66	UG/L	99
26) 1,1-DICHLOROETHANE	2.883	63	9908	0.74	UG/L	98
27) PROPIONITRILE	0.000		0	N.D.		
28) VINYL ACETATE	3.126	43	141688	9.70	UG/L	96
29) CHLOROPRENE	0.000		0	N.D.		
30) DI ISOPROYL ETHER	3.447	45	16905	0.88	UG/L	99
31) 2-BUTANONE	3.399	43	30190m	9.65	UG/L	
32) METHACRYLONITRILE	3.745	41	4266	No Calib	#	
33) T-BUTYL ETHYL ETHER	3.851	59	15131	0.82	UG/L	96
34) CIS-1,2-DICHLOROETHENE	3.472	61	8451	0.77	UG/L	97
35) 2,2-DICHLOROPROPANE	3.745	77	6716	0.62	UG/L	98
36) ETHYL ACETATE	3.809	43	6561m	1.01	UG/L	
37) BROMOCHLOROMETHANE	3.614	49	6147	1.09	UG/L #	86
38) TETRAHYDROFURAN	4.041	42	2814m	1.46	UG/L	
39) CHLOROFORM	3.689	83	9668	0.70	UG/L	98
40) ISOBUTANOL	0.000		0	N.D. d		
41) 1,1,1-TRICHLOROETHANE	4.392	97	6213	0.51	UG/L #	51
42) CYCLOHEXANE	4.632	56	6406m	0.54	UG/L	
43) CARBON TETRACHLORIDE	4.718	117	5092	0.48	UG/L	90
44) 1,1-DICHLOROPROPENE	4.590	75	6408m	0.59	UG/L	
45) BENZENE	4.782	78	20544	0.69	UG/L	100
46) T-AMYLMETHYL ETHER	5.028	73	13197	0.78	UG/L #	90
49) 1,2-DICHLOROETHANE	4.314	62	10394	1.03	UG/L #	1
50) METHYL METHACRYLATE	5.842	41	2903	0.61	UG/L #	58
51) TRICHLOROETHENE	5.402	95	4941	0.62	UG/L	94
52) METHYLCYCLOHEXANE	5.845	83	4850	0.42	UG/L #	93

Data Path : C:\msdchem\1\DATA\031113\
Data File : ve070008.D
Acq On : 11 Mar 2013 1:17 pm
Operator :
Sample : 8260STD 1.0PPB 1302134 Inst : GCMSVOA5
Misc : 1
ALS Vial : 8 Sample Multiplier: 1

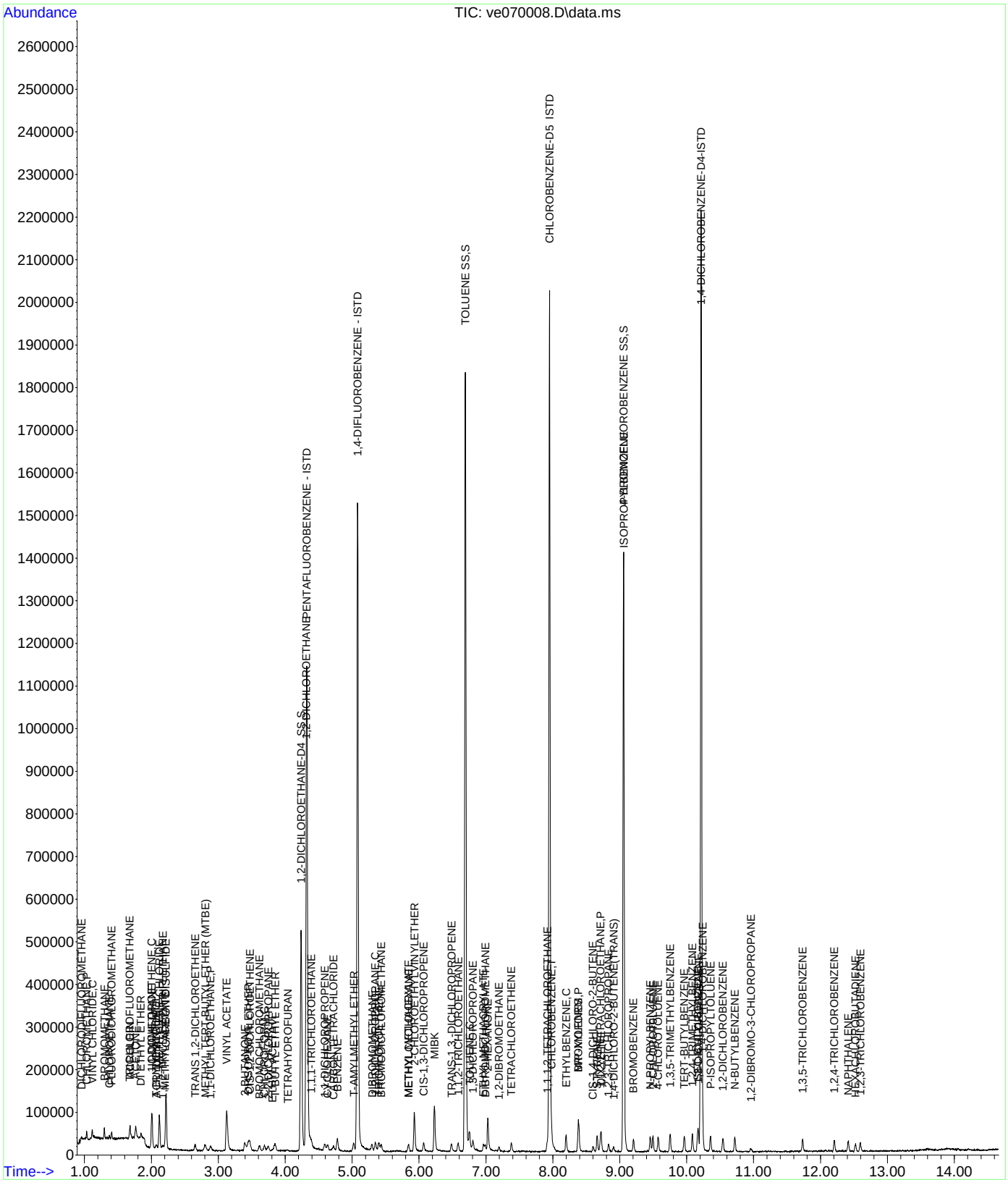
Quant Time: Mar 12 09:14:01 2013
Quant Method : C:\msdchem\1\METHODS\E012213W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Wed Jan 23 08:59:15 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
53) 1,2-DICHLOROPROPANE	5.346	63	5918	0.84 UG/L #	95
54) DIBROMOMETHANE	5.301	93	3771	0.81 UG/L	89
55) 1,4-DIOXANE	0.000		0	N.D.	
56) BROMODICHLOROMETHANE	5.435	83	7725	0.79 UG/L	95
57) 2-CHLOROETHYLVINYLETHER	5.931	63	32658	8.30 UG/L	91
58) MIBK	6.230	43	66858	10.98 UG/L	91
59) CIS-1,3-DICHLOROPROPENE	6.071	75	9178	0.84 UG/L	95
60) TOLUENE	6.757	91	21082	0.70 UG/L	99
61) TRANS-1,3,-DICHLOROPRO...	6.486	75	8189	0.92 UG/L	92
62) ETHYL METHACRYLATE	6.960	69	7188	0.84 UG/L	98
63) 1,1,2-TRICHLOROETHANE	6.587	97	5463	0.87 UG/L	97
64) 2-HEXANONE	7.027	43	44557	10.25 UG/L	91
65) TETRACHLOROETHENE	7.379	166	4789	0.57 UG/L	95
66) 1,3-DICHLOROPROPANE	6.804	76	9127	0.90 UG/L	93
67) DIBROMOCHLOROMETHANE	6.991	129	5636	0.76 UG/L	95
68) 1,2-DIBROMOETHANE	7.195	107	5516	0.82 UG/L #	97
71) CHLOROBENZENE	7.978	112	13816	0.80 UG/L	99
72) 1,1,1,2-TETRACHLOROETHANE	7.920	131	5244	0.82 UG/L #	1
73) ETHYLBENZENE	8.199	91	21751	0.70 UG/L	95
74) M/P-XYLENES	8.383	91	34462	1.43 UG/L	95
75) 0-XYLENE	8.723	91	17786	0.77 UG/L	93
76) STYRENE	8.661	104	13997	0.77 UG/L	90
77) BROMOFORM	8.383	173	3995	0.88 UG/L #	89
78) ISOPROPYLBENZENE	9.060	105	19164	0.65 UG/L	96
79) CIS-1,4-DICHLORO-2-BUTENE	8.597	53	2169	1.09 UG/L #	84
80) 1,1,2,2-TETRACHLOROETHANE	8.712	83	7500	0.97 UG/L	99
81) 1,4-DICHLORO-2-BUTENE(...	8.910	53	2293	1.17 UG/L #	85
82) BROMOBENZENE	9.202	77	9976	0.84 UG/L	85
83) 1,2,3-TRICHLOROPROPANE	8.832	75	6108	0.99 UG/L	90
84) N-PROPYLBENZENE	9.453	91	22222	0.64 UG/L	93
85) 2-CHLOROT0LUENE	9.498	91	13491	0.68 UG/L	100
86) 1,3,5-TRIMETHYLBENZENE	9.752	105	17634	0.68 UG/L	96
87) 4-CHLOROTOLUENE	9.573	91	15928	0.76 UG/L	94
89) TERT-BUTYLBENZENE	9.964	119	13059	0.65 UG/L	90
90) 1,2,4-TRIMETHYLBENZENE	10.084	105	17990	0.73 UG/L	96
91) SEC-BUTYLBENZENE	10.167	105	18013	0.58 UG/L	96
92) 1,3-DICHLOROBENZENE	10.176	146	10942	0.83 UG/L	94
93) P-ISOPROPYLTOLUENE	10.357	119	16354	0.67 UG/L	96
94) 1,4-DICHLOROBENZENE	10.240	146	12187	0.84 UG/L #	85
95) N-BUTYLBENZENE	10.720	91	15324	0.62 UG/L	92
96) 1,2-DICHLOROBENZENE	10.541	146	10110	0.81 UG/L	96
97) 1,2-DIBROMO-3-CHLOROPR...	10.959	75	1440	1.15 UG/L #	70
98) 1,3,5-TRICHLOROBENZENE	11.732	180	6699	0.67 UG/L	97
99) 1,2,4-TRICHLOROBENZENE	12.203	180	6341	0.74 UG/L	91
100) HEXACHLOROBUTADIENE	12.521	225	2726	0.55 UG/L #	44
101) NAPHTHALENE	12.415	128	13656	0.71 UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.596	180	5436	0.74 UG/L	91

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

Data Path : C:\msdchem\1\DATA\031113\
Data File : ve070008.D
Acq On : 11 Mar 2013 1:17 pm
Operator :
Sample : 8260STD 1.0PPB 1302134 Inst : GCMSVOA5
Misc : 1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 12 09:14:01 2013
Quant Method : C:\msdchem\1\METHODS\E012213W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Wed Jan 23 08:59:15 2013
Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\031113\
Data File : ve070009.D
Acq On : 11 Mar 2013 1:44 pm
Operator :
Sample : 8260STD 2.0PPB 1302135 Inst : GCMSVOA5
Misc : 1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 12 09:16:42 2013
Quant Method : C:\msdchem\1\METHODS\E012213W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Wed Jan 23 08:59:15 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.322	168	685388	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.081	114	989271	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.950	82	467275	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	461481	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	307020	25.02	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.08%			
48) TOLUENE SS	6.693	98	969314	25.08	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.32%			
70) 4-BROMOFLUOROBENZENE SS	9.055	95	358448	24.46	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.84%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.956	85	15495	1.61	UG/L	98
4) DIFLUOROCHLOROMETHANE	0.000		0	N.D.		
5) CHLOROMETHANE	1.035	50	20069	2.61	UG/L	96
6) VINYL CHLORIDE	1.115	62	16375	3.18	UG/L	94
7) BROMOMETHANE	1.297	94	12290	3.12	UG/L	99
8) CHLOROETHANE	1.372	64	8088	2.40	UG/L #	84
9) Ethanol	1.846	45	8364	No Calib	#	
10) FLUORODICHLOROMETHANE	1.403	67	22748	2.09	UG/L #	86
11) TRICHLOROFLUOROMETHANE	1.673	101	18749	2.07	UG/L	98
12) DI ETHYL ETHER	1.846	59	10394	2.60	UG/L	91
13) ACROLEIN	1.684	56	23284	19.97	UG/L	92
14) ACETONE	1.762	43	55668	28.88	UG/L #	84
15) 1,1-DICHLOROETHENE	2.002	61	21471	1.97	UG/L	91
16) 1,1,2-TRICL-1,2,2-TRIF...	2.172	101	11492	1.62	UG/L	93
17) IODOMETHANE	2.008	142	180799	15.74	UG/L	98
18) ALLYL CHLORIDE	2.119	41	3156	No Calib	#	
19) METHYL ACETATE	2.197	43	14112	1.86	UG/L #	95
20) T-BUTYL ALCOHOL	2.075	59	11652	20.02	UG/L #	88
21) ACRYLONITRILE	2.069	53	5114	1.94	UG/L	94
22) METHYLENE CHLORIDE	2.117	49	45342	4.73	UG/L	93
23) CARBON DISULFIDE	2.217	76	416711	17.50	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.800	73	28047	1.70	UG/L	94
25) TRANS 1,2-DICHLOROETHENE	2.655	61	18868	1.85	UG/L	97
26) 1,1-DICHLOROETHANE	2.881	63	23972	1.86	UG/L	97
27) PROPIONITRILE	0.000		0	N.D.		
28) VINYL ACETATE	3.123	43	315192	22.30	UG/L	96
29) CHLOROPRENE	0.000		0	N.D.		
30) DI ISOPROYL ETHER	3.450	45	38428	2.06	UG/L	97
31) 2-BUTANONE	3.388	43	56360	18.60	UG/L #	95
32) METHACRYLONITRILE	3.751	41	10301	No Calib	#	
33) T-BUTYL ETHYL ETHER	3.843	59	31958	1.79	UG/L	94
34) CIS-1,2-DICHLOROETHENE	3.472	61	20196	1.91	UG/L	98
35) 2,2-DICHLOROPROPANE	3.742	77	18481	1.77	UG/L	98
36) ETHYL ACETATE	3.798	43	11250m	1.78	UG/L	
37) BROMOCHLOROMETHANE	3.614	49	11400	2.08	UG/L	96
38) TETRAHYDROFURAN	4.024	42	3991	2.13	UG/L	94
39) CHLOROFORM	3.689	83	22590	1.69	UG/L	97
40) ISOBUTANOL	3.798	43	9398	No Calib	#	
41) 1,1,1-TRICHLOROETHANE	4.392	97	20163	1.72	UG/L	88
42) CYCLOHEXANE	4.632	56	22068	1.91	UG/L	87
43) CARBON TETRACHLORIDE	4.727	117	17150	1.68	UG/L	95
44) 1,1-DICHLOROPROPENE	4.587	75	18268	1.74	UG/L	96
45) BENZENE	4.777	78	52449	1.82	UG/L	100
46) T-AMYLMETHYL ETHER	5.017	73	28613	1.75	UG/L	95
49) 1,2-DICHLOROETHANE	4.311	62	19718	2.00	UG/L #	1
50) METHYL METHACRYLATE	5.845	41	10350	2.22	UG/L #	74
51) TRICHLOROETHENE	5.396	95	13402	1.71	UG/L	94
52) METHYLCYCLOHEXANE	5.845	83	20803	1.86	UG/L	89

Data Path : C:\msdchem\1\DATA\031113\
Data File : ve070009.D
Acq On : 11 Mar 2013 1:44 pm
Operator :
Sample : 8260STD 2.0PPB 1302135 Inst : GCMSVOA5
Misc : 1
ALS Vial : 9 Sample Multiplier: 1

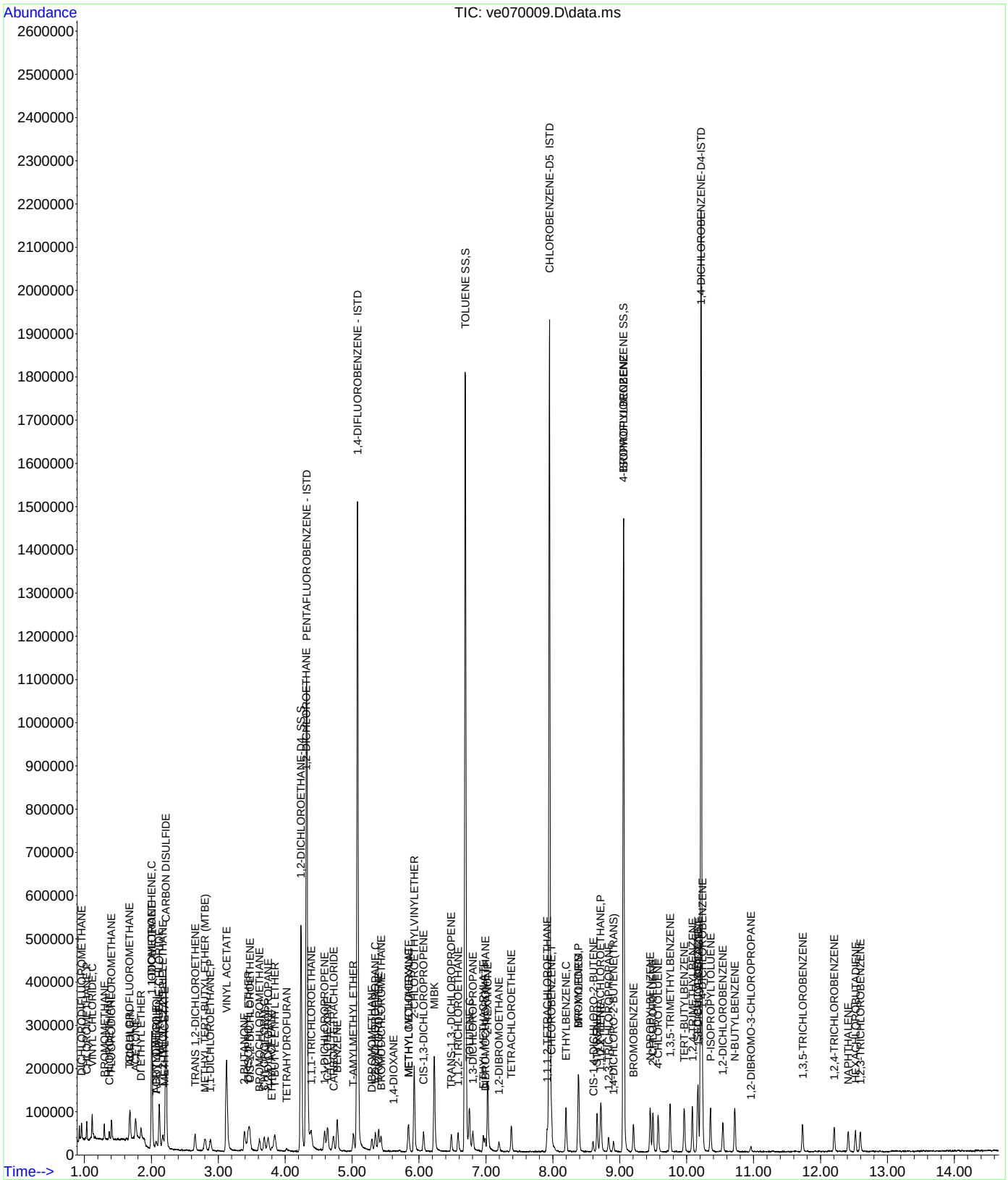
Quant Time: Mar 12 09:16:42 2013
Quant Method : C:\msdchem\1\METHODS\E012213W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Wed Jan 23 08:59:15 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
53) 1,2-DICHLOROPROPANE	5.346	63	13152	1.90 UG/L #	95
54) DIBROMOMETHANE	5.293	93	7862	1.73 UG/L	90
55) 1,4-DIOXANE	5.619	88	1797m	22.57 UG/L	
56) BROMODICHLOROMETHANE	5.435	83	16963	1.78 UG/L	97
57) 2-CHLOROETHYLVINYLETHER	5.929	63	69552	18.04 UG/L	87
58) MIBK	6.227	43	138614	23.22 UG/L	91
59) CIS-1,3-DICHLOROPROPENE	6.068	75	19735	1.84 UG/L	93
60) TOLUENE	6.754	91	53170	1.81 UG/L	100
61) TRANS-1,3,-DICHLOROPRO...	6.481	75	16073	1.85 UG/L	93
62) ETHYL METHACRYLATE	6.958	69	14993	1.79 UG/L	96
63) 1,1,2-TRICHLOROETHANE	6.584	97	10913	1.78 UG/L	96
64) 2-HEXANONE	7.025	43	97952	23.00 UG/L	87
65) TETRACHLOROETHENE	7.379	166	14929	1.80 UG/L	95
66) 1,3-DICHLOROPROPANE	6.804	76	18889	1.91 UG/L	94
67) DIBROMOCHLOROMETHANE	6.991	129	11871	1.64 UG/L	99
68) 1,2-DIBROMOETHANE	7.195	107	11360	1.73 UG/L #	98
71) CHLOROBENZENE	7.978	112	32016	1.97 UG/L	99
72) 1,1,1,2-TETRACHLOROETHANE	7.917	131	11629	1.93 UG/L #	88
73) ETHYLBENZENE	8.196	91	59534	2.03 UG/L	91
74) M/P-XYLENES	8.385	91	90672	3.98 UG/L	93
75) 0-XYLENE	8.717	91	44504	2.04 UG/L	94
76) STYRENE	8.659	104	34243	2.01 UG/L	99
77) BROMOFORM	8.380	173	8066	1.88 UG/L #	99
78) ISOPROPYLBENZENE	9.057	105	56997	2.04 UG/L	94
79) CIS-1,4-DICHLORO-2-BUTENE	8.606	53	4453	2.36 UG/L	95
80) 1,1,2,2-TETRACHLOROETHANE	8.709	83	14721	2.02 UG/L	97
81) 1,4-DICHLORO-2-BUTENE(...	8.907	53	4250	2.29 UG/L	100
82) BROMOBENZENE	9.205	77	22271	1.99 UG/L	86
83) 1,2,3-TRICHLOROPROPANE	8.834	75	11422	1.96 UG/L	92
84) N-PROPYLBENZENE	9.456	91	64818	1.98 UG/L	95
85) 2-CHLOROT0LUENE	9.495	91	38204	2.02 UG/L	96
86) 1,3,5-TRIMETHYLBENZENE	9.752	105	47585	1.93 UG/L	96
87) 4-CHLOROTOLUENE	9.573	91	38014	1.92 UG/L	93
89) TERT-BUTYLBENZENE	9.964	119	39151	2.02 UG/L	92
90) 1,2,4-TRIMETHYLBENZENE	10.086	105	46328	1.94 UG/L	97
91) SEC-BUTYLBENZENE	10.165	105	59273	1.99 UG/L	95
92) 1,3-DICHLOROBENZENE	10.173	146	26022	2.04 UG/L	95
93) P-ISOPROPYLTOLUENE	10.357	119	46661	1.97 UG/L	96
94) 1,4-DICHLOROBENZENE	10.237	146	28358	2.03 UG/L	92
95) N-BUTYLBENZENE	10.719	91	47288	1.98 UG/L	92
96) 1,2-DICHLOROBENZENE	10.538	146	22998	1.90 UG/L	97
97) 1,2-DIBROMO-3-CHLOROPR...	10.959	75	2424	2.00 UG/L	81
98) 1,3,5-TRICHLOROBENZENE	11.735	180	16961	1.77 UG/L	94
99) 1,2,4-TRICHLOROBENZENE	12.206	180	14094	1.70 UG/L	96
100) HEXACHLOROBUTADIENE	12.524	225	8221	1.71 UG/L	100
101) NAPHTHALENE	12.415	128	29125	1.58 UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.596	180	11045	1.56 UG/L	98

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

Data Path : C:\msdchem\1\DATA\031113\
Data File : ve070009.D
Acq On : 11 Mar 2013 1:44 pm
Operator :
Sample : 8260STD 2.0PPB 1302135 Inst : GCMSVOA5
Misc : 1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 12 09:16:42 2013
Quant Method : C:\msdchem\1\METHODS\E012213W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Wed Jan 23 08:59:15 2013
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\031113\
Data File : ve070010.D
Acq On : 11 Mar 2013 2:10 pm
Operator :
Sample : 8260STD 5.0PPB 1302136 Inst : GCMSVOA5
Misc : 1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 12 09:19:07 2013
Quant Method : C:\msdchem\1\METHODS\E012213W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Wed Jan 23 08:59:15 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.320	168	694750	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.081	114	992958	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.950	82	494210	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.218	152	469764	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	321728	25.86	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.44%			
48) TOLUENE SS	6.693	98	987033	25.44	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.76%			
70) 4-BROMOFLUOROBENZENE SS	9.058	95	366334	23.64	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.56%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.954	85	37713	3.88	UG/L	99
4) DIFLUOROCHLOROMETHANE	0.000		0	N.D.		
5) CHLOROMETHANE	1.032	50	36629	4.69	UG/L	97
6) VINYL CHLORIDE	1.113	62	36379m	6.98	UG/L	
7) BROMOMETHANE	1.294	94	21980	5.51	UG/L	92
8) CHLOROETHANE	1.369	64	19301	5.66	UG/L #	81
9) Ethanol	1.841	45	20198	No Calib	#	
10) FLUORODICHLOROMETHANE	1.403	67	58943	5.35	UG/L	96
11) TRICHLOROFLUOROMETHANE	1.673	101	45388	4.96	UG/L	97
12) DI ETHYL ETHER	1.846	59	24199	5.97	UG/L	89
13) ACROLEIN	1.679	56	68222	57.73	UG/L	98
14) ACETONE	1.765	43	126977	64.98	UG/L #	87
15) 1,1-DICHLOROETHENE	2.002	61	50379	4.57	UG/L	93
16) 1,1,2-TRICL-1,2,2-TRIF...	2.170	101	29874	4.15	UG/L	93
17) IODOMETHANE	2.005	142	501626	40.11	UG/L	98
18) ALLYL CHLORIDE	2.119	41	3068	No Calib	#	
19) METHYL ACETATE	2.192	43	39841	5.18	UG/L #	97
20) T-BUTYL ALCOHOL	2.075	59	31286	53.02	UG/L #	94
21) ACRYLONITRILE	2.072	53	13968	5.22	UG/L	100
22) METHYLENE CHLORIDE	2.117	49	73676	7.58	UG/L	97
23) CARBON DISULFIDE	2.214	76	1047472	43.40	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.803	73	69242	4.14	UG/L	92
25) TRANS 1,2-DICHLOROETHENE	2.649	61	47518	4.59	UG/L	96
26) 1,1-DICHLOROETHANE	2.884	63	59721	4.56	UG/L	95
27) PROPIONITRILE	0.000		0	N.D.		
28) VINYL ACETATE	3.121	43	844661	58.95	UG/L	97
29) CHLOROPRENE	0.000		0	N.D.		
30) DI ISOPROYL ETHER	3.447	45	99469	5.27	UG/L	100
31) 2-BUTANONE	3.388	43	170997	55.67	UG/L #	95
32) METHACRYLONITRILE	3.742	41	24525	No Calib	#	
33) T-BUTYL ETHYL ETHER	3.846	59	75968	4.19	UG/L	96
34) CIS-1,2-DICHLOROETHENE	3.469	61	50363	4.69	UG/L	98
35) 2,2-DICHLOROPROPANE	3.742	77	42137	3.98	UG/L	99
36) ETHYL ACETATE	3.798	43	28366	4.44	UG/L	98
37) BROMOCHLOROMETHANE	3.614	49	29229	5.27	UG/L	93
38) TETRAHYDROFURAN	4.016	42	11049m	5.82	UG/L	
39) CHLOROFORM	3.684	83	55477	4.09	UG/L	96
40) ISOBUTANOL	3.798	43	28366	No Calib	#	
41) 1,1,1-TRICHLOROETHANE	4.387	97	49210	4.14	UG/L	97
42) CYCLOHEXANE	4.632	56	57199	4.88	UG/L #	87
43) CARBON TETRACHLORIDE	4.721	117	42733	4.14	UG/L	94
44) 1,1-DICHLOROPROPENE	4.587	75	46832	4.41	UG/L	94
45) BENZENE	4.777	78	132059	4.51	UG/L	100
46) T-AMYLMETHYL ETHER	5.022	73	65989	3.97	UG/L	96
49) 1,2-DICHLOROETHANE	4.309	62	43615	4.41	UG/L #	17
50) METHYL METHACRYLATE	5.842	41	25285	5.41	UG/L #	70
51) TRICHLOROETHENE	5.399	95	33370	4.23	UG/L	95
52) METHYLCYCLOHEXANE	5.845	83	50775	4.51	UG/L	90

Data Path : C:\msdchem\1\DATA\031113\
Data File : ve070010.D
Acq On : 11 Mar 2013 2:10 pm
Operator :
Sample : 8260STD 5.0PPB 1302136 Inst : GCMSVOA5
Misc : 1
ALS Vial : 10 Sample Multiplier: 1

