



Data Package



con-test[®]
ANALYTICAL LABORATORY

December 26, 2012

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

Project Location: Buffalo, NY
Client Job Number:
Project Number: 0897-915238
Laboratory Work Order Number: 12L0458

Enclosed are results of analyses for samples received by the laboratory on December 14, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in dark ink, reading "Paula Blakeborough". The signature is written in a cursive, flowing style.

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: 12/26/2012

PURCHASE ORDER NUMBER: 0897-94461

PROJECT NUMBER: 0897-915238

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12L0458

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
B-26 (6-8ft)	12L0458-01	Soil	Field	SM 2540G SW-846 8260C	
B-27 (3-4ft)	12L0458-02	Soil	Field	SM 2540G SW-846 8260C	
B-22 (0-4ft)	12L0458-03	Soil	Field	SM 2540G SW-846 8260C	
B-25 (5-6ft)	12L0458-04	Soil	Field	SM 2540G SW-846 8260C	
Cistern	12L0458-05	Soil	Field	SM 2540G SW-846 8260C	
Cistern	12L0458-06	Ground Water	Field	SW-846 8260C	
CB-2	12L0458-07	Ground Water	Field	SW-846 8260C	
CB-1	12L0458-08	Ground Water	Field	SW-846 8260C	
B-14	12L0458-09	Ground Water	Field	SW-846 8260C	
FB-3	12L0458-10	Field Blank	Field Blank	SW-846 8260C	
TB-4	12L0458-11	Trip Blank Water	Trip Blank	SW-846 8260C	

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:**

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:**Acetone, Carbon Tetrachloride, Trichlorofluoromethane (Freon 11)**

B065019-BS1, B065019-BSD1, B065047-BS1, B065047-BSD1, B064751-BS1, B064751-BSD1, B064804-BS1, B064804-BSD1

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:**Chloromethane, Dichlorodifluoromethane (Freon 12), trans-1,4-Dichloro-2-butene**

12L0458-05[Cistern], 12L0458-06[Cistern], 12L0458-07[CB-2], 12L0458-08[CB-1], 12L0458-09[B-14], B065019-BLK1, B065019-BS1, B065019-BSD1, B065047-BLK1, B065047-BS1, B065047-BSD1, 12L0458-10[FB-3], 12L0458-11[TB-4], B064499-BLK1, B064499-BS1, B064499-BSD1

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**

B064499-BSD1

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:**Acetone, Bromomethane, tert-Butyl Alcohol (TBA)**

12L0458-10[FB-3], 12L0458-11[TB-4], B064499-BLK1, B064499-BS1, B064499-BSD1, 12L0458-05[Cistern], 12L0458-06[Cistern], 12L0458-07[CB-2], 12L0458-08[CB-1], 12L0458-09[B-14], B065019-BLK1, B065019-BS1, B065019-BSD1, B065047-BLK1, B065047-BS1, B065047-BSD1

Elevated reporting limit due to high concentration of target compounds. Requested reporting limit not met.

Analyte & Samples(s) Qualified:

12L0458-05[Cistern], 12L0458-09[B-14]

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:**2,2-Dichloropropane, Bromoform, Chloromethane, Naphthalene, trans-1,3-Dichloropropene, trans-1,4-Dichloro-2-butene**

12L0458-10[FB-3], 12L0458-11[TB-4], B064499-BLK1, B064499-BS1, B064499-BSD1, 12L0458-05[Cistern], 12L0458-06[Cistern], 12L0458-07[CB-2], 12L0458-08[CB-1], 12L0458-09[B-14], B065019-BLK1, B065019-BS1, B065019-BSD1, B065047-BLK1, B065047-BS1, B065047-BSD1, 12L0458-01[B-26 (6-8ft)], 12L0458-02[B-27 (3-4ft)], 12L0458-04[B-25 (5-6ft)], B064751-BLK1, B064751-BS1, B064751-BSD1, B064804-BLK1, B064804-BS1, B064804-BSD1

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

Analyte & Samples(s) Qualified:**1,2-Dibromo-3-chloropropane (DBCP), 1,4-Dioxane, 2-Butanone (MEK), Acetone, tert-Butyl Alcohol (TBA), Tetrahydrofuran**

12L0458-01[B-26 (6-8ft)], 12L0458-02[B-27 (3-4ft)], 12L0458-04[B-25 (5-6ft)], B064751-BLK1, B064751-BS1, B064751-BSD1, B064804-BLK1, B064804-BS1, B064804-BSD1, 12L0458-05[Cistern], 12L0458-06[Cistern], 12L0458-07[CB-2], 12L0458-08[CB-1], 12L0458-09[B-14], 12L0458-10[FB-3], 12L0458-11[TB-4], B064499-BLK1, B064499-BS1, B064499-BSD1, B065019-BLK1, B065019-BS1, B065019-BSD1, B065047-BLK1, B065047-BS1, B065047-BSD1

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

2-Hexanone (MBK), Acetone, Bromochloromethane, Bromomethane, Carbon Tetrachloride, Methylene Chloride, Tetrahydrofuran, Trichlorofluoromethane (Freon 11)

B065019-BS1, B065019-BSD1, B065047-BS1, B065047-BSD1, B064804-BS1, B064804-BSD1, B064751-BS1, B064751-BSD1, B064499-BS1, B064499-BSD1

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

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

Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0458

Date Received: 12/14/2012

Field Sample #: B-26 (6-8ft)

Sampled: 12/13/2012 09:45

Sample ID: 12L0458-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	mg/Kg dry	1	V-16	SW-846 8260C	12/17/12	12/17/12 13:01	MFF
Acrylonitrile	ND	0.0071	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
Benzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
Bromobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
Bromochloromethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
Bromodichloromethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
Bromoform	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
Bromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
2-Butanone (MEK)	ND	0.047	mg/Kg dry	1	V-16	SW-846 8260C	12/17/12	12/17/12 13:01	MFF
tert-Butyl Alcohol (TBA)	ND	0.047	mg/Kg dry	1	V-16	SW-846 8260C	12/17/12	12/17/12 13:01	MFF
n-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
sec-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
tert-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
Carbon Disulfide	ND	0.0071	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
Carbon Tetrachloride	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
Chlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
Chlorodibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
Chloroethane	ND	0.024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
Chloroform	ND	0.0047	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
Chloromethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
2-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
4-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	mg/Kg dry	1	V-16	SW-846 8260C	12/17/12	12/17/12 13:01	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
Dibromomethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
1,2-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
1,3-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
1,4-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
trans-1,4-Dichloro-2-butene	ND	0.0047	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
1,1-Dichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
1,2-Dichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
1,1-Dichloroethylene	ND	0.0047	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
cis-1,2-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
trans-1,2-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
1,2-Dichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
2,2-Dichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
1,1-Dichloropropene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
trans-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
Diethyl Ether	ND	0.024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF

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Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0458

Date Received: 12/14/2012

Field Sample #: B-26 (6-8ft)

Sampled: 12/13/2012 09:45

Sample ID: 12L0458-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
1,4-Dioxane	ND	0.12	mg/Kg dry	1	V-16	SW-846 8260C	12/17/12	12/17/12 13:01	MFF
Ethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
Hexachlorobutadiene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
2-Hexanone (MBK)	ND	0.024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
Isopropylbenzene (Cumene)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0047	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
Methylene Chloride	ND	0.024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
Naphthalene	ND	0.0047	mg/Kg dry	1	V-05	SW-846 8260C	12/17/12	12/17/12 13:01	MFF
n-Propylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
Styrene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
Tetrachloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
Tetrahydrofuran	ND	0.012	mg/Kg dry	1	V-16	SW-846 8260C	12/17/12	12/17/12 13:01	MFF
Toluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
1,2,3-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
1,2,4-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
1,3,5-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
1,1,1-Trichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
1,1,2-Trichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
Trichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
1,2,3-Trichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
1,2,4-Trimethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
1,3,5-Trimethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
m+p Xylene	ND	0.0047	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF
o-Xylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	103	70-130	
Toluene-d8	99.8	70-130	
4-Bromofluorobenzene	94.9	70-130	

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

Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0458

Date Received: 12/14/2012

Field Sample #: B-26 (6-8ft)

Sampled: 12/13/2012 09:45

Sample ID: 12L0458-01

Sample Matrix: Soil

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	mg/Kg dry			1		SW-846 8260C	12/17/12	12/17/12 13:01	MFF

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

Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0458

Date Received: 12/14/2012

Field Sample #: B-26 (6-8ft)

Sampled: 12/13/2012 09:45

Sample ID: 12L0458-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.9		% Wt	1		SM 2540G	12/14/12	12/15/12 15:27	RH

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

Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0458

Date Received: 12/14/2012

Field Sample #: B-27 (3-4ft)

Sampled: 12/13/2012 12:40

Sample ID: 12L0458-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.27	0.20	mg/Kg dry	1	V-16	SW-846 8260C	12/17/12	12/17/12 13:28	MFF
Acrylonitrile	ND	0.012	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
Benzene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
Bromobenzene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
Bromochloromethane	ND	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
Bromodichloromethane	ND	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
Bromoform	ND	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
Bromomethane	ND	0.020	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
2-Butanone (MEK)	ND	0.078	mg/Kg dry	1	V-16	SW-846 8260C	12/17/12	12/17/12 13:28	MFF
tert-Butyl Alcohol (TBA)	ND	0.078	mg/Kg dry	1	V-16	SW-846 8260C	12/17/12	12/17/12 13:28	MFF
n-Butylbenzene	0.036	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
sec-Butylbenzene	0.031	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
tert-Butylbenzene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
Carbon Disulfide	ND	0.012	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
Carbon Tetrachloride	ND	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
Chlorobenzene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
Chlorodibromomethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
Chloroethane	ND	0.039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
Chloroform	ND	0.0078	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
Chloromethane	ND	0.020	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
2-Chlorotoluene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
4-Chlorotoluene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0039	mg/Kg dry	1	V-16	SW-846 8260C	12/17/12	12/17/12 13:28	MFF
1,2-Dibromoethane (EDB)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
Dibromomethane	ND	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
1,2-Dichlorobenzene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
1,3-Dichlorobenzene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
1,4-Dichlorobenzene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
trans-1,4-Dichloro-2-butene	ND	0.0078	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
1,1-Dichloroethane	ND	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
1,2-Dichloroethane	ND	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
1,1-Dichloroethylene	ND	0.0078	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
cis-1,2-Dichloroethylene	64	5.3	mg/Kg dry	20		SW-846 8260C	12/20/12	12/21/12 14:06	EEH
trans-1,2-Dichloroethylene	0.058	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
1,2-Dichloropropane	ND	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
1,3-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
2,2-Dichloropropane	ND	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
1,1-Dichloropropene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
cis-1,3-Dichloropropene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
trans-1,3-Dichloropropene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
Diethyl Ether	ND	0.039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF

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Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0458

Date Received: 12/14/2012

Field Sample #: B-27 (3-4ft)

Sampled: 12/13/2012 12:40

Sample ID: 12L0458-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
1,4-Dioxane	ND	0.20	mg/Kg dry	1	V-16	SW-846 8260C	12/17/12	12/17/12 13:28	MFF
Ethylbenzene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
Hexachlorobutadiene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
2-Hexanone (MBK)	ND	0.039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
Isopropylbenzene (Cumene)	0.0054	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
p-Isopropyltoluene (p-Cymene)	0.035	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0078	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
Methylene Chloride	ND	0.039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
Naphthalene	ND	0.0078	mg/Kg dry	1	V-05	SW-846 8260C	12/17/12	12/17/12 13:28	MFF
n-Propylbenzene	0.0081	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
Styrene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
1,1,1,2-Tetrachloroethane	ND	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
1,1,2,2-Tetrachloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
Tetrachloroethylene	0.021	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
Tetrahydrofuran	ND	0.020	mg/Kg dry	1	V-16	SW-846 8260C	12/17/12	12/17/12 13:28	MFF
Toluene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
1,2,3-Trichlorobenzene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
1,2,4-Trichlorobenzene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
1,3,5-Trichlorobenzene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
1,1,1-Trichloroethane	ND	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
1,1,2-Trichloroethane	ND	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
Trichloroethylene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
Trichlorofluoromethane (Freon 11)	ND	0.020	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
1,2,3-Trichloropropane	ND	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.020	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
1,2,4-Trimethylbenzene	0.14	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
1,3,5-Trimethylbenzene	0.057	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
Vinyl Chloride	0.096	0.020	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
m+p Xylene	ND	0.0078	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF
o-Xylene	0.0051	0.0039	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	103	70-130	
1,2-Dichloroethane-d4	101	70-130	
Toluene-d8	97.2	70-130	
Toluene-d8	99.3	70-130	
4-Bromofluorobenzene	98.7	70-130	
4-Bromofluorobenzene	95.1	70-130	

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Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0458

Date Received: 12/14/2012

Field Sample #: B-27 (3-4ft)

Sampled: 12/13/2012 12:40

Sample ID: 12L0458-02

Sample Matrix: Soil

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	mg/Kg dry			1		SW-846 8260C	12/17/12	12/17/12 13:28	MFF

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Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0458

Date Received: 12/14/2012

Field Sample #: B-27 (3-4ft)

Sampled: 12/13/2012 12:40

Sample ID: 12L0458-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	51.8		% Wt	1		SM 2540G	12/14/12	12/15/12 15:27	RH

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Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0458

Date Received: 12/14/2012

Field Sample #: B-22 (0-4ft)

Sampled: 12/13/2012 12:03

Sample ID: 12L0458-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.13	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
Acrylonitrile	ND	0.0077	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
Benzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
Bromobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
Bromochloromethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
Bromodichloromethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
Bromoform	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
Bromomethane	ND	0.013	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
2-Butanone (MEK)	ND	0.051	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
tert-Butyl Alcohol (TBA)	ND	0.051	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
n-Butylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
sec-Butylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
tert-Butylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
Carbon Disulfide	ND	0.0077	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
Carbon Tetrachloride	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
Chlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
Chlorodibromomethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
Chloroethane	ND	0.026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
Chloroform	ND	0.0051	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
Chloromethane	ND	0.013	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
2-Chlorotoluene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
4-Chlorotoluene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
1,2-Dibromoethane (EDB)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
Dibromomethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
1,2-Dichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
1,3-Dichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
1,4-Dichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
trans-1,4-Dichloro-2-butene	ND	0.0051	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
1,1-Dichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
1,2-Dichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
1,1-Dichloroethylene	ND	0.0051	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
cis-1,2-Dichloroethylene	0.0095	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
trans-1,2-Dichloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
1,2-Dichloropropane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
1,3-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
2,2-Dichloropropane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
1,1-Dichloropropene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
cis-1,3-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
trans-1,3-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
Diethyl Ether	ND	0.026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF

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Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0458

Date Received: 12/14/2012

Field Sample #: B-22 (0-4ft)

Sampled: 12/13/2012 12:03

Sample ID: 12L0458-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
1,4-Dioxane	ND	0.13	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
Ethylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
Hexachlorobutadiene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
2-Hexanone (MBK)	ND	0.026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
Isopropylbenzene (Cumene)	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0051	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
Methylene Chloride	ND	0.026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
Naphthalene	ND	0.0051	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
n-Propylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
Styrene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
1,1,1,2-Tetrachloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
1,1,2,2-Tetrachloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
Tetrachloroethylene	0.0099	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
Tetrahydrofuran	ND	0.013	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
Toluene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
1,2,3-Trichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
1,2,4-Trichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
1,3,5-Trichlorobenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
1,1,1-Trichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
1,1,2-Trichloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
Trichloroethylene	0.0043	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
Trichlorofluoromethane (Freon 11)	ND	0.013	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
1,2,3-Trichloropropane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.013	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
1,2,4-Trimethylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
1,3,5-Trimethylbenzene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
Vinyl Chloride	0.016	0.013	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
m+p Xylene	ND	0.0051	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
o-Xylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF
Surrogates	% Recovery	Recovery Limits	Flag						
1,2-Dichloroethane-d4	106	70-130							
Toluene-d8	96.0	70-130							
4-Bromofluorobenzene	84.1	70-130							

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Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0458

Date Received: 12/14/2012

Field Sample #: B-22 (0-4ft)

Sampled: 12/13/2012 12:03

Sample ID: 12L0458-03

Sample Matrix: Soil

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	mg/Kg dry			1		SW-846 8260C	12/17/12	12/18/12 8:30	MFF

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Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0458

Date Received: 12/14/2012

Field Sample #: B-22 (0-4ft)

Sampled: 12/13/2012 12:03

Sample ID: 12L0458-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	75.2		% Wt	1		SM 2540G	12/14/12	12/15/12 15:27	RH

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

Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0458

Date Received: 12/14/2012

Field Sample #: B-25 (5-6ft)

Sampled: 12/13/2012 13:00

Sample ID: 12L0458-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	mg/Kg dry	1	V-16	SW-846 8260C	12/17/12	12/17/12 14:22	MFF
Acrylonitrile	ND	0.0065	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
Benzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
Bromobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
Bromochloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
Bromodichloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
Bromoform	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
Bromomethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
2-Butanone (MEK)	ND	0.043	mg/Kg dry	1	V-16	SW-846 8260C	12/17/12	12/17/12 14:22	MFF
tert-Butyl Alcohol (TBA)	ND	0.043	mg/Kg dry	1	V-16	SW-846 8260C	12/17/12	12/17/12 14:22	MFF
n-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
sec-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
tert-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
Carbon Disulfide	ND	0.0065	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
Carbon Tetrachloride	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
Chlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
Chlorodibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
Chloroethane	ND	0.022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
Chloroform	ND	0.0043	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
2-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
4-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0022	mg/Kg dry	1	V-16	SW-846 8260C	12/17/12	12/17/12 14:22	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
Dibromomethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
1,2-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
1,3-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
1,4-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
trans-1,4-Dichloro-2-butene	ND	0.0043	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
1,1-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
1,2-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
1,1-Dichloroethylene	ND	0.0043	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
cis-1,2-Dichloroethylene	0.028	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
trans-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
1,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
2,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
1,1-Dichloropropene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
trans-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
Diethyl Ether	ND	0.022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF

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Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0458

Date Received: 12/14/2012

Field Sample #: B-25 (5-6ft)

Sampled: 12/13/2012 13:00

Sample ID: 12L0458-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
1,4-Dioxane	ND	0.11	mg/Kg dry	1	V-16	SW-846 8260C	12/17/12	12/17/12 14:22	MFF
Ethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
Hexachlorobutadiene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
2-Hexanone (MBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
Isopropylbenzene (Cumene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0043	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
Methylene Chloride	ND	0.022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
Naphthalene	ND	0.0043	mg/Kg dry	1	V-05	SW-846 8260C	12/17/12	12/17/12 14:22	MFF
n-Propylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
Styrene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
1,1,1,2-Tetrachloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
Tetrachloroethylene	0.0085	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
Tetrahydrofuran	ND	0.011	mg/Kg dry	1	V-16	SW-846 8260C	12/17/12	12/17/12 14:22	MFF
Toluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
1,2,3-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
1,2,4-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
1,3,5-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
1,1,1-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
1,1,2-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
Trichloroethylene	0.0035	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
1,2,3-Trichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
1,2,4-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
1,3,5-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
m+p Xylene	ND	0.0043	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF
o-Xylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	102	70-130	
Toluene-d8	98.1	70-130	
4-Bromofluorobenzene	94.7	70-130	

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Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0458

Date Received: 12/14/2012

Field Sample #: B-25 (5-6ft)

Sampled: 12/13/2012 13:00

Sample ID: 12L0458-04

Sample Matrix: Soil

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	mg/Kg dry			1		SW-846 8260C	12/17/12	12/17/12 14:22	MFF

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Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0458

Date Received: 12/14/2012

Field Sample #: B-25 (5-6ft)

Sampled: 12/13/2012 13:00

Sample ID: 12L0458-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.8		% Wt	1		SM 2540G	12/14/12	12/15/12 15:27	RH

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Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0458

Date Received: 12/14/2012

Field Sample #: Cistern

Sampled: 12/13/2012 10:30

Sample ID: 12L0458-05

Sample Matrix: Soil

Sample Flags: RL-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	150	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
Acrylonitrile	ND	15	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
tert-Amyl Methyl Ether (TAME)	ND	1.5	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
Benzene	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
Bromobenzene	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
Bromochloromethane	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
Bromodichloromethane	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
Bromoform	ND	3.1	mg/Kg dry	2	V-05	SW-846 8260C	12/20/12	12/21/12 13:40	EEH
Bromomethane	ND	6.2	mg/Kg dry	2	R-05	SW-846 8260C	12/20/12	12/21/12 13:40	EEH
2-Butanone (MEK)	ND	62	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
tert-Butyl Alcohol (TBA)	ND	62	mg/Kg dry	2	V-16	SW-846 8260C	12/20/12	12/21/12 13:40	EEH
n-Butylbenzene	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
sec-Butylbenzene	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
tert-Butylbenzene	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	1.5	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
Carbon Disulfide	ND	12	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
Carbon Tetrachloride	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
Chlorobenzene	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
Chlorodibromomethane	ND	1.5	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
Chloroethane	ND	6.2	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
Chloroform	ND	6.2	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
Chloromethane	ND	6.2	mg/Kg dry	2	L-04, V-05	SW-846 8260C	12/20/12	12/21/12 13:40	EEH
2-Chlorotoluene	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
4-Chlorotoluene	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	15	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
1,2-Dibromoethane (EDB)	ND	1.5	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
Dibromomethane	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
1,2-Dichlorobenzene	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
1,3-Dichlorobenzene	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
1,4-Dichlorobenzene	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
trans-1,4-Dichloro-2-butene	ND	6.2	mg/Kg dry	2	L-04, V-05	SW-846 8260C	12/20/12	12/21/12 13:40	EEH
Dichlorodifluoromethane (Freon 12)	ND	6.2	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
1,1-Dichloroethane	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
1,2-Dichloroethane	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
1,1-Dichloroethylene	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
cis-1,2-Dichloroethylene	170	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
trans-1,2-Dichloroethylene	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
1,2-Dichloropropane	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
1,3-Dichloropropane	ND	1.5	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
2,2-Dichloropropane	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
1,1-Dichloropropene	ND	6.2	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
cis-1,3-Dichloropropene	ND	1.5	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
trans-1,3-Dichloropropene	ND	1.5	mg/Kg dry	2	V-05	SW-846 8260C	12/20/12	12/21/12 13:40	EEH
Diethyl Ether	ND	6.2	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH

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Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0458

Date Received: 12/14/2012

Field Sample #: Cistern

Sampled: 12/13/2012 10:30

Sample ID: 12L0458-05

Sample Matrix: Soil

Sample Flags: RL-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	1.5	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
1,4-Dioxane	ND	310	mg/Kg dry	2	V-16	SW-846 8260C	12/20/12	12/21/12 13:40	EEH
Ethylbenzene	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
Hexachlorobutadiene	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
2-Hexanone (MBK)	ND	31	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
Isopropylbenzene (Cumene)	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
p-Isopropyltoluene (p-Cymene)	210	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
Methyl tert-Butyl Ether (MTBE)	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
Methylene Chloride	ND	15	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
4-Methyl-2-pentanone (MIBK)	ND	31	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
Naphthalene	ND	6.2	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
n-Propylbenzene	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
Styrene	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
1,1,1,2-Tetrachloroethane	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
1,1,2,2-Tetrachloroethane	ND	1.5	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
Tetrachloroethylene	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
Tetrahydrofuran	ND	31	mg/Kg dry	2	V-16	SW-846 8260C	12/20/12	12/21/12 13:40	EEH
Toluene	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
1,2,3-Trichlorobenzene	ND	15	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
1,2,4-Trichlorobenzene	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
1,3,5-Trichlorobenzene	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
1,1,1-Trichloroethane	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
1,1,2-Trichloroethane	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
Trichloroethylene	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
Trichlorofluoromethane (Freon 11)	ND	6.2	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
1,2,3-Trichloropropane	ND	6.2	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
1,2,4-Trimethylbenzene	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
1,3,5-Trimethylbenzene	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
Vinyl Chloride	ND	6.2	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
m+p Xylene	ND	6.2	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH
o-Xylene	ND	3.1	mg/Kg dry	2		SW-846 8260C	12/20/12	12/21/12 13:40	EEH

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	99.4	70-130	12/21/12 13:40
Toluene-d8	100	70-130	12/21/12 13:40
4-Bromofluorobenzene	97.8	70-130	12/21/12 13:40

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

Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0458

Date Received: 12/14/2012

Sampled: 12/13/2012 10:30

Field Sample #: Cistern

Sample ID: 12L0458-05

Sample Matrix: Soil

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	mg/Kg dry			100		SW-846 8260C	12/20/12	12/21/12 13:40	EEH

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

Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0458

Date Received: 12/14/2012

Sampled: 12/13/2012 10:30

Field Sample #: Cistern

Sample ID: 12L0458-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	13.0		% Wt	1		SM 2540G	12/14/12	12/15/12 15:27	RH

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

Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0458

Date Received: 12/14/2012

Field Sample #: Cistern

Sampled: 12/13/2012 10:30

Sample ID: 12L0458-06

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		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
Bromoform	ND	1.0	µg/L	1	V-05	SW-846 8260C	12/20/12	12/21/12 8:27	EEH
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	12/20/12	12/21/12 8:27	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/20/12	12/21/12 8:27	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
Chloroethane	2.9	2.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
Chloromethane	ND	2.0	µg/L	1	L-04, V-05	SW-846 8260C	12/20/12	12/21/12 8:27	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	L-04, V-05	SW-846 8260C	12/20/12	12/21/12 8:27	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
1,1-Dichloroethane	2.9	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
cis-1,2-Dichloroethylene	620	200	µg/L	200		SW-846 8260C	12/19/12	12/20/12 2:17	EEH
trans-1,2-Dichloroethylene	2.9	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1	V-05	SW-846 8260C	12/20/12	12/21/12 8:27	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH

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

Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0458

Date Received: 12/14/2012

Field Sample #: Cistern

Sampled: 12/13/2012 10:30

Sample ID: 12L0458-06

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	12/20/12	12/21/12 8:27	EEH
1,4-Dioxane	ND	100	µg/L	1	V-16	SW-846 8260C	12/20/12	12/21/12 8:27	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
Tetrachloroethylene	13	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
Tetrahydrofuran	ND	10	µg/L	1	V-16	SW-846 8260C	12/20/12	12/21/12 8:27	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
1,1,1-Trichloroethane	4.7	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
Trichloroethylene	2.4	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	114	70-130	12/20/12 2:17
1,2-Dichloroethane-d4	99.1	70-130	12/21/12 8:27
Toluene-d8	98.7	70-130	12/21/12 8:27
Toluene-d8	104	70-130	12/20/12 2:17
4-Bromofluorobenzene	96.4	70-130	12/20/12 2:17
4-Bromofluorobenzene	97.8	70-130	12/21/12 8:27

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

Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0458

Date Received: 12/14/2012

Field Sample #: Cistern

Sampled: 12/13/2012 10:30

Sample ID: 12L0458-06

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1		SW-846 8260C	12/20/12	12/21/12 8:27	EEH

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

Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0458

Date Received: 12/14/2012

Field Sample #: CB-2

Sampled: 12/13/2012 11:25

Sample ID: 12L0458-07

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		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
Bromoform	ND	1.0	µg/L	1	V-05	SW-846 8260C	12/20/12	12/21/12 8:53	EEH
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	12/20/12	12/21/12 8:53	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/20/12	12/21/12 8:53	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
Chloromethane	ND	2.0	µg/L	1	L-04, V-05	SW-846 8260C	12/20/12	12/21/12 8:53	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	L-04, V-05	SW-846 8260C	12/20/12	12/21/12 8:53	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1	V-05	SW-846 8260C	12/20/12	12/21/12 8:53	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH

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

Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0458

Date Received: 12/14/2012

Field Sample #: CB-2

Sampled: 12/13/2012 11:25

Sample ID: 12L0458-07

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	12/20/12	12/21/12 8:53	EEH
1,4-Dioxane	ND	100	µg/L	1	V-16	SW-846 8260C	12/20/12	12/21/12 8:53	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
Tetrahydrofuran	ND	10	µg/L	1	V-16	SW-846 8260C	12/20/12	12/21/12 8:53	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	97.2	70-130	
Toluene-d8	100	70-130	
4-Bromofluorobenzene	97.8	70-130	

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

Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0458

Date Received: 12/14/2012

Sampled: 12/13/2012 11:25

Field Sample #: CB-2

Sample ID: 12L0458-07

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1		SW-846 8260C	12/20/12	12/21/12 8:53	EEH

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

Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0458

Date Received: 12/14/2012

Field Sample #: CB-1

Sampled: 12/13/2012 11:05

Sample ID: 12L0458-08

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		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
Bromoform	ND	1.0	µg/L	1	V-05	SW-846 8260C	12/20/12	12/21/12 9:19	EEH
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	12/20/12	12/21/12 9:19	EEH
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/20/12	12/21/12 9:19	EEH
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
Carbon Disulfide	ND	4.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
Chloromethane	ND	2.0	µg/L	1	L-04, V-05	SW-846 8260C	12/20/12	12/21/12 9:19	EEH
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1	L-04, V-05	SW-846 8260C	12/20/12	12/21/12 9:19	EEH
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
cis-1,2-Dichloroethylene	11	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
trans-1,3-Dichloropropene	ND	0.50	µg/L	1	V-05	SW-846 8260C	12/20/12	12/21/12 9:19	EEH
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH

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

Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0458

Date Received: 12/14/2012

Field Sample #: CB-1

Sampled: 12/13/2012 11:05

Sample ID: 12L0458-08

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	12/20/12	12/21/12 9:19	EEH
1,4-Dioxane	ND	100	µg/L	1	V-16	SW-846 8260C	12/20/12	12/21/12 9:19	EEH
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
Tetrachloroethylene	1.4	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
Tetrahydrofuran	ND	10	µg/L	1	V-16	SW-846 8260C	12/20/12	12/21/12 9:19	EEH
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
1,2,4-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH
Surrogates	% Recovery	Recovery Limits	Flag						
1,2-Dichloroethane-d4	101	70-130							
Toluene-d8	100	70-130							
4-Bromofluorobenzene	98.4	70-130							

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

Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0458

Date Received: 12/14/2012

Sampled: 12/13/2012 11:05

Field Sample #: CB-1

Sample ID: 12L0458-08

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1		SW-846 8260C	12/20/12	12/21/12 9:19	EEH

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

Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0458

Date Received: 12/14/2012

Field Sample #: B-14

Sampled: 12/13/2012 08:40

Sample ID: 12L0458-09

Sample Matrix: Ground Water

Sample Flags: RL-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	100	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
Acrylonitrile	ND	10	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
tert-Amyl Methyl Ether (TAME)	ND	1.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
Benzene	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
Bromobenzene	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
Bromochloromethane	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
Bromodichloromethane	ND	1.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
Bromoform	ND	2.0	µg/L	2	V-05	SW-846 8260C	12/20/12	12/21/12 9:45	EEH
Bromomethane	ND	4.0	µg/L	2	R-05	SW-846 8260C	12/20/12	12/21/12 9:45	EEH
2-Butanone (MEK)	ND	40	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
tert-Butyl Alcohol (TBA)	ND	40	µg/L	2	V-16	SW-846 8260C	12/20/12	12/21/12 9:45	EEH
n-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
sec-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
tert-Butylbenzene	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
tert-Butyl Ethyl Ether (TBEE)	ND	1.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
Carbon Disulfide	ND	8.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
Carbon Tetrachloride	ND	10	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
Chlorobenzene	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
Chlorodibromomethane	ND	1.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
Chloroethane	ND	4.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
Chloroform	ND	4.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
Chloromethane	ND	4.0	µg/L	2	L-04, V-05	SW-846 8260C	12/20/12	12/21/12 9:45	EEH
2-Chlorotoluene	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
4-Chlorotoluene	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
1,2-Dibromoethane (EDB)	ND	1.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
Dibromomethane	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
1,2-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
1,3-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
1,4-Dichlorobenzene	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
trans-1,4-Dichloro-2-butene	ND	4.0	µg/L	2	L-04, V-05	SW-846 8260C	12/20/12	12/21/12 9:45	EEH
Dichlorodifluoromethane (Freon 12)	ND	4.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
1,1-Dichloroethane	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
1,2-Dichloroethane	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
1,1-Dichloroethylene	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
cis-1,2-Dichloroethylene	360	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
trans-1,2-Dichloroethylene	2.1	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
1,2-Dichloropropane	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
1,3-Dichloropropane	ND	1.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
2,2-Dichloropropane	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
1,1-Dichloropropene	ND	4.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
cis-1,3-Dichloropropene	ND	1.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
trans-1,3-Dichloropropene	ND	1.0	µg/L	2	V-05	SW-846 8260C	12/20/12	12/21/12 9:45	EEH
Diethyl Ether	ND	4.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH

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

Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0458

Date Received: 12/14/2012

Field Sample #: B-14

Sampled: 12/13/2012 08:40

Sample ID: 12L0458-09

Sample Matrix: Ground Water

Sample Flags: RL-01

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	1.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
1,4-Dioxane	ND	200	µg/L	2	V-16	SW-846 8260C	12/20/12	12/21/12 9:45	EEH
Ethylbenzene	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
Hexachlorobutadiene	ND	1.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
2-Hexanone (MBK)	ND	20	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
Isopropylbenzene (Cumene)	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
p-Isopropyltoluene (p-Cymene)	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
Methyl tert-Butyl Ether (MTBE)	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
Methylene Chloride	ND	10	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
4-Methyl-2-pentanone (MIBK)	ND	20	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
Naphthalene	ND	4.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
n-Propylbenzene	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
Styrene	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
1,1,2,2-Tetrachloroethane	ND	1.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
Tetrachloroethylene	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
Tetrahydrofuran	ND	20	µg/L	2	V-16	SW-846 8260C	12/20/12	12/21/12 9:45	EEH
Toluene	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
1,2,3-Trichlorobenzene	ND	10	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
1,2,4-Trichlorobenzene	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
1,3,5-Trichlorobenzene	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
1,1,1-Trichloroethane	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
1,1,2-Trichloroethane	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
Trichloroethylene	2.2	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
Trichlorofluoromethane (Freon 11)	ND	4.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
1,2,3-Trichloropropane	ND	4.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
1,2,4-Trimethylbenzene	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
1,3,5-Trimethylbenzene	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
Vinyl Chloride	170	40	µg/L	20		SW-846 8260C	12/23/12	12/23/12 12:14	EEH
m+p Xylene	ND	4.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH
o-Xylene	ND	2.0	µg/L	2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	103	70-130	12/23/12 12:14
1,2-Dichloroethane-d4	97.0	70-130	12/21/12 9:45
Toluene-d8	101	70-130	12/23/12 12:14
Toluene-d8	99.7	70-130	12/21/12 9:45
4-Bromofluorobenzene	98.2	70-130	12/23/12 12:14
4-Bromofluorobenzene	97.0	70-130	12/21/12 9:45

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

Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0458

Date Received: 12/14/2012

Sampled: 12/13/2012 08:40

Field Sample #: B-14

Sample ID: 12L0458-09

Sample Matrix: Ground Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			2		SW-846 8260C	12/20/12	12/21/12 9:45	EEH

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

Project Location: Buffalo, NY

Sample Description: Field Blank

Work Order: 12L0458

Date Received: 12/14/2012

Field Sample #: FB-3

Sampled: 12/13/2012 08:16

Sample ID: 12L0458-10

Sample Matrix: Field Blank

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	R-05	SW-846 8260C	12/19/12	12/19/12 16:05	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	R-05, V-16	SW-846 8260C	12/19/12	12/19/12 16:05	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	L-04	SW-846 8260C	12/19/12	12/19/12 16:05	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260C	12/19/12	12/19/12 16:05	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1	V-05	SW-846 8260C	12/19/12	12/19/12 16:05	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF

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

Project Location: Buffalo, NY

Sample Description: Field Blank

Work Order: 12L0458

Date Received: 12/14/2012

Sampled: 12/13/2012 08:16

Field Sample #: FB-3

Sample ID: 12L0458-10

Sample Matrix: Field Blank

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	12/19/12	12/19/12 16:05	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	12/19/12	12/19/12 16:05	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	101	70-130	12/19/12 16:05
Toluene-d8	97.9	70-130	12/19/12 16:05
4-Bromofluorobenzene	96.6	70-130	12/19/12 16:05

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

Project Location: Buffalo, NY

Sample Description: Field Blank

Work Order: 12L0458

Date Received: 12/14/2012

Sampled: 12/13/2012 08:16

Field Sample #: FB-3

Sample ID: 12L0458-10

Sample Matrix: Field Blank

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1		SW-846 8260C	12/19/12	12/19/12 16:05	MFF

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

Project Location: Buffalo, NY

Sample Description: Trip Blank

Work Order: 12L0458

Date Received: 12/14/2012

Field Sample #: TB-4

Sampled: 12/13/2012 08:14

Sample ID: 12L0458-11

Sample Matrix: Trip Blank 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	R-05	SW-846 8260C	12/19/12	12/19/12 16:35	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
Bromodichloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
Bromomethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	R-05, V-16	SW-846 8260C	12/19/12	12/19/12 16:35	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1	L-04	SW-846 8260C	12/19/12	12/19/12 16:35	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1	V-05	SW-846 8260C	12/19/12	12/19/12 16:35	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1	V-05	SW-846 8260C	12/19/12	12/19/12 16:35	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF

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

Project Location: Buffalo, NY

Sample Description: Trip Blank

Work Order: 12L0458

Date Received: 12/14/2012

Field Sample #: TB-4

Sampled: 12/13/2012 08:14

Sample ID: 12L0458-11

Sample Matrix: Trip Blank 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	12/19/12	12/19/12 16:35	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	12/19/12	12/19/12 16:35	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
Naphthalene	ND	2.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
1,1,1,2-Tetrachloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	100	70-130	12/19/12 16:35
Toluene-d8	98.3	70-130	12/19/12 16:35
4-Bromofluorobenzene	96.5	70-130	12/19/12 16:35

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

Project Location: Buffalo, NY

Sample Description: Trip Blank

Work Order: 12L0458

Date Received: 12/14/2012

Sampled: 12/13/2012 08:14

Field Sample #: TB-4

Sample ID: 12L0458-11

Sample Matrix: Trip Blank Water

Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED)

Analyte	Results	Units	Response	RT	DF	CAS #	Method	Date Prepared	Date/Time Analyzed	Analyst
No TICs Found	0.0	µg/L			1		SW-846 8260C	12/19/12	12/19/12 16:35	MFF

Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
12L0458-01 [B-26 (6-8ft)]	B064631	12/14/12
12L0458-02 [B-27 (3-4ft)]	B064631	12/14/12
12L0458-03 [B-22 (0-4ft)]	B064631	12/14/12
12L0458-04 [B-25 (5-6ft)]	B064631	12/14/12
12L0458-05 [Cistern]	B064631	12/14/12

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12L0458-01 [B-26 (6-8ft)]	B064751	5.05	10.0	12/17/12
12L0458-02 [B-27 (3-4ft)]	B064751	4.93	10.0	12/17/12
12L0458-04 [B-25 (5-6ft)]	B064751	5.56	10.0	12/17/12

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12L0458-03 [B-22 (0-4ft)]	B064804	5.17	10.0	12/17/12

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
12L0458-05 [Cistern]	B065047	4.80	19.2	0.5	50	12/20/12

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
12L0458-02 [B-27 (3-4ft)]	B065048	5.46	15.0	0.05	50	12/20/12

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12L0458-10 [FB-3]	B064499	5	5.00	12/19/12
12L0458-11 [TB-4]	B064499	5	5.00	12/19/12

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12L0458-06 [Cistern]	B065019	5	5.00	12/20/12
12L0458-07 [CB-2]	B065019	5	5.00	12/20/12
12L0458-08 [CB-1]	B065019	5	5.00	12/20/12
12L0458-09 [B-14]	B065019	2.5	5.00	12/20/12

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12L0458-09RE1 [B-14]	B065205	0.25	5.00	12/23/12

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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
12L0458-06RE1 [Cistern]	B065223	0.025	5.00	12/19/12

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

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 B064499 - SW-846 5030B										
Blank (B064499-BLK1)				Prepared & Analyzed: 12/19/12						
Acetone	ND	50	µg/L							R-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	1.0	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							R-05, V-16
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L							
Carbon Disulfide	ND	2.0	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							
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							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							L-04
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							V-05
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							V-05
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							
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 B064499 - SW-846 5030B

Blank (B064499-BLK1)

Prepared & Analyzed: 12/19/12

Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
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	2.0	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	5.0	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	1.0	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	25.0		µg/L	25.0		100	70-130			
Surrogate: Toluene-d8	24.5		µg/L	25.0		98.2	70-130			
Surrogate: 4-Bromofluorobenzene	24.2		µg/L	25.0		96.8	70-130			

LCS (B064499-BS1)

Prepared & Analyzed: 12/19/12

Acetone	104	50	µg/L	100		104	70-160			R-05 †
Acrylonitrile	11.6	5.0	µg/L	10.0		116	70-130			
tert-Amyl Methyl Ether (TAME)	10.7	0.50	µg/L	10.0		107	70-130			
Benzene	10.7	1.0	µg/L	10.0		107	70-130			
Bromobenzene	10.8	1.0	µg/L	10.0		108	70-130			
Bromochloromethane	11.3	1.0	µg/L	10.0		113	70-130			
Bromodichloromethane	9.90	1.0	µg/L	10.0		99.0	70-130			
Bromoform	8.57	1.0	µg/L	10.0		85.7	70-130			
Bromomethane	5.98	2.0	µg/L	10.0		59.8	40-160			†
2-Butanone (MEK)	104	20	µg/L	100		104	40-160			†
tert-Butyl Alcohol (TBA)	112	20	µg/L	100		112	40-160			R-05, V-16 †
n-Butylbenzene	10.1	1.0	µg/L	10.0		101	70-130			
sec-Butylbenzene	10.4	1.0	µg/L	10.0		104	70-130			
tert-Butylbenzene	10.4	1.0	µg/L	10.0		104	70-130			
tert-Butyl Ethyl Ether (TBEE)	11.1	0.50	µg/L	10.0		111	70-130			
Carbon Disulfide	9.21	2.0	µg/L	10.0		92.1	70-130			
Carbon Tetrachloride	9.32	5.0	µg/L	10.0		93.2	70-130			
Chlorobenzene	10.6	1.0	µg/L	10.0		106	70-130			
Chlorodibromomethane	8.18	0.50	µg/L	10.0		81.8	70-130			
Chloroethane	10.8	2.0	µg/L	10.0		108	70-130			
Chloroform	10.5	2.0	µg/L	10.0		105	70-130			
Chloromethane	7.63	2.0	µg/L	10.0		76.3	40-160			†
2-Chlorotoluene	10.4	1.0	µg/L	10.0		104	70-130			

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 B064499 - SW-846 5030B										
LCS (B064499-BS1)				Prepared & Analyzed: 12/19/12						
4-Chlorotoluene	10.8	1.0	µg/L	10.0		108	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	9.76	5.0	µg/L	10.0		97.6	70-130			
1,2-Dibromoethane (EDB)	10.9	0.50	µg/L	10.0		109	70-130			
Dibromomethane	11.2	1.0	µg/L	10.0		112	70-130			
1,2-Dichlorobenzene	10.7	1.0	µg/L	10.0		107	70-130			
1,3-Dichlorobenzene	10.3	1.0	µg/L	10.0		103	70-130			
1,4-Dichlorobenzene	10.8	1.0	µg/L	10.0		108	70-130			
trans-1,4-Dichloro-2-butene	8.81	2.0	µg/L	10.0		88.1	70-130			
Dichlorodifluoromethane (Freon 12)	3.81	2.0	µg/L	10.0		38.1	* 40-160			L-04 †
1,1-Dichloroethane	11.0	1.0	µg/L	10.0		110	70-130			
1,2-Dichloroethane	10.8	1.0	µg/L	10.0		108	70-130			
1,1-Dichloroethylene	11.0	1.0	µg/L	10.0		110	70-130			
cis-1,2-Dichloroethylene	10.1	1.0	µg/L	10.0		101	70-130			
trans-1,2-Dichloroethylene	10.0	1.0	µg/L	10.0		100	70-130			
1,2-Dichloropropane	10.7	1.0	µg/L	10.0		107	70-130			
1,3-Dichloropropane	10.8	0.50	µg/L	10.0		108	70-130			
2,2-Dichloropropane	5.92	1.0	µg/L	10.0		59.2	40-130			V-05 †
1,1-Dichloropropene	10.6	2.0	µg/L	10.0		106	70-130			
cis-1,3-Dichloropropene	7.54	0.50	µg/L	10.0		75.4	70-130			
trans-1,3-Dichloropropene	7.68	0.50	µg/L	10.0		76.8	70-130			V-05
Diethyl Ether	12.1	2.0	µg/L	10.0		121	70-130			
Diisopropyl Ether (DIPE)	12.5	0.50	µg/L	10.0		125	70-130			
1,4-Dioxane	113	50	µg/L	100		113	40-130			V-16 †
Ethylbenzene	10.8	1.0	µg/L	10.0		108	70-130			
Hexachlorobutadiene	10.6	0.50	µg/L	10.0		106	70-130			
2-Hexanone (MBK)	113	10	µg/L	100		113	70-160			†
Isopropylbenzene (Cumene)	10.6	1.0	µg/L	10.0		106	70-130			
p-Isopropyltoluene (p-Cymene)	11.1	1.0	µg/L	10.0		111	70-130			
Methyl tert-Butyl Ether (MTBE)	11.2	1.0	µg/L	10.0		112	70-130			
Methylene Chloride	12.9	5.0	µg/L	10.0		129	70-130			V-20
4-Methyl-2-pentanone (MIBK)	113	10	µg/L	100		113	70-160			†
Naphthalene	10.7	2.0	µg/L	10.0		107	40-130			†
n-Propylbenzene	10.5	1.0	µg/L	10.0		105	70-130			
Styrene	10.2	1.0	µg/L	10.0		102	70-130			
1,1,1,2-Tetrachloroethane	9.37	2.0	µg/L	10.0		93.7	70-130			
1,1,2,2-Tetrachloroethane	10.8	0.50	µg/L	10.0		108	70-130			
Tetrachloroethylene	10.8	1.0	µg/L	10.0		108	70-130			
Tetrahydrofuran	11.8	10	µg/L	10.0		118	70-130			
Toluene	10.7	1.0	µg/L	10.0		107	70-130			
1,2,3-Trichlorobenzene	10.7	5.0	µg/L	10.0		107	70-130			
1,2,4-Trichlorobenzene	10.2	5.0	µg/L	10.0		102	70-130			
1,3,5-Trichlorobenzene	11.0	1.0	µg/L	10.0		110	70-130			
1,1,1-Trichloroethane	10.1	1.0	µg/L	10.0		101	70-130			
1,1,2-Trichloroethane	11.0	1.0	µg/L	10.0		110	70-130			
Trichloroethylene	10.5	1.0	µg/L	10.0		105	70-130			
Trichlorofluoromethane (Freon 11)	9.94	2.0	µg/L	10.0		99.4	70-130			
1,2,3-Trichloropropane	11.4	2.0	µg/L	10.0		114	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4	1.0	µg/L	10.0		114	70-130			
1,2,4-Trimethylbenzene	10.8	1.0	µg/L	10.0		108	70-130			
1,3,5-Trimethylbenzene	10.8	1.0	µg/L	10.0		108	70-130			
Vinyl Chloride	7.87	2.0	µg/L	10.0		78.7	40-160			†