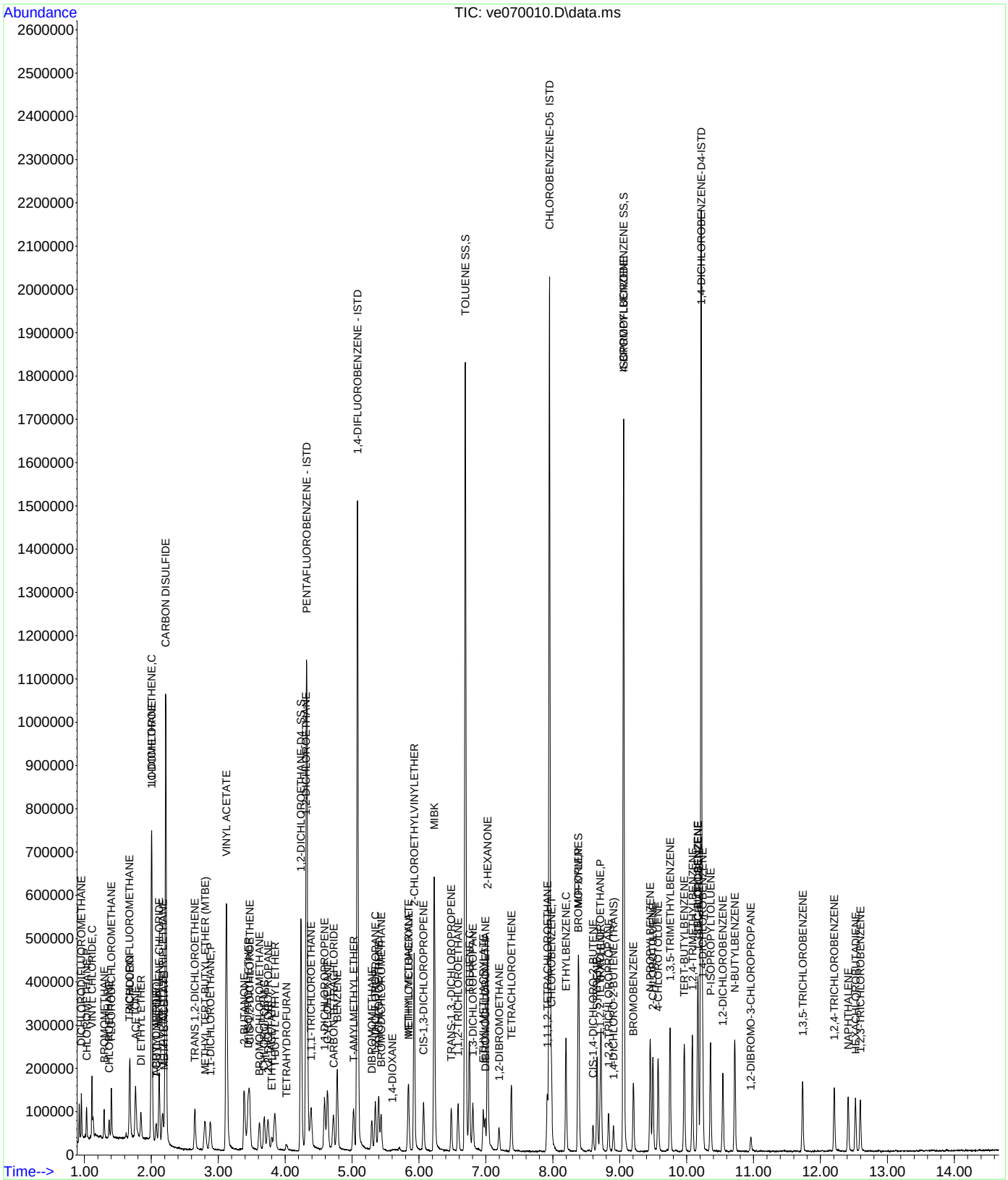
Quant Time: Mar 12 09:19:07 2013
Quant Method : C:\msdchem\1\METHODS\E012213W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Wed Jan 23 08:59:15 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 1,2-DICHLOROPROPANE	5.349	63	33840	4.88	UG/L #	95
54) DIBROMOMETHANE	5.296	93	19931	4.36	UG/L	88
55) 1,4-DIOXANE	5.602	88	5015m	62.75	UG/L	
56) BROMODICHLOROMETHANE	5.435	83	43873	4.58	UG/L	100
57) 2-CHLOROETHYLVINYLETHER	5.929	63	161033	41.61	UG/L	90
58) MIBK	6.227	43	390035	65.10	UG/L	92
59) CIS-1,3-DICHLOROPROPENE	6.068	75	51457	4.78	UG/L	93
60) TOLUENE	6.754	91	137523	4.66	UG/L	100
61) TRANS-1,3,-DICHLOROPRO...	6.481	75	41042	4.70	UG/L	94
62) ETHYL METHACRYLATE	6.958	69	38353	4.55	UG/L	97
63) 1,1,2-TRICHLOROETHANE	6.584	97	28336	4.61	UG/L	97
64) 2-HEXANONE	7.025	43	272864	63.82	UG/L	87
65) TETRACHLOROETHENE	7.382	166	37722	4.54	UG/L	98
66) 1,3-DICHLOROPROPANE	6.804	76	46238	4.65	UG/L	97
67) DIBROMOCHLOROMETHANE	6.991	129	31179	4.29	UG/L	99
68) 1,2-DIBROMOETHANE	7.198	107	29541	4.48	UG/L #	97
71) CHLOROBENZENE	7.978	112	80197	4.67	UG/L #	89
72) 1,1,1,2-TETRACHLOROETHANE	7.920	131	29490	4.63	UG/L	96
73) ETHYLBENZENE	8.196	91	151408	4.88	UG/L	94
74) M/P-XYLENES	8.383	91	228857	9.50	UG/L	97
75) 0-XYLENE	8.720	91	115256	4.98	UG/L	94
76) STYRENE	8.659	104	87603	4.85	UG/L	95
77) BROMOFORM	8.377	173	21325	4.70	UG/L #	97
78) ISOPROPYLBENZENE	9.058	105	143777	4.87	UG/L	94
79) CIS-1,4-DICHLORO-2-BUTENE	8.600	53	10894	5.47	UG/L	91
80) 1,1,2,2-TETRACHLOROETHANE	8.706	83	40599	5.27	UG/L	99
81) 1,4-DICHLORO-2-BUTENE(...	8.904	53	10249	5.23	UG/L	90
82) BROMOBENZENE	9.203	77	57363	4.85	UG/L	86
83) 1,2,3-TRICHLOROPROPANE	8.834	75	29724	4.83	UG/L	87
84) N-PROPYLBENZENE	9.456	91	166510	4.80	UG/L	94
85) 2-CHLOROT0LUENE	9.495	91	96209	4.82	UG/L	94
86) 1,3,5-TRIMETHYLBENZENE	9.752	105	126062	4.84	UG/L	95
87) 4-CHLOROTOLUENE	9.573	91	97183	4.64	UG/L	94
89) TERT-BUTYLBENZENE	9.964	119	99492	5.04	UG/L	94
90) 1,2,4-TRIMETHYLBENZENE	10.087	105	119859	4.94	UG/L	97
91) SEC-BUTYLBENZENE	10.165	105	153115	5.05	UG/L	94
92) 1,3-DICHLOROBENZENE	10.173	146	64918	5.01	UG/L	96
93) P-ISOPROPYLTOLUENE	10.357	119	120601	5.01	UG/L	97
94) 1,4-DICHLOROBENZENE	10.240	146	68477	4.82	UG/L #	89
95) N-BUTYLBENZENE	10.720	91	122168	5.02	UG/L	93
96) 1,2-DICHLOROBENZENE	10.541	146	59022	4.80	UG/L	96
97) 1,2-DIBROMO-3-CHLOROPR...	10.957	75	6367	5.17	UG/L #	79
98) 1,3,5-TRICHLOROBENZENE	11.735	180	43456	4.46	UG/L	96
99) 1,2,4-TRICHLOROBENZENE	12.206	180	37576	4.46	UG/L	96
100) HEXACHLOROBUTADIENE	12.524	225	21718	4.43	UG/L	96
101) NAPHTHALENE	12.415	128	82076	4.37	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.596	180	30305	4.22	UG/L	96

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

Data Path : C:\msdchem\1\DATA\031113\
Data File : ve070010.D
Acq On : 11 Mar 2013 2:10 pm
Operator :
Sample : 8260STD 5.0PPB 1302136 Inst : GCMSVOA5
Misc : 1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 12 09:19:07 2013
Quant Method : C:\msdchem\1\METHODS\E012213W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Wed Jan 23 08:59:15 2013
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\031113\
Data File : ve070011.D
Acq On : 11 Mar 2013 2:36 pm
Operator :
Sample : 8260STD 10PPB 1302137 Inst : GCMSVOA5
Misc : 1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 12 09:21:29 2013
Quant Method : C:\msdchem\1\METHODS\E012213W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Wed Jan 23 08:59:15 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.322	168	707725	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.081	114	1022444	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	491669	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	471809	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	323173	25.50	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.00%			
48) TOLUENE SS	6.690	98	1013208	25.36	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.44%			
70) 4-BROMOFLUOROBENZENE SS	9.058	95	375548	24.36	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.44%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.957	85	83767	8.45	UG/L	98
4) DIFLUOROCHLOROMETHANE	0.000		0	N.D.		
5) CHLOROMETHANE	1.035	50	79896	10.05	UG/L	98
6) VINYL CHLORIDE	1.113	62	82250	15.49	UG/L	97
7) BROMOMETHANE	1.297	94	43246	10.64	UG/L	94
8) CHLOROETHANE	1.369	64	43361	12.48	UG/L #	84
9) Ethanol	1.846	45	41719	No Calib	#	
10) FLUORODICHLOROMETHANE	1.406	67	125453	11.19	UG/L	92
11) TRICHLOROFLUOROMETHANE	1.673	101	99839	10.70	UG/L	100
12) DI ETHYL ETHER	1.843	59	49732	12.04	UG/L	87
13) ACROLEIN	1.682	56	142184	118.10	UG/L	99
14) ACETONE	1.762	43	247836	124.50	UG/L #	88
15) 1,1-DICHLOROETHENE	2.002	61	108786	9.68	UG/L	92
16) 1,1,2-TRICL-1,2,2-TRIF...	2.167	101	60750	8.29	UG/L	95
17) IODOMETHANE	2.008	142	1126640	86.37	UG/L	98
18) ALLYL CHLORIDE	2.119	41	6101	No Calib	#	
19) METHYL ACETATE	2.195	43	75893	9.69	UG/L #	96
20) T-BUTYL ALCOHOL	2.072	59	61623	102.52	UG/L #	98
21) ACRYLONITRILE	2.072	53	27771	10.19	UG/L	99
22) METHYLENE CHLORIDE	2.119	49	125105	12.64	UG/L	94
23) CARBON DISULFIDE	2.217	76	2285437	92.96	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.803	73	150384	8.82	UG/L	92
25) TRANS 1,2-DICHLOROETHENE	2.649	61	96228	9.12	UG/L	99
26) 1,1-DICHLOROETHANE	2.878	63	125805	9.43	UG/L	96
27) PROPIONITRILE	0.000		0	N.D.		
28) VINYL ACETATE	3.121	43	1785046	122.29	UG/L	96
29) CHLOROPRENE	3.807	53	568	No Calib	#	
30) DI ISOPROYL ETHER	3.444	45	210668	10.96	UG/L	98
31) 2-BUTANONE	3.385	43	348231	111.29	UG/L #	98
32) METHACRYLONITRILE	3.745	41	56696	No Calib	#	
33) T-BUTYL ETHYL ETHER	3.843	59	170875	9.26	UG/L	95
34) CIS-1,2-DICHLOROETHENE	3.469	61	103523	9.46	UG/L	98
35) 2,2-DICHLOROPROPANE	3.742	77	97855	9.07	UG/L	97
36) ETHYL ACETATE	3.793	43	65447	10.05	UG/L	97
37) BROMOCHLOROMETHANE	3.617	49	61552	10.89	UG/L	92
38) TETRAHYDROFURAN	4.013	42	19861	10.27	UG/L	97
39) CHLOROFORM	3.687	83	118429	8.58	UG/L	98
40) ISOBUTANOL	3.837	43	16237	No Calib	#	
41) 1,1,1-TRICHLOROETHANE	4.389	97	101188	8.36	UG/L	94
42) CYCLOHEXANE	4.632	56	119586	10.01	UG/L #	82
43) CARBON TETRACHLORIDE	4.721	117	90064	8.56	UG/L	95
44) 1,1-DICHLOROPROPENE	4.587	75	99590	9.21	UG/L	96
45) BENZENE	4.777	78	271714	9.12	UG/L	100
46) T-AMYLMETHYL ETHER	5.020	73	153325	9.06	UG/L	94
49) 1,2-DICHLOROETHANE	4.309	62	89634	8.80	UG/L #	78
50) METHYL METHACRYLATE	5.842	41	53832	11.19	UG/L #	69
51) TRICHLOROETHENE	5.396	95	72386	8.92	UG/L	96
52) METHYLCYCLOHEXANE	5.842	83	108748	9.38	UG/L	91

Data Path : C:\msdchem\1\DATA\031113\
Data File : ve070011.D
Acq On : 11 Mar 2013 2:36 pm
Operator :
Sample : 8260STD 10PPB 1302137 Inst : GCMSVOA5
Misc : 1
ALS Vial : 11 Sample Multiplier: 1

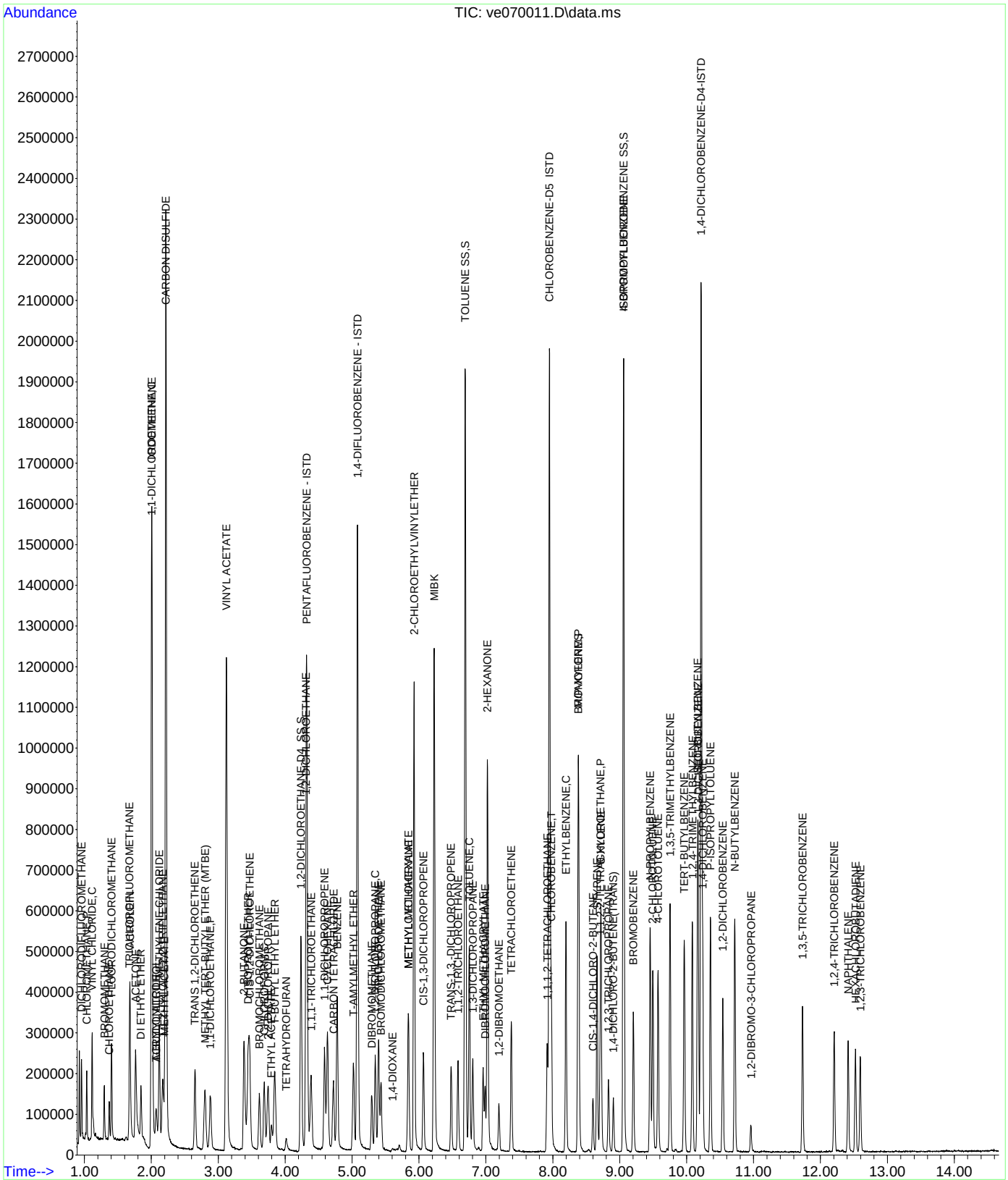
Quant Time: Mar 12 09:21:29 2013
Quant Method : C:\msdchem\1\METHODS\E012213W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Wed Jan 23 08:59:15 2013
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
53)	1,2-DICHLOROPROPANE	5.343	63	72554	10.15	UG/L	#	94
54)	DIBROMOMETHANE	5.293	93	40779	8.67	UG/L		91
55)	1,4-DIOXANE	5.605	88	9112m	110.72	UG/L		
56)	BROMODICHLOROMETHANE	5.432	83	89305	9.05	UG/L		96
57)	2-CHLOROETHYLVINYLETHER	5.926	63	392447	98.47	UG/L		90
58)	MIBK	6.227	43	758324	122.92	UG/L		92
59)	CIS-1,3-DICHLOROPROPENE	6.065	75	110676	9.98	UG/L		92
60)	TOLUENE	6.751	91	286765	9.43	UG/L		99
61)	TRANS-1,3,-DICHLOROPRO...	6.478	75	90181	10.04	UG/L		91
62)	ETHYL METHACRYLATE	6.958	69	80923	9.33	UG/L		96
63)	1,1,2-TRICHLOROETHANE	6.584	97	57734	9.13	UG/L		97
64)	2-HEXANONE	7.022	43	548341	124.56	UG/L		87
65)	TETRACHLOROETHENE	7.379	166	77600	9.06	UG/L		95
66)	1,3-DICHLOROPROPANE	6.804	76	96367	9.41	UG/L		99
67)	DIBROMOCHLOROMETHANE	6.988	129	66655	8.91	UG/L		98
68)	1,2-DIBROMOETHANE	7.195	107	60895	8.97	UG/L		99
71)	CHLOROBENZENE	7.976	112	172033	10.07	UG/L		94
72)	1,1,1,2-TETRACHLOROETHANE	7.920	131	61862	9.76	UG/L		96
73)	ETHYLBENZENE	8.196	91	328293	10.64	UG/L		93
74)	M/P-XYLENES	8.383	91	491114	20.50	UG/L		95
75)	0-XYLENE	8.720	91	243204	10.57	UG/L		94
76)	STYRENE	8.662	104	188258	10.48	UG/L		96
77)	BROMOFORM	8.380	173	45932	10.18	UG/L	#	98
78)	ISOPROPYLBENZENE	9.058	105	307766	10.48	UG/L		95
79)	CIS-1,4-DICHLORO-2-BUTENE	8.600	53	24027	12.12	UG/L		91
80)	1,1,2,2-TETRACHLOROETHANE	8.709	83	83023	10.83	UG/L		98
81)	1,4-DICHLORO-2-BUTENE(...	8.901	53	22316	11.44	UG/L		89
82)	BROMOBENZENE	9.203	77	117062	9.94	UG/L		86
83)	1,2,3-TRICHLOROPROPANE	8.832	75	61795	10.09	UG/L		89
84)	N-PROPYLBENZENE	9.454	91	358222	10.38	UG/L		93
85)	2-CHLOROT0LUENE	9.493	91	197688	9.95	UG/L		95
86)	1,3,5-TRIMETHYLBENZENE	9.752	105	266795	10.29	UG/L		98
87)	4-CHLOROTOLUENE	9.573	91	206088	9.88	UG/L		94
89)	TERT-BUTYLBENZENE	9.964	119	211942	10.70	UG/L		93
90)	1,2,4-TRIMETHYLBENZENE	10.087	105	259956	10.66	UG/L		95
91)	SEC-BUTYLBENZENE	10.165	105	322663	10.59	UG/L		95
92)	1,3-DICHLOROBENZENE	10.173	146	137364	10.55	UG/L		97
93)	P-ISOPROPYLTOLUENE	10.354	119	269886	11.16	UG/L		97
94)	1,4-DICHLOROBENZENE	10.240	146	144315	10.10	UG/L		94
95)	N-BUTYLBENZENE	10.720	91	269274	11.01	UG/L		92
96)	1,2-DICHLOROBENZENE	10.541	146	126610	10.25	UG/L		97
97)	1,2-DIBROMO-3-CHLOROPR...	10.962	75	12703	10.26	UG/L		82
98)	1,3,5-TRICHLOROBENZENE	11.732	180	95227	9.73	UG/L		96
99)	1,2,4-TRICHLOROBENZENE	12.203	180	79415	9.39	UG/L		94
100)	HEXACHLOROBUTADIENE	12.524	225	46516	9.45	UG/L		95
101)	NAPHTHALENE	12.415	128	170456	9.03	UG/L		100
102)	1,2,3-TRICHLOROBENZENE	12.596	180	63982	8.86	UG/L		93

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

Data Path : C:\msdchem\1\DATA\031113\
Data File : ve070011.D
Acq On : 11 Mar 2013 2:36 pm
Operator :
Sample : 8260STD 10PPB 1302137 Inst : GCMSVOA5
Misc : 1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 12 09:21:29 2013
Quant Method : C:\msdchem\1\METHODS\E012213W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Wed Jan 23 08:59:15 2013
Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\031113\
Data File : ve070012.D
Acq On : 11 Mar 2013 3:02 pm
Operator :
Sample : 8260STD 20PPB 1302138 Inst : GCMSVOA5
Misc : 1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 12 09:23:38 2013
Quant Method : C:\msdchem\1\METHODS\E012213W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Wed Jan 23 08:59:15 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.320	168	685199	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.081	114	1012113	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	500419	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.218	152	468581	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	322907	26.32	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.28%			
48) TOLUENE SS	6.690	98	1000761	25.30	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.20%			
70) 4-BROMOFLUOROBENZENE SS	9.057	95	365418	23.29	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.16%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.951	85	157870	16.46	UG/L	99
4) DIFLUOROCHLOROMETHANE	0.000		0	N.D.		
5) CHLOROMETHANE	1.029	50	138702	18.02	UG/L	100
6) VINYL CHLORIDE	1.107	62	146957	28.58	UG/L	98
7) BROMOMETHANE	1.291	94	83815	21.30	UG/L	96
8) CHLOROETHANE	1.366	64	79111	23.51	UG/L #	83
9) Ethanol	1.840	45	81462	No Calib	#	
10) FLUORODICHLOROMETHANE	1.400	67	240393	22.14	UG/L	93
11) TRICHLOROFLUOROMETHANE	1.670	101	193077	21.37	UG/L	99
12) DI ETHYL ETHER	1.843	59	95332	23.84	UG/L	86
13) ACROLEIN	1.676	56	263512	226.08	UG/L	100
14) ACETONE	1.762	43	459011	238.17	UG/L #	87
15) 1,1-DICHLOROETHENE	1.997	61	214176	19.69	UG/L	92
16) 1,1,2-TRICL-1,2,2-TRIF...	2.164	101	118357	16.69	UG/L	93
17) IODOMETHANE	2.002	142	2268789	177.80	UG/L	99
18) ALLYL CHLORIDE	2.189	41	2585	No Calib	#	
19) METHYL ACETATE	2.189	43	157725	20.79	UG/L #	97
20) T-BUTYL ALCOHOL	2.069	59	123020	211.39	UG/L #	94
21) ACRYLONITRILE	2.069	53	49111	18.60	UG/L	99
22) METHYLENE CHLORIDE	2.114	49	217106	22.65	UG/L	94
23) CARBON DISULFIDE	2.211	76	4496730	188.92	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.797	73	293445	17.78	UG/L	91
25) TRANS 1,2-DICHLOROETHENE	2.646	61	186623	18.26	UG/L	99
26) 1,1-DICHLOROETHANE	2.878	63	243486	18.85	UG/L	97
27) PROPIONITRILE	3.377	54	925	No Calib	#	
28) VINYL ACETATE	3.118	43	3340356	236.37	UG/L	96
29) CHLOROPRENE	3.843	53	2295	No Calib	#	
30) DI ISOPROYL ETHER	3.447	45	410858	22.07	UG/L	100
31) 2-BUTANONE	3.383	43	669234	220.91	UG/L	98
32) METHACRYLONITRILE	3.742	41	107161	No Calib	#	
33) T-BUTYL ETHYL ETHER	3.840	59	327398	18.32	UG/L	95
34) CIS-1,2-DICHLOROETHENE	3.466	61	202462	19.11	UG/L	98
35) 2,2-DICHLOROPROPANE	3.742	77	182481	17.47	UG/L	98
36) ETHYL ACETATE	3.790	43	128716	20.42	UG/L	99
37) BROMOCHLOROMETHANE	3.608	49	117117	21.40	UG/L	94
38) TETRAHYDROFURAN	4.010	42	38094	20.35	UG/L	99
39) CHLOROFORM	3.684	83	230075	17.21	UG/L	98
40) ISOBUTANOL	3.790	43	128716	No Calib	#	
41) 1,1,1-TRICHLOROETHANE	4.386	97	200369	17.11	UG/L	98
42) CYCLOHEXANE	4.629	56	227218	19.64	UG/L #	82
43) CARBON TETRACHLORIDE	4.718	117	177391	17.41	UG/L	96
44) 1,1-DICHLOROPROPENE	4.584	75	187854	17.94	UG/L	94
45) BENZENE	4.777	78	530324	18.38	UG/L	100
46) T-AMYLMETHYL ETHER	5.019	73	287006	17.52	UG/L	93
49) 1,2-DICHLOROETHANE	4.308	62	168152	16.67	UG/L	94
50) METHYL METHACRYLATE	5.839	41	103188	21.68	UG/L #	67
51) TRICHLOROETHENE	5.393	95	139953	17.42	UG/L	97
52) METHYLCYCLOHEXANE	5.842	83	208909	18.21	UG/L	92

Data Path : C:\msdchem\1\DATA\031113\
Data File : ve070012.D
Acq On : 11 Mar 2013 3:02 pm
Operator :
Sample : 8260STD 20PPB 1302138 Inst : GCMSVOA5
Misc : 1
ALS Vial : 12 Sample Multiplier: 1

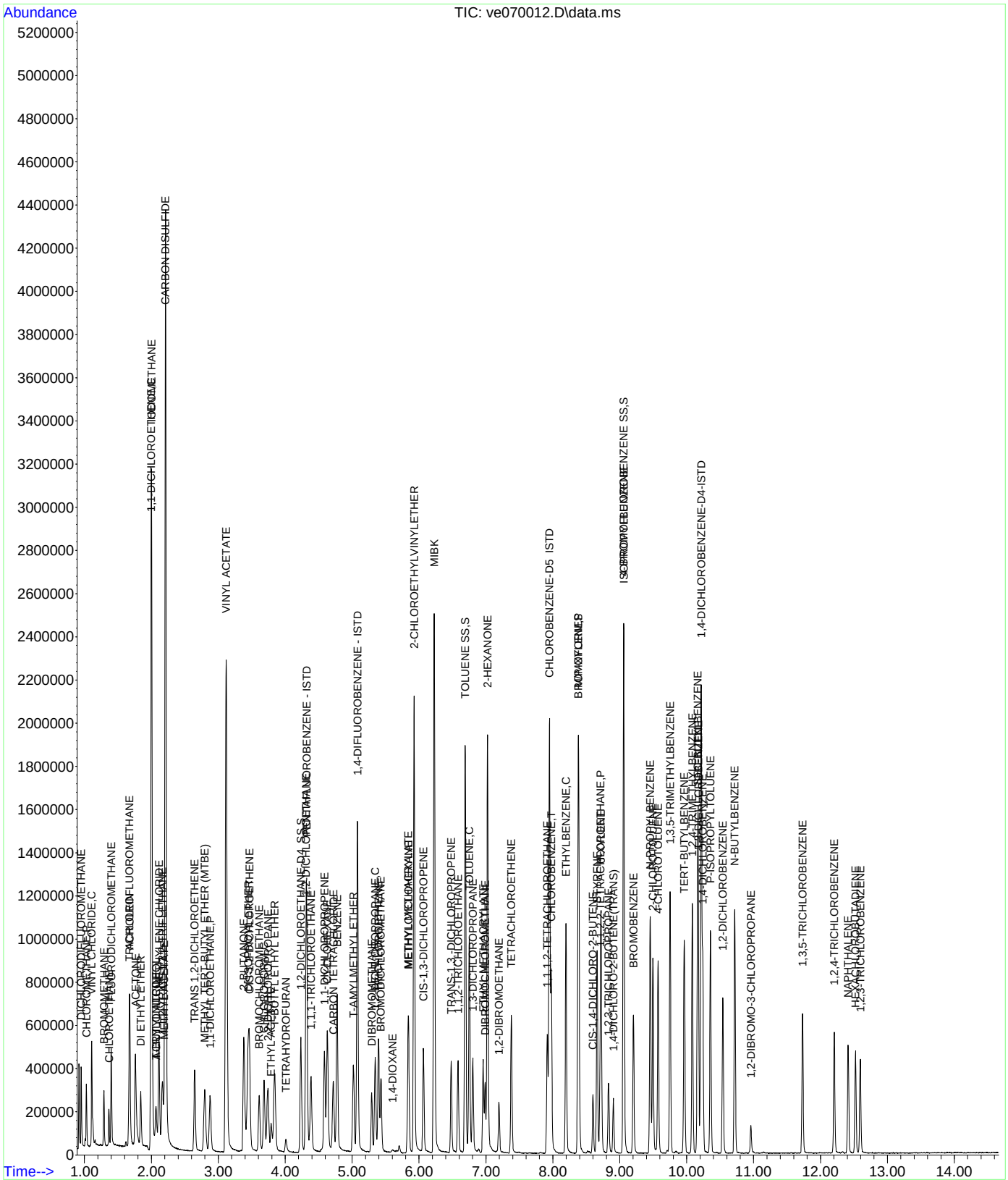
Quant Time: Mar 12 09:23:38 2013
Quant Method : C:\msdchem\1\METHODS\E012213W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Wed Jan 23 08:59:15 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
53) 1,2-DICHLOROPROPANE	5.346	63	141308	19.98 UG/L #	95
54) DIBROMOMETHANE	5.293	93	80845	17.36 UG/L	88
55) 1,4-DIOXANE	5.605	88	15831m	194.33 UG/L	
56) BROMODICHLOROMETHANE	5.429	83	179944	18.42 UG/L	96
57) 2-CHLOROETHYLVINYLETHER	5.926	63	736567	186.70 UG/L	92
58) MIBK	6.227	43	1502856	246.10 UG/L	92
59) CIS-1,3-DICHLOROPROPENE	6.065	75	218252	19.88 UG/L	91
60) TOLUENE	6.751	91	561579	18.66 UG/L	99
61) TRANS-1,3,-DICHLOROPRO...	6.481	75	175245	19.71 UG/L	90
62) ETHYL METHACRYLATE	6.958	69	158704	18.49 UG/L	96
63) 1,1,2-TRICHLOROETHANE	6.584	97	113571	18.14 UG/L	97
64) 2-HEXANONE	7.025	43	1048782	240.66 UG/L	88
65) TETRACHLOROETHENE	7.379	166	157043	18.53 UG/L	97
66) 1,3-DICHLOROPROPANE	6.804	76	187994	18.54 UG/L	99
67) DIBROMOCHLOROMETHANE	6.988	129	134187	18.13 UG/L	98
68) 1,2-DIBROMOETHANE	7.195	107	121887	18.13 UG/L	97
71) CHLOROBENZENE	7.975	112	340954	19.62 UG/L	96
72) 1,1,1,2-TETRACHLOROETHANE	7.917	131	125777	19.49 UG/L	98
73) ETHYLBENZENE	8.196	91	633191	20.16 UG/L	93
74) M/P-XYLENES	8.383	91	969252	39.75 UG/L	95
75) 0-XYLENE	8.720	91	460127	19.65 UG/L	94
76) STYRENE	8.661	104	361930	19.80 UG/L	96
77) BROMOFORM	8.380	173	93021	20.27 UG/L #	96
78) ISOPROPYLBENZENE	9.060	105	590173	19.74 UG/L	95
79) CIS-1,4-DICHLORO-2-BUTENE	8.597	53	45886	22.74 UG/L	86
80) 1,1,2,2-TETRACHLOROETHANE	8.709	83	153361	19.66 UG/L	98
81) 1,4-DICHLORO-2-BUTENE(...	8.904	53	41513	20.91 UG/L	87
82) BROMOBENZENE	9.205	77	225317	18.80 UG/L	87
83) 1,2,3-TRICHLOROPROPANE	8.832	75	118942	19.09 UG/L	87
84) N-PROPYLBENZENE	9.456	91	701271	19.97 UG/L	95
85) 2-CHLOROT0LUENE	9.495	91	392550	19.42 UG/L	94
86) 1,3,5-TRIMETHYLBENZENE	9.752	105	519704	19.69 UG/L	97
87) 4-CHLOROTOLUENE	9.573	91	405636	19.11 UG/L	93
89) TERT-BUTYLBENZENE	9.964	119	402391	20.45 UG/L	94
90) 1,2,4-TRIMETHYLBENZENE	10.084	105	508348	21.00 UG/L	97
91) SEC-BUTYLBENZENE	10.165	105	608954	20.13 UG/L	95
92) 1,3-DICHLOROBENZENE	10.176	146	262737	20.32 UG/L	96
93) P-ISOPROPYLTOLUENE	10.354	119	500653	20.84 UG/L	97
94) 1,4-DICHLOROBENZENE	10.240	146	283236	19.97 UG/L	97
95) N-BUTYLBENZENE	10.717	91	523001	21.54 UG/L	93
96) 1,2-DICHLOROBENZENE	10.541	146	243714	19.86 UG/L	97
97) 1,2-DIBROMO-3-CHLOROPR...	10.959	75	24768	20.15 UG/L #	78
98) 1,3,5-TRICHLOROBENZENE	11.732	180	177431	18.26 UG/L	96
99) 1,2,4-TRICHLOROBENZENE	12.206	180	148136	17.64 UG/L	95
100) HEXACHLOROBUTADIENE	12.521	225	87678	17.94 UG/L	95
101) NAPHTHALENE	12.412	128	322639	17.22 UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.596	180	118297	16.50 UG/L	97

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

Data Path : C:\msdchem\1\DATA\031113\
Data File : ve070012.D
Acq On : 11 Mar 2013 3:02 pm
Operator :
Sample : 8260STD 20PPB 1302138 Inst : GCMSVOA5
Misc : 1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 12 09:23:38 2013
Quant Method : C:\msdchem\1\METHODS\E012213W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Wed Jan 23 08:59:15 2013
Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\031113\
Data File : ve070013.D
Acq On : 11 Mar 2013 3:29 pm
Operator :
Sample : 8260STD 50PPB 1302139 Inst : GCMSVOA5
Misc : 1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 12 09:25:14 2013
Quant Method : C:\msdchem\1\METHODS\E012213W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Wed Jan 23 08:59:15 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.322	168	715082	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.078	114	1008695	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.950	82	512362	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.217	152	477043	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	312111	24.38	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.52%			
48) TOLUENE SS	6.693	98	996040	25.27	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.08%			
70) 4-BROMOFLUOROBENZENE SS	9.057	95	360477	22.44	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.76%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.954	85	344179	34.38	UG/L	98
4) DIFLUOROCHLOROMETHANE	0.000		0	N.D.		
5) CHLOROMETHANE	1.032	50	386684	48.14	UG/L	97
6) VINYL CHLORIDE	1.113	62	373543	69.62	UG/L	97
7) BROMOMETHANE	1.294	94	224938	54.77	UG/L	94
8) CHLOROETHANE	1.369	64	198896	56.65	UG/L #	86
9) Ethanol	1.843	45	202975	No Calib	#	
10) FLUORODICHLOROMETHANE	1.403	67	610011	53.84	UG/L	93
11) TRICHLOROFLUOROMETHANE	1.673	101	446265	47.33	UG/L	98
12) DI ETHYL ETHER	1.843	59	239994	57.50	UG/L #	86
13) ACROLEIN	1.679	56	703536	578.37	UG/L	99
14) ACETONE	1.762	43	1212448	602.82	UG/L	90
15) 1,1-DICHLOROETHENE	1.999	61	500894	44.11	UG/L	93
16) 1,1,2-TRICL-1,2,2-TRIF...	2.169	101	274011	37.02	UG/L	94
17) IODOMETHANE	2.005	142	5568190	415.83	UG/L	98
18) ALLYL CHLORIDE	2.186	41	6623	No Calib	#	
19) METHYL ACETATE	2.192	43	363708	45.94	UG/L	99
20) T-BUTYL ALCOHOL	2.069	59	296899	488.86	UG/L	96
21) ACRYLONITRILE	2.069	53	129063	46.85	UG/L	95
22) METHYLENE CHLORIDE	2.116	49	483791	48.37	UG/L	93
23) CARBON DISULFIDE	2.217	76	10878111	437.92	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.797	73	772846	44.87	UG/L	92
25) TRANS 1,2-DICHLOROETHENE	2.652	61	466721	43.76	UG/L	98
26) 1,1-DICHLOROETHANE	2.881	63	607728	45.08	UG/L	97
27) PROPIONITRILE	3.382	54	3696	No Calib	#	
28) VINYL ACETATE	3.120	43	8906427	603.89	UG/L	97
29) CHLOROPRENE	3.837	53	4739	No Calib	#	
30) DI ISOPROYL ETHER	3.447	45	984124	50.66	UG/L	99
31) 2-BUTANONE	3.380	43	1756019	555.44	UG/L	99
32) METHACRYLONITRILE	3.739	41	281896	No Calib	#	
33) T-BUTYL ETHYL ETHER	3.843	59	837440	44.91	UG/L	97
34) CIS-1,2-DICHLOROETHENE	3.469	61	497616	45.00	UG/L	98
35) 2,2-DICHLOROPROPANE	3.745	77	483575	44.36	UG/L	98
36) ETHYL ACETATE	3.790	43	349024	53.06	UG/L	98
37) BROMOCHLOROMETHANE	3.611	49	286013	50.08	UG/L	95
38) TETRAHYDROFURAN	4.007	42	95464	48.87	UG/L	99
39) CHLOROFORM	3.684	83	561623	40.26	UG/L	99
40) ISOBUTANOL	3.843	43	90409	No Calib	#	
41) 1,1,1-TRICHLOROETHANE	4.389	97	487054	39.84	UG/L	98
42) CYCLOHEXANE	4.632	56	541456m	44.85	UG/L	
43) CARBON TETRACHLORIDE	4.721	117	431232	40.56	UG/L	96
44) 1,1-DICHLOROPROPENE	4.587	75	447551	40.95	UG/L	94
45) BENZENE	4.777	78	1291318	42.88	UG/L	100
46) T-AMYLMETHYL ETHER	5.019	73	758398	44.35	UG/L	93
49) 1,2-DICHLOROETHANE	4.311	62	418858	41.67	UG/L #	75
50) METHYL METHACRYLATE	5.839	41	238837	50.34	UG/L #	67
51) TRICHLOROETHENE	5.396	95	336732	42.05	UG/L	97
52) METHYLCYCLOHEXANE	5.839	83	485256	42.44	UG/L	91

Data Path : C:\msdchem\1\DATA\031113\
Data File : ve070013.D
Acq On : 11 Mar 2013 3:29 pm
Operator :
Sample : 8260STD 50PPB 1302139 Inst : GCMSVOA5
Misc : 1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 12 09:25:14 2013
Quant Method : C:\msdchem\1\METHODS\E012213W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Wed Jan 23 08:59:15 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 1,2-DICHLOROPROPANE	5.346	63	352868	50.05	UG/L #	96
54) DIBROMOMETHANE	5.293	93	198994	42.88	UG/L	88
55) 1,4-DIOXANE	5.599	88	36845m	453.82	UG/L	
56) BROMODICHLOROMETHANE	5.432	83	438055	44.98	UG/L	96
57) 2-CHLOROETHYLVINYLETHER	5.929	63	2078954	528.75	UG/L	91
58) MIBK	6.227	43	3729197	612.74	UG/L	92
59) CIS-1,3-DICHLOROPROPENE	6.065	75	531603	48.60	UG/L	92
60) TOLUENE	6.751	91	1379680	46.00	UG/L	100
61) TRANS-1,3,-DICHLOROPRO...	6.481	75	439449	49.58	UG/L	92
62) ETHYL METHACRYLATE	6.960	69	397020	46.41	UG/L	95
63) 1,1,2-TRICHLOROETHANE	6.584	97	275952	44.22	UG/L	97
64) 2-HEXANONE	7.024	43	2648125	609.72	UG/L	88
65) TETRACHLOROETHENE	7.379	166	372358	44.09	UG/L	97
66) 1,3-DICHLOROPROPANE	6.804	76	473016	46.80	UG/L	100
67) DIBROMOCHLOROMETHANE	6.988	129	329112	44.61	UG/L	98
68) 1,2-DIBROMOETHANE	7.195	107	293221	43.76	UG/L	99
71) CHLOROBENZENE	7.978	112	812959	45.68	UG/L	97
72) 1,1,1,2-TETRACHLOROETHANE	7.917	131	306214	46.35	UG/L	99
73) ETHYLBENZENE	8.196	91	1584457	49.27	UG/L	93
74) M/P-XYLENES	8.383	91	2332944	93.44	UG/L	96
75) 0-XYLENE	8.720	91	1096182	45.72	UG/L	94
76) STYRENE	8.661	104	901304	48.16	UG/L	96
77) BROMOFORM	8.380	173	241712	51.43	UG/L #	96
78) ISOPROPYLBENZENE	9.060	105	1409252	46.03	UG/L	95
79) CIS-1,4-DICHLORO-2-BUTENE	8.600	53	119728	57.95	UG/L #	83
80) 1,1,2,2-TETRACHLOROETHANE	8.706	83	379087	47.47	UG/L	97
81) 1,4-DICHLORO-2-BUTENE(...	8.904	53	115360	56.76	UG/L	87
82) BROMOBENZENE	9.202	77	558256	45.49	UG/L	86
83) 1,2,3-TRICHLOROPROPANE	8.832	75	295396	46.30	UG/L	88
84) N-PROPYLBENZENE	9.456	91	1700593	47.30	UG/L	94
85) 2-CHLOROT0LUENE	9.495	91	927197	44.80	UG/L	95
86) 1,3,5-TRIMETHYLBENZENE	9.752	105	1271080	47.04	UG/L	97
87) 4-CHLOROTOLUENE	9.573	91	941512	43.33	UG/L	93
89) TERT-BUTYLBENZENE	9.964	119	1007549	50.30	UG/L	96
90) 1,2,4-TRIMETHYLBENZENE	10.086	105	1222466	49.60	UG/L	96
91) SEC-BUTYLBENZENE	10.164	105	1493091	48.47	UG/L	95
92) 1,3-DICHLOROBENZENE	10.173	146	641989	48.76	UG/L	96
93) P-ISOPROPYLTOLUENE	10.357	119	1221695	49.96	UG/L	98
94) 1,4-DICHLOROBENZENE	10.240	146	701114	48.55	UG/L	99
95) N-BUTYLBENZENE	10.717	91	1209301	48.91	UG/L	93
96) 1,2-DICHLOROBENZENE	10.541	146	595903	47.70	UG/L	97
97) 1,2-DIBROMO-3-CHLOROPR...	10.956	75	60599	48.43	UG/L	82
98) 1,3,5-TRICHLOROBENZENE	11.732	180	440196	44.50	UG/L	96
99) 1,2,4-TRICHLOROBENZENE	12.206	180	380196	44.47	UG/L	96
100) HEXACHLOROBUTADIENE	12.524	225	213822	42.96	UG/L	95
101) NAPHTHALENE	12.412	128	822860	43.14	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.596	180	292421	40.06	UG/L	96

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

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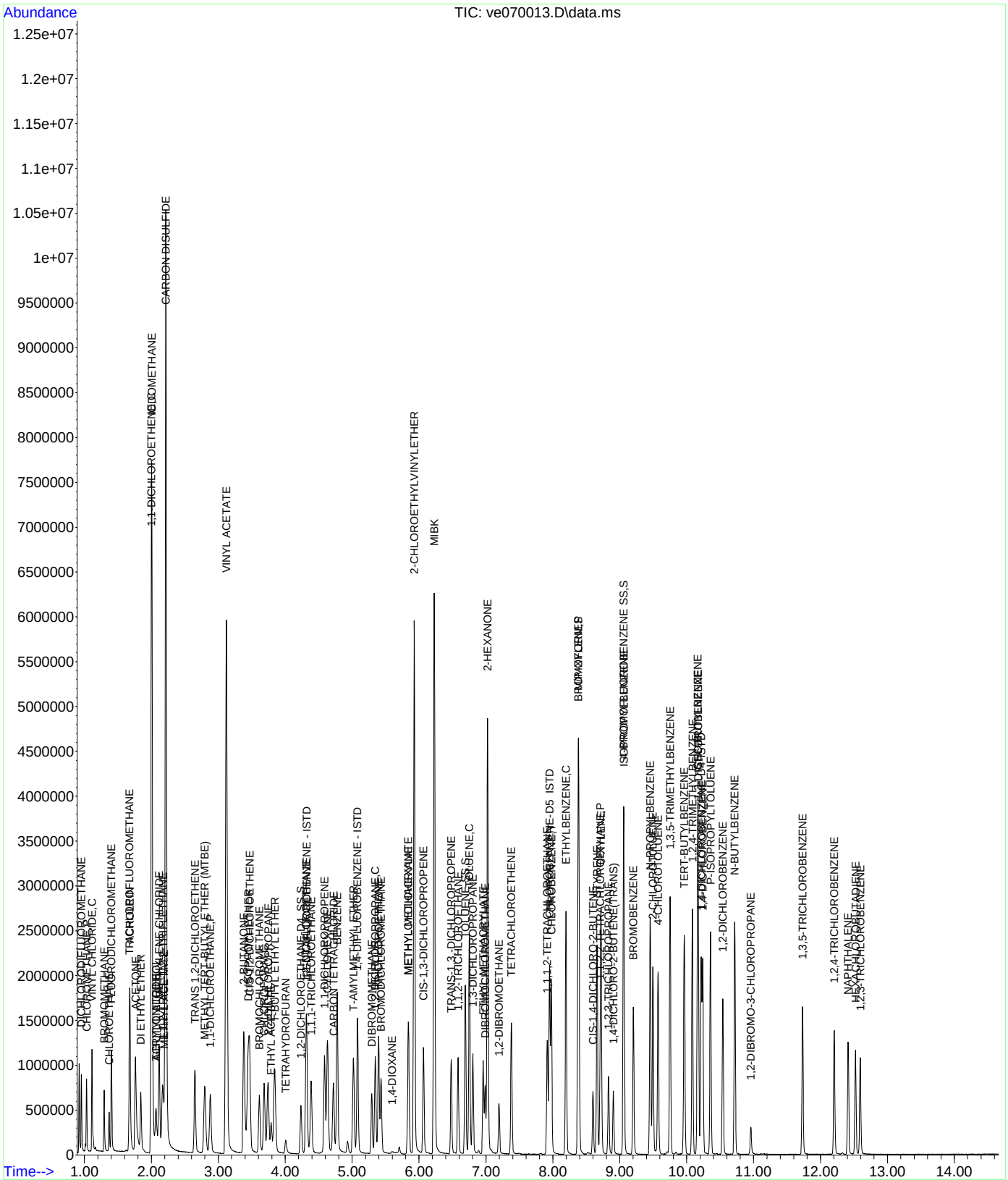
Data File : ve070013.D
Acq On : 11 Mar 2013 3:29 pm
Operator :
Sample : 8260STD 50PPB 1302139 Inst : GCMSVOA5
Misc : 1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 12 09:25:14 2013
Quant Method : C:\msdchem\1\METHODS\E012213W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Wed Jan 23 08:59:15 2013
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\031113\
Data File : ve070014.D
Acq On : 11 Mar 2013 3:55 pm
Operator :
Sample : 8260STD 100PPB 1302140 Inst : GCMSVOA5
Misc : 1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 12 09:27:30 2013
Quant Method : C:\msdchem\1\METHODS\E012213W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Wed Jan 23 08:59:15 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.320	168	697894	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.078	114	1036907	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.951	82	486235	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.218	152	477249	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	307638	24.62	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.48%			
48) TOLUENE SS	6.693	98	1010528	24.94	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.76%			
70) 4-BROMOFLUOROBENZENE SS	9.055	95	372654	24.44	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.76%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.957	85	676543	69.24	UG/L	98
4) DIFLUOROCHLOROMETHANE	0.000		0	N.D.		
5) CHLOROMETHANE	1.032	50	778157	99.26	UG/L	98
6) VINYL CHLORIDE	1.110	62	667719	127.51	UG/L	97
7) BROMOMETHANE	1.294	94	457664	114.18	UG/L	96
8) CHLOROETHANE	1.367	64	382177	111.53	UG/L #	87
9) Ethanol	1.843	45	405564	No Calib #		
10) FLUORODICHLOROMETHANE	1.403	67	1196570	108.22	UG/L	93
11) TRICHLOROFLUOROMETHANE	1.671	101	890303	96.76	UG/L	99
12) DI ETHYL ETHER	1.843	59	476580	117.00	UG/L	86
13) ACROLEIN	1.679	56	1497228	1261.16	UG/L	98
14) ACETONE	1.763	43	2290859	1167.05	UG/L	89
15) 1,1-DICHLOROETHENE	1.997	61	1002139	90.43	UG/L	93
16) 1,1,2-TRICL-1,2,2-TRIF...	2.167	101	543857	75.28	UG/L	94
17) IODOMETHANE	2.002	142	11200324	855.22	UG/L	99
18) ALLYL CHLORIDE	2.189	41	13283	No Calib #		
19) METHYL ACETATE	2.192	43	788806	102.10	UG/L	98
20) T-BUTYL ALCOHOL	2.072	59	716881	1209.46	UG/L #	94
21) ACRYLONITRILE	2.069	53	273070	101.57	UG/L	97
22) METHYLENE CHLORIDE	2.114	49	942964	96.61	UG/L	93
23) CARBON DISULFIDE	0.000		0	N.D. d		
24) METHYL TERT-BUTYL ETHE...	2.797	73	1525144	90.74	UG/L #	47
25) TRANS 1,2-DICHLOROETHENE	2.647	61	913690	87.78	UG/L	98
26) 1,1-DICHLOROETHANE	2.878	63	1169418	88.88	UG/L	97
27) PROPIONITRILE	3.380	54	7413	No Calib #		
28) VINYL ACETATE	3.118	43	17155839	1191.88	UG/L	97
29) CHLOROPRENE	3.840	53	10524	No Calib #		
30) DI ISOPROYL ETHER	3.447	45	2042296	107.73	UG/L	99
31) 2-BUTANONE	3.383	43	3678948	1192.33	UG/L	99
32) METHACRYLONITRILE	3.743	41	530386	No Calib #		
33) T-BUTYL ETHYL ETHER	3.843	59	1753177	96.34	UG/L	96
34) CIS-1,2-DICHLOROETHENE	3.466	61	963745	89.31	UG/L	99
35) 2,2-DICHLOROPROPANE	3.743	77	915969	86.09	UG/L	98
36) ETHYL ACETATE	3.787	43	750543	116.91	UG/L	99
37) BROMOCHLOROMETHANE	3.611	49	554697	99.52	UG/L	95
38) TETRAHYDROFURAN	4.005	42	208082	109.14	UG/L	98
39) CHLOROFORM	3.687	83	1148545	84.35	UG/L	98
40) ISOBUTANOL	3.840	43	181432	No Calib #		
41) 1,1,1-TRICHLOROETHANE	4.387	97	976178	81.82	UG/L	99
42) CYCLOHEXANE	4.629	56	1095770	92.99	UG/L #	83
43) CARBON TETRACHLORIDE	4.719	117	881479	84.95	UG/L	96
44) 1,1-DICHLOROPROPENE	4.587	75	904633	84.81	UG/L	94
45) BENZENE	4.777	78	2598223	88.41	UG/L	100
46) T-AMYLMETHYL ETHER	5.017	73	1594075	95.52	UG/L #	93
49) 1,2-DICHLOROETHANE	4.309	62	842648	81.56	UG/L #	68
50) METHYL METHACRYLATE	5.840	41	489721	100.42	UG/L #	67
51) TRICHLOROETHENE	5.393	95	672398	81.68	UG/L	96
52) METHYLCYCLOHEXANE	5.842	83	1003146	85.36	UG/L	91

Data Path : C:\msdchem\1\DATA\031113\
Data File : ve070014.D
Acq On : 11 Mar 2013 3:55 pm
Operator :
Sample : 8260STD 100PPB 1302140 Inst : GCMSVOA5
Misc : 1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 12 09:27:30 2013
Quant Method : C:\msdchem\1\METHODS\E012213W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Wed Jan 23 08:59:15 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
53) 1,2-DICHLOROPROPANE	5.346	63	718215	99.10 UG/L #	96
54) DIBROMOMETHANE	5.293	93	407545	85.43 UG/L	89
55) 1,4-DIOXANE	5.597	88	83052m	995.12 UG/L	
56) BROMODICHLOROMETHANE	5.432	83	915247	91.43 UG/L	96
57) 2-CHLOROETHYLVINYLETHER	5.932	63	4318184	1068.39 UG/L	91
58) MIBK	6.230	43	7978176	1275.21 UG/L	92
59) CIS-1,3-DICHLOROPROPENE	6.065	75	1100988	97.91 UG/L	91
60) TOLUENE	6.751	91	2689000	87.22 UG/L	100
61) TRANS-1,3,-DICHLOROPRO...	6.481	75	905839	99.42 UG/L	91
62) ETHYL METHACRYLATE	6.958	69	821580	93.42 UG/L	96
63) 1,1,2-TRICHLOROETHANE	6.584	97	563648	87.86 UG/L	98
64) 2-HEXANONE	7.028	43	5525340	1237.57 UG/L	88
65) TETRACHLOROETHENE	7.382	166	736880	84.88 UG/L	97
66) 1,3-DICHLOROPROPANE	6.804	76	940226	90.50 UG/L	100
67) DIBROMOCHLOROMETHANE	6.988	129	697973	92.04 UG/L	98
68) 1,2-DIBROMOETHANE	7.198	107	614172	89.16 UG/L	98
71) CHLOROBENZENE	7.976	112	1668725	98.81 UG/L	98
72) 1,1,1,2-TETRACHLOROETHANE	7.917	131	641840	102.38 UG/L	98
73) ETHYLBENZENE	8.196	91	3062520	100.35 UG/L	93
74) M/P-XYLENES	8.383	91	4779994	201.75 UG/L	95
75) 0-XYLENE	8.723	91	2284050	100.37 UG/L	94
76) STYRENE	8.662	104	1897025	106.82 UG/L	97
77) BROMOFORM	8.380	173	527125	118.19 UG/L #	97
78) ISOPROPYLBENZENE	9.060	105	2885366	99.31 UG/L	95
79) CIS-1,4-DICHLORO-2-BUTENE	8.600	53	253545	129.31 UG/L #	81
80) 1,1,2,2-TETRACHLOROETHANE	8.709	83	823229	108.62 UG/L	98
81) 1,4-DICHLORO-2-BUTENE(...	8.904	53	248986	129.10 UG/L #	86
82) BROMOBENZENE	9.203	77	1145477	98.36 UG/L	87
83) 1,2,3-TRICHLOROPROPANE	8.832	75	611469	100.99 UG/L	87
84) N-PROPYLBENZENE	9.456	91	3530209	103.47 UG/L	94
85) 2-CHLOROT0LUENE	9.495	91	1851316	94.25 UG/L	96
86) 1,3,5-TRIMETHYLBENZENE	9.752	105	2609174	101.75 UG/L	97
87) 4-CHLOROTOLUENE	9.574	91	1973086	95.69 UG/L	94
89) TERT-BUTYLBENZENE	9.964	119	2003964	100.00 UG/L	96
90) 1,2,4-TRIMETHYLBENZENE	10.087	105	2493011	101.11 UG/L	97
91) SEC-BUTYLBENZENE	10.165	105	3112646	101.01 UG/L	95
92) 1,3-DICHLOROBENZENE	10.173	146	1344006	102.04 UG/L	96
93) P-ISOPROPYLTOLUENE	10.357	119	2527588	103.32 UG/L	97
94) 1,4-DICHLOROBENZENE	10.240	146	1449702	100.34 UG/L	99
95) N-BUTYLBENZENE	10.720	91	2589495	104.70 UG/L	94
96) 1,2-DICHLOROBENZENE	10.541	146	1234316	98.77 UG/L	97
97) 1,2-DIBROMO-3-CHLOROPR...	10.959	75	138037	110.26 UG/L	84
98) 1,3,5-TRICHLOROBENZENE	11.732	180	955328	96.53 UG/L	95
99) 1,2,4-TRICHLOROBENZENE	12.206	180	808555	94.54 UG/L	97
100) HEXACHLOROBUTADIENE	12.524	225	446570	89.69 UG/L	96
101) NAPHTHALENE	12.412	128	1864430	97.69 UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.594	180	677786	92.81 UG/L	95

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

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Acq On : 11 Mar 2013 3:55 pm
Operator :
Sample : 8260STD 100PPB 1302140 Inst : GCMSVOA5
Misc : 1
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Quant Time: Mar 12 09:27:30 2013
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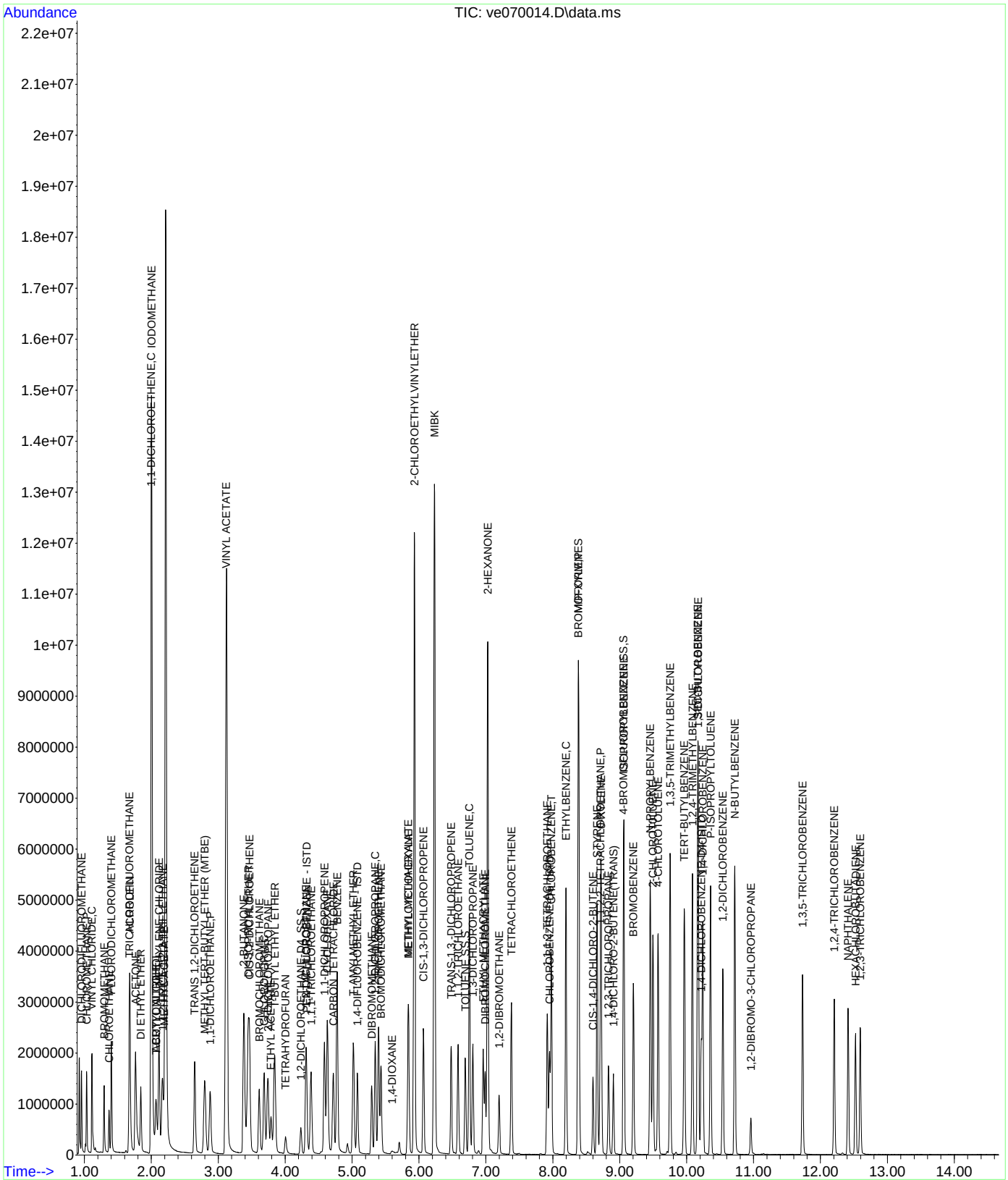