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 B064499 - SW-846 5030B										
LCS (B064499-BS1)										
Prepared & Analyzed: 12/19/12										
m+p Xylene	22.0	2.0	µg/L	20.0		110	70-130			
o-Xylene	10.7	1.0	µg/L	10.0		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	25.0		µg/L	25.0		100	70-130			
Surrogate: Toluene-d8	25.0		µg/L	25.0		99.9	70-130			
Surrogate: 4-Bromofluorobenzene	25.1		µg/L	25.0		101	70-130			
LCS Dup (B064499-BS1)										
Prepared & Analyzed: 12/19/12										
Acetone	78.6	50	µg/L	100		78.6	70-160	27.6 *	25	R-05 †
Acrylonitrile	10.7	5.0	µg/L	10.0		107	70-130	7.71	25	
tert-Amyl Methyl Ether (TAME)	10.3	0.50	µg/L	10.0		103	70-130	3.52	25	
Benzene	10.4	1.0	µg/L	10.0		104	70-130	2.66	25	
Bromobenzene	10.6	1.0	µg/L	10.0		106	70-130	1.68	25	
Bromochloromethane	10.9	1.0	µg/L	10.0		109	70-130	3.07	25	
Bromodichloromethane	9.88	1.0	µg/L	10.0		98.8	70-130	0.202	25	
Bromoform	8.36	1.0	µg/L	10.0		83.6	70-130	2.48	25	
Bromomethane	6.44	2.0	µg/L	10.0		64.4	40-160	7.41	25	†
2-Butanone (MEK)	91.2	20	µg/L	100		91.2	40-160	13.3	25	†
tert-Butyl Alcohol (TBA)	79.4	20	µg/L	100		79.4	40-160	34.1 *	25	R-05, V-16 †
n-Butylbenzene	9.86	1.0	µg/L	10.0		98.6	70-130	2.40	25	
sec-Butylbenzene	10.3	1.0	µg/L	10.0		103	70-130	0.872	25	
tert-Butylbenzene	10.4	1.0	µg/L	10.0		104	70-130	0.192	25	
tert-Butyl Ethyl Ether (TBEE)	10.8	0.50	µg/L	10.0		108	70-130	2.37	25	
Carbon Disulfide	7.44	2.0	µg/L	10.0		74.4	70-130	21.3	25	
Carbon Tetrachloride	9.30	5.0	µg/L	10.0		93.0	70-130	0.215	25	
Chlorobenzene	10.4	1.0	µg/L	10.0		104	70-130	1.33	25	
Chlorodibromomethane	7.95	0.50	µg/L	10.0		79.5	70-130	2.85	25	
Chloroethane	9.25	2.0	µg/L	10.0		92.5	70-130	15.5	25	
Chloroform	10.3	2.0	µg/L	10.0		103	70-130	1.83	25	
Chloromethane	7.25	2.0	µg/L	10.0		72.5	40-160	5.11	25	†
2-Chlorotoluene	10.2	1.0	µg/L	10.0		102	70-130	1.75	25	
4-Chlorotoluene	10.6	1.0	µg/L	10.0		106	70-130	1.31	25	
1,2-Dibromo-3-chloropropane (DBCP)	8.89	5.0	µg/L	10.0		88.9	70-130	9.33	25	
1,2-Dibromoethane (EDB)	10.3	0.50	µg/L	10.0		103	70-130	5.76	25	
Dibromomethane	10.6	1.0	µg/L	10.0		106	70-130	4.96	25	
1,2-Dichlorobenzene	10.4	1.0	µg/L	10.0		104	70-130	3.14	25	
1,3-Dichlorobenzene	10.3	1.0	µg/L	10.0		103	70-130	0.291	25	
1,4-Dichlorobenzene	10.5	1.0	µg/L	10.0		105	70-130	2.81	25	
trans-1,4-Dichloro-2-butene	8.23	2.0	µg/L	10.0		82.3	70-130	6.81	25	
Dichlorodifluoromethane (Freon 12)	3.67	2.0	µg/L	10.0		36.7 *	40-160	3.74	25	L-04 †
1,1-Dichloroethane	10.8	1.0	µg/L	10.0		108	70-130	1.38	25	
1,2-Dichloroethane	10.5	1.0	µg/L	10.0		105	70-130	3.09	25	
1,1-Dichloroethylene	9.45	1.0	µg/L	10.0		94.5	70-130	14.9	25	
cis-1,2-Dichloroethylene	9.92	1.0	µg/L	10.0		99.2	70-130	1.70	25	
trans-1,2-Dichloroethylene	10.5	1.0	µg/L	10.0		105	70-130	4.68	25	
1,2-Dichloropropane	10.4	1.0	µg/L	10.0		104	70-130	3.13	25	
1,3-Dichloropropane	10.5	0.50	µg/L	10.0		105	70-130	3.10	25	
2,2-Dichloropropane	5.81	1.0	µg/L	10.0		58.1	40-130	1.88	25	V-05 †
1,1-Dichloropropene	10.3	2.0	µg/L	10.0		103	70-130	3.45	25	
cis-1,3-Dichloropropene	7.43	0.50	µg/L	10.0		74.3	70-130	1.47	25	
trans-1,3-Dichloropropene	7.64	0.50	µg/L	10.0		76.4	70-130	0.522	25	V-05
Diethyl Ether	9.76	2.0	µg/L	10.0		97.6	70-130	21.2	25	
Diisopropyl Ether (DIPE)	12.2	0.50	µg/L	10.0		122	70-130	2.02	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 B064499 - SW-846 5030B

LCS Dup (B064499-BSD1)

Prepared & Analyzed: 12/19/12

1,4-Dioxane	97.8	50	µg/L	100		97.8	40-130	14.2	50	V-16 † ‡
Ethylbenzene	10.8	1.0	µg/L	10.0		108	70-130	0.0927	25	
Hexachlorobutadiene	10.2	0.50	µg/L	10.0		102	70-130	4.05	25	
2-Hexanone (MBK)	97.9	10	µg/L	100		97.9	70-160	14.3	25	†
Isopropylbenzene (Cumene)	10.5	1.0	µg/L	10.0		105	70-130	1.61	25	
p-Isopropyltoluene (p-Cymene)	11.1	1.0	µg/L	10.0		111	70-130	0.270	25	
Methyl tert-Butyl Ether (MTBE)	10.8	1.0	µg/L	10.0		108	70-130	3.55	25	
Methylene Chloride	13.7	5.0	µg/L	10.0		137 *	70-130	6.31	25	L-07, V-20
4-Methyl-2-pentanone (MIBK)	101	10	µg/L	100		101	70-160	11.5	25	†
Naphthalene	8.71	2.0	µg/L	10.0		87.1	40-130	20.3	25	†
n-Propylbenzene	10.3	1.0	µg/L	10.0		103	70-130	2.02	25	
Styrene	10.2	1.0	µg/L	10.0		102	70-130	0.196	25	
1,1,1,2-Tetrachloroethane	9.28	2.0	µg/L	10.0		92.8	70-130	0.965	25	
1,1,2,2-Tetrachloroethane	9.89	0.50	µg/L	10.0		98.9	70-130	8.80	25	
Tetrachloroethylene	10.4	1.0	µg/L	10.0		104	70-130	3.11	25	
Tetrahydrofuran	10.4	10	µg/L	10.0		104	70-130	12.3	25	
Toluene	10.5	1.0	µg/L	10.0		105	70-130	2.08	25	
1,2,3-Trichlorobenzene	8.43	5.0	µg/L	10.0		84.3	70-130	23.6	25	
1,2,4-Trichlorobenzene	8.75	5.0	µg/L	10.0		87.5	70-130	15.0	25	
1,3,5-Trichlorobenzene	10.2	1.0	µg/L	10.0		102	70-130	7.28	25	
1,1,1-Trichloroethane	10.1	1.0	µg/L	10.0		101	70-130	0.0987	25	
1,1,2-Trichloroethane	10.5	1.0	µg/L	10.0		105	70-130	4.09	25	
Trichloroethylene	10.2	1.0	µg/L	10.0		102	70-130	2.71	25	
Trichlorofluoromethane (Freon 11)	8.92	2.0	µg/L	10.0		89.2	70-130	10.8	25	
1,2,3-Trichloropropane	10.3	2.0	µg/L	10.0		103	70-130	9.84	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	1.0	µg/L	10.0		100	70-130	12.2	25	
1,2,4-Trimethylbenzene	10.7	1.0	µg/L	10.0		107	70-130	0.928	25	
1,3,5-Trimethylbenzene	10.7	1.0	µg/L	10.0		107	70-130	1.02	25	
Vinyl Chloride	7.05	2.0	µg/L	10.0		70.5	40-160	11.0	25	†
m+p Xylene	21.7	2.0	µg/L	20.0		108	70-130	1.38	25	
o-Xylene	10.6	1.0	µg/L	10.0		106	70-130	0.941	25	
Surrogate: 1,2-Dichloroethane-d4	24.7		µg/L	25.0		98.8	70-130			
Surrogate: Toluene-d8	25.0		µg/L	25.0		99.9	70-130			
Surrogate: 4-Bromofluorobenzene	25.1		µg/L	25.0		100	70-130			

Batch B064751 - SW-846 5035

Blank (B064751-BLK1)

Prepared & Analyzed: 12/17/12

Acetone	ND	0.10	mg/Kg wet							V-16
Acrylonitrile	ND	0.0060	mg/Kg wet							
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							V-16
tert-Butyl Alcohol (TBA)	ND	0.040	mg/Kg wet							V-16
n-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							

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 B064751 - SW-846 5035										
Blank (B064751-BLK1)				Prepared & Analyzed: 12/17/12						
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							V-16
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.020	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							V-05
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							

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 B064751 - SW-846 5035										
Blank (B064751-BLK1)				Prepared & Analyzed: 12/17/12						
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	0.0471		mg/Kg wet	0.0500		94.2	70-130			
Surrogate: Toluene-d8	0.0485		mg/Kg wet	0.0500		97.1	70-130			
Surrogate: 4-Bromofluorobenzene	0.0453		mg/Kg wet	0.0500		90.6	70-130			
LCS (B064751-BS1)				Prepared & Analyzed: 12/17/12						
Acetone	0.160	0.10	mg/Kg wet	0.200		80.0	70-160		V-16	†
Acrylonitrile	0.0193	0.0060	mg/Kg wet	0.0200		96.4	70-130			
tert-Amyl Methyl Ether (TAME)	0.0197	0.0010	mg/Kg wet	0.0200		98.3	70-130			
Benzene	0.0195	0.0020	mg/Kg wet	0.0200		97.5	70-130			
Bromobenzene	0.0185	0.0020	mg/Kg wet	0.0200		92.6	70-130			
Bromochloromethane	0.0229	0.0020	mg/Kg wet	0.0200		114	70-130			
Bromodichloromethane	0.0172	0.0020	mg/Kg wet	0.0200		86.2	70-130			
Bromoform	0.0188	0.0020	mg/Kg wet	0.0200		94.0	70-130			
Bromomethane	0.0138	0.010	mg/Kg wet	0.0200		68.8	40-130			†
2-Butanone (MEK)	0.171	0.040	mg/Kg wet	0.200		85.5	70-160		V-16	†
tert-Butyl Alcohol (TBA)	0.222	0.040	mg/Kg wet	0.200		111	40-130		V-16	†
n-Butylbenzene	0.0201	0.0020	mg/Kg wet	0.0200		101	70-130			
sec-Butylbenzene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130			
tert-Butylbenzene	0.0207	0.0020	mg/Kg wet	0.0200		104	70-160			†
tert-Butyl Ethyl Ether (TBEE)	0.0195	0.0010	mg/Kg wet	0.0200		97.6	70-130			
Carbon Disulfide	0.0179	0.0060	mg/Kg wet	0.0200		89.6	70-130			
Carbon Tetrachloride	0.0277	0.0020	mg/Kg wet	0.0200		138	* 70-130		L-02, V-20	
Chlorobenzene	0.0192	0.0020	mg/Kg wet	0.0200		95.9	70-130			
Chlorodibromomethane	0.0181	0.0010	mg/Kg wet	0.0200		90.3	70-130			
Chloroethane	0.0192	0.020	mg/Kg wet	0.0200		95.8	70-130			
Chloroform	0.0193	0.0040	mg/Kg wet	0.0200		96.5	70-130			
Chloromethane	0.0192	0.010	mg/Kg wet	0.0200		96.0	70-130			
2-Chlorotoluene	0.0183	0.0020	mg/Kg wet	0.0200		91.4	70-130			
4-Chlorotoluene	0.0180	0.0020	mg/Kg wet	0.0200		90.2	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0183	0.0020	mg/Kg wet	0.0200		91.7	70-130		V-16	
1,2-Dibromoethane (EDB)	0.0195	0.0010	mg/Kg wet	0.0200		97.6	70-130			
Dibromomethane	0.0176	0.0020	mg/Kg wet	0.0200		87.9	70-130			
1,2-Dichlorobenzene	0.0193	0.0020	mg/Kg wet	0.0200		96.4	70-130			
1,3-Dichlorobenzene	0.0196	0.0020	mg/Kg wet	0.0200		98.1	70-130			
1,4-Dichlorobenzene	0.0201	0.0020	mg/Kg wet	0.0200		101	70-130			
trans-1,4-Dichloro-2-butene	0.0156	0.0040	mg/Kg wet	0.0200		77.9	70-130			
Dichlorodifluoromethane (Freon 12)	0.0128	0.020	mg/Kg wet	0.0200		64.1	40-160			†
1,1-Dichloroethane	0.0189	0.0020	mg/Kg wet	0.0200		94.3	70-130			
1,2-Dichloroethane	0.0158	0.0020	mg/Kg wet	0.0200		78.9	70-130			
1,1-Dichloroethylene	0.0176	0.0040	mg/Kg wet	0.0200		87.9	70-130			
cis-1,2-Dichloroethylene	0.0197	0.0020	mg/Kg wet	0.0200		98.3	70-130			
trans-1,2-Dichloroethylene	0.0197	0.0020	mg/Kg wet	0.0200		98.4	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 B064751 - SW-846 5035										
LCS (B064751-BS1)				Prepared & Analyzed: 12/17/12						
1,2-Dichloropropane	0.0171	0.0020	mg/Kg wet	0.0200		85.6	70-130			
1,3-Dichloropropane	0.0174	0.0010	mg/Kg wet	0.0200		87.0	70-130			
2,2-Dichloropropane	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130			
1,1-Dichloropropene	0.0190	0.0020	mg/Kg wet	0.0200		95.0	70-130			
cis-1,3-Dichloropropene	0.0165	0.0010	mg/Kg wet	0.0200		82.5	70-130			
trans-1,3-Dichloropropene	0.0169	0.0010	mg/Kg wet	0.0200		84.3	70-130			
Diethyl Ether	0.0192	0.020	mg/Kg wet	0.0200		96.1	70-130			
Diisopropyl Ether (DIPE)	0.0210	0.0010	mg/Kg wet	0.0200		105	70-130			
1,4-Dioxane	0.182	0.10	mg/Kg wet	0.200		91.0	40-160			V-16 †
Ethylbenzene	0.0188	0.0020	mg/Kg wet	0.0200		94.2	70-130			
Hexachlorobutadiene	0.0193	0.0020	mg/Kg wet	0.0200		96.4	70-160			
2-Hexanone (MBK)	0.162	0.020	mg/Kg wet	0.200		80.8	70-160			†
Isopropylbenzene (Cumene)	0.0191	0.0020	mg/Kg wet	0.0200		95.6	70-130			
p-Isopropyltoluene (p-Cymene)	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0199	0.0040	mg/Kg wet	0.0200		99.3	70-130			
Methylene Chloride	0.0161	0.020	mg/Kg wet	0.0200		80.3	40-160			†
4-Methyl-2-pentanone (MIBK)	0.168	0.020	mg/Kg wet	0.200		84.1	70-160			†
Naphthalene	0.0136	0.0040	mg/Kg wet	0.0200		67.9	40-130			V-05 †
n-Propylbenzene	0.0192	0.0020	mg/Kg wet	0.0200		96.0	70-130			
Styrene	0.0180	0.0020	mg/Kg wet	0.0200		89.8	70-130			
1,1,1,2-Tetrachloroethane	0.0195	0.0020	mg/Kg wet	0.0200		97.4	70-130			
1,1,2,2-Tetrachloroethane	0.0191	0.0010	mg/Kg wet	0.0200		95.7	70-130			
Tetrachloroethylene	0.0180	0.0020	mg/Kg wet	0.0200		90.1	70-130			
Tetrahydrofuran	0.0218	0.010	mg/Kg wet	0.0200		109	70-130			V-16, V-20
Toluene	0.0167	0.0020	mg/Kg wet	0.0200		83.4	70-130			
1,2,3-Trichlorobenzene	0.0164	0.0020	mg/Kg wet	0.0200		81.8	70-130			
1,2,4-Trichlorobenzene	0.0166	0.0020	mg/Kg wet	0.0200		83.0	70-130			
1,3,5-Trichlorobenzene	0.0189	0.0020	mg/Kg wet	0.0200		94.6	70-130			
1,1,1-Trichloroethane	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130			
1,1,2-Trichloroethane	0.0178	0.0020	mg/Kg wet	0.0200		88.8	70-130			
Trichloroethylene	0.0176	0.0020	mg/Kg wet	0.0200		87.9	70-130			
Trichlorofluoromethane (Freon 11)	0.0180	0.010	mg/Kg wet	0.0200		90.1	70-130			
1,2,3-Trichloropropane	0.0191	0.0020	mg/Kg wet	0.0200		95.7	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0209	0.010	mg/Kg wet	0.0200		104	70-130			
1,2,4-Trimethylbenzene	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130			
1,3,5-Trimethylbenzene	0.0185	0.0020	mg/Kg wet	0.0200		92.6	70-130			
Vinyl Chloride	0.0165	0.010	mg/Kg wet	0.0200		82.7	40-130			†
m+p Xylene	0.0375	0.0040	mg/Kg wet	0.0400		93.7	70-130			
o-Xylene	0.0181	0.0020	mg/Kg wet	0.0200		90.5	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0466		mg/Kg wet	0.0500		93.2	70-130			
Surrogate: Toluene-d8	0.0489		mg/Kg wet	0.0500		97.7	70-130			
Surrogate: 4-Bromofluorobenzene	0.0483		mg/Kg wet	0.0500		96.6	70-130			

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 B064751 - SW-846 5035										
LCS Dup (B064751-BSD1)				Prepared & Analyzed: 12/17/12						
Acetone	0.162	0.10	mg/Kg wet	0.200		81.0	70-160	1.17	25	V-16 †
Acrylonitrile	0.0207	0.0060	mg/Kg wet	0.0200		104	70-130	7.10	25	
tert-Amyl Methyl Ether (TAME)	0.0202	0.0010	mg/Kg wet	0.0200		101	70-130	2.51	25	
Benzene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130	7.50	25	
Bromobenzene	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130	8.08	25	
Bromochloromethane	0.0243	0.0020	mg/Kg wet	0.0200		122	70-130	6.10	25	
Bromodichloromethane	0.0181	0.0020	mg/Kg wet	0.0200		90.4	70-130	4.76	25	
Bromoform	0.0196	0.0020	mg/Kg wet	0.0200		97.8	70-130	3.96	25	
Bromomethane	0.0163	0.010	mg/Kg wet	0.0200		81.7	40-130	17.1	25	†
2-Butanone (MEK)	0.179	0.040	mg/Kg wet	0.200		89.5	70-160	4.62	25	V-16 †
tert-Butyl Alcohol (TBA)	0.243	0.040	mg/Kg wet	0.200		121	40-130	8.69	25	V-16 †
n-Butylbenzene	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130	6.63	25	
sec-Butylbenzene	0.0225	0.0020	mg/Kg wet	0.0200		113	70-130	5.94	25	
tert-Butylbenzene	0.0216	0.0020	mg/Kg wet	0.0200		108	70-160	4.16	25	†
tert-Butyl Ethyl Ether (TBEE)	0.0207	0.0010	mg/Kg wet	0.0200		103	70-130	5.67	25	
Carbon Disulfide	0.0187	0.0060	mg/Kg wet	0.0200		93.7	70-130	4.47	25	
Carbon Tetrachloride	0.0292	0.0020	mg/Kg wet	0.0200		146 *	70-130	5.28	25	L-02, V-20
Chlorobenzene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130	5.18	25	
Chlorodibromomethane	0.0192	0.0010	mg/Kg wet	0.0200		96.0	70-130	6.12	25	
Chloroethane	0.0200	0.020	mg/Kg wet	0.0200		100	70-130	4.29	25	
Chloroform	0.0205	0.0040	mg/Kg wet	0.0200		102	70-130	5.93	25	
Chloromethane	0.0208	0.010	mg/Kg wet	0.0200		104	70-130	7.81	25	
2-Chlorotoluene	0.0195	0.0020	mg/Kg wet	0.0200		97.3	70-130	6.25	25	
4-Chlorotoluene	0.0194	0.0020	mg/Kg wet	0.0200		96.8	70-130	7.06	25	
1,2-Dibromo-3-chloropropane (DBCP)	0.0200	0.0020	mg/Kg wet	0.0200		99.8	70-130	8.46	25	V-16
1,2-Dibromoethane (EDB)	0.0212	0.0010	mg/Kg wet	0.0200		106	70-130	8.06	25	
Dibromomethane	0.0189	0.0020	mg/Kg wet	0.0200		94.4	70-130	7.13	25	
1,2-Dichlorobenzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	5.74	25	
1,3-Dichlorobenzene	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130	5.26	25	
1,4-Dichlorobenzene	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130	6.63	25	
trans-1,4-Dichloro-2-butene	0.0161	0.0040	mg/Kg wet	0.0200		80.6	70-130	3.41	25	
Dichlorodifluoromethane (Freon 12)	0.0138	0.020	mg/Kg wet	0.0200		69.1	40-160	7.51	25	†
1,1-Dichloroethane	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130	8.24	25	
1,2-Dichloroethane	0.0171	0.0020	mg/Kg wet	0.0200		85.7	70-130	8.26	25	
1,1-Dichloroethylene	0.0188	0.0040	mg/Kg wet	0.0200		93.8	70-130	6.49	25	
cis-1,2-Dichloroethylene	0.0215	0.0020	mg/Kg wet	0.0200		107	70-130	8.75	25	
trans-1,2-Dichloroethylene	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130	9.30	25	
1,2-Dichloropropane	0.0188	0.0020	mg/Kg wet	0.0200		93.9	70-130	9.25	25	
1,3-Dichloropropane	0.0186	0.0010	mg/Kg wet	0.0200		93.0	70-130	6.67	25	
2,2-Dichloropropane	0.0236	0.0020	mg/Kg wet	0.0200		118	70-130	4.32	25	
1,1-Dichloropropene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130	8.08	25	
cis-1,3-Dichloropropene	0.0175	0.0010	mg/Kg wet	0.0200		87.6	70-130	6.00	25	
trans-1,3-Dichloropropene	0.0178	0.0010	mg/Kg wet	0.0200		89.0	70-130	5.42	25	
Diethyl Ether	0.0200	0.020	mg/Kg wet	0.0200		99.9	70-130	3.88	25	
Diisopropyl Ether (DIPE)	0.0225	0.0010	mg/Kg wet	0.0200		112	70-130	6.62	25	
1,4-Dioxane	0.222	0.10	mg/Kg wet	0.200		111	40-160	19.9	50	V-16 † ‡
Ethylbenzene	0.0201	0.0020	mg/Kg wet	0.0200		101	70-130	6.57	25	
Hexachlorobutadiene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-160	7.58	25	
2-Hexanone (MBK)	0.171	0.020	mg/Kg wet	0.200		85.4	70-160	5.56	25	†
Isopropylbenzene (Cumene)	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130	7.26	25	
p-Isopropyltoluene (p-Cymene)	0.0231	0.0020	mg/Kg wet	0.0200		115	70-130	6.45	25	
Methyl tert-Butyl Ether (MTBE)	0.0206	0.0040	mg/Kg wet	0.0200		103	70-130	3.56	25	

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 B064751 - SW-846 5035

LCS Dup (B064751-BSD1)