Data Path : C:\msdchem\1\DATA\031113\
Data File : ve070015.D
Acq On : 11 Mar 2013 4:21 pm
Operator :
Sample : 8260STD 200PPB 1302141 Inst : GCMSVOA5
Misc : 1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 12 09:28:55 2013
Quant Method : C:\msdchem\1\METHODS\E012213W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Wed Jan 23 08:59:15 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.322	168	711594	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.081	114	1023014	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.950	82	513375	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.218	152	491678	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	316388	24.83	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.32%			
48) TOLUENE SS	6.690	98	1015646	25.41	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.64%			
70) 4-BROMOFLUOROBENZENE SS	9.057	95	378229	23.50	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.00%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.954	85	1345796	135.09	UG/L	98
4) DIFLUOROCHLOROMETHANE	0.000		0	N.D.		
5) CHLOROMETHANE	1.032	50	1759572	220.12	UG/L	99
6) VINYL CHLORIDE	1.110	62	1309358	245.22	UG/L	97
7) BROMOMETHANE	1.294	94	966890	236.57	UG/L	95
8) CHLOROETHANE	1.366	64	745012	213.23	UG/L #	86
9) Ethanol	1.843	45	826156	No Calib	#	
10) FLUORODICHLOROMETHANE	1.403	67	2453419	217.61	UG/L	93
11) TRICHLOROFLUOROMETHANE	1.670	101	1809769	192.90	UG/L	99
12) DI ETHYL ETHER	1.843	59	986405	237.50	UG/L #	87
13) ACROLEIN	1.682	56	2714910	2242.82	UG/L	98
14) ACETONE	1.768	43	3971637	1984.35	UG/L	90
15) 1,1-DICHLOROETHENE	1.999	61	1977156	174.98	UG/L	94
16) 1,1,2-TRICL-1,2,2-TRIF...	2.167	101	1103102	149.76	UG/L	94
17) IODOMETHANE	0.000		0	N.D.		
18) ALLYL CHLORIDE	2.195	41	26897	No Calib	#	
19) METHYL ACETATE	2.195	43	1491645	189.35	UG/L	99
20) T-BUTYL ALCOHOL	2.075	59	1201147	1987.46	UG/L	93
21) ACRYLONITRILE	2.072	53	503838	183.79	UG/L	98
22) METHYLENE CHLORIDE	2.117	49	1885195	189.42	UG/L	93
23) CARBON DISULFIDE	0.000		0	N.D.		
24) METHYL TERT-BUTYL ETHE...	2.800	73	2979418	173.85	UG/L	91
25) TRANS 1,2-DICHLOROETHENE	2.649	61	1835230	172.91	UG/L	99
26) 1,1-DICHLOROETHANE	2.881	63	2455473	183.03	UG/L	97
27) PROPIONITRILE	3.391	54	12886	No Calib	#	
28) VINYL ACETATE	3.115	43	23331377m	1589.71	UG/L	
29) CHLOROPRENE	3.848	53	20628	No Calib	#	
30) DI ISOPROYL ETHER	3.450	45	4123668	213.33	UG/L	99
31) 2-BUTANONE	3.388	43	6587913	2094.00	UG/L	99
32) METHACRYLONITRILE	3.742	41	1041246	No Calib	#	
33) T-BUTYL ETHYL ETHER	3.843	59	3426178	184.65	UG/L	96
34) CIS-1,2-DICHLOROETHENE	3.472	61	1951329	177.34	UG/L	97
35) 2,2-DICHLOROPROPANE	3.745	77	1844315	170.01	UG/L	98
36) ETHYL ACETATE	3.793	43	1381687	211.08	UG/L	96
37) BROMOCHLOROMETHANE	3.614	49	1069839	188.25	UG/L	96
38) TETRAHYDROFURAN	4.007	42	381299	196.15	UG/L	99
39) CHLOROFORM	3.687	83	2387097	171.94	UG/L	99
40) ISOBUTANOL	3.843	43	366623	No Calib	#	
41) 1,1,1-TRICHLOROETHANE	4.389	97	2071142	170.26	UG/L	99
42) CYCLOHEXANE	4.635	56	2239510	186.40	UG/L #	83
43) CARBON TETRACHLORIDE	4.721	117	1846563	174.54	UG/L	95
44) 1,1-DICHLOROPROPENE	4.587	75	1913846	175.97	UG/L	94
45) BENZENE	4.777	78	5294532	176.69	UG/L	100
46) T-AMYLMETHYL ETHER	5.019	73	3040208	178.66	UG/L #	92
49) 1,2-DICHLOROETHANE	4.311	62	1740549	170.75	UG/L #	65
50) METHYL METHACRYLATE	5.711	41	12144	2.52	UG/L	99
51) TRICHLOROETHENE	5.396	95	1377797	169.64	UG/L	97
52) METHYLCYCLOHEXANE	5.842	83	2099457	181.07	UG/L	91

Data Path : C:\msdchem\1\DATA\031113\
Data File : ve070015.D
Acq On : 11 Mar 2013 4:21 pm
Operator :
Sample : 8260STD 200PPB 1302141 Inst : GCMSVOA5
Misc : 1
ALS Vial : 15 Sample Multiplier: 1

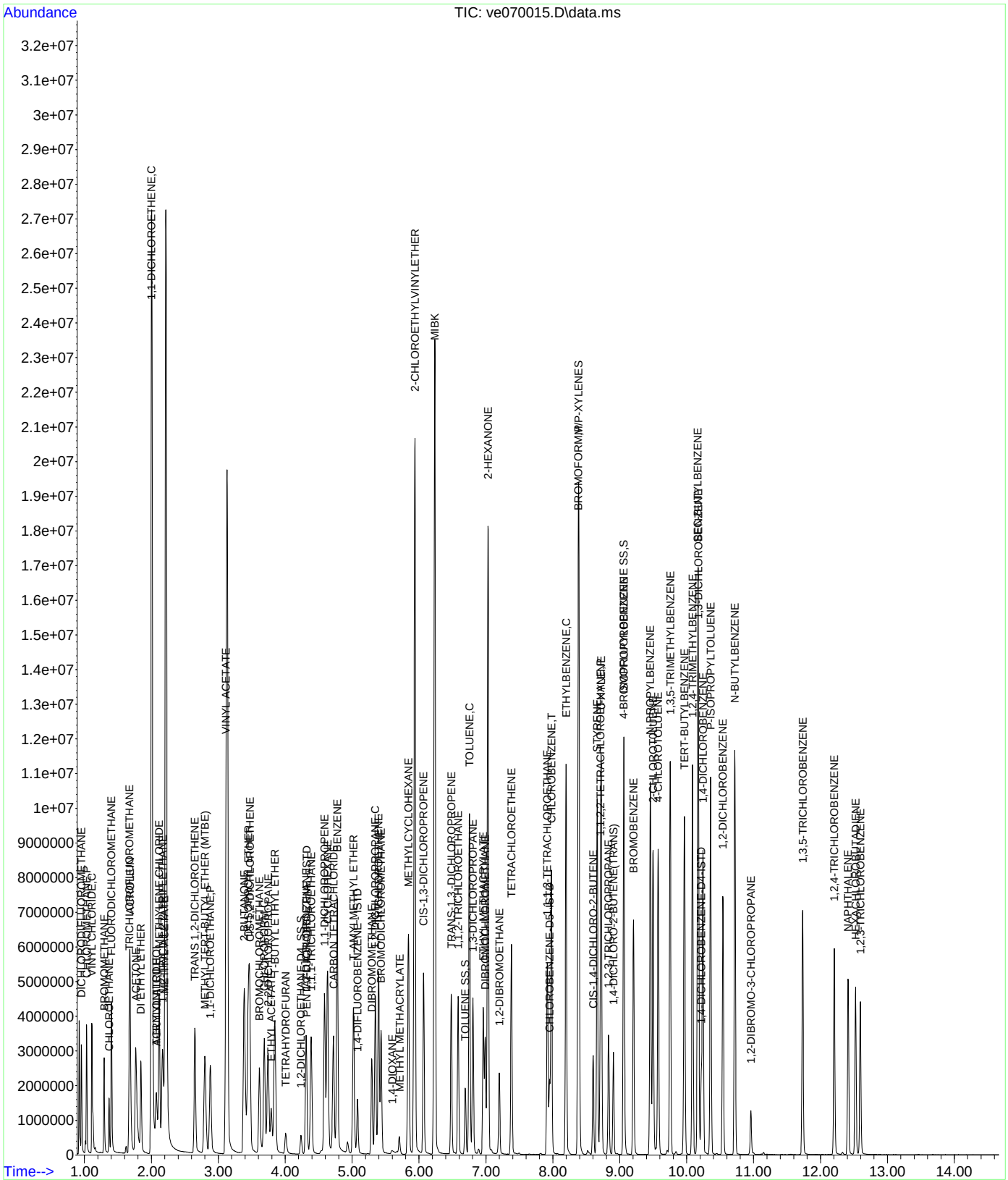
Quant Time: Mar 12 09:28:55 2013
Quant Method : C:\msdchem\1\METHODS\E012213W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Wed Jan 23 08:59:15 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) 1,2-DICHLOROPROPANE	5.346	63	1482597	207.36	UG/L	#	96
54) DIBROMOMETHANE	5.293	93	829629	176.27	UG/L		89
55) 1,4-DIOXANE	5.602	88	143852m	1747.03	UG/L		
56) BROMODICHLOROMETHANE	5.432	83	1883736	190.73	UG/L		97
57) 2-CHLOROETHYLVINYLETHER	5.940	63	7869691	1973.53	UG/L		92
58) MIBK	6.233	43	13959535	2261.56	UG/L		94
59) CIS-1,3-DICHLOROPROPENE	6.068	75	2309593	208.17	UG/L		92
60) TOLUENE	6.754	91	5661988	186.14	UG/L		100
61) TRANS-1,3,-DICHLOROPRO...	6.484	75	1939070	215.72	UG/L		91
62) ETHYL METHACRYLATE	6.960	69	1697125	195.59	UG/L		96
63) 1,1,2-TRICHLOROETHANE	6.584	97	1165231	184.11	UG/L		98
64) 2-HEXANONE	7.030	43	10155328	2305.49	UG/L		89
65) TETRACHLOROETHENE	7.381	166	1507693	176.02	UG/L		97
66) 1,3-DICHLOROPROPANE	6.807	76	1976203	192.80	UG/L		100
67) DIBROMOCHLOROMETHANE	6.988	129	1457886	194.86	UG/L		99
68) 1,2-DIBROMOETHANE	7.200	107	1225361	180.30	UG/L		98
71) CHLOROBENZENE	7.978	112	3450988	193.54	UG/L		98
72) 1,1,1,2-TETRACHLOROETHANE	7.917	131	1319593	199.35	UG/L		97
73) ETHYLBENZENE	8.199	91	6561836	203.64	UG/L		93
74) M/P-XYLENES	8.385	91	9744963	389.56	UG/L		96
75) 0-XYLENE	8.723	91	4671326	194.43	UG/L		93
76) STYRENE	8.661	104	3965163	211.47	UG/L		97
77) BROMOFORM	8.380	173	1046646	222.27	UG/L	#	98
78) ISOPROPYLBENZENE	9.063	105	6008859	195.88	UG/L		95
79) CIS-1,4-DICHLORO-2-BUTENE	8.603	53	489250	236.34	UG/L	#	79
80) 1,1,2,2-TETRACHLOROETHANE	8.712	83	1563773	195.43	UG/L		97
81) 1,4-DICHLORO-2-BUTENE(...	8.904	53	471911	231.75	UG/L	#	85
82) BROMOBENZENE	9.205	77	2332407	189.69	UG/L		87
83) 1,2,3-TRICHLOROPROPANE	8.832	75	1198804	187.52	UG/L		88
84) N-PROPYLBENZENE	9.456	91	7145006	198.35	UG/L		94
85) 2-CHLOROT0LUENE	9.498	91	3882585	187.22	UG/L		95
86) 1,3,5-TRIMETHYLBENZENE	9.755	105	5197974	191.99	UG/L		97
87) 4-CHLOROTOLUENE	9.573	91	4127575	189.59	UG/L		93
89) TERT-BUTYLBENZENE	9.967	119	4134929	200.28	UG/L		96
90) 1,2,4-TRIMETHYLBENZENE	10.086	105	5226477	205.75	UG/L		96
91) SEC-BUTYLBENZENE	10.167	105	6422221	202.30	UG/L		94
92) 1,3-DICHLOROBENZENE	10.176	146	2739646	201.90	UG/L		96
93) P-ISOPROPYLTOLUENE	10.357	119	5375207	213.28	UG/L		98
94) 1,4-DICHLOROBENZENE	10.243	146	2961410	198.97	UG/L		99
95) N-BUTYLBENZENE	10.719	91	5471011	214.71	UG/L		94
96) 1,2-DICHLOROBENZENE	10.541	146	2575063	200.01	UG/L		98
97) 1,2-DIBROMO-3-CHLOROPR...	10.959	75	246870	191.41	UG/L		83
98) 1,3,5-TRICHLOROBENZENE	11.735	180	1949834	191.23	UG/L		95
99) 1,2,4-TRICHLOROBENZENE	12.206	180	1595683	181.10	UG/L		96
100) HEXACHLOROBUTADIENE	12.524	225	930243	181.35	UG/L		95
101) NAPHTHALENE	12.412	128	3272996	166.47	UG/L		100
102) 1,2,3-TRICHLOROBENZENE	12.596	180	1222202	162.44	UG/L		96

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

Data Path : C:\msdchem\1\DATA\031113\
Data File : ve070015.D
Acq On : 11 Mar 2013 4:21 pm
Operator :
Sample : 8260STD 200PPB 1302141 Inst : GCMSVOA5
Misc : 1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 12 09:28:55 2013
Quant Method : C:\msdchem\1\METHODS\E012213W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Wed Jan 23 08:59:15 2013
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\031113\
Data File : ve070020.D
Acq On : 11 Mar 2013 6:34 pm
Operator :
Sample : B0-BS1 Inst : GCMSVOA5
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 12 10:46:02 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.320	168	727928	30.00	UG/L		0.00
47) 1,4-DIFLUOROBENZENE - ...	5.081	114	1021821	30.00	UG/L		0.00
69) CHLOROBENZENE-D5 ISTD	7.950	82	503269	30.00	UG/L		0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	475940	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	321959	24.60	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.40%				
48) TOLUENE SS	6.690	98	1008319	25.04	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.16%				
70) 4-BROMOFLUOROBENZENE SS	9.057	95	374848	25.03	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.12%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.954	85	61194	7.92	UG/L		97
4) DIFLUOROCHLOROMETHANE	0.000		0	N.D.			
5) CHLOROMETHANE	1.032	50	82398	9.59	UG/L		100
6) VINYL CHLORIDE	1.110	62	78916	10.26	UG/L		97
7) BROMOMETHANE	1.291	94	41681	8.99	UG/L		93
8) CHLOROETHANE	1.366	64	43835	11.08	UG/L	#	85
9) Ethanol	1.840	45	44628	No Calib		#	
10) FLUORODICHLOROMETHANE	1.403	67	125754	10.42	UG/L		92
11) TRICHLOROFLUOROMETHANE	1.670	101	100798	10.43	UG/L		99
12) DI ETHYL ETHER	1.843	59	51866	10.03	UG/L	#	83
13) ACROLEIN	1.679	56	163112	116.79	UG/L		98
14) ACETONE	1.762	43	258871	101.55	UG/L	#	87
15) 1,1-DICHLOROETHENE	1.999	61	106294	9.88	UG/L		94
16) 1,1,2-TRICL-1,2,2-TRIF...	2.164	101	63465	10.63	UG/L		98
17) IODOMETHANE	2.005	142	51436	6.31	UG/L		96
18) ALLYL CHLORIDE	2.114	41	4978	No Calib		#	
19) METHYL ACETATE	2.192	43	78420	10.10	UG/L	#	97
20) T-BUTYL ALCOHOL	2.069	59	65851	103.44	UG/L		99
21) ACRYLONITRILE	2.072	53	29008	10.34	UG/L		96
22) METHYLENE CHLORIDE	2.117	49	102095	7.41	UG/L		93
23) CARBON DISULFIDE	2.214	76	244071	9.97	UG/L		100
24) METHYL TERT-BUTYL ETHE...	2.800	73	173480	11.49	UG/L		92
25) TRANS 1,2-DICHLOROETHENE	2.649	61	100495	10.61	UG/L		99
26) 1,1-DICHLOROETHANE	2.878	63	124956	10.21	UG/L		96
27) PROPIONITRILE	0.000		0	N.D.			
28) VINYL ACETATE	3.120	43	1569902	96.53	UG/L		96
29) CHLOROPRENE	0.000		0	N.D.			
30) DI ISOPROYL ETHER	3.447	45	239049	11.60	UG/L		99
31) 2-BUTANONE	3.383	43	352249	106.26	UG/L	#	98
32) METHACRYLONITRILE	3.740	41	51886	No Calib		#	
33) T-BUTYL ETHYL ETHER	3.843	59	192114	11.45	UG/L		97
34) CIS-1,2-DICHLOROETHENE	3.466	61	100573	9.98	UG/L		99
35) 2,2-DICHLOROPROPANE	3.740	77	89944	9.65	UG/L		98
36) ETHYL ACETATE	3.793	43	62551	9.22	UG/L	#	94
37) BROMOCHLOROMETHANE	3.611	49	63318	10.24	UG/L		94
38) TETRAHYDROFURAN	4.010	42	25054m	11.48	UG/L		
39) CHLOROFORM	3.684	83	119608	10.18	UG/L		97
40) ISOBUTANOL	3.793	43	62551	No Calib		#	
41) 1,1,1-TRICHLOROETHANE	4.384	97	103715	10.48	UG/L		95
42) CYCLOHEXANE	4.629	56	131415	11.22	UG/L	#	82
43) CARBON TETRACHLORIDE	4.721	117	89822	9.80	UG/L		97
44) 1,1-DICHLOROPROPENE	4.587	75	100900	10.89	UG/L		94
45) BENZENE	4.777	78	273301	10.34	UG/L		100
46) T-AMYLMETHYL ETHER	5.020	73	164898	11.17	UG/L		94
49) 1,2-DICHLOROETHANE	4.308	62	92522	10.19	UG/L	#	79
50) METHYL METHACRYLATE	5.714	41	66445	13.27	UG/L		95
51) TRICHLOROETHENE	5.396	95	69347	10.16	UG/L		95
52) METHYLCYCLOHEXANE	5.839	83	125504	12.07	UG/L		91

Data Path : C:\msdchem\1\DATA\031113\
Data File : ve070020.D
Acq On : 11 Mar 2013 6:34 pm
Operator :
Sample : B0-BS1 Inst : GCMSVOA5
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

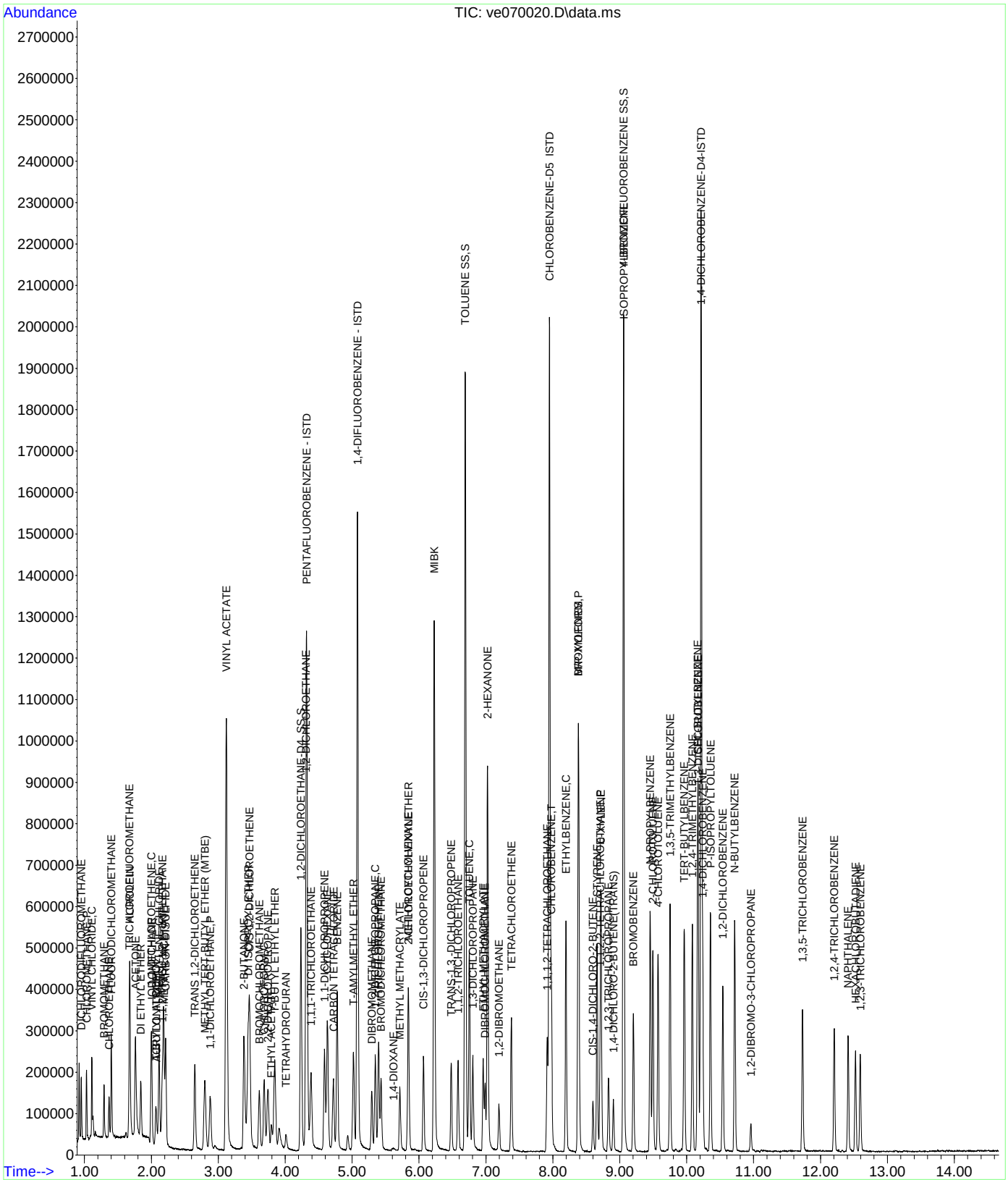
Quant Time: Mar 12 10:46:02 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 1,2-DICHLOROPROPANE	5.346	63	71521	10.44	UG/L #	95
54) DIBROMOMETHANE	5.293	93	42837	10.29	UG/L	87
55) 1,4-DIOXANE	5.619	88	8831m	103.84	UG/L	
56) BROMODICHLOROMETHANE	5.432	83	87501	10.09	UG/L	95
57) 2-CHLOROETHYLVINYLETHER	5.842	63	1226	0.33	UG/L #	1
58) MIBK	6.227	43	767193	106.34	UG/L	92
59) CIS-1,3-DICHLOROPROPENE	6.065	75	103647	9.90	UG/L	92
60) TOLUENE	6.751	91	274582	10.26	UG/L	100
61) TRANS-1,3,-DICHLOROPRO...	6.481	75	92886	10.75	UG/L	91
62) ETHYL METHACRYLATE	6.960	69	88470	11.43	UG/L	98
63) 1,1,2-TRICHLOROETHANE	6.584	97	57144	10.03	UG/L	96
64) 2-HEXANONE	7.025	43	532120	104.35	UG/L	88
65) TETRACHLOROETHENE	7.382	166	78064	10.76	UG/L	96
66) 1,3-DICHLOROPROPANE	6.804	76	95978	10.18	UG/L	99
67) DIBROMOCHLOROMETHANE	6.986	129	66144	10.24	UG/L	99
68) 1,2-DIBROMOETHANE	7.195	107	61296	10.40	UG/L	99
71) CHLOROBENZENE	7.975	112	182865	11.14	UG/L	95
72) 1,1,1,2-TETRACHLOROETHANE	7.917	131	63107	10.27	UG/L	100
73) ETHYLBENZENE	8.196	91	327298	10.75	UG/L	92
74) M/P-XYLENES	8.383	91	516558	22.44	UG/L	95
75) 0-XYLENE	8.720	91	259636	11.62	UG/L	94
76) STYRENE	8.661	104	190158	10.77	UG/L	95
77) BROMOFORM	8.383	173	45730	10.14	UG/L #	97
78) ISOPROPYLBENZENE	9.060	105	324099	11.48	UG/L	95
79) CIS-1,4-DICHLORO-2-BUTENE	8.597	53	21633	8.97	UG/L	94
80) 1,1,2,2-TETRACHLOROETHANE	8.706	83	84118	10.59	UG/L	99
81) 1,4-DICHLORO-2-BUTENE(...	8.904	53	21631	8.94	UG/L	92
82) BROMOBENZENE	9.202	77	116944	10.35	UG/L	87
83) 1,2,3-TRICHLOROPROPANE	8.832	75	64931	10.45	UG/L	88
84) N-PROPYLBENZENE	9.453	91	381518	11.62	UG/L	93
85) 2-CHLOROT0LUENE	9.495	91	207055	11.24	UG/L	96
86) 1,3,5-TRIMETHYLBENZENE	9.752	105	259398	10.68	UG/L	97
87) 4-CHLOROTOLUENE	9.573	91	228149	11.71	UG/L	93
89) TERT-BUTYLBENZENE	9.964	119	219156	11.47	UG/L	92
90) 1,2,4-TRIMETHYLBENZENE	10.084	105	250640	10.58	UG/L	97
91) SEC-BUTYLBENZENE	10.165	105	342562	11.05	UG/L	95
92) 1,3-DICHLOROBENZENE	10.173	146	146259	11.48	UG/L	95
93) P-ISOPROPYLTOLUENE	10.357	119	270013	11.44	UG/L	97
94) 1,4-DICHLOROBENZENE	10.240	146	143504	10.26	UG/L	96
95) N-BUTYLBENZENE	10.717	91	257821	10.07	UG/L	93
96) 1,2-DICHLOROBENZENE	10.541	146	134956	11.41	UG/L	98
97) 1,2-DIBROMO-3-CHLOROPR...	10.959	75	13101	9.75	UG/L #	77
98) 1,3,5-TRICHLOROBENZENE	11.732	180	94445	11.00	UG/L	96
99) 1,2,4-TRICHLOROBENZENE	12.206	180	82250	11.11	UG/L	95
100) HEXACHLOROBUTADIENE	12.524	225	45532	11.00	UG/L	95
101) NAPHTHALENE	12.412	128	174294	10.98	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.596	180	63524	10.79	UG/L	97

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

Data Path : C:\msdchem\1\DATA\031113\
Data File : ve070020.D
Acq On : 11 Mar 2013 6:34 pm
Operator :
Sample : B0-BS1 Inst : GCMSVOA5
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 12 10:46:02 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration



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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13C0408
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Instrument ID:	GCMSVOA5	Calibration:	1300039
Lab File ID:	ve078003.D	Calibration Date:	03/11/13 00:00
Sequence:	S004000	Injection Date:	03/19/13
Lab Sample ID:	S004000-CCV1	Injection Time:	11:37

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Acetone	A	100	75.5	0.1050639	7.933052E-02		-24.5	20	*
Acrylonitrile	A	10.0	8.14	0.1155904	9.408033E-02		-18.6	20	
tert-Amyl Methyl Ether (TAME)	A	10.0	8.49	0.6083542	0.5167767		-15.1	20	
Benzene	A	10.0	10.0	1.089123	1.091697		0.2	20	
Bromobenzene	A	10.0	10.7	0.6735566	0.7192592		6.8	20	
Bromochloromethane	A	10.0	8.35	0.2548714	0.2128615		-16.5	20	
Bromodichloromethane	A	10.0	10.1	0.2545664	0.257669		1.2	20	
Bromoform	A	10.0	10.2	0.2687752	0.2730594		1.6	20	
Bromomethane	A	10.0	10.9	0.190985	0.2087714		9.3	20	
2-Butanone (MEK)	A	100	81.4	0.1366225	0.1112642		-18.6	20	
tert-Butyl Alcohol (TBA)	A	100	97.3	0.0262376	2.551755E-02		-2.7	20	
n-Butylbenzene	A	10.0	10.2	1.614522	1.641868		1.7	20	
sec-Butylbenzene	A	10.0	10.3	1.95387	2.019037		3.3	20	
tert-Butylbenzene	A	10.0	11.1	1.204664	1.338804		11.1	20	
tert-Butyl Ethyl Ether (TBEE)	A	10.0	8.02	0.6916297	0.5549075		-19.8	20	
Carbon Disulfide	L	100	85.1	0.8489096	0.7924929		-14.9	20	
Carbon Tetrachloride	A	10.0	9.76	0.3777841	0.3688577		-2.4	20	
Chlorobenzene	A	10.0	11.6	0.9781429	1.133104		15.8	20	
Chlorodibromomethane	A	10.0	10.0	0.189655	0.1900262		0.2	20	
Chloroethane	A	10.0	9.48	0.1630395	0.1545119		-5.2	20	
Chloroform	A	10.0	10.2	0.4843732	0.4944342		2.1	20	
Chloromethane	A	10.0	7.44	0.3541038	0.2634551		-25.6	20	*
2-Chlorotoluene	A	10.0	11.5	1.097796	1.263442		15.1	20	
4-Chlorotoluene	A	10.0	11.4	1.16151	1.327721		14.3	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13C0408
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Instrument ID:	GCMSVOA5	Calibration:	1300039
Lab File ID:	ve078003.D	Calibration Date:	03/11/13 00:00
Sequence:	S004000	Injection Date:	03/19/13
Lab Sample ID:	S004000-CCV1	Injection Time:	11:37

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	8.16	8.468535E-02	6.913501E-02		-18.4	20	
1,2-Dibromoethane (EDB)	A	10.0	10.7	0.1730012	0.1851916		7.0	20	
Dibromomethane	A	10.0	10.2	0.1222438	0.1244025		1.8	20	
1,2-Dichlorobenzene	A	10.0	11.0	0.7455384	0.8172889		9.6	20	
1,3-Dichlorobenzene	A	10.0	11.0	0.8033011	0.8855593		10.2	20	
1,4-Dichlorobenzene	A	10.0	10.4	0.8820517	0.9184236		4.1	20	
trans-1,4-Dichloro-2-butene	A	10.0	7.04	0.1442637	0.1016031		-29.6	20	*
Dichlorodifluoromethane (Freon 12)	A	10.0	10.3	0.3183987	0.328102		3.0	20	
1,1-Dichloroethane	A	10.0	9.51	0.5044774	0.4798797		-4.9	20	
1,2-Dichloroethane	A	10.0	9.81	0.2664758	0.2613614		-1.9	20	
1,1-Dichloroethylene	A	10.0	9.05	0.4432605	0.4013691		-9.5	20	
cis-1,2-Dichloroethylene	A	10.0	9.36	0.4153283	0.3886653		-6.4	20	
trans-1,2-Dichloroethylene	A	10.0	9.49	0.3902173	0.3703067		-5.1	20	
1,2-Dichloropropane	A	10.0	9.39	0.2010941	0.1887724		-6.1	20	
1,3-Dichloropropane	A	10.0	9.77	0.2767525	0.2702632		-2.3	20	
2,2-Dichloropropane	A	10.0	10.2	0.3840419	0.393822		2.5	20	
1,1-Dichloropropene	A	10.0	10.3	0.3819226	0.394712		3.3	20	
cis-1,3-Dichloropropene	A	10.0	9.68	0.307355	0.2975265		-3.2	20	
trans-1,3-Dichloropropene	A	10.0	9.58	0.2536574	0.2429709		-4.2	20	
Diethyl Ether	A	10.0	8.27	0.2132039	0.1762376		-17.3	20	
Diisopropyl Ether (DIPE)	A	10.0	8.08	0.8492793	0.6861644		-19.2	20	
1,4-Dioxane	A	100	87.9	2.496951E-03	2.19467E-03		-12.1	20	
Ethylbenzene	A	10.0	11.2	1.814075	2.034408		12.1	20	
Hexachlorobutadiene	A	10.0	10.7	0.2609139	0.279937		7.3	20	
2-Hexanone (MBK)	A	100	77.4	0.1497098	0.1157966		-22.7	20	*

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13C0408
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Instrument ID:	GCMSVOA5	Calibration:	1300039
Lab File ID:	ve078003.D	Calibration Date:	03/11/13 00:00
Sequence:	S004000	Injection Date:	03/19/13
Lab Sample ID:	S004000-CCV1	Injection Time:	11:37

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Isopropylbenzene (Cumene)	A	10.0	11.6	1.683605	1.949166		15.8	20	
p-Isopropyltoluene (p-Cymene)	A	10.0	11.1	1.48712	1.649503		10.9	20	
Methyl tert-Butyl Ether (MTBE)	A	10.0	8.78	0.6220637	0.5464351		-12.2	20	
Methylene Chloride	L	10.0	5.90	0.4750894	0.3618311		-41.0	20	*
4-Methyl-2-pentanone (MIBK)	A	100	77.3	0.21182	0.1637241		-22.7	20	*
Naphthalene	A	10.0	10.7	1.000362	1.073877		7.3	20	
n-Propylbenzene	A	10.0	11.6	1.957193	2.269253		15.9	20	
Styrene	A	10.0	11.4	1.052386	1.199943		14.0	20	
1,1,1,2-Tetrachloroethane	A	10.0	10.8	0.3664696	0.3961193		8.1	20	
1,1,2,2-Tetrachloroethane	A	10.0	10.2	0.4734235	0.4839501		2.2	20	
Tetrachloroethylene	A	10.0	11.2	0.212922	0.2381006		11.8	20	
Tetrahydrofuran	A	10.0	8.42	8.993926E-02	7.573784E-02		-15.8	20	
Toluene	A	10.0	10.5	0.7859091	0.823772		4.8	20	
1,2,3-Trichlorobenzene	A	10.0	10.5	0.3710009	0.3902988		5.2	20	
1,2,4-Trichlorobenzene	A	10.0	10.6	0.4666605	0.4953077		6.1	20	
1,3,5-Trichlorobenzene	A	10.0	10.3	0.540988	0.5585086		3.2	20	
1,1,1-Trichloroethane	A	10.0	10.6	0.4077477	0.430568		5.6	20	
1,1,2-Trichloroethane	A	10.0	10.0	0.1673103	0.168026		0.4	20	
Trichloroethylene	A	10.0	10.5	0.2004122	0.2104246		5.0	20	
Trichlorofluoromethane (Freon 11)	A	10.0	10.8	0.3981197	0.4320974		8.5	20	
1,2,3-Trichloropropane	A	10.0	10.0	0.3703641	0.370917		0.1	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	10.2	0.2460495	0.2513971		2.2	20	
1,2,4-Trimethylbenzene	A	10.0	10.9	1.493779	1.626399		8.9	20	

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13C0408
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Instrument ID:	GCMSVOA5	Calibration:	1300039
Lab File ID:	ve078003.D	Calibration Date:	03/11/13 00:00
Sequence:	S004000	Injection Date:	03/19/13
Lab Sample ID:	S004000-CCV1	Injection Time:	11:37

		CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	11.9	1.448192	1.724484		19.1	20
Vinyl Chloride	A	10.0	10.3	0.3170533	0.3258401		2.8	20
m+p Xylene	A	20.0	22.6	1.3725	1.55423		13.2	20
o-Xylene	A	10.0	11.1	1.33205	1.479438		11.1	20
1,2-Dichloroethane-d4	A	25.0	23.7	0.5393891	0.5108239		-5.3	
Toluene-d8	A	25.0	24.2	1.182362	1.146676		-3.0	
4-Bromofluorobenzene	A	25.0	26.8	0.8925537	0.9556591		7.1	

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078003.D
Acq On : 19 Mar 2013 11:37 am
Operator :
Sample : 8260STD 10PPB/BFB 1302132 Inst : GCMSVOA5
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 21 09:40:04 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.320	168	933734	30.00	UG/L		0.00
47) 1,4-DIFLUOROBENZENE - ...	5.081	114	1344667	30.00	UG/L		0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	619942	30.00	UG/L		0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	634975	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	397478	23.68	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.72%				
48) TOLUENE SS	6.690	98	1284914	24.25	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.00%				
70) 4-BROMOFLUOROBENZENE SS	9.055	95	493711	26.77	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.08%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.957	85	102120	10.30	UG/L		99
5) CHLOROMETHANE	1.032	50	81999m	7.44	UG/L		
6) VINYL CHLORIDE	1.113	62	101416	10.28	UG/L		96
7) BROMOMETHANE	1.294	94	64979	10.93	UG/L		93
8) CHLOROETHANE	1.369	64	48091	9.48	UG/L	#	86
10) FLUORODICHLOROMETHANE	1.403	67	148003	9.56	UG/L		92
11) TRICHLOROFLUOROMETHANE	1.673	101	134488	10.85	UG/L		97
12) DI ETHYL ETHER	1.843	59	54853m	8.27	UG/L		
13) ACROLEIN	1.682	56	143876	80.31	UG/L		100
14) ACETONE	1.763	43	246912m	75.51	UG/L		
15) 1,1-DICHLOROETHENE	2.002	61	124924	9.05	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	2.170	101	78246	10.22	UG/L		97
17) IODOMETHANE	2.005	142	1277913	88.55	UG/L		98
19) METHYL ACETATE	2.195	43	72597m	7.29	UG/L		
20) T-BUTYL ALCOHOL	2.069	59	79422m	97.26	UG/L		
21) ACRYLONITRILE	2.069	53	29282m	8.14	UG/L		
22) METHYLENE CHLORIDE	2.117	49	112618m	5.90	UG/L		
23) CARBON DISULFIDE	2.217	76	2466592	85.07	UG/L		100
24) METHYL TERT-BUTYL ETHE...	2.800	73	170075	8.78	UG/L	#	88
25) TRANS 1,2-DICHLOROETHENE	2.652	61	115256	9.49	UG/L		94
26) 1,1-DICHLOROETHANE	2.881	63	149360	9.51	UG/L		97
28) VINYL ACETATE	3.121	43	1642120m	78.71	UG/L		
30) DI ISOPROYL ETHER	3.447	45	213565m	8.08	UG/L		
31) 2-BUTANONE	3.386	43	346304m	81.44	UG/L		
33) T-BUTYL ETHYL ETHER	3.843	59	172712	8.02	UG/L	#	92
34) CIS-1,2-DICHLOROETHENE	3.466	61	120970	9.36	UG/L		88
35) 2,2-DICHLOROPROPANE	3.742	77	122575	10.25	UG/L		99
36) ETHYL ACETATE	3.793	43	67527m	7.76	UG/L		
37) BROMOCHLOROMETHANE	3.617	49	66252	8.35	UG/L	#	83
38) TETRAHYDROFURAN	4.013	42	23573m	8.42	UG/L		
39) CHLOROFORM	3.687	83	153890	10.21	UG/L		97
41) 1,1,1-TRICHLOROETHANE	4.387	97	134012	10.56	UG/L		95
42) CYCLOHEXANE	4.629	56	125464	8.35	UG/L	#	76
43) CARBON TETRACHLORIDE	4.718	117	114805	9.76	UG/L		96
44) 1,1-DICHLOROPROPENE	4.587	75	122852	10.33	UG/L		97
45) BENZENE	4.777	78	339785	10.02	UG/L		100
46) T-AMYLMETHYL ETHER	5.020	73	160844	8.49	UG/L	#	94
49) 1,2-DICHLOROETHANE	4.311	62	117148	9.81	UG/L	#	79
50) METHYL METHACRYLATE	5.842	41	54602	8.08	UG/L	#	72
51) TRICHLOROETHENE	5.396	95	94317	10.50	UG/L		98
52) METHYLCYCLOHEXANE	5.840	83	133147	9.73	UG/L	#	85
53) 1,2-DICHLOROPROPANE	5.346	63	84612	9.39	UG/L	#	94
54) DIBROMOMETHANE	5.293	93	55760	10.18	UG/L		89
55) 1,4-DIOXANE	5.597	88	9837m	87.89	UG/L		
56) BROMODICHLOROMETHANE	5.435	83	115493	10.12	UG/L		99
57) 2-CHLOROETHYLVINYLETHER	5.926	63	395064m	81.72	UG/L		
58) MIBK	6.224	43	733848m	77.29	UG/L		
59) CIS-1,3-DICHLOROPROPENE	6.065	75	133358	9.68	UG/L		96

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078003.D
Acq On : 19 Mar 2013 11:37 am
Operator :
Sample : 8260STD 10PPB/BFB 1302132 Inst : GCMSVOA5
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

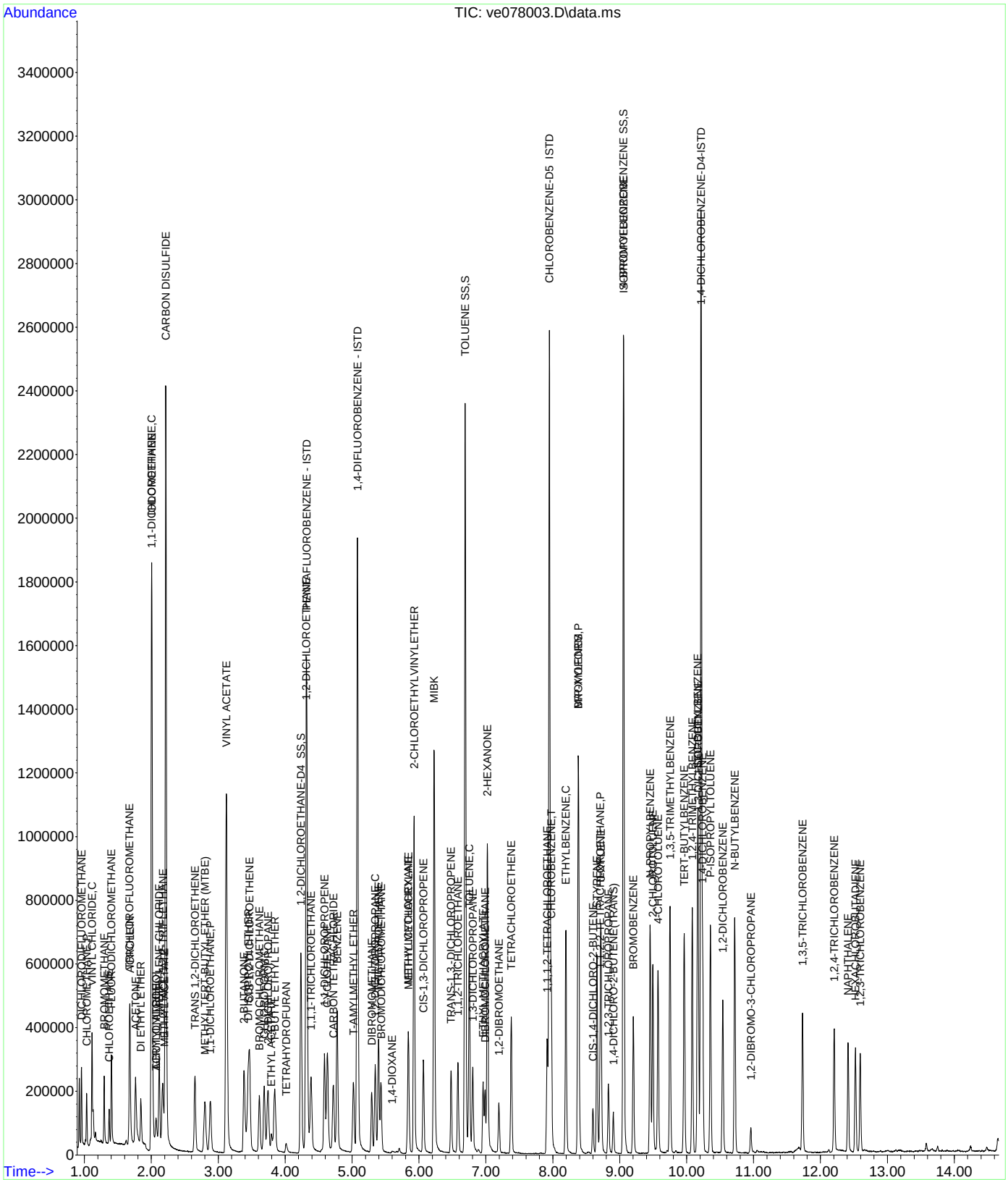
Quant Time: Mar 21 09:40:04 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
60) TOLUENE	6.751	91	369233	10.48	UG/L		99
61) TRANS-1,3,-DICHLOROPRO...	6.478	75	108905	9.58	UG/L		95
62) ETHYL METHACRYLATE	6.955	69	91337	8.97	UG/L		91
63) 1,1,2-TRICHLOROETHANE	6.581	97	75313	10.04	UG/L		99
64) 2-HEXANONE	7.022	43	519026m	77.35	UG/L		
65) TETRACHLOROETHENE	7.379	166	106722	11.18	UG/L		95
66) 1,3-DICHLOROPROPANE	6.804	76	121138	9.77	UG/L		100
67) DIBROMOCHLOROMETHANE	6.988	129	85174	10.02	UG/L		97
68) 1,2-DIBROMOETHANE	7.195	107	83007	10.70	UG/L		99
71) CHLOROBENZENE	7.976	112	234153	11.58	UG/L		97
72) 1,1,1,2-TETRACHLOROETHANE	7.917	131	81857	10.81	UG/L		98
73) ETHYLBENZENE	8.193	91	420405	11.21	UG/L		95
74) M/P-XYLENES	8.380	91	642355	22.65	UG/L		97
75) 0-XYLENE	8.720	91	305722	11.11	UG/L		95
76) STYRENE	8.659	104	247965	11.40	UG/L		99
77) BROMOFORM	8.380	173	56427	10.16	UG/L	#	98
78) ISOPROPYLBENZENE	9.058	105	402790	11.58	UG/L		96
79) CIS-1,4-DICHLORO-2-BUTENE	8.600	53	24205	8.14	UG/L		84
80) 1,1,2,2-TETRACHLOROETHANE	8.706	83	100007	10.22	UG/L		98
81) 1,4-DICHLORO-2-BUTENE(...	8.904	53	20996m	7.04	UG/L		
82) BROMOBENZENE	9.203	77	148633	10.68	UG/L		92
83) 1,2,3-TRICHLOROPROPANE	8.832	75	76649	10.01	UG/L		91
84) N-PROPYLBENZENE	9.454	91	468935	11.59	UG/L		96
85) 2-CHLOROT0LUENE	9.495	91	261087	11.51	UG/L		97
86) 1,3,5-TRIMETHYLBENZENE	9.752	105	356360	11.91	UG/L		96
87) 4-CHLOROTOLUENE	9.574	91	274370	11.43	UG/L		95
89) TERT-BUTYLBENZENE	9.964	119	283369	11.11	UG/L		95
90) 1,2,4-TRIMETHYLBENZENE	10.084	105	344241	10.89	UG/L		98
91) SEC-BUTYLBENZENE	10.165	105	427346	10.33	UG/L		96
92) 1,3-DICHLOROBENZENE	10.173	146	187436	11.02	UG/L		96
93) P-ISOPROPYLTOLUENE	10.354	119	349131	11.09	UG/L		98
94) 1,4-DICHLOROBENZENE	10.237	146	194392	10.41	UG/L		95
95) N-BUTYLBENZENE	10.720	91	347515	10.17	UG/L		95
96) 1,2-DICHLOROBENZENE	10.541	146	172986	10.96	UG/L		98
97) 1,2-DIBROMO-3-CHLOROPR...	10.959	75	14633m	8.16	UG/L		
98) 1,3,5-TRICHLOROBENZENE	11.732	180	118213	10.32	UG/L		95
99) 1,2,4-TRICHLOROBENZENE	12.206	180	104836	10.61	UG/L		95
100) HEXACHLOROBUTADIENE	12.521	225	59251	10.73	UG/L		95
101) NAPHTHALENE	12.412	128	227295	10.73	UG/L		100
102) 1,2,3-TRICHLOROBENZENE	12.594	180	82610	10.52	UG/L		96

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

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078003.D
Acq On : 19 Mar 2013 11:37 am
Operator :
Sample : 8260STD 10PPB/BFB 1302132 Inst : GCMSVOA5
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 21 09:40:04 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration



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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13C0408
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Sequence:	S004000	Instrument:	GCMSVOA5
		Calibration:	1300039

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S004000-CCV1)			*Lab File ID: ve078003.D*			*Analyzed: 03/19/13 11:37*			
Pentafluorobenzene	933734	4.32	707725	4.322	132	50 - 200	-0.0020	+/-0.50	
1,4-Difluorobenzene	1344667	5.081	1022444	5.081	132	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	619942	7.948	491669	7.948	126	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	634975	10.215	471809	10.215	135	50 - 200	0.0000	+/-0.50	
LCS (B069146-BS1)			*Lab File ID: ve078004.D*			*Analyzed: 03/19/13 12:03*			
Pentafluorobenzene	907942	4.322	933734	4.32	97	50 - 200	0.0020	+/-0.50	
1,4-Difluorobenzene	1326193	5.081	1344667	5.081	99	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	630268	7.948	619942	7.948	102	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	641688	10.218	634975	10.215	101	50 - 200	0.0030	+/-0.50	
LCS Dup (B069146-BSD1)			*Lab File ID: ve078005.D*			*Analyzed: 03/19/13 12:30*			
Pentafluorobenzene	919639	4.322	933734	4.32	98	50 - 200	0.0020	+/-0.50	
1,4-Difluorobenzene	1327390	5.081	1344667	5.081	99	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	631658	7.948	619942	7.948	102	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	660086	10.215	634975	10.215	104	50 - 200	0.0000	+/-0.50	
Blank (B069146-BLK1)			*Lab File ID: ve078007.D*			*Analyzed: 03/19/13 13:22*			
Pentafluorobenzene	932952	4.32	933734	4.32	100	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1312564	5.078	1344667	5.081	98	50 - 200	-0.0030	+/-0.50	
Chlorobenzene-d5	620147	7.948	619942	7.948	100	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	643508	10.215	634975	10.215	101	50 - 200	0.0000	+/-0.50	
FB-1_3-13-13 (13C0408-01)			*Lab File ID: ve078016.D*			*Analyzed: 03/19/13 17:20*			
Pentafluorobenzene	879030	4.32	933734	4.32	94	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1261368	5.081	1344667	5.081	94	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	590843	7.948	619942	7.948	95	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	616771	10.218	634975	10.215	97	50 - 200	0.0030	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13C0408
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Sequence:	S004000	Instrument:	GCMSVOA5
		Calibration:	1300039

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
B-46_3-13-13 (13C0408-02)			*Lab File ID: ve078017.D*			*Analyzed: 03/19/13 17:46*			
Pentafluorobenzene	918508	4.322	933734	4.32	98	50 - 200	0.0020	+/-0.50	
1,4-Difluorobenzene	1349285	5.081	1344667	5.081	100	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	627659	7.948	619942	7.948	101	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	653203	10.215	634975	10.215	103	50 - 200	0.0000	+/-0.50	
B-54_3-13-13 (13C0408-03)			*Lab File ID: ve078018.D*			*Analyzed: 03/19/13 18:13*			
Pentafluorobenzene	860638	4.323	933734	4.32	92	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	1214604	5.081	1344667	5.081	90	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	579158	7.948	619942	7.948	93	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	587293	10.215	634975	10.215	92	50 - 200	0.0000	+/-0.50	
B-48_3-13-13 (13C0408-04)			*Lab File ID: ve078019.D*			*Analyzed: 03/19/13 18:39*			
Pentafluorobenzene	948722	4.322	933734	4.32	102	50 - 200	0.0020	+/-0.50	
1,4-Difluorobenzene	1342425	5.081	1344667	5.081	100	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	651618	7.948	619942	7.948	105	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	672174	10.215	634975	10.215	106	50 - 200	0.0000	+/-0.50	
B-47_3-13-13 (13C0408-05)			*Lab File ID: ve078020.D*			*Analyzed: 03/19/13 19:05*			
Pentafluorobenzene	854139	4.319	933734	4.32	91	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	1230117	5.081	1344667	5.081	91	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	586473	7.947	619942	7.948	95	50 - 200	-0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	604146	10.217	634975	10.215	95	50 - 200	0.0020	+/-0.50	
B-51_3-13-13 (13C0408-07)			*Lab File ID: ve078021.D*			*Analyzed: 03/19/13 19:31*			
Pentafluorobenzene	884925	4.32	933734	4.32	95	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1244076	5.081	1344667	5.081	93	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	600223	7.948	619942	7.948	97	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	614784	10.215	634975	10.215	97	50 - 200	0.0000	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13C0408
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Sequence:	S004000	Instrument:	GCMSVOA5
		Calibration:	1300039

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
B-53_3-13-13 (13C0408-08)			*Lab File ID: ve078022.D*			*Analyzed: 03/19/13 19:58*			
Pentafluorobenzene	918758	4.32	933734	4.32	98	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1299317	5.081	1344667	5.081	97	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	609275	7.948	619942	7.948	98	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	626196	10.218	634975	10.215	99	50 - 200	0.0030	+/-0.50	
B-44_3-13-13 (13C0408-09)			*Lab File ID: ve078023.D*			*Analyzed: 03/19/13 20:24*			
Pentafluorobenzene	944691	4.32	933734	4.32	101	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1348522	5.081	1344667	5.081	100	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	634777	7.948	619942	7.948	102	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	648275	10.218	634975	10.215	102	50 - 200	0.0030	+/-0.50	
B-52_3-13-13 (13C0408-10)			*Lab File ID: ve078024.D*			*Analyzed: 03/19/13 20:50*			
Pentafluorobenzene	839648	4.322	933734	4.32	90	50 - 200	0.0020	+/-0.50	
1,4-Difluorobenzene	1172719	5.081	1344667	5.081	87	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	578117	7.951	619942	7.948	93	50 - 200	0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	570514	10.215	634975	10.215	90	50 - 200	0.0000	+/-0.50	
B-45_3-13-13 (13C0408-11)			*Lab File ID: ve078025.D*			*Analyzed: 03/19/13 21:16*			
Pentafluorobenzene	883292	4.322	933734	4.32	95	50 - 200	0.0020	+/-0.50	
1,4-Difluorobenzene	1271730	5.081	1344667	5.081	95	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	598513	7.95	619942	7.948	97	50 - 200	0.0020	+/-0.50	
1,4-Dichlorobenzene-d4	615752	10.215	634975	10.215	97	50 - 200	0.0000	+/-0.50	
FD-01_3-13-13 (13C0408-12)			*Lab File ID: ve078026.D*			*Analyzed: 03/19/13 21:43*			
Pentafluorobenzene	890340	4.32	933734	4.32	95	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1256645	5.078	1344667	5.081	93	50 - 200	-0.0030	+/-0.50	
Chlorobenzene-d5	601348	7.948	619942	7.948	97	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	599109	10.215	634975	10.215	94	50 - 200	0.0000	+/-0.50	

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8 - FORM VIII
INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	13C0408
Client:	CDM Smith, Inc. - NY	Project:	Buffalo, NY
Sequence:	S004000	Instrument:	GCMSVOA5
		Calibration:	1300039

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
B-50_3-13-13 (13C0408-06)			*Lab File ID: ve078027.D*			*Analyzed: 03/19/13 22:09*			
Pentafluorobenzene	848277	4.32	933734	4.32	91	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1210300	5.081	1344667	5.081	90	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	569356	7.948	619942	7.948	92	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	562269	10.215	634975	10.215	89	50 - 200	0.0000	+/-0.50	
Matrix Spike (B069146-MS1)			*Lab File ID: ve078028.D*			*Analyzed: 03/19/13 22:35*			
Pentafluorobenzene	919682	4.322	933734	4.32	98	50 - 200	0.0020	+/-0.50	
1,4-Difluorobenzene	1300649	5.081	1344667	5.081	97	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	637749	7.948	619942	7.948	103	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	634373	10.215	634975	10.215	100	50 - 200	0.0000	+/-0.50	
Matrix Spike Dup (B069146-MSD1)			*Lab File ID: ve078029.D*			*Analyzed: 03/19/13 23:02*			
Pentafluorobenzene	947551	4.322	933734	4.32	101	50 - 200	0.0020	+/-0.50	
1,4-Difluorobenzene	1308592	5.081	1344667	5.081	97	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	633860	7.948	619942	7.948	102	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	649693	10.215	634975	10.215	102	50 - 200	0.0000	+/-0.50	

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VOLATILES QC DATA

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Water	Laboratory ID:	B069146-BLK1	File ID:	ve078007.D
Sampled:		Prepared:	03/15/13 09:05	Analyzed:	03/19/13 13:22
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	V-05
107-13-1	Acrylonitrile		0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.11	0.50	
71-43-2	Benzene		0.050	1.0	
108-86-1	Bromobenzene		0.10	1.0	
74-97-5	Bromochloromethane		0.10	1.0	
75-27-4	Bromodichloromethane		0.080	0.50	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	5.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	V-16
104-51-8	n-Butylbenzene		0.050	2.0	
135-98-8	sec-Butylbenzene		0.050	2.0	
98-06-6	tert-Butylbenzene		0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.070	0.50	
75-15-0	Carbon Disulfide		0.050	4.0	
56-23-5	Carbon Tetrachloride		0.090	5.0	
108-90-7	Chlorobenzene		0.050	1.0	
124-48-1	Chlorodibromomethane		0.12	0.50	
75-00-3	Chloroethane		0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	V-05
95-49-8	2-Chlorotoluene		0.050	1.0	
106-43-4	4-Chlorotoluene		0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.48	5.0	

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Water	Laboratory ID:	B069146-BLK1	File ID:	ve078007.D
Sampled:		Prepared:	03/15/13 09:05	Analyzed:	03/19/13 13:22
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.14	0.50	
74-95-3	Dibromomethane		0.080	1.0	
95-50-1	1,2-Dichlorobenzene		0.060	1.0	
541-73-1	1,3-Dichlorobenzene		0.060	1.0	
106-46-7	1,4-Dichlorobenzene		0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene		0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	V-05
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Water	Laboratory ID:	B069146-BLK1	File ID:	ve078007.D
Sampled:		Prepared:	03/15/13 09:05	Analyzed:	03/19/13 13:22
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.050	1.0	
75-09-2	Methylene Chloride		2.3	5.0	V-05
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	V-05
91-20-3	Naphthalene		0.21	2.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene		0.40	1.0	
71-55-6	1,1,1-Trichloroethane		0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene		0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.070	2.0	
96-18-4	1,2,3-Trichloropropane		0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1		0.11	2.0	
95-63-6	1,2,4-Trimethylbenzene		0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene		0.060	1.0	
75-01-4	Vinyl Chloride		0.16	2.0	
108383/106423	m+p Xylene		0.070	2.0	
95-47-6	o-Xylene		0.050	1.0	