Prepared & Analyzed: 12/17/12

Methylene Chloride	0.0174	0.020	mg/Kg wet	0.0200		86.9	40-160	7.89	25	†
4-Methyl-2-pentanone (MIBK)	0.180	0.020	mg/Kg wet	0.200		90.0	70-160	6.78	25	†
Naphthalene	0.0151	0.0040	mg/Kg wet	0.0200		75.7	40-130	10.9	25	V-05 †
n-Propylbenzene	0.0205	0.0020	mg/Kg wet	0.0200		103	70-130	6.65	25	
Styrene	0.0193	0.0020	mg/Kg wet	0.0200		96.4	70-130	7.09	25	
1,1,1,2-Tetrachloroethane	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130	5.39	25	
1,1,2,2-Tetrachloroethane	0.0197	0.0010	mg/Kg wet	0.0200		98.6	70-130	2.99	25	
Tetrachloroethylene	0.0198	0.0020	mg/Kg wet	0.0200		98.9	70-130	9.31	25	
Tetrahydrofuran	0.0199	0.010	mg/Kg wet	0.0200		99.7	70-130	8.73	25	V-16, V-20
Toluene	0.0184	0.0020	mg/Kg wet	0.0200		92.2	70-130	10.0	25	
1,2,3-Trichlorobenzene	0.0180	0.0020	mg/Kg wet	0.0200		89.8	70-130	9.32	25	
1,2,4-Trichlorobenzene	0.0185	0.0020	mg/Kg wet	0.0200		92.5	70-130	10.8	25	
1,3,5-Trichlorobenzene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130	10.3	25	
1,1,1-Trichloroethane	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130	5.45	25	
1,1,2-Trichloroethane	0.0193	0.0020	mg/Kg wet	0.0200		96.4	70-130	8.21	25	
Trichloroethylene	0.0193	0.0020	mg/Kg wet	0.0200		96.3	70-130	9.12	25	
Trichlorofluoromethane (Freon 11)	0.0195	0.010	mg/Kg wet	0.0200		97.6	70-130	7.99	25	
1,2,3-Trichloropropane	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	6.37	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0225	0.010	mg/Kg wet	0.0200		113	70-130	7.65	25	
1,2,4-Trimethylbenzene	0.0213	0.0020	mg/Kg wet	0.0200		107	70-130	5.89	25	
1,3,5-Trimethylbenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.6	70-130	7.28	25	
Vinyl Chloride	0.0174	0.010	mg/Kg wet	0.0200		86.9	40-130	4.95	25	†
m+p Xylene	0.0401	0.0040	mg/Kg wet	0.0400		100	70-130	6.80	25	
o-Xylene	0.0193	0.0020	mg/Kg wet	0.0200		96.7	70-130	6.62	25	
Surrogate: 1,2-Dichloroethane-d4	0.0463		mg/Kg wet	0.0500		92.6	70-130			
Surrogate: Toluene-d8	0.0491		mg/Kg wet	0.0500		98.3	70-130			
Surrogate: 4-Bromofluorobenzene	0.0481		mg/Kg wet	0.0500		96.1	70-130			

Batch B064804 - SW-846 5035

Blank (B064804-BLK1)

Prepared & Analyzed: 12/18/12

Acetone	ND	0.10	mg/Kg wet							V-16
Acrylonitrile	ND	0.0060	mg/Kg wet							
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							V-16
tert-Butyl Alcohol (TBA)	ND	0.040	mg/Kg wet							V-16
n-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.0020	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							

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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 B064804 - SW-846 5035										
Blank (B064804-BLK1)				Prepared & Analyzed: 12/18/12						
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							V-16
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.020	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							V-05
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							

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 B064804 - SW-846 5035										
Blank (B064804-BLK1)										
Prepared & Analyzed: 12/18/12										
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	0.0477		mg/Kg wet	0.0500		95.4	70-130			
Surrogate: Toluene-d8	0.0495		mg/Kg wet	0.0500		99.1	70-130			
Surrogate: 4-Bromofluorobenzene	0.0459		mg/Kg wet	0.0500		91.9	70-130			
LCS (B064804-BS1)										
Prepared & Analyzed: 12/18/12										
Acetone	0.163	0.10	mg/Kg wet	0.200		81.6	70-160			V-16 †
Acrylonitrile	0.0219	0.0060	mg/Kg wet	0.0200		109	70-130			
tert-Amyl Methyl Ether (TAME)	0.0203	0.0010	mg/Kg wet	0.0200		102	70-130			
Benzene	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130			
Bromobenzene	0.0195	0.0020	mg/Kg wet	0.0200		97.4	70-130			
Bromochloromethane	0.0247	0.0020	mg/Kg wet	0.0200		124	70-130			V-20
Bromodichloromethane	0.0198	0.0020	mg/Kg wet	0.0200		99.1	70-130			
Bromoform	0.0193	0.0020	mg/Kg wet	0.0200		96.7	70-130			
Bromomethane	0.0146	0.010	mg/Kg wet	0.0200		73.2	40-130			†
2-Butanone (MEK)	0.194	0.040	mg/Kg wet	0.200		97.1	70-160			V-16 †
tert-Butyl Alcohol (TBA)	0.231	0.040	mg/Kg wet	0.200		116	40-130			V-16 †
n-Butylbenzene	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130			
sec-Butylbenzene	0.0223	0.0020	mg/Kg wet	0.0200		112	70-130			
tert-Butylbenzene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-160			†
tert-Butyl Ethyl Ether (TBEE)	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130			
Carbon Disulfide	0.0186	0.0060	mg/Kg wet	0.0200		93.0	70-130			
Carbon Tetrachloride	0.0282	0.0020	mg/Kg wet	0.0200		141 *	70-130			L-02, V-20
Chlorobenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.4	70-130			
Chlorodibromomethane	0.0198	0.0010	mg/Kg wet	0.0200		98.8	70-130			
Chloroethane	0.0188	0.020	mg/Kg wet	0.0200		93.8	70-130			
Chloroform	0.0202	0.0040	mg/Kg wet	0.0200		101	70-130			
Chloromethane	0.0189	0.010	mg/Kg wet	0.0200		94.5	70-130			
2-Chlorotoluene	0.0189	0.0020	mg/Kg wet	0.0200		94.3	70-130			
4-Chlorotoluene	0.0192	0.0020	mg/Kg wet	0.0200		96.1	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0194	0.0020	mg/Kg wet	0.0200		97.1	70-130			V-16
1,2-Dibromoethane (EDB)	0.0221	0.0010	mg/Kg wet	0.0200		111	70-130			
Dibromomethane	0.0194	0.0020	mg/Kg wet	0.0200		97.2	70-130			
1,2-Dichlorobenzene	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130			
1,3-Dichlorobenzene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130			
1,4-Dichlorobenzene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130			
trans-1,4-Dichloro-2-butene	0.0173	0.0040	mg/Kg wet	0.0200		86.4	70-130			
Dichlorodifluoromethane (Freon 12)	0.0118	0.020	mg/Kg wet	0.0200		59.0	40-160			†
1,1-Dichloroethane	0.0200	0.0020	mg/Kg wet	0.0200		99.9	70-130			
1,2-Dichloroethane	0.0181	0.0020	mg/Kg wet	0.0200		90.5	70-130			
1,1-Dichloroethylene	0.0181	0.0040	mg/Kg wet	0.0200		90.6	70-130			
cis-1,2-Dichloroethylene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130			
trans-1,2-Dichloroethylene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130			
1,2-Dichloropropane	0.0189	0.0020	mg/Kg wet	0.0200		94.6	70-130			
1,3-Dichloropropane	0.0196	0.0010	mg/Kg wet	0.0200		97.9	70-130			
2,2-Dichloropropane	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130			
1,1-Dichloropropene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130			
cis-1,3-Dichloropropene	0.0180	0.0010	mg/Kg wet	0.0200		89.9	70-130			
trans-1,3-Dichloropropene	0.0180	0.0010	mg/Kg wet	0.0200		89.9	70-130			

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 B064804 - SW-846 5035

LCS (B064804-BS1)

Prepared & Analyzed: 12/18/12

Diethyl Ether	0.0211	0.020	mg/Kg wet	0.0200		105	70-130			
Diisopropyl Ether (DIPE)	0.0225	0.0010	mg/Kg wet	0.0200		112	70-130			
1,4-Dioxane	0.236	0.10	mg/Kg wet	0.200		118	40-160			V-16 †
Ethylbenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.5	70-130			
Hexachlorobutadiene	0.0211	0.0020	mg/Kg wet	0.0200		105	70-160			
2-Hexanone (MBK)	0.193	0.020	mg/Kg wet	0.200		96.3	70-160			†
Isopropylbenzene (Cumene)	0.0200	0.0020	mg/Kg wet	0.0200		99.8	70-130			
p-Isopropyltoluene (p-Cymene)	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0209	0.0040	mg/Kg wet	0.0200		105	70-130			
Methylene Chloride	0.0175	0.020	mg/Kg wet	0.0200		87.4	40-160			†
4-Methyl-2-pentanone (MIBK)	0.203	0.020	mg/Kg wet	0.200		101	70-160			†
Naphthalene	0.0166	0.0040	mg/Kg wet	0.0200		82.8	40-130			V-05 †
n-Propylbenzene	0.0201	0.0020	mg/Kg wet	0.0200		100	70-130			
Styrene	0.0188	0.0020	mg/Kg wet	0.0200		93.8	70-130			
1,1,1,2-Tetrachloroethane	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130			
1,1,2,2-Tetrachloroethane	0.0208	0.0010	mg/Kg wet	0.0200		104	70-130			
Tetrachloroethylene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130			
Tetrahydrofuran	0.0235	0.010	mg/Kg wet	0.0200		118	70-130			V-16
Toluene	0.0182	0.0020	mg/Kg wet	0.0200		90.9	70-130			
1,2,3-Trichlorobenzene	0.0192	0.0020	mg/Kg wet	0.0200		95.8	70-130			
1,2,4-Trichlorobenzene	0.0193	0.0020	mg/Kg wet	0.0200		96.5	70-130			
1,3,5-Trichlorobenzene	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130			
1,1,1-Trichloroethane	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130			
1,1,2-Trichloroethane	0.0198	0.0020	mg/Kg wet	0.0200		99.1	70-130			
Trichloroethylene	0.0190	0.0020	mg/Kg wet	0.0200		95.2	70-130			
Trichlorofluoromethane (Freon 11)	0.0195	0.010	mg/Kg wet	0.0200		97.3	70-130			
1,2,3-Trichloropropane	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0223	0.010	mg/Kg wet	0.0200		112	70-130			
1,2,4-Trimethylbenzene	0.0211	0.0020	mg/Kg wet	0.0200		105	70-130			
1,3,5-Trimethylbenzene	0.0192	0.0020	mg/Kg wet	0.0200		96.2	70-130			
Vinyl Chloride	0.0163	0.010	mg/Kg wet	0.0200		81.7	40-130			†
m+p Xylene	0.0390	0.0040	mg/Kg wet	0.0400		97.4	70-130			
o-Xylene	0.0188	0.0020	mg/Kg wet	0.0200		94.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0471		mg/Kg wet	0.0500		94.2	70-130			
Surrogate: Toluene-d8	0.0496		mg/Kg wet	0.0500		99.2	70-130			
Surrogate: 4-Bromofluorobenzene	0.0477		mg/Kg wet	0.0500		95.4	70-130			

LCS Dup (B064804-BSD1)

Prepared & Analyzed: 12/18/12

Acetone	0.166	0.10	mg/Kg wet	0.200		83.2	70-160	1.86	25	V-16 †
Acrylonitrile	0.0218	0.0060	mg/Kg wet	0.0200		109	70-130	0.366	25	
tert-Amyl Methyl Ether (TAME)	0.0196	0.0010	mg/Kg wet	0.0200		97.8	70-130	3.91	25	
Benzene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130	2.36	25	
Bromobenzene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130	5.78	25	
Bromochloromethane	0.0241	0.0020	mg/Kg wet	0.0200		121	70-130	2.54	25	V-20
Bromodichloromethane	0.0185	0.0020	mg/Kg wet	0.0200		92.5	70-130	6.89	25	
Bromoform	0.0197	0.0020	mg/Kg wet	0.0200		98.7	70-130	2.05	25	
Bromomethane	0.0165	0.010	mg/Kg wet	0.0200		82.6	40-130	12.1	25	†
2-Butanone (MEK)	0.194	0.040	mg/Kg wet	0.200		97.2	70-160	0.0926	25	V-16 †
tert-Butyl Alcohol (TBA)	0.239	0.040	mg/Kg wet	0.200		119	40-130	3.28	25	V-16 †
n-Butylbenzene	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130	1.57	25	
sec-Butylbenzene	0.0234	0.0020	mg/Kg wet	0.0200		117	70-130	4.55	25	
tert-Butylbenzene	0.0223	0.0020	mg/Kg wet	0.0200		111	70-160	4.97	25	†

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 B064804 - SW-846 5035										
LCS Dup (B064804-BSD1)				Prepared & Analyzed: 12/18/12						
tert-Butyl Ethyl Ether (TBEE)	0.0199	0.0020	mg/Kg wet	0.0200		99.5	70-130	0.701	25	
Carbon Disulfide	0.0186	0.0060	mg/Kg wet	0.0200		93.2	70-130	0.215	25	
Carbon Tetrachloride	0.0285	0.0020	mg/Kg wet	0.0200		143	* 70-130	1.34	25	V-20, L-02
Chlorobenzene	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130	3.85	25	
Chlorodibromomethane	0.0191	0.0010	mg/Kg wet	0.0200		95.3	70-130	3.61	25	
Chloroethane	0.0195	0.020	mg/Kg wet	0.0200		97.4	70-130	3.77	25	
Chloroform	0.0204	0.0040	mg/Kg wet	0.0200		102	70-130	0.984	25	
Chloromethane	0.0197	0.010	mg/Kg wet	0.0200		98.6	70-130	4.25	25	
2-Chlorotoluene	0.0198	0.0020	mg/Kg wet	0.0200		98.9	70-130	4.76	25	
4-Chlorotoluene	0.0199	0.0020	mg/Kg wet	0.0200		99.3	70-130	3.28	25	
1,2-Dibromo-3-chloropropane (DBCP)	0.0199	0.0020	mg/Kg wet	0.0200		99.6	70-130	2.54	25	V-16
1,2-Dibromoethane (EDB)	0.0216	0.0010	mg/Kg wet	0.0200		108	70-130	2.19	25	
Dibromomethane	0.0197	0.0020	mg/Kg wet	0.0200		98.7	70-130	1.53	25	
1,2-Dichlorobenzene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	1.55	25	
1,3-Dichlorobenzene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	2.73	25	
1,4-Dichlorobenzene	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130	2.81	25	
trans-1,4-Dichloro-2-butene	0.0163	0.0040	mg/Kg wet	0.0200		81.6	70-130	5.71	25	
Dichlorodifluoromethane (Freon 12)	0.0122	0.020	mg/Kg wet	0.0200		61.2	40-160	3.66	25	†
1,1-Dichloroethane	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	2.08	25	
1,2-Dichloroethane	0.0181	0.0020	mg/Kg wet	0.0200		90.3	70-130	0.221	25	
1,1-Dichloroethylene	0.0183	0.0040	mg/Kg wet	0.0200		91.7	70-130	1.21	25	
cis-1,2-Dichloroethylene	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130	0.838	25	
trans-1,2-Dichloroethylene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130	2.65	25	
1,2-Dichloropropane	0.0187	0.0020	mg/Kg wet	0.0200		93.3	70-130	1.38	25	
1,3-Dichloropropane	0.0193	0.0010	mg/Kg wet	0.0200		96.6	70-130	1.34	25	
2,2-Dichloropropane	0.0225	0.0020	mg/Kg wet	0.0200		113	70-130	4.72	25	
1,1-Dichloropropene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	1.18	25	
cis-1,3-Dichloropropene	0.0173	0.0010	mg/Kg wet	0.0200		86.4	70-130	3.97	25	
trans-1,3-Dichloropropene	0.0172	0.0010	mg/Kg wet	0.0200		85.9	70-130	4.55	25	
Diethyl Ether	0.0211	0.020	mg/Kg wet	0.0200		105	70-130	0.0949	25	
Diisopropyl Ether (DIPE)	0.0225	0.0010	mg/Kg wet	0.0200		112	70-130	0.00	25	
1,4-Dioxane	0.220	0.10	mg/Kg wet	0.200		110	40-160	7.02	50	V-16 † ‡
Ethylbenzene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	5.43	25	
Hexachlorobutadiene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-160	0.476	25	
2-Hexanone (MBK)	0.177	0.020	mg/Kg wet	0.200		88.6	70-160	8.28	25	†
Isopropylbenzene (Cumene)	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130	5.84	25	
p-Isopropyltoluene (p-Cymene)	0.0238	0.0020	mg/Kg wet	0.0200		119	70-130	6.07	25	
Methyl tert-Butyl Ether (MTBE)	0.0210	0.0040	mg/Kg wet	0.0200		105	70-130	0.381	25	
Methylene Chloride	0.0176	0.020	mg/Kg wet	0.0200		88.2	40-160	0.911	25	†
4-Methyl-2-pentanone (MIBK)	0.190	0.020	mg/Kg wet	0.200		94.9	70-160	6.62	25	†
Naphthalene	0.0163	0.0040	mg/Kg wet	0.0200		81.3	40-130	1.83	25	V-05 †
n-Propylbenzene	0.0209	0.0020	mg/Kg wet	0.0200		104	70-130	3.91	25	
Styrene	0.0199	0.0020	mg/Kg wet	0.0200		99.5	70-130	5.90	25	
1,1,1,2-Tetrachloroethane	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130	1.59	25	
1,1,2,2-Tetrachloroethane	0.0205	0.0010	mg/Kg wet	0.0200		102	70-130	1.74	25	
Tetrachloroethylene	0.0200	0.0020	mg/Kg wet	0.0200		99.8	70-130	0.200	25	
Tetrahydrofuran	0.0247	0.010	mg/Kg wet	0.0200		124	70-130	4.97	25	V-16
Toluene	0.0186	0.0020	mg/Kg wet	0.0200		93.2	70-130	2.50	25	
1,2,3-Trichlorobenzene	0.0189	0.0020	mg/Kg wet	0.0200		94.5	70-130	1.37	25	
1,2,4-Trichlorobenzene	0.0188	0.0020	mg/Kg wet	0.0200		93.8	70-130	2.84	25	
1,3,5-Trichlorobenzene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130	0.579	25	
1,1,1-Trichloroethane	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130	1.97	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 B064804 - SW-846 5035

LCS Dup (B064804-BSD1)

Prepared & Analyzed: 12/18/12

1,1,2-Trichloroethane	0.0198	0.0020	mg/Kg wet	0.0200		99.1	70-130	0.00	25	
Trichloroethylene	0.0191	0.0020	mg/Kg wet	0.0200		95.6	70-130	0.419	25	
Trichlorofluoromethane (Freon 11)	0.0194	0.010	mg/Kg wet	0.0200		97.1	70-130	0.206	25	
1,2,3-Trichloropropane	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130	2.18	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0227	0.010	mg/Kg wet	0.0200		113	70-130	1.60	25	
1,2,4-Trimethylbenzene	0.0217	0.0020	mg/Kg wet	0.0200		108	70-130	2.99	25	
1,3,5-Trimethylbenzene	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130	5.75	25	
Vinyl Chloride	0.0171	0.010	mg/Kg wet	0.0200		85.3	40-130	4.31	25	†
m+p Xylene	0.0413	0.0040	mg/Kg wet	0.0400		103	70-130	5.73	25	
o-Xylene	0.0201	0.0020	mg/Kg wet	0.0200		101	70-130	6.78	25	
Surrogate: 1,2-Dichloroethane-d4	0.0466		mg/Kg wet	0.0500		93.2	70-130			
Surrogate: Toluene-d8	0.0489		mg/Kg wet	0.0500		97.7	70-130			
Surrogate: 4-Bromofluorobenzene	0.0485		mg/Kg wet	0.0500		97.0	70-130			

Batch B065019 - SW-846 5030B

Blank (B065019-BLK1)

Prepared: 12/20/12 Analyzed: 12/21/12

Acetone	ND	50	µg/L							
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							V-05
Bromomethane	ND	2.0	µg/L							R-05
2-Butanone (MEK)	ND	20	µg/L							
tert-Butyl Alcohol (TBA)	ND	20	µg/L							V-16
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	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							L-04, 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							L-04, 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							

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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 B065019 - SW-846 5030B										
Blank (B065019-BLK1)				Prepared: 12/20/12 Analyzed: 12/21/12						
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							V-05
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	100	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
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							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
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							V-16
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	1.0	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	25.6		µg/L	25.0		103	70-130			
Surrogate: Toluene-d8	25.2		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	24.7		µg/L	25.0		99.0	70-130			

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 B065019 - SW-846 5030B										
LCS (B065019-BS1)										
Prepared: 12/20/12 Analyzed: 12/21/12										
Acetone	171	50	µg/L	100		171	* 70-160			L-02, V-20 †
Acrylonitrile	11.1	5.0	µg/L	10.0		111	70-130			
tert-Amyl Methyl Ether (TAME)	10.5	0.50	µg/L	10.0		105	70-130			
Benzene	10.6	1.0	µg/L	10.0		106	70-130			
Bromobenzene	9.61	1.0	µg/L	10.0		96.1	70-130			
Bromochloromethane	9.19	1.0	µg/L	10.0		91.9	70-130			
Bromodichloromethane	8.82	0.50	µg/L	10.0		88.2	70-130			
Bromoform	7.71	1.0	µg/L	10.0		77.1	70-130			V-05
Bromomethane	9.19	2.0	µg/L	10.0		91.9	40-160			R-05, V-20 †
2-Butanone (MEK)	126	20	µg/L	100		126	40-160			†
tert-Butyl Alcohol (TBA)	107	20	µg/L	100		107	40-160			V-16 †
n-Butylbenzene	9.43	1.0	µg/L	10.0		94.3	70-130			
sec-Butylbenzene	9.81	1.0	µg/L	10.0		98.1	70-130			
tert-Butylbenzene	9.71	1.0	µg/L	10.0		97.1	70-130			
tert-Butyl Ethyl Ether (TBEE)	10.3	0.50	µg/L	10.0		103	70-130			
Carbon Disulfide	9.83	4.0	µg/L	10.0		98.3	70-130			
Carbon Tetrachloride	10.1	5.0	µg/L	10.0		101	70-130			
Chlorobenzene	10.6	1.0	µg/L	10.0		106	70-130			
Chlorodibromomethane	8.45	0.50	µg/L	10.0		84.5	70-130			
Chloroethane	12.0	2.0	µg/L	10.0		120	70-130			
Chloroform	10.9	2.0	µg/L	10.0		109	70-130			
Chloromethane	4.21	2.0	µg/L	10.0		42.1	40-160			L-04, V-05 †
2-Chlorotoluene	9.88	1.0	µg/L	10.0		98.8	70-130			
4-Chlorotoluene	10.0	1.0	µg/L	10.0		100	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	7.34	5.0	µg/L	10.0		73.4	70-130			
1,2-Dibromoethane (EDB)	10.3	0.50	µg/L	10.0		103	70-130			
Dibromomethane	10.1	1.0	µg/L	10.0		101	70-130			
1,2-Dichlorobenzene	9.40	1.0	µg/L	10.0		94.0	70-130			
1,3-Dichlorobenzene	9.59	1.0	µg/L	10.0		95.9	70-130			
1,4-Dichlorobenzene	9.89	1.0	µg/L	10.0		98.9	70-130			
trans-1,4-Dichloro-2-butene	6.26	2.0	µg/L	10.0		62.6	* 70-130			L-04, V-05
Dichlorodifluoromethane (Freon 12)	5.81	2.0	µg/L	10.0		58.1	40-160			†
1,1-Dichloroethane	10.6	1.0	µg/L	10.0		106	70-130			
1,2-Dichloroethane	9.65	1.0	µg/L	10.0		96.5	70-130			
1,1-Dichloroethylene	9.98	1.0	µg/L	10.0		99.8	70-130			
cis-1,2-Dichloroethylene	9.73	1.0	µg/L	10.0		97.3	70-130			
trans-1,2-Dichloroethylene	10.2	1.0	µg/L	10.0		102	70-130			
1,2-Dichloropropane	9.44	1.0	µg/L	10.0		94.4	70-130			
1,3-Dichloropropane	10.0	0.50	µg/L	10.0		100	70-130			
2,2-Dichloropropane	8.74	1.0	µg/L	10.0		87.4	40-130			†
1,1-Dichloropropene	10.9	2.0	µg/L	10.0		109	70-130			
cis-1,3-Dichloropropene	8.39	0.50	µg/L	10.0		83.9	70-130			
trans-1,3-Dichloropropene	8.27	0.50	µg/L	10.0		82.7	70-130			V-05
Diethyl Ether	12.6	2.0	µg/L	10.0		126	70-130			
Diisopropyl Ether (DIPE)	10.6	0.50	µg/L	10.0		106	70-130			
1,4-Dioxane	119	100	µg/L	100		119	40-130			V-16 †
Ethylbenzene	10.3	1.0	µg/L	10.0		103	70-130			
Hexachlorobutadiene	9.17	0.50	µg/L	10.0		91.7	70-130			
2-Hexanone (MBK)	93.1	10	µg/L	100		93.1	70-160			V-20 †
Isopropylbenzene (Cumene)	10.1	1.0	µg/L	10.0		101	70-130			
p-Isopropyltoluene (p-Cymene)	9.93	1.0	µg/L	10.0		99.3	70-130			
Methyl tert-Butyl Ether (MTBE)	11.4	1.0	µg/L	10.0		114	70-130			

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 B065019 - SW-846 5030B										
LCS (B065019-BS1)										
Prepared: 12/20/12 Analyzed: 12/21/12										
Methylene Chloride	10.9	5.0	µg/L	10.0		109	70-130			
4-Methyl-2-pentanone (MIBK)	91.9	10	µg/L	100		91.9	70-160			†
Naphthalene	8.45	2.0	µg/L	10.0		84.5	40-130			†
n-Propylbenzene	10.1	1.0	µg/L	10.0		101	70-130			
Styrene	9.84	1.0	µg/L	10.0		98.4	70-130			
1,1,1,2-Tetrachloroethane	8.95	1.0	µg/L	10.0		89.5	70-130			
1,1,2,2-Tetrachloroethane	9.53	0.50	µg/L	10.0		95.3	70-130			
Tetrachloroethylene	10.9	1.0	µg/L	10.0		109	70-130			
Tetrahydrofuran	11.5	10	µg/L	10.0		115	70-130			V-16
Toluene	10.6	1.0	µg/L	10.0		106	70-130			
1,2,3-Trichlorobenzene	8.95	5.0	µg/L	10.0		89.5	70-130			
1,2,4-Trichlorobenzene	9.00	1.0	µg/L	10.0		90.0	70-130			
1,3,5-Trichlorobenzene	9.35	1.0	µg/L	10.0		93.5	70-130			
1,1,1-Trichloroethane	10.3	1.0	µg/L	10.0		103	70-130			
1,1,2-Trichloroethane	9.64	1.0	µg/L	10.0		96.4	70-130			
Trichloroethylene	9.67	1.0	µg/L	10.0		96.7	70-130			
Trichlorofluoromethane (Freon 11)	13.1	2.0	µg/L	10.0		131 *	70-130			L-02, V-20
1,2,3-Trichloropropane	9.89	2.0	µg/L	10.0		98.9	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.9	1.0	µg/L	10.0		119	70-130			
1,2,4-Trimethylbenzene	9.38	1.0	µg/L	10.0		93.8	70-130			
1,3,5-Trimethylbenzene	10.1	1.0	µg/L	10.0		101	70-130			
Vinyl Chloride	10.6	2.0	µg/L	10.0		106	40-160			†
m+p Xylene	20.6	2.0	µg/L	20.0		103	70-130			
o-Xylene	10.1	1.0	µg/L	10.0		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	24.9		µg/L	25.0		99.6	70-130			
Surrogate: Toluene-d8	24.9		µg/L	25.0		99.5	70-130			
Surrogate: 4-Bromofluorobenzene	24.8		µg/L	25.0		99.1	70-130			
LCS Dup (B065019-BS1)										
Prepared: 12/20/12 Analyzed: 12/21/12										
Acetone	168	50	µg/L	100		168 *	70-160	1.79	25	L-02, V-20 †
Acrylonitrile	10.8	5.0	µg/L	10.0		108	70-130	2.01	25	
tert-Amyl Methyl Ether (TAME)	10.1	0.50	µg/L	10.0		101	70-130	3.98	25	
Benzene	10.6	1.0	µg/L	10.0		106	70-130	0.188	25	
Bromobenzene	9.73	1.0	µg/L	10.0		97.3	70-130	1.24	25	
Bromochloromethane	9.41	1.0	µg/L	10.0		94.1	70-130	2.37	25	
Bromodichloromethane	8.79	0.50	µg/L	10.0		87.9	70-130	0.341	25	
Bromoform	7.88	1.0	µg/L	10.0		78.8	70-130	2.18	25	V-05
Bromomethane	12.8	2.0	µg/L	10.0		128	40-160	33.0 *	25	R-05, V-20 †
2-Butanone (MEK)	122	20	µg/L	100		122	40-160	3.69	25	†
tert-Butyl Alcohol (TBA)	107	20	µg/L	100		107	40-160	0.00932	25	V-16 †
n-Butylbenzene	9.31	1.0	µg/L	10.0		93.1	70-130	1.28	25	
sec-Butylbenzene	10.0	1.0	µg/L	10.0		100	70-130	2.22	25	
tert-Butylbenzene	9.84	1.0	µg/L	10.0		98.4	70-130	1.33	25	
tert-Butyl Ethyl Ether (TBEE)	9.99	0.50	µg/L	10.0		99.9	70-130	3.25	25	
Carbon Disulfide	10.5	4.0	µg/L	10.0		105	70-130	6.50	25	
Carbon Tetrachloride	9.88	5.0	µg/L	10.0		98.8	70-130	2.40	25	
Chlorobenzene	10.6	1.0	µg/L	10.0		106	70-130	0.284	25	
Chlorodibromomethane	8.62	0.50	µg/L	10.0		86.2	70-130	1.99	25	
Chloroethane	12.8	2.0	µg/L	10.0		128	70-130	6.45	25	
Chloroform	11.0	2.0	µg/L	10.0		110	70-130	1.19	25	
Chloromethane	5.22	2.0	µg/L	10.0		52.2	40-160	21.4	25	L-04, V-05 †
2-Chlorotoluene	9.99	1.0	µg/L	10.0		99.9	70-130	1.11	25	

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 B065019 - SW-846 5030B										
LCS Dup (B065019-BSD1)					Prepared: 12/20/12 Analyzed: 12/21/12					
4-Chlorotoluene	9.85	1.0	µg/L	10.0		98.5	70-130	1.81	25	
1,2-Dibromo-3-chloropropane (DBCP)	7.79	5.0	µg/L	10.0		77.9	70-130	5.95	25	
1,2-Dibromoethane (EDB)	10.2	0.50	µg/L	10.0		102	70-130	1.08	25	
Dibromomethane	9.98	1.0	µg/L	10.0		99.8	70-130	1.59	25	
1,2-Dichlorobenzene	9.45	1.0	µg/L	10.0		94.5	70-130	0.531	25	
1,3-Dichlorobenzene	9.57	1.0	µg/L	10.0		95.7	70-130	0.209	25	
1,4-Dichlorobenzene	10.2	1.0	µg/L	10.0		102	70-130	2.59	25	
trans-1,4-Dichloro-2-butene	6.43	2.0	µg/L	10.0		64.3 *	70-130	2.68	25	L-04, V-05
Dichlorodifluoromethane (Freon 12)	5.91	2.0	µg/L	10.0		59.1	40-160	1.71	25	†
1,1-Dichloroethane	10.4	1.0	µg/L	10.0		104	70-130	1.82	25	
1,2-Dichloroethane	9.76	1.0	µg/L	10.0		97.6	70-130	1.13	25	
1,1-Dichloroethylene	9.88	1.0	µg/L	10.0		98.8	70-130	1.01	25	
cis-1,2-Dichloroethylene	9.86	1.0	µg/L	10.0		98.6	70-130	1.33	25	
trans-1,2-Dichloroethylene	10.1	1.0	µg/L	10.0		101	70-130	0.889	25	
1,2-Dichloropropane	9.35	1.0	µg/L	10.0		93.5	70-130	0.958	25	
1,3-Dichloropropane	10.2	0.50	µg/L	10.0		102	70-130	2.37	25	
2,2-Dichloropropane	8.62	1.0	µg/L	10.0		86.2	40-130	1.38	25	†
1,1-Dichloropropene	10.8	2.0	µg/L	10.0		108	70-130	0.551	25	
cis-1,3-Dichloropropene	8.24	0.50	µg/L	10.0		82.4	70-130	1.80	25	
trans-1,3-Dichloropropene	8.21	0.50	µg/L	10.0		82.1	70-130	0.728	25	V-05
Diethyl Ether	12.4	2.0	µg/L	10.0		124	70-130	1.36	25	
Diisopropyl Ether (DIPE)	10.2	0.50	µg/L	10.0		102	70-130	3.74	25	
1,4-Dioxane	116	100	µg/L	100		116	40-130	2.65	50	V-16 † ‡
Ethylbenzene	10.6	1.0	µg/L	10.0		106	70-130	2.88	25	
Hexachlorobutadiene	9.10	0.50	µg/L	10.0		91.0	70-130	0.766	25	
2-Hexanone (MBK)	92.4	10	µg/L	100		92.4	70-160	0.690	25	V-20 †
Isopropylbenzene (Cumene)	10.2	1.0	µg/L	10.0		102	70-130	1.08	25	
p-Isopropyltoluene (p-Cymene)	10.0	1.0	µg/L	10.0		100	70-130	0.702	25	
Methyl tert-Butyl Ether (MTBE)	11.2	1.0	µg/L	10.0		112	70-130	1.85	25	
Methylene Chloride	10.7	5.0	µg/L	10.0		107	70-130	1.76	25	
4-Methyl-2-pentanone (MIBK)	92.8	10	µg/L	100		92.8	70-160	1.02	25	†
Naphthalene	8.88	2.0	µg/L	10.0		88.8	40-130	4.96	25	†
n-Propylbenzene	10.1	1.0	µg/L	10.0		101	70-130	0.0992	25	
Styrene	9.83	1.0	µg/L	10.0		98.3	70-130	0.102	25	
1,1,1,2-Tetrachloroethane	8.79	1.0	µg/L	10.0		87.9	70-130	1.80	25	
1,1,2,2-Tetrachloroethane	9.53	0.50	µg/L	10.0		95.3	70-130	0.00	25	
Tetrachloroethylene	11.0	1.0	µg/L	10.0		110	70-130	1.19	25	
Tetrahydrofuran	12.6	10	µg/L	10.0		126	70-130	8.94	25	V-16
Toluene	10.4	1.0	µg/L	10.0		104	70-130	1.62	25	
1,2,3-Trichlorobenzene	9.25	5.0	µg/L	10.0		92.5	70-130	3.30	25	
1,2,4-Trichlorobenzene	9.24	1.0	µg/L	10.0		92.4	70-130	2.63	25	
1,3,5-Trichlorobenzene	9.37	1.0	µg/L	10.0		93.7	70-130	0.214	25	
1,1,1-Trichloroethane	10.2	1.0	µg/L	10.0		102	70-130	0.879	25	
1,1,2-Trichloroethane	9.64	1.0	µg/L	10.0		96.4	70-130	0.00	25	
Trichloroethylene	10.1	1.0	µg/L	10.0		101	70-130	4.05	25	
Trichlorofluoromethane (Freon 11)	13.3	2.0	µg/L	10.0		133 *	70-130	1.59	25	L-02, V-20
1,2,3-Trichloropropane	9.83	2.0	µg/L	10.0		98.3	70-130	0.609	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.1	1.0	µg/L	10.0		121	70-130	2.00	25	
1,2,4-Trimethylbenzene	9.41	1.0	µg/L	10.0		94.1	70-130	0.319	25	
1,3,5-Trimethylbenzene	9.77	1.0	µg/L	10.0		97.7	70-130	3.42	25	
Vinyl Chloride	10.6	2.0	µg/L	10.0		106	40-160	0.189	25	†

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 B065019 - SW-846 5030B

LCS Dup (B065019-BSD1)

Prepared: 12/20/12 Analyzed: 12/21/12

m+p Xylene	21.1	2.0	µg/L	20.0		105	70-130	2.40	25	
o-Xylene	10.4	1.0	µg/L	10.0		104	70-130	2.63	25	
Surrogate: 1,2-Dichloroethane-d4	25.0		µg/L	25.0		100	70-130			
Surrogate: Toluene-d8	24.5		µg/L	25.0		98.0	70-130			
Surrogate: 4-Bromofluorobenzene	25.0		µg/L	25.0		99.8	70-130			

Batch B065047 - SW-846 5035

Blank (B065047-BLK1)

Prepared: 12/20/12 Analyzed: 12/21/12

Acetone	ND	2.5	mg/Kg wet							
Acrylonitrile	ND	0.25	mg/Kg wet							
tert-Amyl Methyl Ether (TAME)	ND	0.025	mg/Kg wet							
Benzene	ND	0.050	mg/Kg wet							
Bromobenzene	ND	0.050	mg/Kg wet							
Bromochloromethane	ND	0.050	mg/Kg wet							
Bromodichloromethane	ND	0.050	mg/Kg wet							
Bromoform	ND	0.050	mg/Kg wet							V-05
Bromomethane	ND	0.10	mg/Kg wet							R-05
2-Butanone (MEK)	ND	1.0	mg/Kg wet							
tert-Butyl Alcohol (TBA)	ND	1.0	mg/Kg wet							V-16
n-Butylbenzene	ND	0.050	mg/Kg wet							
sec-Butylbenzene	ND	0.050	mg/Kg wet							
tert-Butylbenzene	ND	0.050	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.025	mg/Kg wet							
Carbon Disulfide	ND	0.20	mg/Kg wet							
Carbon Tetrachloride	ND	0.050	mg/Kg wet							
Chlorobenzene	ND	0.050	mg/Kg wet							
Chlorodibromomethane	ND	0.025	mg/Kg wet							
Chloroethane	ND	0.10	mg/Kg wet							
Chloroform	ND	0.10	mg/Kg wet							
Chloromethane	ND	0.10	mg/Kg wet							L-04, V-05
2-Chlorotoluene	ND	0.050	mg/Kg wet							
4-Chlorotoluene	ND	0.050	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.25	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.025	mg/Kg wet							
Dibromomethane	ND	0.050	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.050	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.10	mg/Kg wet							L-04, V-05
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg wet							
1,1-Dichloroethane	ND	0.050	mg/Kg wet							
1,2-Dichloroethane	ND	0.050	mg/Kg wet							
1,1-Dichloroethylene	ND	0.050	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
1,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,3-Dichloropropane	ND	0.025	mg/Kg wet							
2,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,1-Dichloropropene	ND	0.10	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.025	mg/Kg wet							V-05
Diethyl Ether	ND	0.10	mg/Kg wet							

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 B065047 - SW-846 5035

Blank (B065047-BLK1)

Prepared: 12/20/12 Analyzed: 12/21/12

Diisopropyl Ether (DIPE)	ND	0.025	mg/Kg wet							
1,4-Dioxane	ND	5.0	mg/Kg wet							V-16
Ethylbenzene	ND	0.050	mg/Kg wet							
Hexachlorobutadiene	ND	0.050	mg/Kg wet							
2-Hexanone (MBK)	ND	0.50	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.050	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.050	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.050	mg/Kg wet							
Methylene Chloride	ND	0.25	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.50	mg/Kg wet							
Naphthalene	ND	0.10	mg/Kg wet							
n-Propylbenzene	ND	0.050	mg/Kg wet							
Styrene	ND	0.050	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.050	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.025	mg/Kg wet							
Tetrachloroethylene	ND	0.050	mg/Kg wet							
Tetrahydrofuran	ND	0.50	mg/Kg wet							V-16
Toluene	ND	0.050	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.25	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.050	mg/Kg wet							
1,3,5-Trichlorobenzene	ND	0.050	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.050	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.050	mg/Kg wet							
Trichloroethylene	ND	0.050	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.10	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.050	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.050	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.050	mg/Kg wet							
Vinyl Chloride	ND	0.10	mg/Kg wet							
m+p Xylene	ND	0.10	mg/Kg wet							
o-Xylene	ND	0.050	mg/Kg wet							

Surrogate: 1,2-Dichloroethane-d4	0.0256		mg/Kg wet	0.0250		103	70-130			
Surrogate: Toluene-d8	0.0247		mg/Kg wet	0.0250		98.7	70-130			
Surrogate: 4-Bromofluorobenzene	0.0244		mg/Kg wet	0.0250		97.5	70-130			

LCS (B065047-BS1)

Prepared: 12/20/12 Analyzed: 12/21/12

Acetone	0.193	0.057	mg/Kg wet	0.113		171	*	70-160		L-02, V-20	†
Acrylonitrile	0.0125	0.0057	mg/Kg wet	0.0113		111		70-130			
tert-Amyl Methyl Ether (TAME)	0.0119	0.00057	mg/Kg wet	0.0113		105		70-130			
Benzene	0.0120	0.0011	mg/Kg wet	0.0113		106		70-130			
Bromobenzene	0.0109	0.0011	mg/Kg wet	0.0113		96.1		70-130			
Bromochloromethane	0.0104	0.0011	mg/Kg wet	0.0113		91.9		70-130			
Bromodichloromethane	0.0100	0.0011	mg/Kg wet	0.0113		88.2		70-130			
Bromoform	0.00874	0.0011	mg/Kg wet	0.0113		77.1		70-130		V-05	
Bromomethane	0.0104	0.0023	mg/Kg wet	0.0113		91.9		40-130		R-05, V-20	†
2-Butanone (MEK)	0.143	0.023	mg/Kg wet	0.113		126		70-160			†
tert-Butyl Alcohol (TBA)	0.122	0.023	mg/Kg wet	0.113		107		40-130		V-16	†
n-Butylbenzene	0.0107	0.0011	mg/Kg wet	0.0113		94.3		70-130			
sec-Butylbenzene	0.0111	0.0011	mg/Kg wet	0.0113		98.1		70-130			
tert-Butylbenzene	0.0110	0.0011	mg/Kg wet	0.0113		97.1		70-160			†
tert-Butyl Ethyl Ether (TBEE)	0.0117	0.00057	mg/Kg wet	0.0113		103		70-130			

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 B065047 - SW-846 5035										
LCS (B065047-BS1)					Prepared: 12/20/12 Analyzed: 12/21/12					
Carbon Disulfide	0.0111	0.0045	mg/Kg wet	0.0113		98.3	70-130			
Carbon Tetrachloride	0.0115	0.0011	mg/Kg wet	0.0113		101	70-130			
Chlorobenzene	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130			
Chlorodibromomethane	0.00958	0.00057	mg/Kg wet	0.0113		84.5	70-130			
Chloroethane	0.0136	0.0023	mg/Kg wet	0.0113		120	70-130			
Chloroform	0.0123	0.0023	mg/Kg wet	0.0113		109	70-130			
Chloromethane	0.00477	0.0023	mg/Kg wet	0.0113		42.1	* 70-130			L-04, V-05
2-Chlorotoluene	0.0112	0.0011	mg/Kg wet	0.0113		98.8	70-130			
4-Chlorotoluene	0.0114	0.0011	mg/Kg wet	0.0113		100	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.00832	0.0057	mg/Kg wet	0.0113		73.4	70-130			
1,2-Dibromoethane (EDB)	0.0117	0.00057	mg/Kg wet	0.0113		103	70-130			
Dibromomethane	0.0115	0.0011	mg/Kg wet	0.0113		101	70-130			
1,2-Dichlorobenzene	0.0107	0.0011	mg/Kg wet	0.0113		94.0	70-130			
1,3-Dichlorobenzene	0.0109	0.0011	mg/Kg wet	0.0113		95.9	70-130			
1,4-Dichlorobenzene	0.0112	0.0011	mg/Kg wet	0.0113		98.9	70-130			
trans-1,4-Dichloro-2-butene	0.00709	0.0023	mg/Kg wet	0.0113		62.6	* 70-130			L-04, V-05
Dichlorodifluoromethane (Freon 12)	0.00658	0.0023	mg/Kg wet	0.0113		58.1	40-160			†
1,1-Dichloroethane	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130			
1,2-Dichloroethane	0.0109	0.0011	mg/Kg wet	0.0113		96.5	70-130			
1,1-Dichloroethylene	0.0113	0.0011	mg/Kg wet	0.0113		99.8	70-130			
cis-1,2-Dichloroethylene	0.0110	0.0011	mg/Kg wet	0.0113		97.3	70-130			
trans-1,2-Dichloroethylene	0.0115	0.0011	mg/Kg wet	0.0113		102	70-130			
1,2-Dichloropropane	0.0107	0.0011	mg/Kg wet	0.0113		94.4	70-130			
1,3-Dichloropropane	0.0113	0.00057	mg/Kg wet	0.0113		100	70-130			
2,2-Dichloropropane	0.00991	0.0011	mg/Kg wet	0.0113		87.4	70-130			
1,1-Dichloropropene	0.0124	0.0023	mg/Kg wet	0.0113		109	70-130			
cis-1,3-Dichloropropene	0.00951	0.00057	mg/Kg wet	0.0113		83.9	70-130			
trans-1,3-Dichloropropene	0.00937	0.00057	mg/Kg wet	0.0113		82.7	70-130			V-05
Diethyl Ether	0.0142	0.0023	mg/Kg wet	0.0113		126	70-130			
Diisopropyl Ether (DIPE)	0.0120	0.00057	mg/Kg wet	0.0113		106	70-130			
1,4-Dioxane	0.135	0.11	mg/Kg wet	0.113		119	40-160			V-16 †
Ethylbenzene	0.0116	0.0011	mg/Kg wet	0.0113		103	70-130			
Hexachlorobutadiene	0.0104	0.0011	mg/Kg wet	0.0113		91.7	70-160			
2-Hexanone (MBK)	0.106	0.011	mg/Kg wet	0.113		93.1	70-160			V-20 †
Isopropylbenzene (Cumene)	0.0114	0.0011	mg/Kg wet	0.0113		101	70-130			
p-Isopropyltoluene (p-Cymene)	0.0113	0.0011	mg/Kg wet	0.0113		99.3	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0130	0.0011	mg/Kg wet	0.0113		114	70-130			
Methylene Chloride	0.0124	0.0057	mg/Kg wet	0.0113		109	40-160			†
4-Methyl-2-pentanone (MIBK)	0.104	0.011	mg/Kg wet	0.113		91.9	70-160			†
Naphthalene	0.00958	0.0023	mg/Kg wet	0.0113		84.5	40-130			†
n-Propylbenzene	0.0114	0.0011	mg/Kg wet	0.0113		101	70-130			
Styrene	0.0112	0.0011	mg/Kg wet	0.0113		98.4	70-130			
1,1,1,2-Tetrachloroethane	0.0101	0.0011	mg/Kg wet	0.0113		89.5	70-130			
1,1,2,2-Tetrachloroethane	0.0108	0.00057	mg/Kg wet	0.0113		95.3	70-130			
Tetrachloroethylene	0.0123	0.0011	mg/Kg wet	0.0113		109	70-130			
Tetrahydrofuran	0.0131	0.011	mg/Kg wet	0.0113		115	70-130			V-16
Toluene	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130			
1,2,3-Trichlorobenzene	0.0101	0.0057	mg/Kg wet	0.0113		89.5	70-130			
1,2,4-Trichlorobenzene	0.0102	0.0011	mg/Kg wet	0.0113		90.0	70-130			
1,3,5-Trichlorobenzene	0.0106	0.0011	mg/Kg wet	0.0113		93.5	70-130			
1,1,1-Trichloroethane	0.0117	0.0011	mg/Kg wet	0.0113		103	70-130			
1,1,2-Trichloroethane	0.0109	0.0011	mg/Kg wet	0.0113		96.4	70-130			