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078007.D
Acq On : 19 Mar 2013 1:22 pm
Operator :
Sample : B0-BLK1 Inst : GCMSVOA5
Misc : 1
ALS Vial : 7 Sample Multiplier: 1

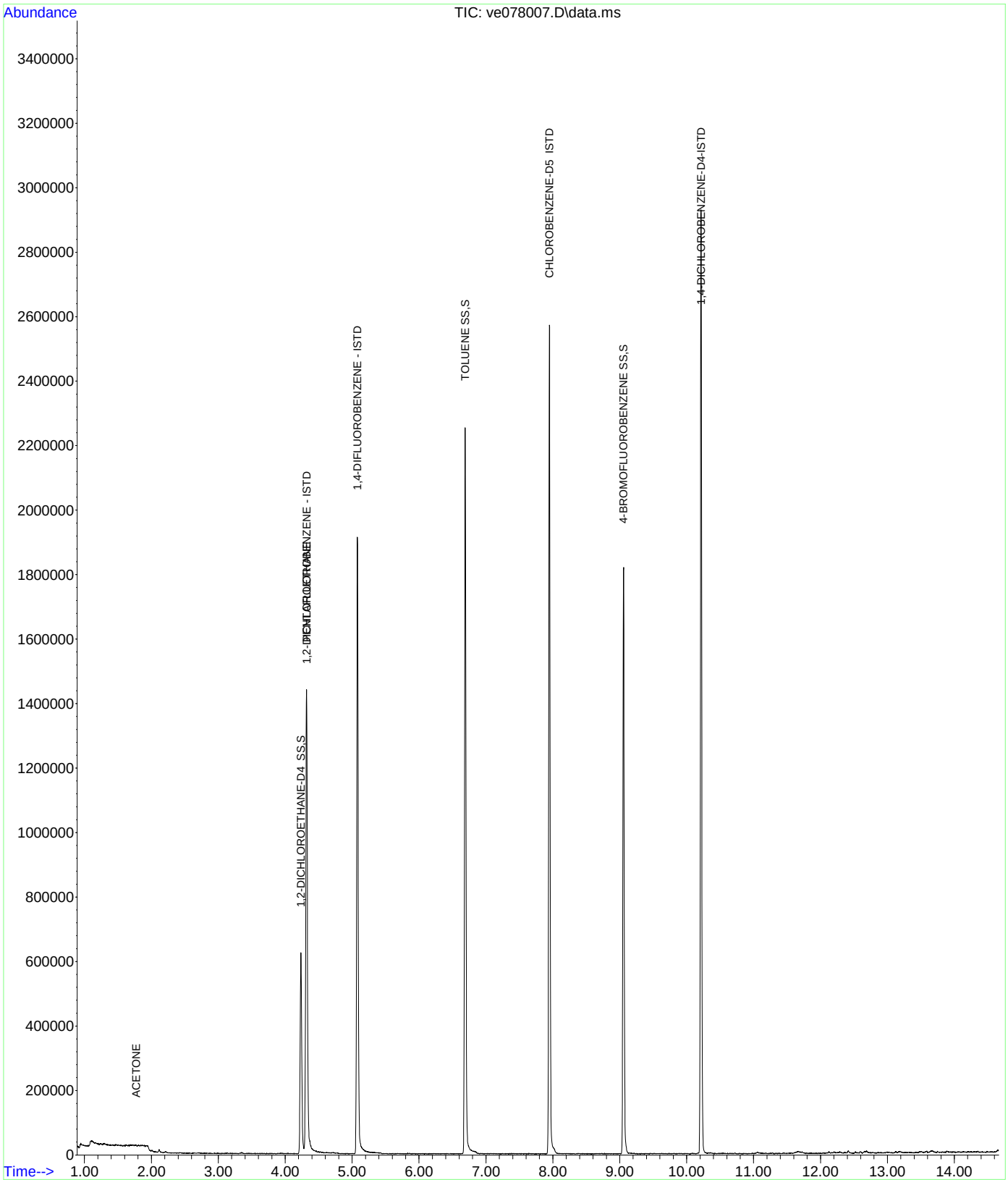
Quant Time: Mar 21 09:47:52 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

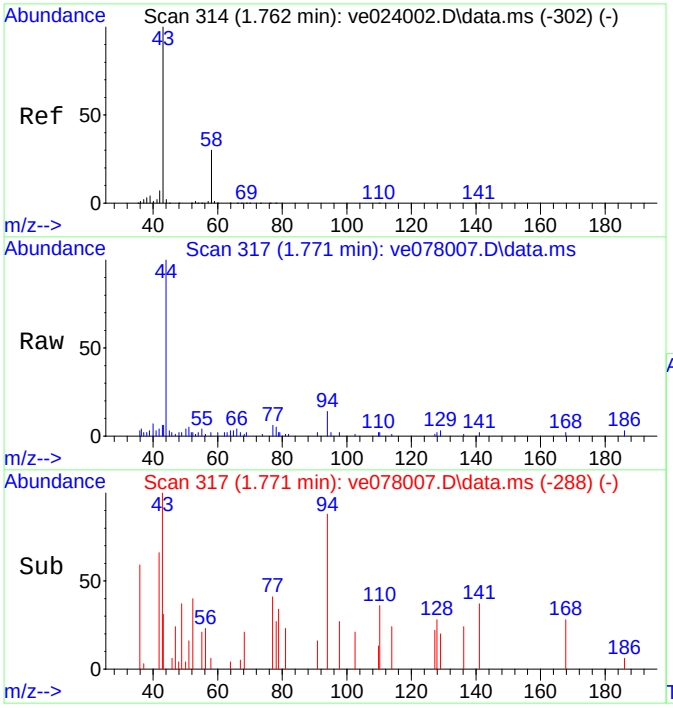
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.320	168	932952	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.078	114	1312564	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	620147	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	643508	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	383813	22.88	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.52%			
48) TOLUENE SS	6.690	98	1227979	23.74	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.96%			
70) 4-BROMOFLUOROBENZENE SS	9.055	95	479315	25.98	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.92%			
Target Compounds						Qvalue
14) ACETONE	1.771	43	2269	0.69	UG/L	# 39
22) METHYLENE CHLORIDE	2.116	49	3111	Below Cal		# 78
23) CARBON DISULFIDE	2.217	76	3664	Below Cal		100
49) 1,2-DICHLOROETHANE	4.322	62	3669	0.31	UG/L	# 1

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

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078007.D
Acq On : 19 Mar 2013 1:22 pm
Operator :
Sample : B0-BLK1 Inst : GCMSVOA5
Misc : 1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 21 09:47:52 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

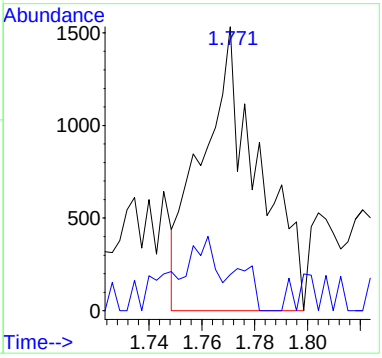


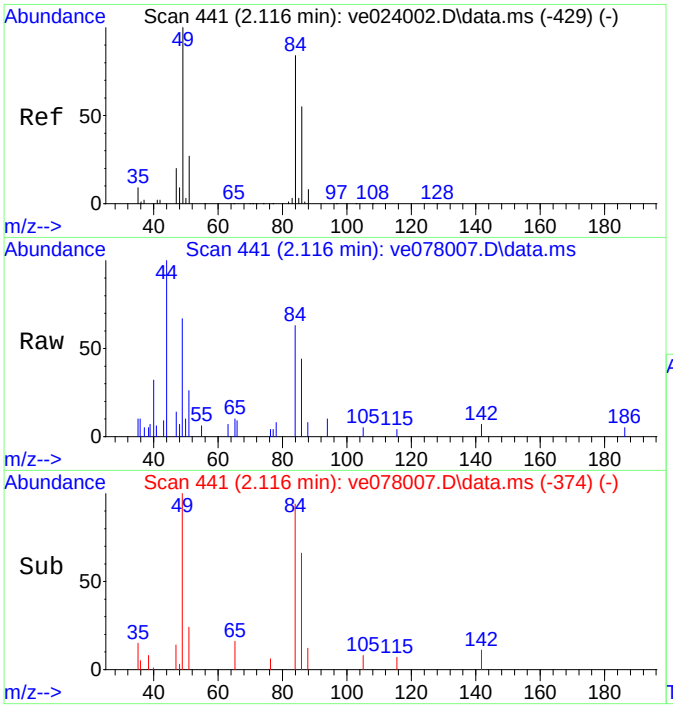


#14
ACETONE
Concen: 0.69 UG/L
RT: 1.771 min Scan# 317
Delta R.T. 0.009 min
Lab File: ve078007.D
Acq: 19 Mar 2013 1:22 pm

Tgt Ion: 43 Resp: 2269

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.2	42.4#

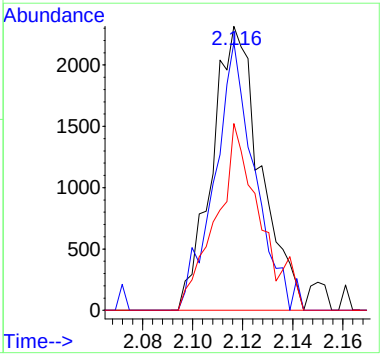


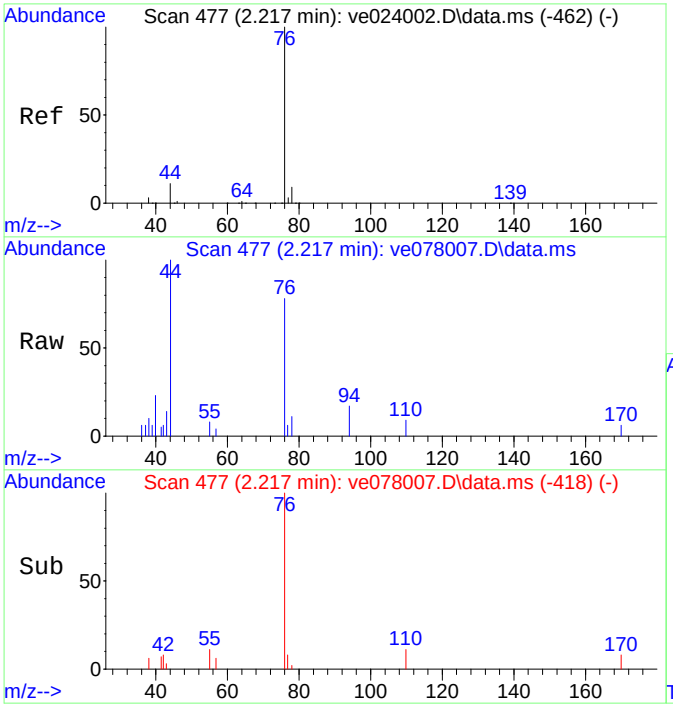


#22
METHYLENE CHLORIDE
Concen: Below Cal
RT: 2.116 min Scan# 441
Delta R.T. -0.003 min
Lab File: ve078007.D
Acq: 19 Mar 2013 1:22 pm

Tgt Ion: 49 Resp: 3111

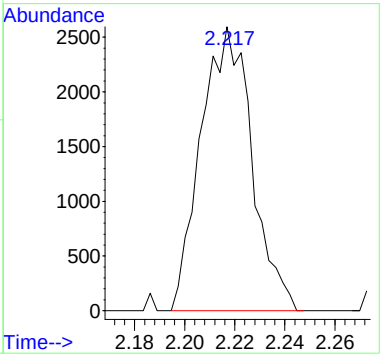
Ion	Ratio	Lower	Upper
49	100		
84	78.6	52.4	78.6
86	59.7	32.2	48.2#

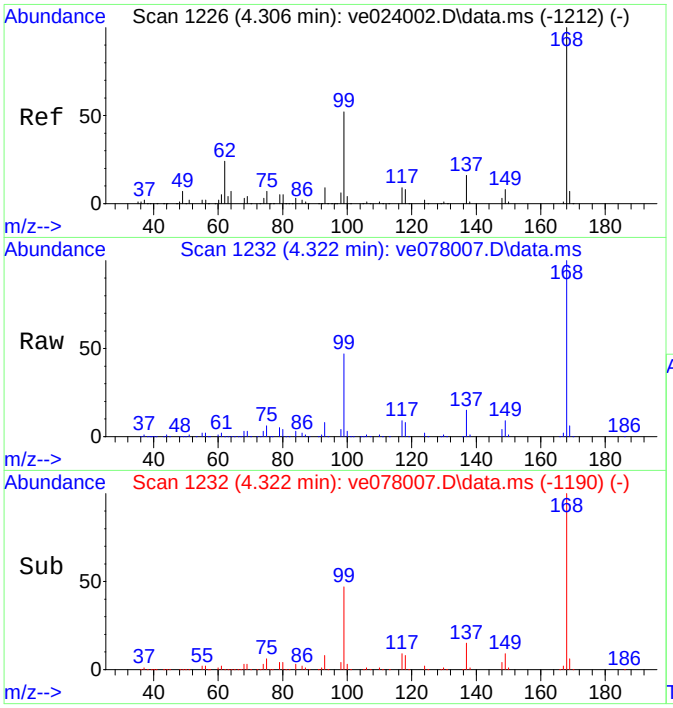




#23
CARBON DISULFIDE
Concen: Below Cal
RT: 2.217 min Scan# 477
Delta R.T. -0.000 min
Lab File: ve078007.D
Acq: 19 Mar 2013 1:22 pm

Tgt Ion: 76 Resp: 3664

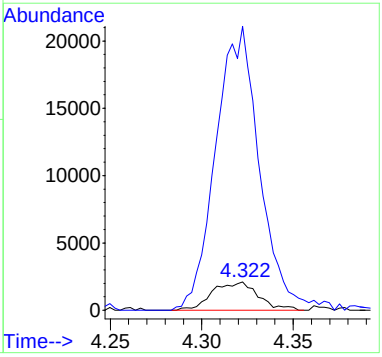




#49
1,2-DICHLOROETHANE
Concen: 0.31 UG/L
RT: 4.322 min Scan# 1232
Delta R.T. 0.013 min
Lab File: ve078007.D
Acq: 19 Mar 2013 1:22 pm

Tgt Ion: 62 Resp: 3669

Ion	Ratio	Lower	Upper
62	100		
98	959.8	22.7	34.1#



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Water	Laboratory ID:	B069146-BS1	File ID:	ve078004.D
Sampled:		Prepared:	03/15/13 09:05	Analyzed:	03/19/13 12:03
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	74.4	0.54	50	V-05
107-13-1	Acrylonitrile	8.60	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.5	0.11	0.50	
71-43-2	Benzene	10.8	0.050	1.0	
108-86-1	Bromobenzene	11.2	0.10	1.0	
74-97-5	Bromochloromethane	8.79	0.10	1.0	
75-27-4	Bromodichloromethane	10.1	0.080	0.50	
75-25-2	Bromoform	9.88	0.25	1.0	
74-83-9	Bromomethane	8.16	0.38	5.0	
78-93-3	2-Butanone (MEK)	70.3	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	76.8	3.5	20	V-16
104-51-8	n-Butylbenzene	10.3	0.050	2.0	
135-98-8	sec-Butylbenzene	11.6	0.050	2.0	
98-06-6	tert-Butylbenzene	12.0	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	10.4	0.070	0.50	
75-15-0	Carbon Disulfide	8.82	0.050	4.0	
56-23-5	Carbon Tetrachloride	10.6	0.090	5.0	
108-90-7	Chlorobenzene	12.7	0.050	1.0	
124-48-1	Chlorodibromomethane	10.3	0.12	0.50	
75-00-3	Chloroethane	10.5	0.33	2.0	
67-66-3	Chloroform	11.2	0.040	2.0	
74-87-3	Chloromethane	7.26	0.13	2.0	V-05
95-49-8	2-Chlorotoluene	12.8	0.050	1.0	
106-43-4	4-Chlorotoluene	12.7	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	7.49	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	11.0	0.14	0.50	

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Water	Laboratory ID:	B069146-BS1	File ID:	ve078004.D
Sampled:		Prepared:	03/15/13 09:05	Analyzed:	03/19/13 12:03
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.5	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	11.7	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	12.2	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	11.0	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	7.02	0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)	7.40	0.040	2.0	
75-34-3	1,1-Dichloroethane	10.4	0.090	1.0	
107-06-2	1,2-Dichloroethane	9.97	0.090	1.0	
75-35-4	1,1-Dichloroethylene	9.74	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	9.82	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.6	0.070	1.0	
78-87-5	1,2-Dichloropropane	9.43	0.20	1.0	
142-28-9	1,3-Dichloropropane	10.3	0.080	0.50	
594-20-7	2,2-Dichloropropane	11.2	0.13	1.0	
563-58-6	1,1-Dichloropropene	11.3	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	10.0	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	10.3	0.12	0.50	
60-29-7	Diethyl Ether	9.08	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	9.54	0.030	0.50	
123-91-1	1,4-Dioxane	89.8	3.5	50	V-16
100-41-4	Ethylbenzene	11.5	0.050	1.0	
87-68-3	Hexachlorobutadiene	11.0	0.26	0.50	
591-78-6	2-Hexanone (MBK)	71.7	0.66	10	V-05
98-82-8	Isopropylbenzene (Cumene)	12.8	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	12.1	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.8	0.050	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Water	Laboratory ID:	B069146-BS1	File ID:	ve078004.D
Sampled:		Prepared:	03/15/13 09:05	Analyzed:	03/19/13 12:03
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	7.17	2.3	5.0	V-05
108-10-1	4-Methyl-2-pentanone (MIBK)	73.5	0.22	10	V-05
91-20-3	Naphthalene	9.55	0.21	2.0	
103-65-1	n-Propylbenzene	12.6	0.040	1.0	
100-42-5	Styrene	12.1	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	11.1	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	10.2	0.18	0.50	
127-18-4	Tetrachloroethylene	12.3	0.14	1.0	
109-99-9	Tetrahydrofuran	7.66	1.0	10	
108-88-3	Toluene	11.4	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.89	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	10.6	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	11.5	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	11.4	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	10.2	0.080	1.0	
79-01-6	Trichloroethylene	10.9	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	11.9	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	9.60	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	12.4	0.11	2.0	
95-63-6	1,2,4-Trimethylbenzene	10.9	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	11.6	0.060	1.0	
75-01-4	Vinyl Chloride	10.4	0.16	2.0	
108383/106423	m+p Xylene	24.8	0.070	2.0	
95-47-6	o-Xylene	12.7	0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078004.D
Acq On : 19 Mar 2013 12:03 pm
Operator :
Sample : B0-BS1 Inst : GCMSVOA5
Misc : 1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 21 09:43:34 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.322	168	907942	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.081	114	1326193	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	630268	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.218	152	641688	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	381386	23.36	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.44%			
48) TOLUENE SS	6.690	98	1271295	24.32	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.28%			
70) 4-BROMOFLUOROBENZENE SS	9.055	95	485850	25.91	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.64%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.957	85	71270	7.40	UG/L	98
5) CHLOROMETHANE	1.035	50	77772	7.26	UG/L	97
6) VINYL CHLORIDE	1.115	62	99808	10.40	UG/L	97
7) BROMOMETHANE	1.297	94	47172	8.16	UG/L	93
8) CHLOROETHANE	1.372	64	51899	10.52	UG/L #	85
10) FLUORODICHLOROMETHANE	1.406	67	163647	10.87	UG/L	92
11) TRICHLOROFLUOROMETHANE	1.673	101	143335	11.90	UG/L	99
12) DI ETHYL ETHER	1.846	59	58620	9.08	UG/L #	89
13) ACROLEIN	1.682	56	151582	87.02	UG/L	99
14) ACETONE	1.762	43	236669m	74.43	UG/L	
15) 1,1-DICHLOROETHENE	2.002	61	130622	9.74	UG/L	98
16) 1,1,2-TRICL-1,2,2-TRIF...	2.170	101	92461	12.42	UG/L	98
17) IODOMETHANE	2.008	142	188989	15.03	UG/L	99
19) METHYL ACETATE	2.195	43	64075m	6.62	UG/L	
20) T-BUTYL ALCOHOL	2.072	59	60955	76.76	UG/L #	94
21) ACRYLONITRILE	2.072	53	30073m	8.60	UG/L	
22) METHYLENE CHLORIDE	2.119	49	124505m	7.17	UG/L	
23) CARBON DISULFIDE	2.217	76	272439	8.82	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.800	73	203081	10.79	UG/L #	88
25) TRANS 1,2-DICHLOROETHENE	2.652	61	125205	10.60	UG/L	92
26) 1,1-DICHLOROETHANE	2.881	63	158700	10.39	UG/L	96
28) VINYL ACETATE	3.121	43	1557135	76.76	UG/L	98
30) DI ISOPROYL ETHER	3.447	45	245218	9.54	UG/L #	87
31) 2-BUTANONE	3.385	43	290717	70.31	UG/L #	90
33) T-BUTYL ETHYL ETHER	3.846	59	218482	10.44	UG/L #	92
34) CIS-1,2-DICHLOROETHENE	3.472	61	123489	9.82	UG/L	88
35) 2,2-DICHLOROPROPANE	3.745	77	129868	11.17	UG/L	100
36) ETHYL ACETATE	3.793	43	56143m	6.63	UG/L	
37) BROMOCHLOROMETHANE	3.614	49	67805	8.79	UG/L #	80
38) TETRAHYDROFURAN	4.010	42	20859m	7.66	UG/L	
39) CHLOROFORM	3.687	83	164057	11.19	UG/L	97
41) 1,1,1-TRICHLOROETHANE	4.389	97	140445	11.38	UG/L	93
42) CYCLOHEXANE	4.629	56	152822	10.46	UG/L #	75
43) CARBON TETRACHLORIDE	4.721	117	121157	10.60	UG/L	96
44) 1,1-DICHLOROPROPENE	4.590	75	130210	11.27	UG/L	96
45) BENZENE	4.777	78	357491	10.85	UG/L	100
46) T-AMYLMETHYL ETHER	5.020	73	192707	10.47	UG/L	94
49) 1,2-DICHLOROETHANE	4.311	62	117413	9.97	UG/L #	83
50) METHYL METHACRYLATE	5.842	41	68013	10.35	UG/L #	72
51) TRICHLOROETHENE	5.396	95	96539	10.90	UG/L	96
52) METHYLCYCLOHEXANE	5.842	83	170332	12.62	UG/L #	84
53) 1,2-DICHLOROPROPANE	5.343	63	83831	9.43	UG/L #	95
54) DIBROMOMETHANE	5.296	93	56593	10.47	UG/L	89
55) 1,4-DIOXANE	5.602	88	9912m	89.80	UG/L	
56) BROMODICHLOROMETHANE	5.432	83	113626	10.10	UG/L	95
58) MIBK	6.227	43	688544	73.53	UG/L	96
59) CIS-1,3-DICHLOROPROPENE	6.065	75	135853	10.00	UG/L	95
60) TOLUENE	6.751	91	397903	11.45	UG/L	99

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078004.D
Acq On : 19 Mar 2013 12:03 pm
Operator :
Sample : B0-BS1 Inst : GCMSVOA5
Misc : 1
ALS Vial : 4 Sample Multiplier: 1

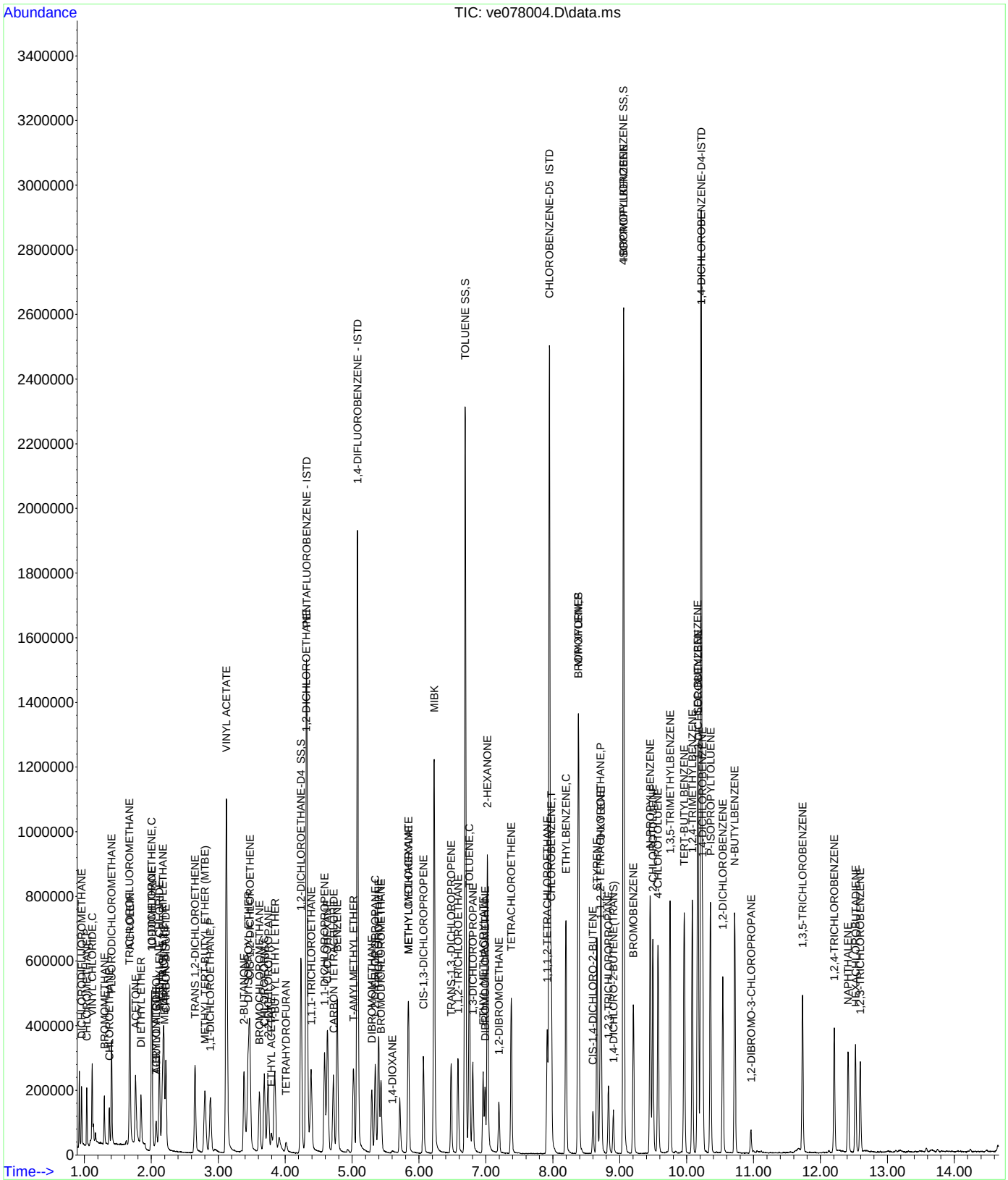
Quant Time: Mar 21 09:43:34 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
61)	TRANS-1,3,-DICHLOROPRO...	6.481	75	115819	10.33	UG/L		94
62)	ETHYL METHACRYLATE	6.958	69	100167	9.97	UG/L		91
63)	1,1,2-TRICHLOROETHANE	6.584	97	75589	10.22	UG/L		97
64)	2-HEXANONE	7.022	43	474690	71.73	UG/L		95
65)	TETRACHLOROETHENE	7.379	166	115750	12.30	UG/L		96
66)	1,3-DICHLOROPROPANE	6.804	76	125586	10.27	UG/L		98
67)	DIBROMOCHLOROMETHANE	6.988	129	86051	10.26	UG/L		100
68)	1,2-DIBROMOETHANE	7.195	107	83872	10.97	UG/L		98
71)	CHLOROBENZENE	7.976	112	260212	12.66	UG/L		98
72)	1,1,1,2-TETRACHLOROETHANE	7.917	131	85134	11.06	UG/L		97
73)	ETHYLBENZENE	8.196	91	439786	11.54	UG/L		96
74)	M/P-XYLENES	8.383	91	715716	24.82	UG/L		96
75)	0-XYLENE	8.720	91	356083	12.72	UG/L		95
76)	STYRENE	8.659	104	266629	12.06	UG/L		97
77)	BROMOFORM	8.380	173	55803	9.88	UG/L	#	98
78)	ISOPROPYLBENZENE	9.058	105	452415	12.79	UG/L		96
79)	CIS-1,4-DICHLORO-2-BUTENE	8.597	53	21740	7.20	UG/L		81
80)	1,1,2,2-TETRACHLOROETHANE	8.709	83	101197	10.17	UG/L		97
81)	1,4-DICHLORO-2-BUTENE(...	8.904	53	21288	7.02	UG/L	#	84
82)	BROMOBENZENE	9.203	77	158389	11.19	UG/L		92
83)	1,2,3-TRICHLOROPROPANE	8.832	75	74676	9.60	UG/L		90
84)	N-PROPYLBENZENE	9.454	91	518377	12.61	UG/L		96
85)	2-CHLOROT0LUENE	9.495	91	295720	12.82	UG/L		98
86)	1,3,5-TRIMETHYLBENZENE	9.752	105	353621	11.62	UG/L		98
87)	4-CHLOROTOLUENE	9.571	91	309968	12.70	UG/L		96
89)	TERT-BUTYLBENZENE	9.964	119	308162	11.96	UG/L		95
90)	1,2,4-TRIMETHYLBENZENE	10.084	105	347764	10.88	UG/L		97
91)	SEC-BUTYLBENZENE	10.165	105	485237	11.61	UG/L		97
92)	1,3-DICHLOROBENZENE	10.173	146	210401	12.25	UG/L		96
93)	P-ISOPROPYLTOLUENE	10.357	119	386134	12.14	UG/L		98
94)	1,4-DICHLOROBENZENE	10.237	146	207160	10.98	UG/L		97
95)	N-BUTYLBENZENE	10.717	91	357029	10.34	UG/L		95
96)	1,2-DICHLOROBENZENE	10.541	146	186796	11.71	UG/L		96
97)	1,2-DIBROMO-3-CHLOROPR...	10.962	75	13563	7.49	UG/L		84
98)	1,3,5-TRICHLOROBENZENE	11.732	180	133146	11.51	UG/L		94
99)	1,2,4-TRICHLOROBENZENE	12.206	180	106270	10.65	UG/L		95
100)	HEXACHLOROBUTADIENE	12.527	225	61306	10.99	UG/L		96
101)	NAPHTHALENE	12.412	128	204350	9.55	UG/L		100
102)	1,2,3-TRICHLOROBENZENE	12.594	180	78518	9.89	UG/L		96