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 B065047 - SW-846 5035										
LCS (B065047-BS1)										
				Prepared: 12/20/12 Analyzed: 12/21/12						
Trichloroethylene	0.0110	0.0011	mg/Kg wet	0.0113		96.7	70-130			
Trichlorofluoromethane (Freon 11)	0.0148	0.0023	mg/Kg wet	0.0113		131	* 70-130			L-02, V-20
1,2,3-Trichloropropane	0.0112	0.0023	mg/Kg wet	0.0113		98.9	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0135	0.0011	mg/Kg wet	0.0113		119	70-130			
1,2,4-Trimethylbenzene	0.0106	0.0011	mg/Kg wet	0.0113		93.8	70-130			
1,3,5-Trimethylbenzene	0.0115	0.0011	mg/Kg wet	0.0113		101	70-130			
Vinyl Chloride	0.0120	0.0023	mg/Kg wet	0.0113		106	40-130			†
m+p Xylene	0.0233	0.0023	mg/Kg wet	0.0227		103	70-130			
o-Xylene	0.0115	0.0011	mg/Kg wet	0.0113		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0282		mg/Kg wet	0.0283		99.6	70-130			
Surrogate: Toluene-d8	0.0282		mg/Kg wet	0.0283		99.5	70-130			
Surrogate: 4-Bromofluorobenzene	0.0281		mg/Kg wet	0.0283		99.1	70-130			
LCS Dup (B065047-BSD1)										
				Prepared: 12/20/12 Analyzed: 12/21/12						
Acetone	0.190	0.057	mg/Kg wet	0.113		168	* 70-160	1.79	25	L-02, V-20 †
Acrylonitrile	0.0123	0.0057	mg/Kg wet	0.0113		108	70-130	2.01	25	
tert-Amyl Methyl Ether (TAME)	0.0114	0.00057	mg/Kg wet	0.0113		101	70-130	3.98	25	
Benzene	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130	0.188	25	
Bromobenzene	0.0110	0.0011	mg/Kg wet	0.0113		97.3	70-130	1.24	25	
Bromochloromethane	0.0107	0.0011	mg/Kg wet	0.0113		94.1	70-130	2.37	25	
Bromodichloromethane	0.00996	0.0011	mg/Kg wet	0.0113		87.9	70-130	0.341	25	
Bromoform	0.00893	0.0011	mg/Kg wet	0.0113		78.8	70-130	2.18	25	V-05
Bromomethane	0.0145	0.0023	mg/Kg wet	0.0113		128	40-130	33.0	* 25	R-05, V-20 †
2-Butanone (MEK)	0.138	0.023	mg/Kg wet	0.113		122	70-160	3.69	25	†
tert-Butyl Alcohol (TBA)	0.122	0.023	mg/Kg wet	0.113		107	40-130	0.00930	25	V-16 †
n-Butylbenzene	0.0106	0.0011	mg/Kg wet	0.0113		93.1	70-130	1.28	25	
sec-Butylbenzene	0.0114	0.0011	mg/Kg wet	0.0113		100	70-130	2.22	25	
tert-Butylbenzene	0.0112	0.0011	mg/Kg wet	0.0113		98.4	70-160	1.33	25	†
tert-Butyl Ethyl Ether (TBEE)	0.0113	0.00057	mg/Kg wet	0.0113		99.9	70-130	3.25	25	
Carbon Disulfide	0.0119	0.0045	mg/Kg wet	0.0113		105	70-130	6.50	25	
Carbon Tetrachloride	0.0112	0.0011	mg/Kg wet	0.0113		98.8	70-130	2.40	25	
Chlorobenzene	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130	0.284	25	
Chlorodibromomethane	0.00977	0.00057	mg/Kg wet	0.0113		86.2	70-130	1.99	25	
Chloroethane	0.0145	0.0023	mg/Kg wet	0.0113		128	70-130	6.45	25	
Chloroform	0.0125	0.0023	mg/Kg wet	0.0113		110	70-130	1.19	25	
Chloromethane	0.00592	0.0023	mg/Kg wet	0.0113		52.2	* 70-130	21.4	25	L-04, V-05
2-Chlorotoluene	0.0113	0.0011	mg/Kg wet	0.0113		99.9	70-130	1.11	25	
4-Chlorotoluene	0.0112	0.0011	mg/Kg wet	0.0113		98.5	70-130	1.81	25	
1,2-Dibromo-3-chloropropane (DBCP)	0.00883	0.0057	mg/Kg wet	0.0113		77.9	70-130	5.95	25	
1,2-Dibromoethane (EDB)	0.0115	0.00057	mg/Kg wet	0.0113		102	70-130	1.08	25	
Dibromomethane	0.0113	0.0011	mg/Kg wet	0.0113		99.8	70-130	1.59	25	
1,2-Dichlorobenzene	0.0107	0.0011	mg/Kg wet	0.0113		94.5	70-130	0.531	25	
1,3-Dichlorobenzene	0.0108	0.0011	mg/Kg wet	0.0113		95.7	70-130	0.209	25	
1,4-Dichlorobenzene	0.0115	0.0011	mg/Kg wet	0.0113		102	70-130	2.59	25	
trans-1,4-Dichloro-2-butene	0.00729	0.0023	mg/Kg wet	0.0113		64.3	* 70-130	2.68	25	L-04, V-05
Dichlorodifluoromethane (Freon 12)	0.00670	0.0023	mg/Kg wet	0.0113		59.1	40-160	1.71	25	†
1,1-Dichloroethane	0.0118	0.0011	mg/Kg wet	0.0113		104	70-130	1.82	25	
1,2-Dichloroethane	0.0111	0.0011	mg/Kg wet	0.0113		97.6	70-130	1.13	25	
1,1-Dichloroethylene	0.0112	0.0011	mg/Kg wet	0.0113		98.8	70-130	1.01	25	
cis-1,2-Dichloroethylene	0.0112	0.0011	mg/Kg wet	0.0113		98.6	70-130	1.33	25	
trans-1,2-Dichloroethylene	0.0114	0.0011	mg/Kg wet	0.0113		101	70-130	0.889	25	
1,2-Dichloropropane	0.0106	0.0011	mg/Kg wet	0.0113		93.5	70-130	0.958	25	

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 B065047 - SW-846 5035										
LCS Dup (B065047-BSD1)					Prepared: 12/20/12 Analyzed: 12/21/12					
1,3-Dichloropropane	0.0116	0.00057	mg/Kg wet	0.0113		103	70-130	2.37	25	
2,2-Dichloropropane	0.00977	0.0011	mg/Kg wet	0.0113		86.2	70-130	1.38	25	
1,1-Dichloropropene	0.0123	0.0023	mg/Kg wet	0.0113		109	70-130	0.551	25	
cis-1,3-Dichloropropene	0.00934	0.00057	mg/Kg wet	0.0113		82.4	70-130	1.80	25	
trans-1,3-Dichloropropene	0.00930	0.00057	mg/Kg wet	0.0113		82.1	70-130	0.728	25	V-05
Diethyl Ether	0.0141	0.0023	mg/Kg wet	0.0113		124	70-130	1.36	25	
Diisopropyl Ether (DIPE)	0.0116	0.00057	mg/Kg wet	0.0113		102	70-130	3.74	25	
1,4-Dioxane	0.131	0.11	mg/Kg wet	0.113		116	40-160	2.65	50	V-16 † ‡
Ethylbenzene	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130	2.88	25	
Hexachlorobutadiene	0.0103	0.0011	mg/Kg wet	0.0113		91.0	70-160	0.766	25	
2-Hexanone (MBK)	0.105	0.011	mg/Kg wet	0.113		92.5	70-160	0.690	25	V-20 †
Isopropylbenzene (Cumene)	0.0116	0.0011	mg/Kg wet	0.0113		102	70-130	1.08	25	
p-Isopropyltoluene (p-Cymene)	0.0113	0.0011	mg/Kg wet	0.0113		100	70-130	0.702	25	
Methyl tert-Butyl Ether (MTBE)	0.0127	0.0011	mg/Kg wet	0.0113		112	70-130	1.85	25	
Methylene Chloride	0.0121	0.0057	mg/Kg wet	0.0113		107	40-160	1.76	25	†
4-Methyl-2-pentanone (MIBK)	0.105	0.011	mg/Kg wet	0.113		92.8	70-160	1.02	25	†
Naphthalene	0.0101	0.0023	mg/Kg wet	0.0113		88.8	40-130	4.96	25	†
n-Propylbenzene	0.0114	0.0011	mg/Kg wet	0.0113		101	70-130	0.0991	25	
Styrene	0.0111	0.0011	mg/Kg wet	0.0113		98.3	70-130	0.102	25	
1,1,1,2-Tetrachloroethane	0.00996	0.0011	mg/Kg wet	0.0113		87.9	70-130	1.80	25	
1,1,2,2-Tetrachloroethane	0.0108	0.00057	mg/Kg wet	0.0113		95.3	70-130	0.00	25	
Tetrachloroethylene	0.0125	0.0011	mg/Kg wet	0.0113		110	70-130	1.19	25	
Tetrahydrofuran	0.0143	0.011	mg/Kg wet	0.0113		126	70-130	8.94	25	V-16
Toluene	0.0118	0.0011	mg/Kg wet	0.0113		104	70-130	1.62	25	
1,2,3-Trichlorobenzene	0.0105	0.0057	mg/Kg wet	0.0113		92.5	70-130	3.30	25	
1,2,4-Trichlorobenzene	0.0105	0.0011	mg/Kg wet	0.0113		92.4	70-130	2.63	25	
1,3,5-Trichlorobenzene	0.0106	0.0011	mg/Kg wet	0.0113		93.7	70-130	0.214	25	
1,1,1-Trichloroethane	0.0115	0.0011	mg/Kg wet	0.0113		102	70-130	0.879	25	
1,1,2-Trichloroethane	0.0109	0.0011	mg/Kg wet	0.0113		96.4	70-130	0.00	25	
Trichloroethylene	0.0114	0.0011	mg/Kg wet	0.0113		101	70-130	4.05	25	
Trichlorofluoromethane (Freon 11)	0.0151	0.0023	mg/Kg wet	0.0113		133 *	70-130	1.59	25	L-02, V-20
1,2,3-Trichloropropane	0.0111	0.0023	mg/Kg wet	0.0113		98.3	70-130	0.609	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0137	0.0011	mg/Kg wet	0.0113		121	70-130	2.00	25	
1,2,4-Trimethylbenzene	0.0107	0.0011	mg/Kg wet	0.0113		94.1	70-130	0.319	25	
1,3,5-Trimethylbenzene	0.0111	0.0011	mg/Kg wet	0.0113		97.7	70-130	3.42	25	
Vinyl Chloride	0.0120	0.0023	mg/Kg wet	0.0113		106	40-130	0.189	25	†
m+p Xylene	0.0239	0.0023	mg/Kg wet	0.0227		105	70-130	2.40	25	
o-Xylene	0.0118	0.0011	mg/Kg wet	0.0113		104	70-130	2.63	25	
Surrogate: 1,2-Dichloroethane-d4	0.0284		mg/Kg wet	0.0283		100	70-130			
Surrogate: Toluene-d8	0.0278		mg/Kg wet	0.0283		98.0	70-130			
Surrogate: 4-Bromofluorobenzene	0.0283		mg/Kg wet	0.0283		99.8	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 B065048 - SW-846 5035										
Blank (B065048-BLK1)				Prepared: 12/20/12 Analyzed: 12/21/12						
cis-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	0.0256		mg/Kg wet	0.0250		103	70-130			
Surrogate: Toluene-d8	0.0247		mg/Kg wet	0.0250		98.7	70-130			
Surrogate: 4-Bromofluorobenzene	0.0244		mg/Kg wet	0.0250		97.5	70-130			
LCS (B065048-BS1)				Prepared: 12/20/12 Analyzed: 12/21/12						
cis-1,2-Dichloroethylene	0.0110	0.0011	mg/Kg wet	0.0113		97.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0282		mg/Kg wet	0.0283		99.6	70-130			
Surrogate: Toluene-d8	0.0282		mg/Kg wet	0.0283		99.5	70-130			
Surrogate: 4-Bromofluorobenzene	0.0281		mg/Kg wet	0.0283		99.1	70-130			
LCS Dup (B065048-BSD1)				Prepared: 12/20/12 Analyzed: 12/21/12						
cis-1,2-Dichloroethylene	0.0112	0.0011	mg/Kg wet	0.0113		98.6	70-130	1.33	25	
Surrogate: 1,2-Dichloroethane-d4	0.0284		mg/Kg wet	0.0283		100	70-130			
Surrogate: Toluene-d8	0.0278		mg/Kg wet	0.0283		98.0	70-130			
Surrogate: 4-Bromofluorobenzene	0.0283		mg/Kg wet	0.0283		99.8	70-130			
Batch B065205 - SW-846 5030B										
Blank (B065205-BLK1)				Prepared & Analyzed: 12/23/12						
Vinyl Chloride	ND	2.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	24.4		µg/L	25.0		97.4	70-130			
Surrogate: Toluene-d8	24.9		µg/L	25.0		99.7	70-130			
Surrogate: 4-Bromofluorobenzene	24.4		µg/L	25.0		97.5	70-130			
LCS (B065205-BS1)				Prepared & Analyzed: 12/23/12						
Vinyl Chloride	9.82	2.0	µg/L	10.0		98.2	40-160			†
Surrogate: 1,2-Dichloroethane-d4	25.5		µg/L	25.0		102	70-130			
Surrogate: Toluene-d8	25.4		µg/L	25.0		102	70-130			
Surrogate: 4-Bromofluorobenzene	25.0		µg/L	25.0		99.8	70-130			
LCS Dup (B065205-BSD1)				Prepared & Analyzed: 12/23/12						
Vinyl Chloride	10.3	2.0	µg/L	10.0		103	40-160	5.06	25	†
Surrogate: 1,2-Dichloroethane-d4	23.9		µg/L	25.0		95.6	70-130			
Surrogate: Toluene-d8	25.2		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	24.9		µg/L	25.0		99.6	70-130			
Batch B065223 - SW-846 5030B										
Blank (B065223-BLK1)				Prepared: 12/19/12 Analyzed: 12/20/12						
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	27.3		µg/L	25.0		109	70-130			
Surrogate: Toluene-d8	25.5		µg/L	25.0		102	70-130			
Surrogate: 4-Bromofluorobenzene	23.9		µg/L	25.0		95.7	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 B065223 - SW-846 5030B

LCS (B065223-BS1)

Prepared: 12/19/12 Analyzed: 12/20/12

cis-1,2-Dichloroethylene	10.5	1.0	µg/L	10.0		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	26.9		µg/L	25.0		107	70-130			
Surrogate: Toluene-d8	25.2		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	24.7		µg/L	25.0		98.9	70-130			

LCS Dup (B065223-BS1)

Prepared: 12/19/12 Analyzed: 12/20/12

cis-1,2-Dichloroethylene	10.8	1.0	µg/L	10.0		108	70-130	2.45	25	
Surrogate: 1,2-Dichloroethane-d4	27.0		µg/L	25.0		108	70-130			
Surrogate: Toluene-d8	25.1		µg/L	25.0		101	70-130			
Surrogate: 4-Bromofluorobenzene	24.8		µg/L	25.0		99.1	70-130			

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QUALITY CONTROL
Tentatively Identified Compounds - Volatile Compounds (ESTIMATED VALUES REPORTED) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B064499 - SW-846 5030B										
Blank (B064499-BLK1)				Prepared & Analyzed: 12/19/12						
No TICs Found	0.0		µg/L							
Batch B064751 - SW-846 5035										
Blank (B064751-BLK1)				Prepared & Analyzed: 12/17/12						
No TICs Found	0.0		mg/Kg wet							
Batch B064804 - SW-846 5035										
Blank (B064804-BLK1)				Prepared & Analyzed: 12/18/12						
No TICs Found	0.0		mg/Kg wet							
Batch B065019 - SW-846 5030B										
Blank (B065019-BLK1)				Prepared: 12/20/12 Analyzed: 12/21/12						
No TICs Found	0.0		µg/L							
Batch B065047 - SW-846 5035										
Blank (B065047-BLK1)				Prepared: 12/20/12 Analyzed: 12/21/12						
No TICs Found	0.0		mg/Kg wet							

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QUALITY CONTROL
Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Batch B064631 - % Solids
Duplicate (B064631-DUP2)
Source: 12L0458-01

Prepared: 12/14/12 Analyzed: 12/15/12

% Solids	84.7		% Wt		83.9			0.949	20	

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-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
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.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
RL-01	Elevated reporting limit due to high concentration of target compounds. Requested reporting limit not met.
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.
V-20	Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Soil</i>	
Acetone	CT,NH,NY,ME,VA
Acetone	CT,NH,NY,VA
Acetone	CT,NH,NY,ME,VA
Acrylonitrile	CT,NH,NY,VA
Acrylonitrile	CT,NH,NY,ME,VA
Acrylonitrile	CT,NH,NY,ME,VA
Benzene	CT,NH,NY,ME,VA
Benzene	CT,NH,NY,ME,VA
Benzene	CT,NH,NY,VA
Bromobenzene	NH,NY,VA
Bromobenzene	NH,NY,ME,VA
Bromobenzene	NH,NY,ME,VA
Bromochloromethane	NH,NY,ME,VA
Bromochloromethane	NH,NY,VA
Bromochloromethane	NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromoform	CT,NH,NY,ME,VA
Bromoform	CT,NH,NY,VA
Bromoform	CT,NH,NY,ME,VA
Bromomethane	CT,NH,NY,VA
Bromomethane	CT,NH,NY,ME,VA
Bromomethane	CT,NH,NY,ME,VA
2-Butanone (MEK)	CT,NH,NY,ME,VA
2-Butanone (MEK)	CT,NH,NY,VA
2-Butanone (MEK)	CT,NH,NY,ME,VA
n-Butylbenzene	CT,NH,NY,VA
n-Butylbenzene	CT,NH,NY,ME,VA
n-Butylbenzene	CT,NH,NY,ME,VA
sec-Butylbenzene	CT,NH,NY,ME,VA
sec-Butylbenzene	CT,NH,NY,VA
sec-Butylbenzene	CT,NH,NY,ME,VA
tert-Butylbenzene	CT,NH,NY,VA
tert-Butylbenzene	CT,NH,NY,ME,VA
tert-Butylbenzene	CT,NH,NY,ME,VA
Carbon Disulfide	CT,NH,NY,VA
Carbon Disulfide	CT,NH,NY,ME,VA
Carbon Disulfide	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Soil</i>	
Chlorodibromomethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,VA
Chloroform	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,VA
Chloroform	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,VA
Chloromethane	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
2-Chlorotoluene	CT,NH,NY,VA
2-Chlorotoluene	CT,NH,NY,ME,VA
2-Chlorotoluene	CT,NH,NY,ME,VA
4-Chlorotoluene	CT,NH,NY,VA
4-Chlorotoluene	CT,NH,NY,ME,VA
4-Chlorotoluene	CT,NH,NY,ME,VA
Dibromomethane	NH,NY,ME,VA
Dibromomethane	NH,NY,ME,VA
Dibromomethane	NH,NY,VA
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,2-Dichlorobenzene	CT,NH,NY,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,VA
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,VA
Dichlorodifluoromethane (Freon 12)	NY,ME,VA
Dichlorodifluoromethane (Freon 12)	NY,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,VA
1,2-Dichloropropane	CT,NH,NY,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Soil</i>	
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,3-Dichloropropane	NH,NY,ME,VA
1,3-Dichloropropane	NH,NY,ME,VA
1,3-Dichloropropane	NH,NY,VA
2,2-Dichloropropane	NH,NY,ME,VA
2,2-Dichloropropane	NH,NY,VA
2,2-Dichloropropane	NH,NY,ME,VA
1,1-Dichloropropene	NH,NY,ME,VA
1,1-Dichloropropene	NH,NY,ME,VA
1,1-Dichloropropene	NH,NY,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
Ethylbenzene	CT,NH,NY,VA
Ethylbenzene	CT,NH,NY,ME,VA
Ethylbenzene	CT,NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,VA
Hexachlorobutadiene	NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,ME,VA
2-Hexanone (MBK)	CT,NH,NY,ME,VA
2-Hexanone (MBK)	CT,NH,NY,VA
2-Hexanone (MBK)	CT,NH,NY,ME,VA
Isopropylbenzene (Cumene)	CT,NH,NY,ME,VA
Isopropylbenzene (Cumene)	CT,NH,NY,ME,VA
Isopropylbenzene (Cumene)	CT,NH,NY,VA
p-Isopropyltoluene (p-Cymene)	NH,NY
p-Isopropyltoluene (p-Cymene)	NH,NY
p-Isopropyltoluene (p-Cymene)	NH,NY
Methyl tert-Butyl Ether (MTBE)	NY,VA
Methyl tert-Butyl Ether (MTBE)	NY,VA
Methyl tert-Butyl Ether (MTBE)	NY,VA
Methylene Chloride	CT,NH,NY,ME,VA
Methylene Chloride	CT,NH,NY,VA
Methylene Chloride	CT,NH,NY,ME,VA
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,VA
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,VA
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,VA
Naphthalene	NH,NY,ME,VA
Naphthalene	NH,NY,VA
Naphthalene	NH,NY,ME,VA
n-Propylbenzene	NH,NY
n-Propylbenzene	NH,NY
n-Propylbenzene	NH,NY

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Soil</i>	
Styrene	CT,NH,NY,ME,VA
Styrene	CT,NH,NY,VA
Styrene	CT,NH,NY,ME,VA
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,1,2-Tetrachloroethane	CT,NH,NY,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
Tetrachloroethylene	CT,NH,NY,ME,VA
Tetrachloroethylene	CT,NH,NY,ME,VA
Tetrachloroethylene	CT,NH,NY,VA
Toluene	CT,NH,NY,ME,VA
Toluene	CT,NH,NY,ME,VA
Toluene	CT,NH,NY,VA
1,2,3-Trichlorobenzene	ME
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,2,4-Trichlorobenzene	NH,NY,VA
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NH,NY,VA
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,VA
1,2,4-Trimethylbenzene	CT,NH,NY,VA
1,2,4-Trimethylbenzene	CT,NH,NY,ME,VA
1,2,4-Trimethylbenzene	CT,NH,NY,ME,VA
1,3,5-Trimethylbenzene	CT,NH,NY,ME,VA
1,3,5-Trimethylbenzene	CT,NH,NY,VA
1,3,5-Trimethylbenzene	CT,NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,VA
Vinyl Chloride	CT,NH,NY,ME,VA
m+p Xylene	CT,NH,NY,ME,VA
m+p Xylene	CT,NH,NY,ME,VA
m+p Xylene	CT,NH,NY,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
o-Xylene	CT,NH,NY,ME,VA
o-Xylene	CT,NH,NY,VA
o-Xylene	CT,NH,NY,ME,VA
SW-846 8260C in Water	
Acetone	CT,NY,ME,NH,VA
Acrylonitrile	CT,NY,ME,NH,RI,VA
tert-Amyl Methyl Ether (TAME)	NY,ME,NH,VA
Benzene	CT,NY,ME,NH,RI,VA
Bromochloromethane	NY,ME,NH,VA
Bromodichloromethane	CT,NY,ME,NH,RI,VA
Bromoform	CT,NY,ME,NH,RI,VA
Bromomethane	CT,NY,ME,NH,RI,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,RI,VA
Chlorobenzene	CT,NY,ME,NH,RI,VA
Chlorodibromomethane	CT,NY,ME,NH,RI,VA
Chloroethane	CT,NY,ME,NH,RI,VA
Chloroform	CT,NY,ME,NH,RI,VA
Chloromethane	CT,NY,ME,NH,RI,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,RI,VA
1,3-Dichlorobenzene	CT,NY,ME,NH,RI,VA
1,4-Dichlorobenzene	CT,NY,ME,NH,RI,VA
trans-1,4-Dichloro-2-butene	NY,ME,NH,VA
Dichlorodifluoromethane (Freon 12)	NY,ME,NH,RI,VA
1,1-Dichloroethane	CT,NY,ME,NH,RI,VA
1,2-Dichloroethane	CT,NY,ME,NH,RI,VA
1,1-Dichloroethylene	CT,NY,ME,NH,RI,VA
cis-1,2-Dichloroethylene	NY,ME
trans-1,2-Dichloroethylene	CT,NY,ME,NH,RI,VA
1,2-Dichloropropane	CT,NY,ME,NH,RI,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,RI,VA
trans-1,3-Dichloropropene	CT,NY,ME,NH,RI,VA
Diisopropyl Ether (DIPE)	NY,ME,NH,VA
Ethylbenzene	CT,NY,ME,NH,RI,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Water</i>	
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
Methylene Chloride	CT,NY,ME,NH,RI,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,RI,VA
Tetrachloroethylene	CT,NY,ME,NH,RI,VA
Toluene	CT,NY,ME,NH,RI,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,RI,VA
1,1,2-Trichloroethane	CT,NY,ME,NH,RI,VA
Trichloroethylene	CT,NY,ME,NH,RI,VA
Trichlorofluoromethane (Freon 11)	CT,NY,ME,NH,RI,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,RI,VA
m+p Xylene	CT,NY,ME,NH,RI,VA
o-Xylene	CT,NY,ME,NH,RI,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 Public 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	02/5/2013
RI	Rhode Island Department of Health	LAO00112	12/30/2012
NC	North Carolina Div. of Water Quality	652	12/31/2012
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	02/23/2013
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



con-test
ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Page 1 of 2

Company Name: CDM SMITH

Telephone: (518) 782-4500

Address: 11 BRITISH AMERICAN BLVD

Project # 0897-915238

Client PO# 0897-94461

Attention: HEATHER HAUSER

Project Location: BUFFALO, NY

Sampled By: M. PASSARO & K. REEDMEYER

Project Proposal Provided? (for billing purposes)
☐ Yes ☐ No

DATA DELIVERY (check all that apply)
☐ FAX ☒ EMAIL ☐ WEBSITE

Fax #

Email: HAUSER@CDMSMITH.COM

Format

☒ PDF ☒ EXCEL ☐ GIS
☒ OTHER: NYS DEC CTR B + B2

Collection

☐ "Enhanced Data Package"

Con-Test Lab ID (Laboratory use only)	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	*Matrix Sample	Blank Sample										
01	B-26(6-8') / FIELD	12/13/12 0945	—			G	S	L									
02	B-27(3-4') / FIELD	12/11/12 1240	—			G	S	M									
03	B-22(0-4') / FIELD	12/13/12 1203	—			G	S	L									
04	B-25(5-6') / FIELD	12/13/12 1300	—			G	S	L									
05	CISTERN / FIELD	12/13/12 1630	—			G	S	H									
06	CISTERN / FIELD	12/13/12 1030	—			G	GW	H									
07	CB-2 / FIELD	12/13/12 1125	—			G	GW	U									
08	CB-1 / FIELD	12/13/12 1105	—			G	GW	U									
09	B-14 / FIELD	12/13/12 0840	—			G	GW	U									
10	FB-3 / FIELD BLANK	12/13/12 0816	—			G	U	X									

Comments:

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: 12/13/12

Turnaround ☐ 7-Day ☒ 10-Day ☐ Other

Detection Limit Requirements

Is your project MCP or RCP?

***Matrix Code:

Received by: (signature)

Date/Time: 12/13/12 08:14

☐ 24-Hr ☐ 48-Hr ☐ 72-Hr ☐ 14-Day

Connecticut:

☐ MCP Form Required ☐ RCP Form Required ☐ MA State DW Form Required

NEIAC & AIHA-LAP, LLC
Accredited

WBE/DBE Certified

Received by: (signature)

Date/Time:

☐ 24-Hr ☐ 48-Hr ☐ 72-Hr ☐ 14-Day

Other:

MA State DW Form Required

NEIAC & AIHA-LAP, LLC
Accredited

WBE/DBE Certified

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. PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT



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CHAIN OF CUSTODY RECORD

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East Longmeadow, MA 01028

Page 2 of 2

Company Name: GDM SMITH

Telephone: (518) 782-4500

Address: 11 BRITISH AMERICAN BLVD

Project # 0897-915238

Client PO# 0897-94461

Attention: HEATHER HAUER

DATA DELIVERY (check all that apply)
☐ FAX ☒ EMAIL ☐ WEBSITE

Project Location: BUFFALO, NY

Fax #

Sampled By: N. PASSARO + K. REEDMEYER

Email: HAUEHL@COMSMITH.COM

Project Proposal Provided? (for billing purposes)

☐ YES ☐ NO

Collection

☐ "Enhanced Data Package"

Con-Test Lab ID

Client Sample ID / Description

Beginning Date/Time

Ending Date/Time

Composite

Grab

*Matrix

Blank

Conc. Code

Matrix Code

TB-4 / TRIP BLANK

12/3/12

0814

X

O

U

X

TCL

VOLATILES +10

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Detailed Results	Notifications

Tracking no.: 802229483280 Select time format: [12H](#) | [24H](#) [E-mail notifications](#)

Delivered

Initiated

Picked up

In transit

Delivered

Signed for by: A.PIENKOWSKI

Shipment Dates

Ship date [?](#) Dec 13, 2012

Delivery date [?](#) Dec 14, 2012 8:14 AM

Destination

Signature Proof of Delivery [?](#)

Shipment Options [Help](#)

Hold at FedEx Location
Hold at FedEx Location service is not available for this shipment.

Shipment Facts [Help](#)

Service type	First Overnight	Delivered to	Shipping/Receiving
Weight	46.0 lbs/20.9 kg		

Shipment Travel History [Help](#)

Select time zone:

All shipment travel activity is displayed in local time for the location

Date/Time	Activity	Location	Details
Dec 14, 2012 8:14 AM	Delivered		
Dec 14, 2012 6:43 AM	On FedEx vehicle for delivery	WINDSOR LOCKS, CT	
Dec 14, 2012 6:11 AM	At local FedEx facility	WINDSOR LOCKS, CT	
Dec 14, 2012 5:30 AM	At destination sort facility	EAST GRANBY, CT	
Dec 14, 2012 4:48 AM	Departed FedEx location	NEWARK, NJ	
Dec 13, 2012 4:03 PM	Picked up	CHEEKTOWAGA, NY	Tendered at FedEx Office

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[Delivery Location: 0](#) [Closest Office: 0](#)

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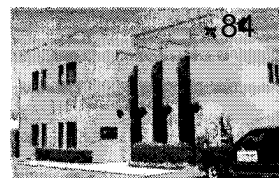
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Sample Receipt Checklist

CLIENT NAME: CDM Smith RECEIVED BY: AP DATE: 12/14/12

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

2) Does the chain agree with the samples?

If not, explain:

3) Are all the samples in good condition?

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 4.2°C

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	<u>5</u>
1 Liter Plastic		Air Cassette	
500 mL Plastic		Hg/Hopcalite Tube	
250 mL plastic		Plastic Bag / Ziploc	
40 mL Vial - type listed below	<u>33</u>	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:

40 mL vials: # HCl 18 # Methanol 5

Doc# 277 # Bisulfate 10 # DI Water _____

Rev. 3 May 2012 # Thiosulfate _____ Unpreserved

Time and Date Frozen:

VOA

VOLATILES SAMPLE DATA

1 - FORM I

ANALYSIS DATA SHEET

B-26 (6-8ft)

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: 12L0458-01 File ID: VA352019.D
 Sampled: 12/13/12 09:45 Prepared: 12/17/12 05:32 Analyzed: 12/17/12 13:01
 Solids: 83.90 Preparation: SW-846 5035 Dilution: 1
 Initial/Final: 5.05 g / 10 mL
 Batch: B064751 Sequence: S003711 Calibration: 1200210 Instrument: GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone		0.028	0.12	V-16
107-13-1	Acrylonitrile		0.0030	0.0071	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.00083	0.0012	
71-43-2	Benzene		0.00083	0.0024	
108-86-1	Bromobenzene		0.00094	0.0024	
74-97-5	Bromochloromethane		0.0017	0.0024	
75-27-4	Bromodichloromethane		0.00071	0.0024	
75-25-2	Bromoform		0.0017	0.0024	
74-83-9	Bromomethane		0.0020	0.012	
78-93-3	2-Butanone (MEK)		0.021	0.047	V-16
75-65-0	tert-Butyl Alcohol (TBA)		0.025	0.047	V-16
104-51-8	n-Butylbenzene		0.00083	0.0024	
135-98-8	sec-Butylbenzene		0.0012	0.0024	
98-06-6	tert-Butylbenzene		0.0011	0.0024	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.00071	0.0012	
75-15-0	Carbon Disulfide		0.0039	0.0071	
56-23-5	Carbon Tetrachloride		0.00094	0.0024	
108-90-7	Chlorobenzene		0.00083	0.0024	
124-48-1	Chlorodibromomethane		0.00083	0.0012	
75-00-3	Chloroethane		0.0018	0.024	
67-66-3	Chloroform		0.00083	0.0047	
74-87-3	Chloromethane		0.0011	0.012	
95-49-8	2-Chlorotoluene		0.00094	0.0024	
106-43-4	4-Chlorotoluene		0.00094	0.0024	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.0013	0.0024	V-16

1 - FORM I

ANALYSIS DATA SHEET

B-26 (6-8ft)

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458				
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners				
Matrix:	Soil	Laboratory ID:	12L0458-01	File ID:	VA352019.D		
Sampled:	12/13/12 09:45	Prepared:	12/17/12 05:32	Analyzed:	12/17/12 13:01		
Solids:	83.90	Preparation:	SW-846 5035	Dilution:	1		
Initial/Final:	5.05 g / 10 mL						
Batch:	B064751	Sequence:	S003711	Calibration:	1200210	Instrument:	GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.0012	0.0012	
74-95-3	Dibromomethane		0.00071	0.0024	
95-50-1	1,2-Dichlorobenzene		0.00083	0.0024	
541-73-1	1,3-Dichlorobenzene		0.00083	0.0024	
106-46-7	1,4-Dichlorobenzene		0.00094	0.0024	
110-57-6	trans-1,4-Dichloro-2-butene		0.0014	0.0047	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.0015	0.024	
75-34-3	1,1-Dichloroethane		0.00083	0.0024	
107-06-2	1,2-Dichloroethane		0.0015	0.0024	
75-35-4	1,1-Dichloroethylene		0.0013	0.0047	
156-59-2	cis-1,2-Dichloroethylene		0.00094	0.0024	
156-60-5	trans-1,2-Dichloroethylene		0.0011	0.0024	
78-87-5	1,2-Dichloropropane		0.0015	0.0024	
142-28-9	1,3-Dichloropropane		0.00083	0.0012	
594-20-7	2,2-Dichloropropane		0.0011	0.0024	
563-58-6	1,1-Dichloropropene		0.0011	0.0024	
10061-01-5	cis-1,3-Dichloropropene		0.00083	0.0012	
10061-02-6	trans-1,3-Dichloropropene		0.00083	0.0012	
60-29-7	Diethyl Ether		0.0021	0.024	
108-20-3	Diisopropyl Ether (DIPE)		0.00071	0.0012	
123-91-1	1,4-Dioxane		0.068	0.12	V-16
100-41-4	Ethylbenzene		0.00094	0.0024	
87-68-3	Hexachlorobutadiene		0.0012	0.0024	
591-78-6	2-Hexanone (MBK)		0.013	0.024	
98-82-8	Isopropylbenzene (Cumene)		0.00083	0.0024	

1 - FORM I

ANALYSIS DATA SHEET

B-26 (6-8ft)

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458				
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners				
Matrix:	Soil	Laboratory ID:	12L0458-01	File ID:	VA352019.D		
Sampled:	12/13/12 09:45	Prepared:	12/17/12 05:32	Analyzed:	12/17/12 13:01		
Solids:	83.90	Preparation:	SW-846 5035	Dilution:	1		
Initial/Final:	5.05 g / 10 mL						
Batch:	B064751	Sequence:	S003711	Calibration:	1200210	Instrument:	GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.00094	0.0024	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.0011	0.0047	
75-09-2	Methylene Chloride		0.0084	0.024	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0090	0.024	
91-20-3	Naphthalene		0.00083	0.0047	V-05
103-65-1	n-Propylbenzene		0.00083	0.0024	
100-42-5	Styrene		0.00071	0.0024	
630-20-6	1,1,1,2-Tetrachloroethane		0.0011	0.0024	
79-34-5	1,1,2,2-Tetrachloroethane		0.0011	0.0012	
127-18-4	Tetrachloroethylene		0.0015	0.0024	
109-99-9	Tetrahydrofuran		0.0026	0.012	V-16
108-88-3	Toluene		0.00094	0.0024	
87-61-6	1,2,3-Trichlorobenzene		0.00071	0.0024	
120-82-1	1,2,4-Trichlorobenzene		0.00094	0.0024	
108-70-3	1,3,5-Trichlorobenzene		0.00083	0.0024	
71-55-6	1,1,1-Trichloroethane		0.0012	0.0024	
79-00-5	1,1,2-Trichloroethane		0.0014	0.0024	
79-01-6	Trichloroethylene		0.0011	0.0024	
75-69-4	Trichlorofluoromethane (Freon 11)		0.0013	0.012	
96-18-4	1,2,3-Trichloropropane		0.0013	0.0024	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		0.0011	0.012	
95-63-6	1,2,4-Trimethylbenzene		0.00094	0.0024	
108-67-8	1,3,5-Trimethylbenzene		0.00071	0.0024	
75-01-4	Vinyl Chloride		0.0013	0.012	
108383/106423	m+p Xylene		0.0020	0.0047	

1 - FORM I

ANALYSIS DATA SHEET

B-26 (6-8ft)

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458				
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners				
Matrix:	Soil	Laboratory ID:	12L0458-01	File ID:	VA352019.D		
Sampled:	12/13/12 09:45	Prepared:	12/17/12 05:32	Analyzed:	12/17/12 13:01		
Solids:	83.90	Preparation:	SW-846 5035	Dilution:	1		
Initial/Final:	5.05 g / 10 mL						
Batch:	B064751	Sequence:	S003711	Calibration:	1200210	Instrument:	GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
95-47-6	o-Xylene		0.00083	0.0024	

CAS NO.	TENTATIVELY IDENTIFIED COMPOUNDS	CONC. (mg/Kg dry)	Q
110-54-3	Hexane	0.011	

Data File : V:\DATA\121712\VA352019.D
 Acq On : 17 Dec 2012 1:01 pm
 Sample : 12L0458-01
 InstName : GCMSVOA1
 Misc :
 Quant Time: Dec 17 14:34:24 2012

Vial: 19
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

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Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 13:10:19 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.842	168	842736	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.521	114	1272530	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.052	117	1175753	30.00	UG/L	0.00
86) 1,4-DICHLOROBENZENE-D4...	9.011	152	615858	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.095	65	300089	25.84	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	103.36%	
48) TOLUENE SS	5.828	98	1278372	24.94	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	99.76%	
69) 4-BROMOFLUROBENZENE SS	8.046	95	449980	23.72	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	94.88%	
Target Compounds						Qvalue
12) ACETONE	1.847	58	5291	7.308	UG/L	98
21) METHYLENE CHLORIDE	2.139	49	69012	1.237	UG/L	98
40) CYCLOHEXANE	3.839	56	18599	Below Cal	#	30
44) BENZENE	4.148	78	14066	0.281	UG/L	100
47) METHYLCYCLOHEXANE	4.913	83	7137	0.334	UG/L	# 61
59) TOLUENE	5.884	92	19422	0.522	UG/L	99
73) M/P-XYLENES	7.283	106	10004	0.371	UG/L	98

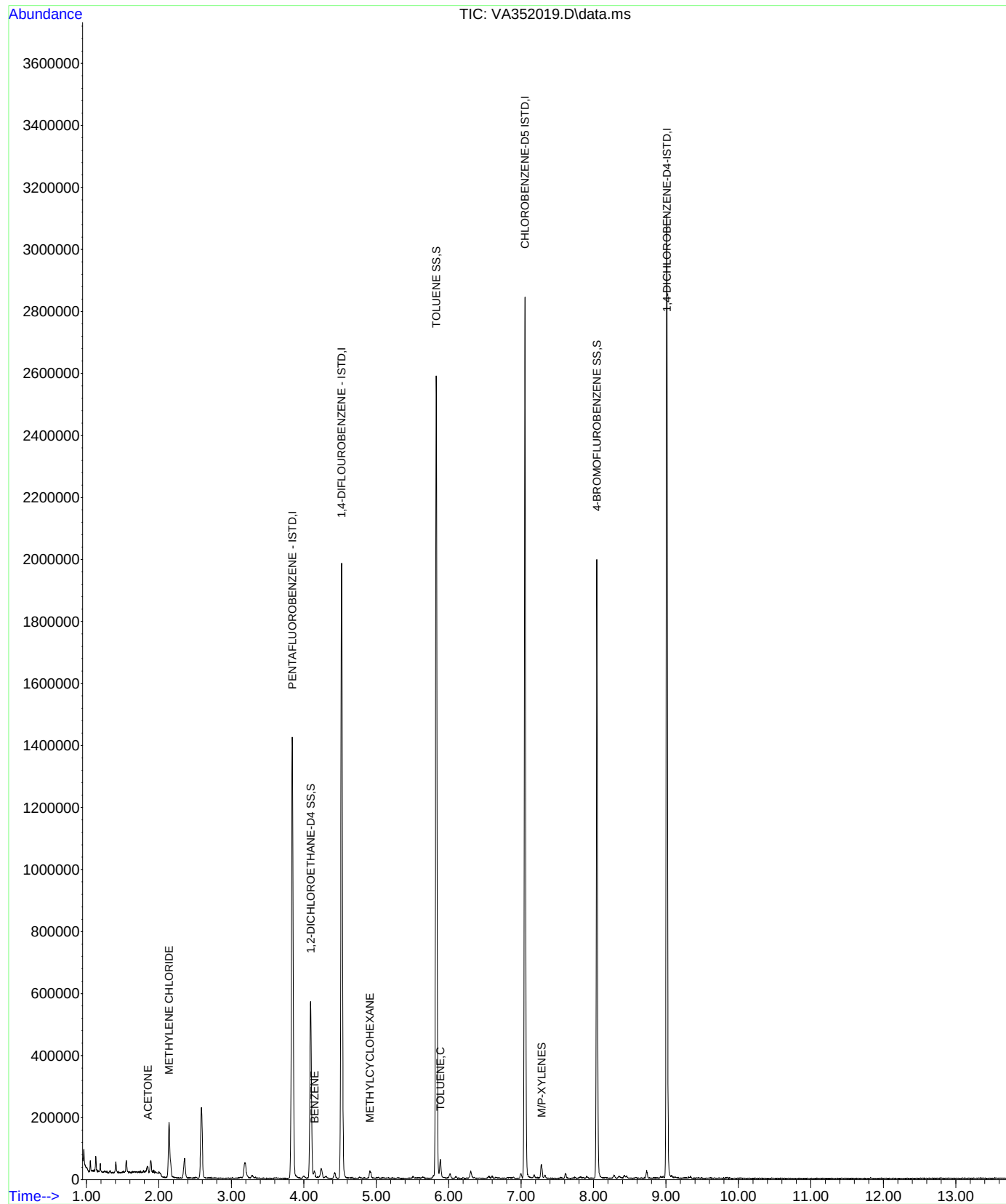
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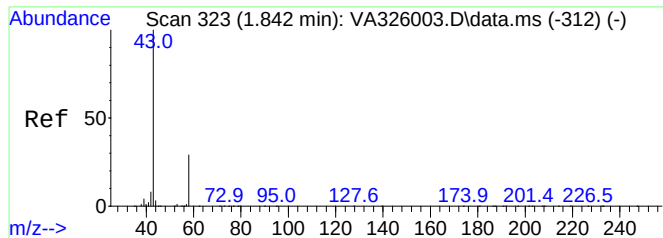
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Acq On : 17 Dec 2012 1:01 pm
Sample : 12L0458-01
InstName : GCMSV0A1
Misc :
Quant Time: Dec 17 14:34:24 2012

Vial: 19
Operator: MFF
Inst : GCMSV0A1
Multiplr: 1.00

92

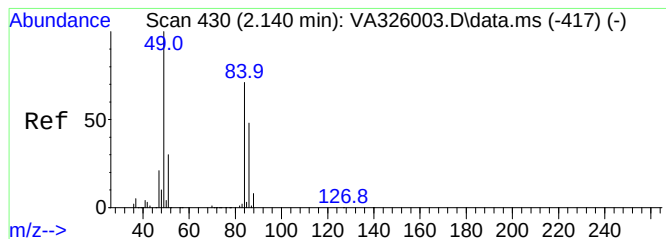
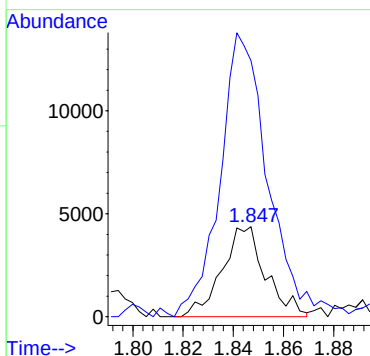
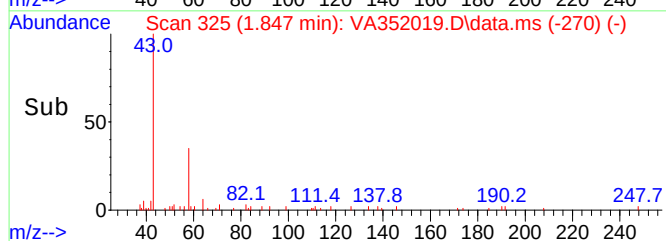
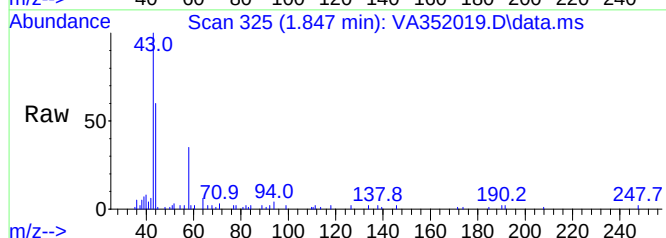
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QLast Update : Mon Nov 12 13:10:19 2012
Response via : Initial Calibration
DataAcq Meth:821205S8





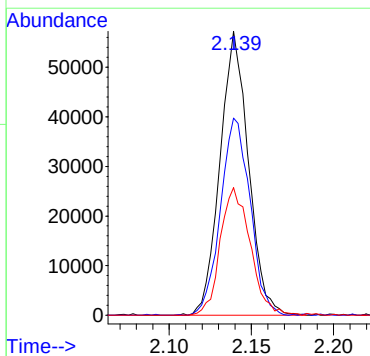
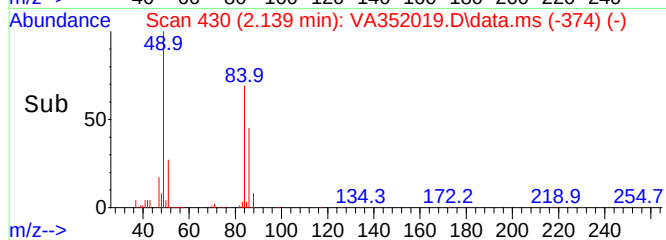
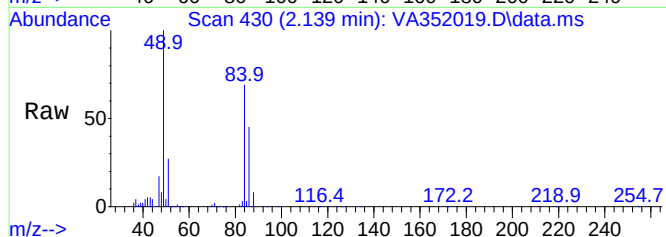
#12
ACETONE
Concen: 7.31 UG/L
RT: 1.847 min Scan# 325
Delta R.T. 0.005 min
Lab File: VA352019.D
Acq: 17 Dec 2012 1:01 pm