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

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078004.D
Acq On : 19 Mar 2013 12:03 pm
Operator :
Sample : B0-BS1 Inst : GCMSVOA5
Misc : 1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 21 09:43:34 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Water	Laboratory ID:	B069146-BSD1	File ID:	ve078005.D
Sampled:		Prepared:	03/15/13 09:05	Analyzed:	03/19/13 12:30
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	78.2	0.54	50	V-05
107-13-1	Acrylonitrile	8.15	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.7	0.11	0.50	
71-43-2	Benzene	10.3	0.050	1.0	
108-86-1	Bromobenzene	11.2	0.10	1.0	
74-97-5	Bromochloromethane	8.67	0.10	1.0	
75-27-4	Bromodichloromethane	9.97	0.080	0.50	
75-25-2	Bromoform	10.2	0.25	1.0	
74-83-9	Bromomethane	9.82	0.38	5.0	
78-93-3	2-Butanone (MEK)	73.6	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	83.7	3.5	20	V-16
104-51-8	n-Butylbenzene	9.90	0.050	2.0	
135-98-8	sec-Butylbenzene	11.0	0.050	2.0	
98-06-6	tert-Butylbenzene	11.8	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	10.3	0.070	0.50	
75-15-0	Carbon Disulfide	7.65	0.050	4.0	
56-23-5	Carbon Tetrachloride	10.1	0.090	5.0	
108-90-7	Chlorobenzene	12.6	0.050	1.0	
124-48-1	Chlorodibromomethane	10.6	0.12	0.50	
75-00-3	Chloroethane	10.2	0.33	2.0	
67-66-3	Chloroform	10.7	0.040	2.0	
74-87-3	Chloromethane	7.27	0.13	2.0	V-05
95-49-8	2-Chlorotoluene	12.4	0.050	1.0	
106-43-4	4-Chlorotoluene	12.4	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	7.91	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	11.3	0.14	0.50	

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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Water	Laboratory ID:	B069146-BSD1	File ID:	ve078005.D
Sampled:		Prepared:	03/15/13 09:05	Analyzed:	03/19/13 12:30
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.6	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	11.4	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	11.8	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.9	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	7.48	0.77	2.0	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)	6.89	0.040	2.0	
75-34-3	1,1-Dichloroethane	9.90	0.090	1.0	
107-06-2	1,2-Dichloroethane	9.97	0.090	1.0	
75-35-4	1,1-Dichloroethylene	9.02	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	9.27	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	9.95	0.070	1.0	
78-87-5	1,2-Dichloropropane	9.65	0.20	1.0	
142-28-9	1,3-Dichloropropane	10.1	0.080	0.50	
594-20-7	2,2-Dichloropropane	10.7	0.13	1.0	
563-58-6	1,1-Dichloropropene	10.6	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	9.95	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	10.6	0.12	0.50	
60-29-7	Diethyl Ether	8.66	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	9.30	0.030	0.50	
123-91-1	1,4-Dioxane	90.2	3.5	50	V-16
100-41-4	Ethylbenzene	11.8	0.050	1.0	
87-68-3	Hexachlorobutadiene	10.5	0.26	0.50	
591-78-6	2-Hexanone (MBK)	78.8	0.66	10	V-05
98-82-8	Isopropylbenzene (Cumene)	12.6	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	11.2	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	11.2	0.050	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

LCS Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Water	Laboratory ID:	B069146-BSD1	File ID:	ve078005.D
Sampled:		Prepared:	03/15/13 09:05	Analyzed:	03/19/13 12:30
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	6.63	2.3	5.0	L-07, V-05
108-10-1	4-Methyl-2-pentanone (MIBK)	79.8	0.22	10	V-05
91-20-3	Naphthalene	10.4	0.21	2.0	
103-65-1	n-Propylbenzene	12.4	0.040	1.0	
100-42-5	Styrene	11.6	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	11.0	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	10.6	0.18	0.50	
127-18-4	Tetrachloroethylene	12.1	0.14	1.0	
109-99-9	Tetrahydrofuran	8.33	1.0	10	
108-88-3	Toluene	11.0	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	10.5	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	10.7	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	10.9	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	11.0	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	10.6	0.080	1.0	
79-01-6	Trichloroethylene	10.5	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	11.0	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	10.3	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	11.6	0.11	2.0	
95-63-6	1,2,4-Trimethylbenzene	10.3	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	11.4	0.060	1.0	
75-01-4	Vinyl Chloride	9.73	0.16	2.0	
108383/106423	m+p Xylene	24.0	0.070	2.0	
95-47-6	o-Xylene	12.2	0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078005.D
Acq On : 19 Mar 2013 12:30 pm
Operator :
Sample : B0-BSD1 Inst : GCMSVOA5
Misc : 1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 21 09:47:05 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.322	168	919639	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.081	114	1327390	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	631658	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	660086	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	384175	23.23	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.92%			
48) TOLUENE SS	6.690	98	1280123	24.47	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.88%			
70) 4-BROMOFLUOROBENZENE SS	9.055	95	497514	26.47	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.88%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.957	85	67201m	6.89	UG/L	
5) CHLOROMETHANE	1.035	50	78866	7.27	UG/L	99
6) VINYL CHLORIDE	1.115	62	94521	9.73	UG/L	96
7) BROMOMETHANE	1.297	94	57467	9.82	UG/L	94
8) CHLOROETHANE	1.372	64	50769	10.16	UG/L #	84
10) FLUORODICHLOROMETHANE	1.406	67	156177	10.24	UG/L	91
11) TRICHLOROFLUOROMETHANE	1.676	101	134272	11.00	UG/L	100
12) DI ETHYL ETHER	1.846	59	56631	8.66	UG/L #	87
13) ACROLEIN	1.682	56	158705	89.95	UG/L	100
14) ACETONE	1.762	43	251984m	78.24	UG/L	
15) 1,1-DICHLOROETHENE	2.002	61	122557	9.02	UG/L	97
16) 1,1,2-TRICL-1,2,2-TRIF...	2.170	101	87153	11.55	UG/L	99
17) IODOMETHANE	2.008	142	139951	11.48	UG/L	99
19) METHYL ACETATE	2.195	43	59296	6.05	UG/L #	92
20) T-BUTYL ALCOHOL	2.069	59	67334	83.72	UG/L	93
21) ACRYLONITRILE	2.075	53	28868m	8.15	UG/L	
22) METHYLENE CHLORIDE	2.119	49	119660m	6.63	UG/L	
23) CARBON DISULFIDE	2.220	76	242860	7.65	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.803	73	212698	11.15	UG/L #	88
25) TRANS 1,2-DICHLOROETHENE	2.652	61	119049	9.95	UG/L	93
26) 1,1-DICHLOROETHANE	2.883	63	153115	9.90	UG/L	97
28) VINYL ACETATE	3.123	43	1627342	79.20	UG/L	98
30) DI ISOPROYL ETHER	3.447	45	242099	9.30	UG/L #	90
31) 2-BUTANONE	3.385	43	308071	73.56	UG/L #	89
33) T-BUTYL ETHYL ETHER	3.846	59	217741	10.27	UG/L #	92
34) CIS-1,2-DICHLOROETHENE	3.472	61	118072	9.27	UG/L	89
35) 2,2-DICHLOROPROPANE	3.745	77	125545	10.66	UG/L	99
36) ETHYL ACETATE	3.793	43	55924	6.53	UG/L #	95
37) BROMOCHLOROMETHANE	3.614	49	67717	8.67	UG/L #	83
38) TETRAHYDROFURAN	4.013	42	22956m	8.33	UG/L	
39) CHLOROFORM	3.687	83	158485	10.67	UG/L	96
41) 1,1,1-TRICHLOROETHANE	4.389	97	137225	10.98	UG/L	95
42) CYCLOHEXANE	4.632	56	143887	9.72	UG/L #	76
43) CARBON TETRACHLORIDE	4.721	117	116823	10.09	UG/L	96
44) 1,1-DICHLOROPROPENE	4.587	75	123996	10.59	UG/L	97
45) BENZENE	4.777	78	344377	10.31	UG/L	100
46) T-AMYLMETHYL ETHER	5.020	73	199587	10.70	UG/L #	94
49) 1,2-DICHLOROETHANE	4.311	62	117596	9.97	UG/L #	81
50) METHYL METHACRYLATE	5.839	41	62808	9.51	UG/L #	73
51) TRICHLOROETHENE	5.396	95	93027	10.49	UG/L	96
52) METHYLCYCLOHEXANE	5.842	83	160486	11.88	UG/L #	84
53) 1,2-DICHLOROPROPANE	5.346	63	85905	9.65	UG/L #	94
54) DIBROMOMETHANE	5.293	93	57489	10.63	UG/L	90
55) 1,4-DIOXANE	5.611	88	9965m	90.20	UG/L	
56) BROMODICHLOROMETHANE	5.432	83	112259	9.97	UG/L	96
58) MIBK	6.227	43	747989	79.81	UG/L	96
59) CIS-1,3-DICHLOROPROPENE	6.065	75	135309	9.95	UG/L	95
60) TOLUENE	6.751	91	383135	11.02	UG/L	99

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078005.D
Acq On : 19 Mar 2013 12:30 pm
Operator :
Sample : B0-BSD1 Inst : GCMSVOA5
Misc : 1
ALS Vial : 5 Sample Multiplier: 1

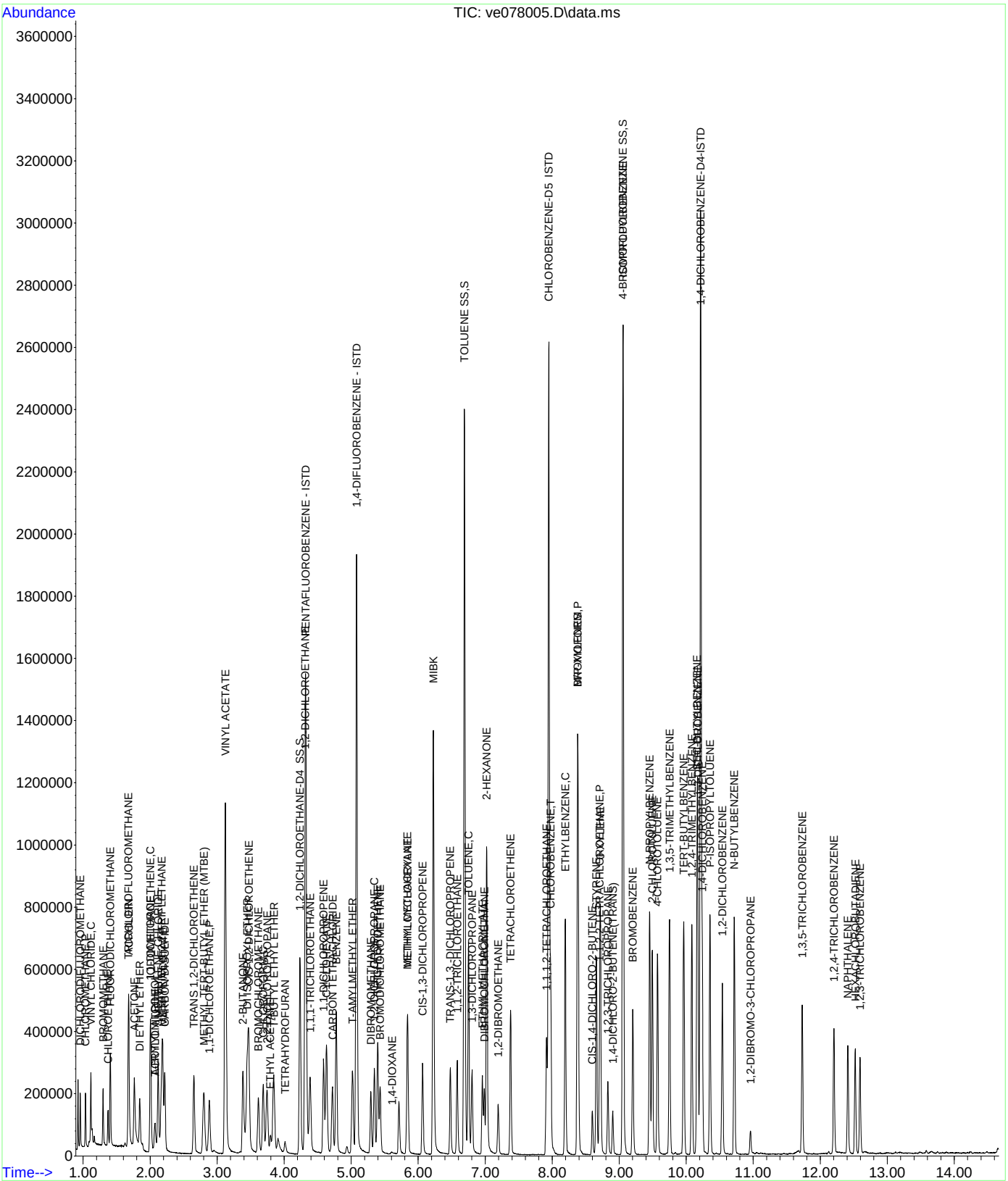
Quant Time: Mar 21 09:47:05 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
61) TRANS-1,3,-DICHLOROPRO...	6.478	75	119041	10.61 UG/L	93
62) ETHYL METHACRYLATE	6.958	69	103616	10.31 UG/L	89
63) 1,1,2-TRICHLOROETHANE	6.584	97	78403	10.59 UG/L	99
64) 2-HEXANONE	7.022	43	521731	78.76 UG/L	94
65) TETRACHLOROETHENE	7.379	166	113590	12.06 UG/L	97
66) 1,3-DICHLOROPROPANE	6.804	76	123407	10.08 UG/L	98
67) DIBROMOCHLOROMETHANE	6.988	129	88621	10.56 UG/L	99
68) 1,2-DIBROMOETHANE	7.195	107	86305	11.27 UG/L	99
71) CHLOROBENZENE	7.976	112	259203	12.59 UG/L	98
72) 1,1,1,2-TETRACHLOROETHANE	7.917	131	84563	10.96 UG/L	97
73) ETHYLBENZENE	8.196	91	450492	11.79 UG/L	94
74) M/P-XYLENES	8.383	91	693256	23.99 UG/L	97
75) 0-XYLENE	8.720	91	342788	12.22 UG/L	95
76) STYRENE	8.659	104	257262	11.61 UG/L	97
77) BROMOFORM	8.380	173	57547	10.17 UG/L #	98
78) ISOPROPYLBENZENE	9.058	105	448302	12.65 UG/L	96
79) CIS-1,4-DICHLORO-2-BUTENE	8.597	53	23820	7.87 UG/L	84
80) 1,1,2,2-TETRACHLOROETHANE	8.706	83	105473	10.58 UG/L	99
81) 1,4-DICHLORO-2-BUTENE(...	8.904	53	22711	7.48 UG/L #	82
82) BROMOBENZENE	9.203	77	159255	11.23 UG/L	92
83) 1,2,3-TRICHLOROPROPANE	8.832	75	79999	10.26 UG/L	92
84) N-PROPYLBENZENE	9.454	91	509999	12.38 UG/L	95
85) 2-CHLOROT0LUENE	9.495	91	287001	12.42 UG/L	97
86) 1,3,5-TRIMETHYLBENZENE	9.752	105	349036	11.45 UG/L	98
87) 4-CHLOROTOLUENE	9.571	91	302638	12.37 UG/L	95
89) TERT-BUTYLBENZENE	9.964	119	312279	11.78 UG/L	95
90) 1,2,4-TRIMETHYLBENZENE	10.084	105	337711	10.27 UG/L	97
91) SEC-BUTYLBENZENE	10.162	105	471235	10.96 UG/L	97
92) 1,3-DICHLOROBENZENE	10.173	146	208932	11.82 UG/L	96
93) P-ISOPROPYLTOLUENE	10.354	119	366363	11.20 UG/L	98
94) 1,4-DICHLOROBENZENE	10.240	146	211830	10.91 UG/L	96
95) N-BUTYLBENZENE	10.717	91	351561	9.90 UG/L	96
96) 1,2-DICHLOROBENZENE	10.538	146	187282	11.42 UG/L	98
97) 1,2-DIBROMO-3-CHLOROPR...	10.959	75	14744	7.91 UG/L	83
98) 1,3,5-TRICHLOROBENZENE	11.732	180	129270	10.86 UG/L	97
99) 1,2,4-TRICHLOROBENZENE	12.203	180	109775	10.69 UG/L	96
100) HEXACHLOROBUTADIENE	12.524	225	60246	10.49 UG/L	94
101) NAPHTHALENE	12.412	128	229809	10.44 UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.594	180	85368	10.46 UG/L	95

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

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078005.D
Acq On : 19 Mar 2013 12:30 pm
Operator :
Sample : B0-BSD1 Inst : GCMSVOA5
Misc : 1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 21 09:47:05 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Water	Laboratory ID:	B069146-MS1	File ID:	ve078028.D
Sampled:		Prepared:	03/15/13 09:05	Analyzed:	03/19/13 22:35
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	49.8	0.54	50	MS-07A, V-05
107-13-1	Acrylonitrile	5.52	0.51	5.0	MS-07A
994-05-8	tert-Amyl Methyl Ether (TAME)	9.12	0.11	0.50	
71-43-2	Benzene	10.8	0.050	1.0	
108-86-1	Bromobenzene	10.6	0.10	1.0	
74-97-5	Bromochloromethane	8.53	0.10	1.0	
75-27-4	Bromodichloromethane	10.5	0.080	0.50	
75-25-2	Bromoform	7.87	0.25	1.0	
74-83-9	Bromomethane	11.5	0.38	5.0	
78-93-3	2-Butanone (MEK)	43.1	0.41	20	MS-07A
75-65-0	tert-Butyl Alcohol (TBA)	49.6	3.5	20	MS-07A, V-16
104-51-8	n-Butylbenzene	9.87	0.050	2.0	
135-98-8	sec-Butylbenzene	11.4	0.050	2.0	
98-06-6	tert-Butylbenzene	12.2	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	9.51	0.070	0.50	
75-15-0	Carbon Disulfide	8.23	0.050	4.0	
56-23-5	Carbon Tetrachloride	10.9	0.090	5.0	
108-90-7	Chlorobenzene	12.7	0.050	1.0	
124-48-1	Chlorodibromomethane	9.82	0.12	0.50	
75-00-3	Chloroethane	11.3	0.33	2.0	
67-66-3	Chloroform	11.2	0.040	2.0	
74-87-3	Chloromethane	8.47	0.13	2.0	V-05
95-49-8	2-Chlorotoluene	12.6	0.050	1.0	
106-43-4	4-Chlorotoluene	12.0	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	4.67	0.48	5.0	MS-07A
106-93-4	1,2-Dibromoethane (EDB)	9.40	0.14	0.50	

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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Water	Laboratory ID:	B069146-MS1	File ID:	ve078028.D
Sampled:		Prepared:	03/15/13 09:05	Analyzed:	03/19/13 22:35
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	9.78	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.7	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	11.7	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.6	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	4.61	0.77	2.0	MS-07A, V-05
75-71-8	Dichlorodifluoromethane (Freon 12)	7.26	0.040	2.0	
75-34-3	1,1-Dichloroethane	10.2	0.090	1.0	
107-06-2	1,2-Dichloroethane	9.91	0.090	1.0	
75-35-4	1,1-Dichloroethylene	9.90	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	9.69	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.8	0.070	1.0	
78-87-5	1,2-Dichloropropane	9.88	0.20	1.0	
142-28-9	1,3-Dichloropropane	9.50	0.080	0.50	
594-20-7	2,2-Dichloropropane	9.80	0.13	1.0	
563-58-6	1,1-Dichloropropene	11.4	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	9.47	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	9.46	0.12	0.50	
60-29-7	Diethyl Ether	8.62	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	9.18	0.030	0.50	
123-91-1	1,4-Dioxane	62.4	3.5	50	MS-07A, V-16
100-41-4	Ethylbenzene	11.7	0.050	1.0	
87-68-3	Hexachlorobutadiene	9.13	0.26	0.50	
591-78-6	2-Hexanone (MBK)	49.1	0.66	10	MS-07A, V-05
98-82-8	Isopropylbenzene (Cumene)	12.6	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	11.7	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	9.26	0.050	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Water	Laboratory ID:	B069146-MS1	File ID:	ve078028.D
Sampled:		Prepared:	03/15/13 09:05	Analyzed:	03/19/13 22:35
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	5.79	2.3	5.0	MS-07A, V-05
108-10-1	4-Methyl-2-pentanone (MIBK)	52.1	0.22	10	MS-07A, V-05
91-20-3	Naphthalene	4.79	0.21	2.0	MS-07A
103-65-1	n-Propylbenzene	12.2	0.040	1.0	
100-42-5	Styrene	11.5	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	11.0	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	7.59	0.18	0.50	
127-18-4	Tetrachloroethylene	12.6	0.14	1.0	
109-99-9	Tetrahydrofuran	4.94	1.0	10	MS-07A
108-88-3	Toluene	12.4	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	5.48	0.22	5.0	MS-07A
120-82-1	1,2,4-Trichlorobenzene	7.28	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	9.53	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	11.8	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	9.31	0.080	1.0	
79-01-6	Trichloroethylene	11.2	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	12.8	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	6.94	0.21	2.0	MS-22
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	12.1	0.11	2.0	
95-63-6	1,2,4-Trimethylbenzene	11.1	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	11.4	0.060	1.0	
75-01-4	Vinyl Chloride	11.1	0.16	2.0	
108383/106423	m+p Xylene	25.1	0.070	2.0	
95-47-6	o-Xylene	12.6	0.050	1.0	

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078028.D
Acq On : 19 Mar 2013 10:35 pm
Operator :
Sample : B0-MS1 Inst : GCMSVOA5
Misc : 1
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 21 09:57:21 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) PENTAFLUOROBENZENE - ISTD	4.322	168	919682	30.00	UG/L		0.00
47) 1,4-DIFLUOROBENZENE - ...	5.081	114	1300649	30.00	UG/L		0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	637749	30.00	UG/L		0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	634373	30.00	UG/L		0.00
System Monitoring Compounds							
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	365943	22.13	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.52%				
48) TOLUENE SS	6.690	98	1268171	24.74	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.96%				
70) 4-BROMOFLUOROBENZENE SS	9.057	95	484761	25.55	UG/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.20%				
Target Compounds							Qvalue
3) DICHLORODIFLUOROMETHANE	0.956	85	70865	7.26	UG/L		98
5) CHLOROMETHANE	1.035	50	91951	8.47	UG/L		100
6) VINYL CHLORIDE	1.115	62	107973	11.11	UG/L		96
7) BROMOMETHANE	1.297	94	67298	11.49	UG/L		94
8) CHLOROETHANE	1.372	64	56345	11.27	UG/L	#	88
10) FLUORODICHLOROMETHANE	1.405	67	174380	11.44	UG/L		91
11) TRICHLOROFLUOROMETHANE	1.676	101	155847	12.77	UG/L		99
12) DI ETHYL ETHER	1.846	59	56313	8.62	UG/L	#	87
13) ACROLEIN	1.681	56	100730	57.09	UG/L		100
14) ACETONE	1.762	43	160474	49.82	UG/L	#	84
15) 1,1-DICHLOROETHENE	2.005	61	134515	9.90	UG/L		97
16) 1,1,2-TRICL-1,2,2-TRIF...	2.169	101	91260	12.10	UG/L		100
17) IODOMETHANE	2.008	142	128609	10.70	UG/L		96
19) METHYL ACETATE	2.195	43	40301	4.11	UG/L	#	92
20) T-BUTYL ALCOHOL	2.069	59	39906	49.61	UG/L	#	93
21) ACRYLONITRILE	2.072	53	19555m	5.52	UG/L		
22) METHYLENE CHLORIDE	2.119	49	109615	5.79	UG/L	#	78
23) CARBON DISULFIDE	2.217	76	259409	8.23	UG/L		100
24) METHYL TERT-BUTYL ETHE...	2.802	73	176639	9.26	UG/L	#	87
25) TRANS 1,2-DICHLOROETHENE	2.652	61	128688	10.76	UG/L		93
26) 1,1-DICHLOROETHANE	2.881	63	158485	10.25	UG/L		95
28) VINYL ACETATE	3.120	43	1257325	61.19	UG/L		97
30) DI ISOPROYL ETHER	3.447	45	238906	9.18	UG/L	#	88
31) 2-BUTANONE	3.385	43	180454	43.09	UG/L	#	88
33) T-BUTYL ETHYL ETHER	3.845	59	201667	9.51	UG/L	#	92
34) CIS-1,2-DICHLOROETHENE	3.472	61	123395	9.69	UG/L		88
35) 2,2-DICHLOROPROPANE	3.745	77	115427	9.80	UG/L		98
36) ETHYL ACETATE	3.795	43	37562	4.38	UG/L	#	82
37) BROMOCHLOROMETHANE	3.614	49	66663	8.53	UG/L	#	81
38) TETRAHYDROFURAN	4.013	42	13629m	4.94	UG/L		
39) CHLOROFORM	3.689	83	166651	11.22	UG/L		97
41) 1,1,1-TRICHLOROETHANE	4.386	97	146963	11.76	UG/L		96
42) CYCLOHEXANE	4.632	56	157109	10.62	UG/L	#	78
43) CARBON TETRACHLORIDE	4.721	117	126165	10.89	UG/L		96
44) 1,1-DICHLOROPROPENE	4.590	75	133977	11.44	UG/L		95
45) BENZENE	4.777	78	360713	10.80	UG/L		100
46) T-AMYLMETHYL ETHER	5.019	73	170076	9.12	UG/L		94
49) 1,2-DICHLOROETHANE	4.311	62	114510	9.91	UG/L	#	80
50) METHYL METHACRYLATE	5.842	41	71470	11.13	UG/L	#	72
51) TRICHLOROETHENE	5.396	95	97706	11.24	UG/L		98
52) METHYLCYCLOHEXANE	5.839	83	178372	13.47	UG/L	#	84
53) 1,2-DICHLOROPROPANE	5.346	63	86140	9.88	UG/L	#	93
54) DIBROMOMETHANE	5.296	93	51852	9.78	UG/L		88
55) 1,4-DIOXANE	5.605	88	6760m	62.45	UG/L		
56) BROMODICHLOROMETHANE	5.432	83	115724	10.49	UG/L		96
57) 2-CHLOROETHYLVINYLETHER	5.845	63	1695	0.36	UG/L	#	1
58) MIBK	6.227	43	478658	52.12	UG/L		97
59) CIS-1,3-DICHLOROPROPENE	6.065	75	126250	9.47	UG/L		96

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078028.D
Acq On : 19 Mar 2013 10:35 pm
Operator :
Sample : B0-MS1 Inst : GCMSVOA5
Misc : 1
ALS Vial : 28 Sample Multiplier: 1

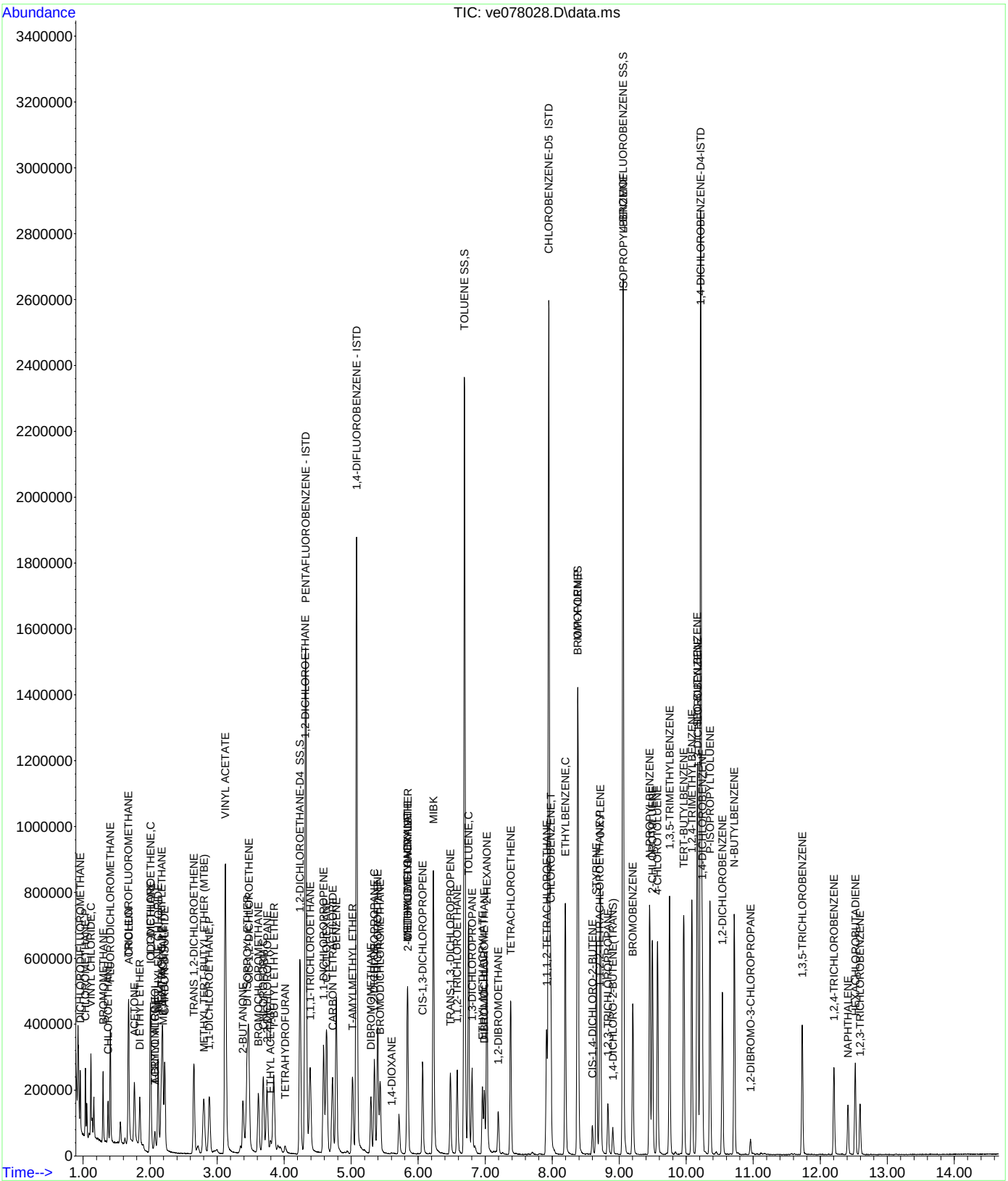
Quant Time: Mar 21 09:57:21 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
60) TOLUENE	6.751	91	420855	12.35	UG/L		99
61) TRANS-1,3,-DICHLOROPRO...	6.481	75	103992	9.46	UG/L		95
62) ETHYL METHACRYLATE	6.958	69	82242	8.35	UG/L		89
63) 1,1,2-TRICHLOROETHANE	6.581	97	67527	9.31	UG/L		98
64) 2-HEXANONE	7.024	43	318437	49.06	UG/L		95
65) TETRACHLOROETHENE	7.381	166	116102	12.58	UG/L		97
66) 1,3-DICHLOROPROPANE	6.804	76	113970	9.50	UG/L		98
67) DIBROMOCHLOROMETHANE	6.985	129	80756	9.82	UG/L		97
68) 1,2-DIBROMOETHANE	7.195	107	70521	9.40	UG/L		100
71) CHLOROBENZENE	7.978	112	264984	12.74	UG/L		97
72) 1,1,1,2-TETRACHLOROETHANE	7.920	131	86032	11.04	UG/L		99
73) ETHYLBENZENE	8.196	91	450129	11.67	UG/L		95
74) M/P-XYLENES	8.383	91	731662	25.08	UG/L		97
75) 0-XYLENE	8.720	91	355717	12.56	UG/L		95
76) STYRENE	8.659	104	257224	11.50	UG/L		97
77) BROMOFORM	8.380	173	44967	7.87	UG/L	#	99
78) ISOPROPYLBENZENE	9.060	105	451832	12.62	UG/L		97
79) CIS-1,4-DICHLORO-2-BUTENE	8.600	53	14472	4.73	UG/L		84
80) 1,1,2,2-TETRACHLOROETHANE	8.706	83	76428	7.59	UG/L		97
81) 1,4-DICHLORO-2-BUTENE(...	8.904	53	14134	4.61	UG/L	#	87
82) BROMOBENZENE	9.202	77	152044	10.62	UG/L		95
83) 1,2,3-TRICHLOROPROPANE	8.832	75	54607m	6.94	UG/L		
84) N-PROPYLBENZENE	9.453	91	507009	12.19	UG/L		96
85) 2-CHLOROT0LUENE	9.495	91	293939	12.60	UG/L		98
86) 1,3,5-TRIMETHYLBENZENE	9.752	105	350513	11.39	UG/L		98
87) 4-CHLOROTOLUENE	9.571	91	297573	12.05	UG/L		96
89) TERT-BUTYLBENZENE	9.964	119	311819	12.24	UG/L		95
90) 1,2,4-TRIMETHYLBENZENE	10.084	105	349574	11.07	UG/L		97
91) SEC-BUTYLBENZENE	10.165	105	470537	11.39	UG/L		96
92) 1,3-DICHLOROBENZENE	10.173	146	198432	11.68	UG/L		96
93) P-ISOPROPYLTOLUENE	10.354	119	367491	11.69	UG/L		98
94) 1,4-DICHLOROBENZENE	10.240	146	198556	10.65	UG/L		94
95) N-BUTYLBENZENE	10.717	91	337068	9.87	UG/L		96
96) 1,2-DICHLOROBENZENE	10.541	146	169040	10.72	UG/L		96
97) 1,2-DIBROMO-3-CHLOROPR...	10.959	75	8368	4.67	UG/L		81
98) 1,3,5-TRICHLOROBENZENE	11.732	180	109050	9.53	UG/L		95
99) 1,2,4-TRICHLOROBENZENE	12.206	180	71863	7.28	UG/L		99
100) HEXACHLOROBUTADIENE	12.524	225	50361	9.13	UG/L		95
101) NAPHTHALENE	12.415	128	101255	4.79	UG/L		100
102) 1,2,3-TRICHLOROBENZENE	12.593	180	43005	5.48	UG/L		94

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

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078028.D
Acq On : 19 Mar 2013 10:35 pm
Operator :
Sample : B0-MS1 Inst : GCMSVOA5
Misc : 1
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Mar 21 09:57:21 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration



con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Water	Laboratory ID:	B069146-MSD1	File ID:	ve078029.D
Sampled:		Prepared:	03/15/13 09:05	Analyzed:	03/19/13 23:02
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	51.1	0.54	50	MS-07A, V-05
107-13-1	Acrylonitrile	5.56	0.51	5.0	MS-07A
994-05-8	tert-Amyl Methyl Ether (TAME)	8.12	0.11	0.50	
71-43-2	Benzene	10.8	0.050	1.0	
108-86-1	Bromobenzene	10.6	0.10	1.0	
74-97-5	Bromochloromethane	8.34	0.10	1.0	
75-27-4	Bromodichloromethane	10.2	0.080	0.50	
75-25-2	Bromoform	7.96	0.25	1.0	
74-83-9	Bromomethane	11.0	0.38	5.0	
78-93-3	2-Butanone (MEK)	43.5	0.41	20	MS-07A
75-65-0	tert-Butyl Alcohol (TBA)	52.5	3.5	20	V-16, MS-07A
104-51-8	n-Butylbenzene	9.66	0.050	2.0	
135-98-8	sec-Butylbenzene	11.2	0.050	2.0	
98-06-6	tert-Butylbenzene	12.0	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	8.57	0.070	0.50	
75-15-0	Carbon Disulfide	7.95	0.050	4.0	
56-23-5	Carbon Tetrachloride	10.4	0.090	5.0	
108-90-7	Chlorobenzene	12.8	0.050	1.0	
124-48-1	Chlorodibromomethane	9.65	0.12	0.50	
75-00-3	Chloroethane	10.7	0.33	2.0	
67-66-3	Chloroform	10.9	0.040	2.0	
74-87-3	Chloromethane	7.50	0.13	2.0	V-05
95-49-8	2-Chlorotoluene	12.4	0.050	1.0	
106-43-4	4-Chlorotoluene	12.2	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	4.68	0.48	5.0	MS-07A
106-93-4	1,2-Dibromoethane (EDB)	9.44	0.14	0.50	

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Water	Laboratory ID:	B069146-MSD1	File ID:	ve078029.D
Sampled:		Prepared:	03/15/13 09:05	Analyzed:	03/19/13 23:02
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	9.60	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.8	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	11.4	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.6	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	4.64	0.77	2.0	MS-07A, V-05
75-71-8	Dichlorodifluoromethane (Freon 12)	7.07	0.040	2.0	
75-34-3	1,1-Dichloroethane	9.94	0.090	1.0	
107-06-2	1,2-Dichloroethane	9.70	0.090	1.0	
75-35-4	1,1-Dichloroethylene	9.46	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	9.59	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.3	0.070	1.0	
78-87-5	1,2-Dichloropropane	9.46	0.20	1.0	
142-28-9	1,3-Dichloropropane	9.23	0.080	0.50	
594-20-7	2,2-Dichloropropane	8.87	0.13	1.0	
563-58-6	1,1-Dichloropropene	10.9	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	9.27	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	9.13	0.12	0.50	
60-29-7	Diethyl Ether	8.24	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	8.99	0.030	0.50	
123-91-1	1,4-Dioxane	60.0	3.5	50	MS-07A, V-16
100-41-4	Ethylbenzene	11.9	0.050	1.0	
87-68-3	Hexachlorobutadiene	9.13	0.26	0.50	
591-78-6	2-Hexanone (MBK)	48.3	0.66	10	MS-07A, V-05
98-82-8	Isopropylbenzene (Cumene)	12.6	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	11.4	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	8.53	0.050	1.0	

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1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Con-Test Analytical Laboratory			Work Order:	13C0408
Client:	CDM Smith, Inc. - NY		Project:	Buffalo, NY	
Matrix:	Water	Laboratory ID:	B069146-MSD1	File ID:	ve078029.D
Sampled:		Prepared:	03/15/13 09:05	Analyzed:	03/19/13 23:02
Solids:		Preparation:	SW-846 5030B	Dilution:	
Batch:	B069146	Sequence:	S004000	Calibration:	1300039
Instrument:	GCMSVOA5				
Column:	1				

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	5.38	2.3	5.0	MS-07A, V-05
108-10-1	4-Methyl-2-pentanone (MIBK)	52.1	0.22	10	MS-07A, V-05
91-20-3	Naphthalene	5.49	0.21	2.0	MS-07A
103-65-1	n-Propylbenzene	12.4	0.040	1.0	
100-42-5	Styrene	11.5	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	10.9	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	7.64	0.18	0.50	
127-18-4	Tetrachloroethylene	12.1	0.14	1.0	
109-99-9	Tetrahydrofuran	5.68	1.0	10	MS-07A
108-88-3	Toluene	12.5	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	6.13	0.22	5.0	MS-07A
120-82-1	1,2,4-Trichlorobenzene	7.67	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	9.45	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	11.4	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	9.31	0.080	1.0	
79-01-6	Trichloroethylene	11.0	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	12.2	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	7.13	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	11.8	0.11	2.0	
95-63-6	1,2,4-Trimethylbenzene	10.8	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	11.7	0.060	1.0	
75-01-4	Vinyl Chloride	10.9	0.16	2.0	
108383/106423	m+p Xylene	25.1	0.070	2.0	
95-47-6	o-Xylene	12.8	0.050	1.0	

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078029.D
Acq On : 19 Mar 2013 11:02 pm
Operator :
Sample : B0-MSD1 Inst : GCMSVOA5
Misc : 1
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 21 09:58:24 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.322	168	947551	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.081	114	1308592	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	633860	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	649693	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.239	65	370976	21.78	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.12%			
48) TOLUENE SS	6.690	98	1284141	24.90	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.60%			
70) 4-BROMOFLUOROBENZENE SS	9.057	95	482139	25.57	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.28%			
Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.956	85	71123	7.07	UG/L	99
5) CHLOROMETHANE	1.032	50	83866	7.50	UG/L	99
6) VINYL CHLORIDE	1.115	62	109330	10.92	UG/L	98
7) BROMOMETHANE	1.297	94	66661	11.05	UG/L	94
8) CHLOROETHANE	1.372	64	54997	10.68	UG/L #	86
10) FLUORODICHLOROMETHANE	1.405	67	170474	10.85	UG/L	93
11) TRICHLOROFLUOROMETHANE	1.673	101	153676	12.22	UG/L	99
12) DI ETHYL ETHER	1.843	59	55466	8.24	UG/L #	89
13) ACROLEIN	1.682	56	102099	56.16	UG/L	99
14) ACETONE	1.765	43	169434	51.06	UG/L #	83
15) 1,1-DICHLOROETHENE	2.002	61	132428	9.46	UG/L	98
16) 1,1,2-TRICL-1,2,2-TRIF...	2.170	101	91864	11.82	UG/L	97
17) IODOMETHANE	2.008	142	138281	11.08	UG/L	98
19) METHYL ACETATE	2.192	43	41979	4.16	UG/L #	93
20) T-BUTYL ALCOHOL	2.072	59	43543	52.54	UG/L #	95
21) ACRYLONITRILE	2.072	53	20313m	5.56	UG/L	
22) METHYLENE CHLORIDE	2.117	49	107836	5.38	UG/L #	76
23) CARBON DISULFIDE	2.217	76	259061	7.95	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.800	73	167586	8.53	UG/L #	88
25) TRANS 1,2-DICHLOROETHENE	2.652	61	127052	10.31	UG/L	92
26) 1,1-DICHLOROETHANE	2.881	63	158436	9.94	UG/L	96
28) VINYL ACETATE	3.120	43	1261915	59.61	UG/L	97
30) DI ISOPROYL ETHER	3.447	45	241091	8.99	UG/L #	87
31) 2-BUTANONE	3.385	43	187579	43.47	UG/L #	89
33) T-BUTYL ETHYL ETHER	3.843	59	187303	8.57	UG/L #	91
34) CIS-1,2-DICHLOROETHENE	3.472	61	125790	9.59	UG/L	89
35) 2,2-DICHLOROPROPANE	3.745	77	107557	8.87	UG/L	99
36) ETHYL ACETATE	3.798	43	35665	4.04	UG/L #	95
37) BROMOCHLOROMETHANE	3.614	49	67172	8.34	UG/L #	80
38) TETRAHYDROFURAN	4.013	42	16122m	5.68	UG/L	
39) CHLOROFORM	3.687	83	166196	10.86	UG/L	97
41) 1,1,1-TRICHLOROETHANE	4.386	97	146802	11.40	UG/L	95
42) CYCLOHEXANE	4.632	56	154647	10.14	UG/L #	76
43) CARBON TETRACHLORIDE	4.721	117	124489	10.43	UG/L	97
44) 1,1-DICHLOROPROPENE	4.587	75	131854	10.93	UG/L	97
45) BENZENE	4.777	78	370612	10.77	UG/L	100
46) T-AMYLMETHYL ETHER	5.020	73	156114	8.12	UG/L	94
49) 1,2-DICHLOROETHANE	4.311	62	112781	9.70	UG/L #	76
50) METHYL METHACRYLATE	5.842	41	73605	11.41	UG/L #	71
51) TRICHLOROETHENE	5.396	95	96318	11.02	UG/L	98
52) METHYLCYCLOHEXANE	5.842	83	182475	13.70	UG/L #	85
53) 1,2-DICHLOROPROPANE	5.346	63	83007	9.46	UG/L #	93
54) DIBROMOMETHANE	5.293	93	51187	9.60	UG/L	90
55) 1,4-DIOXANE	5.608	88	6536m	60.01	UG/L	
56) BROMODICHLOROMETHANE	5.432	83	112770	10.16	UG/L	97
57) 2-CHLOROETHYLVINYLETHER	5.837	63	1887	0.40	UG/L #	1
58) MIBK	6.227	43	481472	52.11	UG/L	97
59) CIS-1,3-DICHLOROPROPENE	6.068	75	124232	9.27	UG/L	96

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078029.D
Acq On : 19 Mar 2013 11:02 pm
Operator :
Sample : B0-MSD1 Inst : GCMSVOA5
Misc : 1
ALS Vial : 29 Sample Multiplier: 1

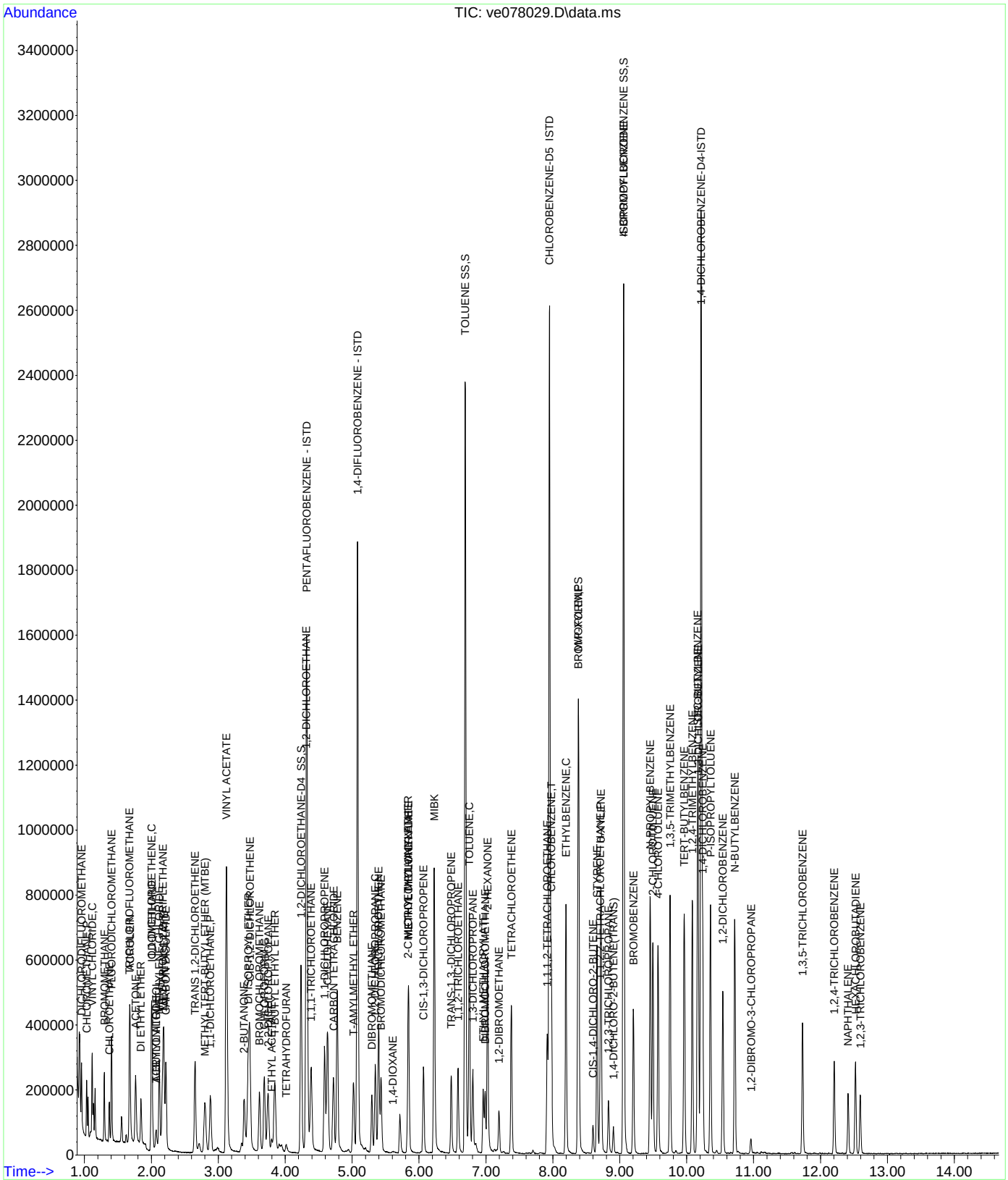
Quant Time: Mar 21 09:58:24 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
60) TOLUENE	6.751	91	429677	12.53	UG/L		99
61) TRANS-1,3,-DICHLOROPRO...	6.481	75	101066	9.13	UG/L		95
62) ETHYL METHACRYLATE	6.958	69	79266	8.00	UG/L		91
63) 1,1,2-TRICHLOROETHANE	6.584	97	67956	9.31	UG/L		100
64) 2-HEXANONE	7.025	43	315549	48.32	UG/L		95
65) TETRACHLOROETHENE	7.381	166	112514	12.11	UG/L		95
66) 1,3-DICHLOROPROPANE	6.804	76	111431	9.23	UG/L		100
67) DIBROMOCHLOROMETHANE	6.988	129	79822	9.65	UG/L		98
68) 1,2-DIBROMOETHANE	7.195	107	71262	9.44	UG/L		97
71) CHLOROBENZENE	7.975	112	264988	12.82	UG/L		98
72) 1,1,1,2-TETRACHLOROETHANE	7.917	131	84311	10.89	UG/L		98
73) ETHYLBENZENE	8.196	91	454889	11.87	UG/L		94
74) M/P-XYLENES	8.383	91	727835	25.10	UG/L		98
75) 0-XYLENE	8.720	91	360254	12.80	UG/L		94
76) STYRENE	8.661	104	256668	11.54	UG/L		98
77) BROMOFORM	8.380	173	45184	7.96	UG/L	#	98
78) ISOPROPYLBENZENE	9.057	105	446902	12.56	UG/L		96
79) CIS-1,4-DICHLORO-2-BUTENE	8.600	53	14286	4.70	UG/L		84
80) 1,1,2,2-TETRACHLOROETHANE	8.706	83	76397	7.64	UG/L		99
81) 1,4-DICHLORO-2-BUTENE(...	8.904	53	14154	4.64	UG/L		93
82) BROMOBENZENE	9.205	77	151305	10.63	UG/L		93
83) 1,2,3-TRICHLOROPROPANE	8.832	75	55759	7.13	UG/L		94
84) N-PROPYLBENZENE	9.453	91	514264	12.44	UG/L		97
85) 2-CHLOROT0LUENE	9.495	91	287893	12.41	UG/L		98
86) 1,3,5-TRIMETHYLBENZENE	9.752	105	357503	11.68	UG/L		98
87) 4-CHLOROTOLUENE	9.573	91	300477	12.24	UG/L		96
89) TERT-BUTYLBENZENE	9.964	119	313459	12.02	UG/L		94
90) 1,2,4-TRIMETHYLBENZENE	10.084	105	348976	10.79	UG/L		97
91) SEC-BUTYLBENZENE	10.165	105	475407	11.24	UG/L		96
92) 1,3-DICHLOROBENZENE	10.173	146	199091	11.44	UG/L		96
93) P-ISOPROPYLTOLUENE	10.357	119	368065	11.43	UG/L		98
94) 1,4-DICHLOROBENZENE	10.240	146	202663	10.61	UG/L		95
95) N-BUTYLBENZENE	10.719	91	337896	9.66	UG/L		96
96) 1,2-DICHLOROBENZENE	10.541	146	173499	10.75	UG/L		97
97) 1,2-DIBROMO-3-CHLOROPR...	10.962	75	8592	4.68	UG/L		85
98) 1,3,5-TRICHLOROBENZENE	11.732	180	110691	9.45	UG/L		97
99) 1,2,4-TRICHLOROBENZENE	12.206	180	77491	7.67	UG/L		96
100) HEXACHLOROBUTADIENE	12.524	225	51610	9.13	UG/L		94
101) NAPHTHALENE	12.412	128	119036	5.49	UG/L		100
102) 1,2,3-TRICHLOROBENZENE	12.596	180	49239	6.13	UG/L		96

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

Data Path : C:\msdchem\1\DATA\031913\
Data File : ve078029.D
Acq On : 19 Mar 2013 11:02 pm
Operator :
Sample : B0-MSD1 Inst : GCMSVOA5
Misc : 1
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Mar 21 09:58:24 2013
Quant Method : C:\msdchem\1\METHODS\E031113W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Mar 12 09:30:20 2013
Response via : Initial Calibration



U:\DATA\031913\

Date	Filename	Lab ID	Sample Info
19 Mar 2013 10:45 am	ve078001.D	BLK	1
19 Mar 2013 11:11 am	ve078002.D	PRIME	1
19 Mar 2013 11:37 am	ve078003.D	8260STD 10PPB/BFB 1302132	1
19 Mar 2013 12:03 pm	ve078004.D	B0-BS1	1
19 Mar 2013 12:30 pm	ve078005.D	B0-BSD1	1
19 Mar 2013 12:56 pm	ve078006.D	BLK	1
19 Mar 2013 1:22 pm	ve078007.D	B0-BLK1	1
19 Mar 2013 1:48 pm	ve078008.D	13C0423-14	1
19 Mar 2013 2:15 pm	ve078009.D	13C0423-15	1
19 Mar 2013 2:42 pm	ve078010.D	13C0423-16	1
19 Mar 2013 3:08 pm	ve078011.D	13C0423-17	1
19 Mar 2013 3:35 pm	ve078012.D	13C0436-01	1
19 Mar 2013 4:01 pm	ve078013.D	13C0436-02	1
19 Mar 2013 4:27 pm	ve078014.D	13C0436-03	1
19 Mar 2013 4:54 pm	ve078015.D	13C0436-04	1
19 Mar 2013 5:20 pm	ve078016.D	13C0408-01	1
19 Mar 2013 5:46 pm	ve078017.D	13C0408-02	1
19 Mar 2013 6:13 pm	ve078018.D	13C0408-03	1
19 Mar 2013 6:39 pm	ve078019.D	13C0408-04	1
19 Mar 2013 7:05 pm	ve078020.D	13C0408-05	1
19 Mar 2013 7:31 pm	ve078021.D	13C0408-07	1
19 Mar 2013 7:58 pm	ve078022.D	13C0408-08	1
19 Mar 2013 8:24 pm	ve078023.D	13C0408-09	1
19 Mar 2013 8:50 pm	ve078024.D	13C0408-10	1
19 Mar 2013 9:16 pm	ve078025.D	13C0408-11	1
19 Mar 2013 9:43 pm	ve078026.D	13C0408-12	1
19 Mar 2013 10:09 pm	ve078027.D	13C0408-06	1
19 Mar 2013 10:35 pm	ve078028.D	B0-MS1	1
19 Mar 2013 11:02 pm	ve078029.D	B0-MSD1	1
19 Mar 2013 11:28 pm	ve078030.D	CLEAN UP	1
19 Mar 2013 11:54 pm	ve078031.D	CLEAN UP	1
20 Mar 2013 12:21 am	ve078032.D	CLEAN UP	1
20 Mar 2013 12:47 am	ve078033.D	8260 STD 10 PPB 1302132	1
20 Mar 2013 1:13 am	ve078034.D	B0-BS1 @ (RCP)	1
20 Mar 2013 1:39 am	ve078035.D	B0-BS1	1
20 Mar 2013 2:05 am	ve078036.D	B0-BSD1	1
20 Mar 2013 2:32 am	ve078037.D	CLEAN UP	1
20 Mar 2013 2:58 am	ve078038.D	B0-BLK1	1
20 Mar 2013 3:26 am	ve078039.D	13C0452-05 @ (TB)	1
20 Mar 2013 3:57 am	ve078040.D	13C0466-10 @ (TB)	1
20 Mar 2013 4:23 am	ve078041.D	13C0477-05 @ (TB)	1
20 Mar 2013 4:50 am	ve078042.D	13C0452-01	1
20 Mar 2013 5:16 am	ve078043.D	13C0452-02	1
20 Mar 2013 5:42 am	ve078044.D	13C0452-03	1
20 Mar 2013 6:09 am	ve078045.D	13C0452-04	1
20 Mar 2013 6:35 am	ve078046.D	13C0466-01	1
20 Mar 2013 7:01 am	ve078047.D	13C0466-03	1
20 Mar 2013 7:28 am	ve078048.D	13C0466-04	1
20 Mar 2013 7:54 am	ve078049.D	13C0466-05	1
20 Mar 2013 8:21 am	ve078050.D	13C0466-06	1
20 Mar 2013 8:47 am	ve078051.D	13C0477-01	1
20 Mar 2013 9:13 am	ve078052.D	13C0477-02	1
20 Mar 2013 9:40 am	ve078053.D	13C0477-03	1
20 Mar 2013 10:06 am	ve078054.D	13C0477-04	1
20 Mar 2013 10:44 am	ve078055.D	B0-BLK1 @ 10X ZHE	10
20 Mar 2013 11:19 am	ve078056.D	13C0369-01 @ 100X ZHE	100
20 Mar 2013 11:45 am	ve078057.D	13C0369-01 @ 10X ZHE	10
20 Mar 2013 12:11 pm	ve078058.D	13C0369-02 @ 500X	500
20 Mar 2013 12:38 pm	ve078059.D	B069389-MS1 @ 10X ZHE MS	10
20 Mar 2013 1:07 pm	ve078060.D	CLEAN UP	1
20 Mar 2013 1:34 pm	ve078061.D	13C0476-01 @ (624)	1

PREPARATION BENCH SHEET

B069146

Con-Test Analytical Laboratory

Printed: 4/2/2013 6:44:14PM

Matrix: Water **Prepared using: VOC - SW-846 5030B** **Surrogate used: 1302014**

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
13C0408-01	8260 Standard	03/15/13 09:05	5	5				5	CDM Smith, Inc. - NY	NYSDEC
13C0408-02	8260 Standard	03/15/13 09:05	5	5				5	CDM Smith, Inc. - NY	NYSDEC
13C0408-03	8260 Standard	03/15/13 09:05	5	5				5	CDM Smith, Inc. - NY	NYSDEC
13C0408-04	8260 Standard	03/15/13 09:05	5	5				5	CDM Smith, Inc. - NY	NYSDEC
13C0408-05	8260 Standard	03/15/13 09:05	5	5				5	CDM Smith, Inc. - NY	NYSDEC
13C0408-06	8260 Standard	03/15/13 09:05	5	5				5	CDM Smith, Inc. - NY	NYSDEC
13C0408-07	8260 Standard	03/15/13 09:05	5	5				5	CDM Smith, Inc. - NY	NYSDEC
13C0408-08	8260 Standard	03/15/13 09:05	5	5				5	CDM Smith, Inc. - NY	NYSDEC
13C0408-09	8260 Standard	03/15/13 09:05	5	5				5	CDM Smith, Inc. - NY	NYSDEC
13C0408-10	8260 Standard	03/15/13 09:05	5	5				5	CDM Smith, Inc. - NY	NYSDEC
13C0408-11	8260 Standard	03/15/13 09:05	5	5				5	CDM Smith, Inc. - NY	NYSDEC
13C0408-12	8260 Standard	03/15/13 09:05	5	5				5	CDM Smith, Inc. - NY	NYSDEC
B069146-BLK1	QC	03/15/13 09:05	5	5				5		
B069146-BS1	QC	03/15/13 09:05	5	5	1302189		2.5	5		
B069146-BSD1	QC	03/15/13 09:05	5	5	1302189		2.5	5		
B069146-MS1	QC	03/15/13 09:05	5	5	1302189	13C0408-09	2.5	5		
B069146-MSD1	QC	03/15/13 09:05	5	5	1302189	13C0408-09	2.5	5		

3/19/13 #5 1st
3/15/13 #5 3rd QC fails

Spiking Witnessed By Date

Preparation Reviewed By Date

Extracts Received By Date