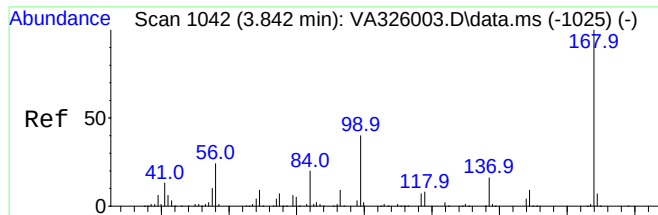
Tgt Ion: 58 Resp: 5291
Ion Ratio Lower Upper
58 100
43 346.4 273.3 409.9



#21
METHYLENE CHLORIDE
Concen: 1.24 UG/L
RT: 2.139 min Scan# 430
Delta R.T. 0.001 min
Lab File: VA352019.D
Acq: 17 Dec 2012 1:01 pm

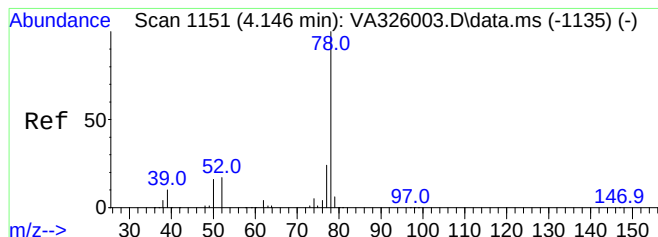
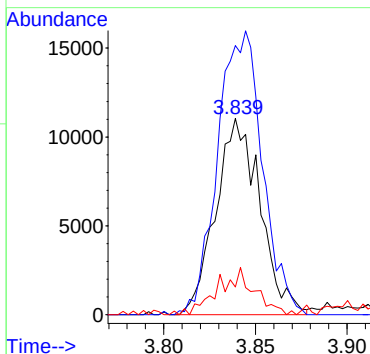
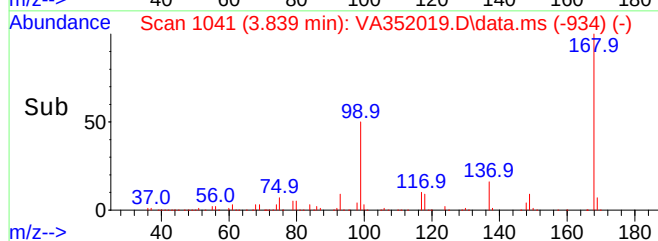
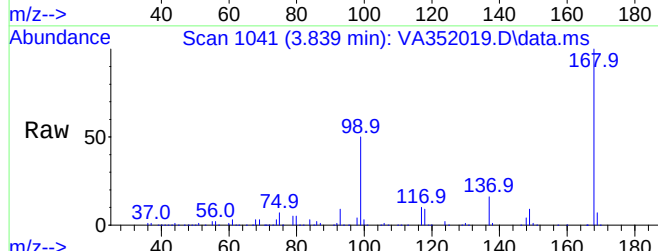
Tgt Ion: 49 Resp: 69012
Ion Ratio Lower Upper
49 100
84 72.4 55.8 83.8
86 47.4 37.3 55.9





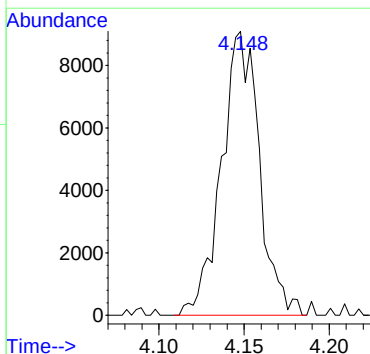
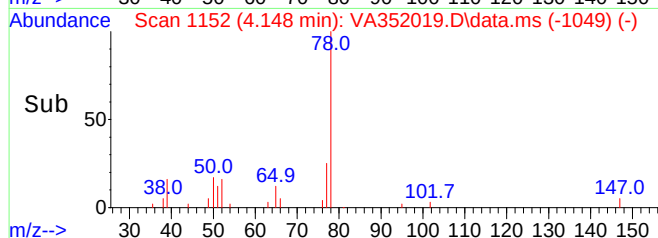
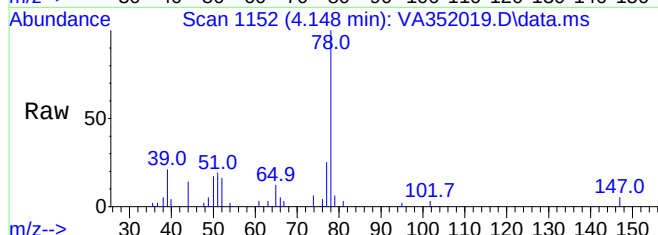
#40
CYCLOHEXANE
Concen: Below Cal
RT: 3.839 min Scan# 1041
Delta R.T. -0.001 min
Lab File: VA352019.D
Acq: 17 Dec 2012 1:01 pm

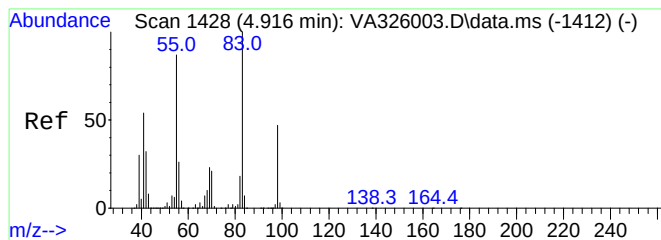
Tgt Ion	Ratio	Lower	Upper
56	100		
84	145.5	64.5	96.7#
41	9.0	44.6	67.0#



#44
BENZENE
Concen: 0.28 UG/L
RT: 4.148 min Scan# 1152
Delta R.T. 0.001 min
Lab File: VA352019.D
Acq: 17 Dec 2012 1:01 pm

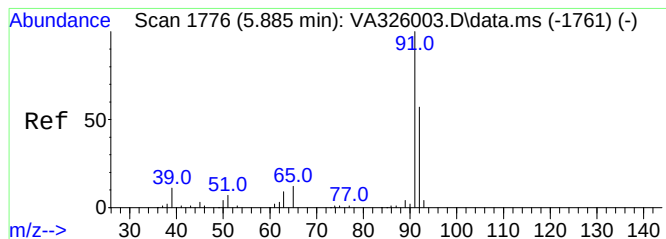
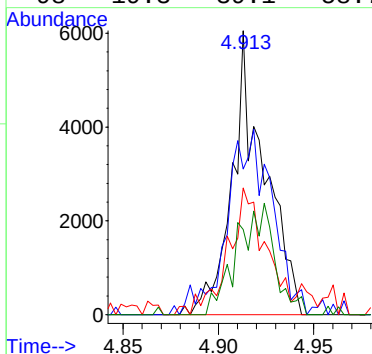
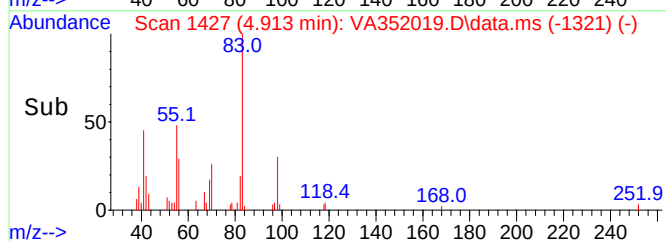
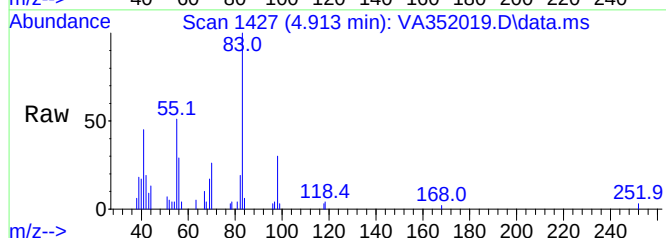
Tgt Ion: 78 Resp: 14066





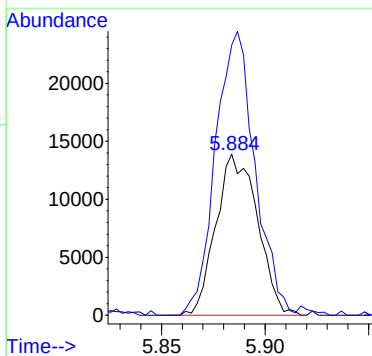
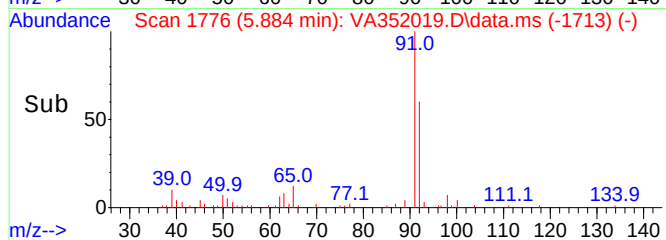
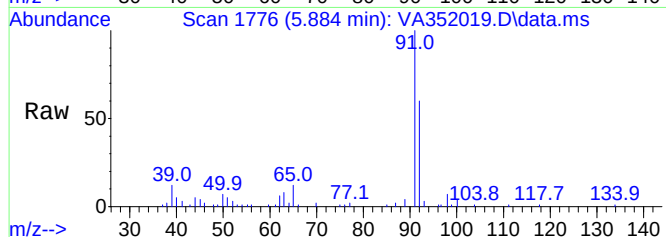
#47
METHYLCYCLOHEXANE
Concen: 0.33 UG/L
RT: 4.913 min Scan# 1427
Delta R.T. -0.004 min
Lab File: VA352019.D
Acq: 17 Dec 2012 1:01 pm

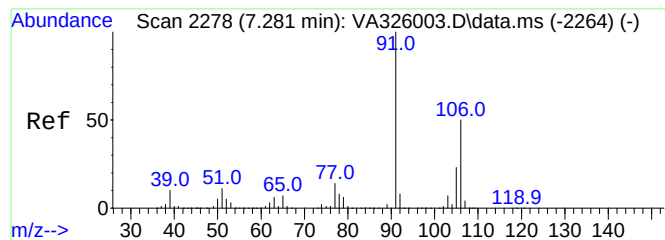
Tgt Ion: 83 Resp: 7137
Ion Ratio Lower Upper
83 100
55 31.1 68.9 103.3#
41 52.1 41.3 61.9
98 19.3 39.1 58.7#



#59
TOLUENE
Concen: 0.52 UG/L
RT: 5.884 min Scan# 1776
Delta R.T. -0.001 min
Lab File: VA352019.D
Acq: 17 Dec 2012 1:01 pm

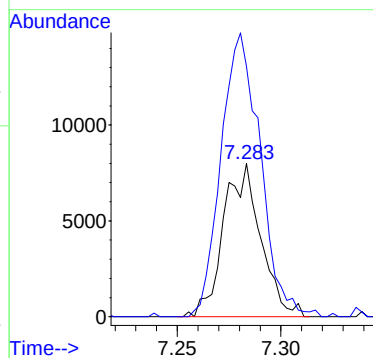
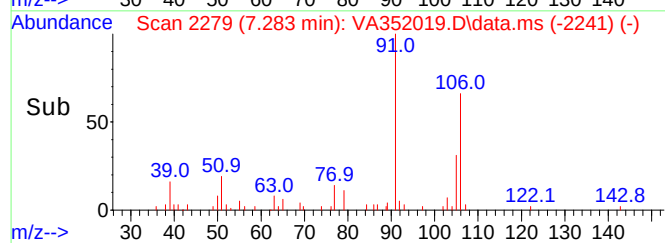
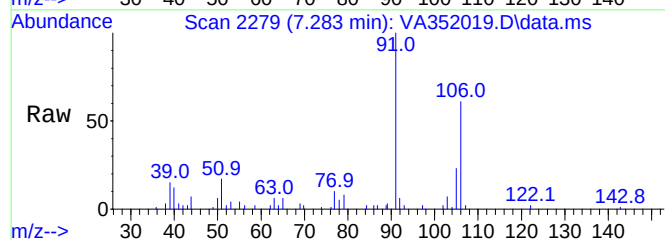
Tgt Ion: 92 Resp: 19422
Ion Ratio Lower Upper
92 100
91 166.8 134.0 201.0





#73
M/P-XYLENES
Concen: 0.37 UG/L
RT: 7.283 min Scan# 2279
Delta R.T. 0.002 min
Lab File: VA352019.D
Acq: 17 Dec 2012 1:01 pm

Tgt Ion:106 Resp: 10004
Ion Ratio Lower Upper
106 100
91 195.0 158.6 237.8



Data Path : V:\DATA\121712\
 Data File : VA352019.D
 Acq On : 17 Dec 2012 1:01 pm
 Operator : MFF
 Sample : 12L0458-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Integration Parameters: rteint.p

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Title : 8260 SOIL CALIBRATION (FRONT)

Signal : TIC: VA352019.D\data.ms

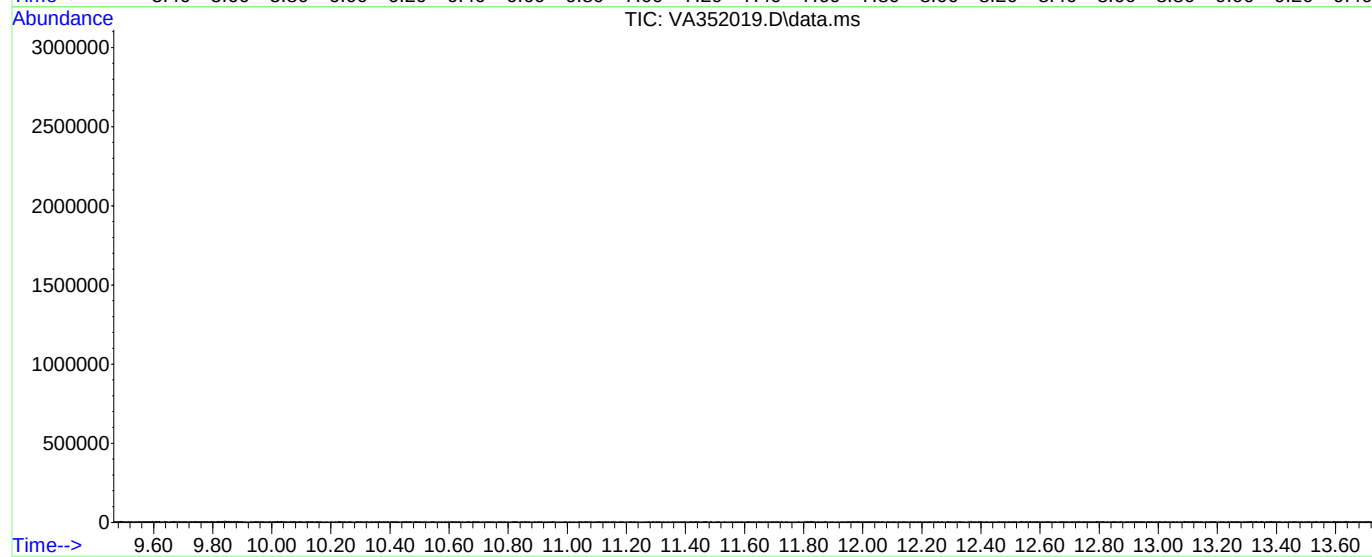
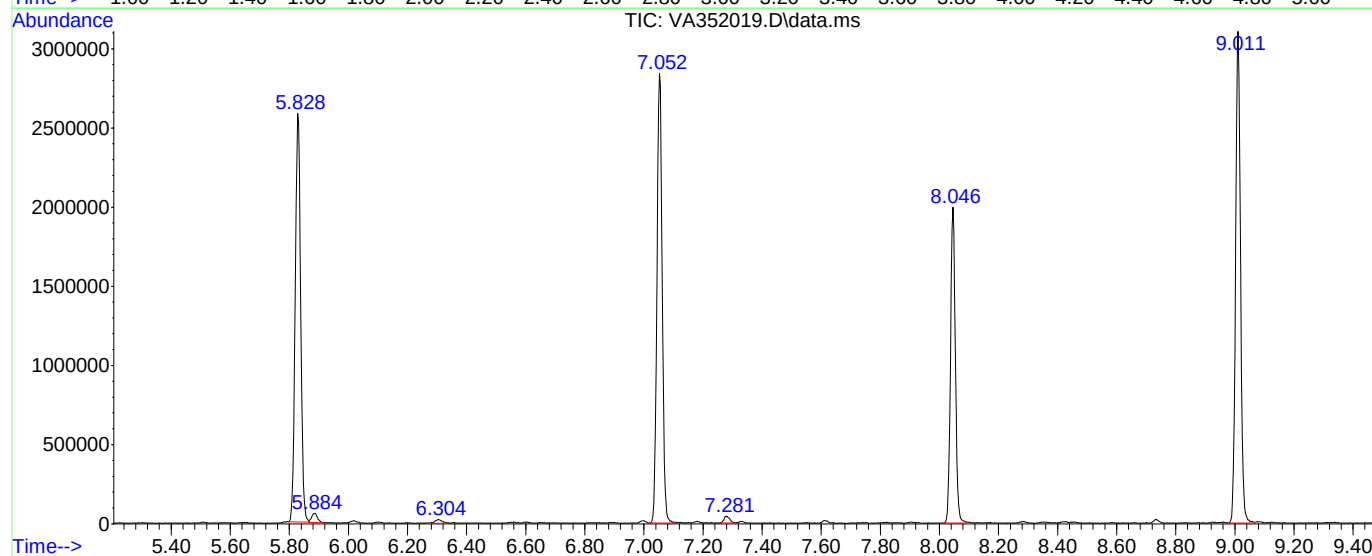
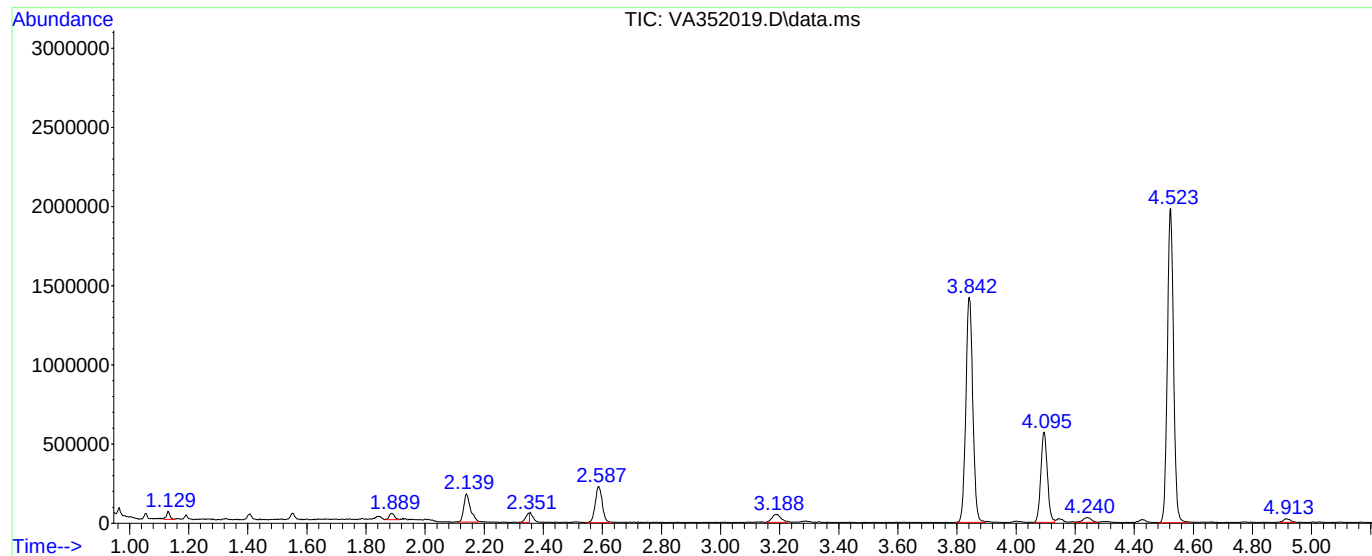
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.129	62	67	75	rVB3	51124	40244	1.12%	0.202%
2	1.889	333	340	349	rVB3	39915	48469	1.35%	0.243%
3	2.139	420	430	445	rBV3	177462	279119	7.76%	1.401%
4	2.351	496	506	507	rBV2	58820	55436	1.54%	0.278%
5	2.587	575	591	606	rBV2	229004	372096	10.34%	1.868%
6	3.188	794	807	821	rBV7	50503	107267	2.98%	0.538%
7	3.842	1026	1042	1062	rBV2	1421839	2323490	64.56%	11.662%
8	4.095	1121	1133	1146	rBV2	570079	878519	24.41%	4.410%
9	4.240	1170	1185	1197	rVB2	31055	59439	1.65%	0.298%
10	4.523	1272	1287	1310	rBV	1983896	2881890	80.08%	14.465%
11	4.913	1420	1427	1439	rVB3	24255	37514	1.04%	0.188%
12	5.828	1745	1756	1770	rBV	2579903	3319308	92.23%	16.661%
13	5.884	1770	1776	1787	rVB2	57750	78494	2.18%	0.394%
14	6.304	1913	1927	1934	rBV3	24489	37165	1.03%	0.187%
15	7.052	2184	2196	2214	rBV	2842163	3479351	96.68%	17.464%
16	7.281	2269	2278	2287	rBV3	43174	57066	1.59%	0.286%
17	8.046	2540	2553	2570	rBV	1995645	2269032	63.05%	11.389%
18	9.011	2888	2900	2921	rBV	3105228	3598979	100.00%	18.065%

Sum of corrected areas: 19922878

Data Path : V:\DATA\121712\
Data File : VA352019.D
Acq On : 17 Dec 2012 1:01 pm
Operator : MFF
Sample : 12L0458-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)

TIC Library : C:\Database\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : V:\DATA\121712\
Data File : VA352019.D
Acq On : 17 Dec 2012 1:01 pm
Operator : MFF
Sample : 12L0458-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

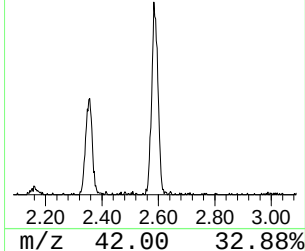
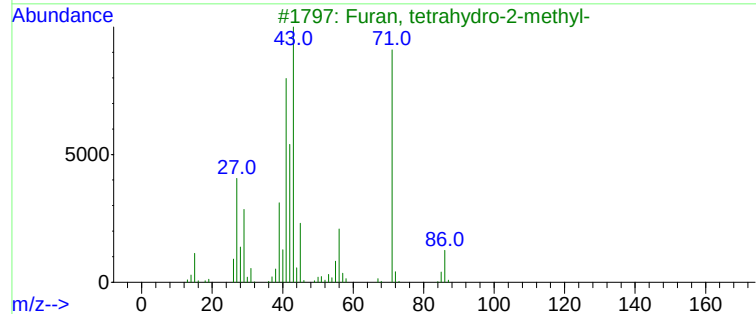
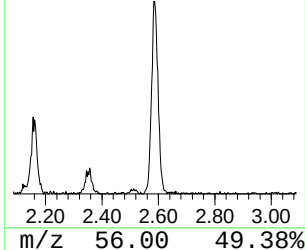
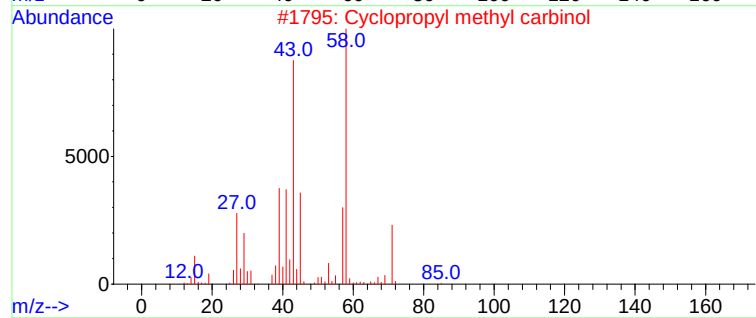
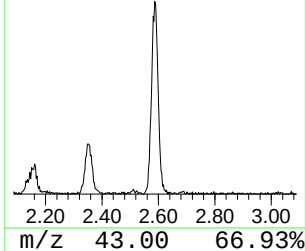
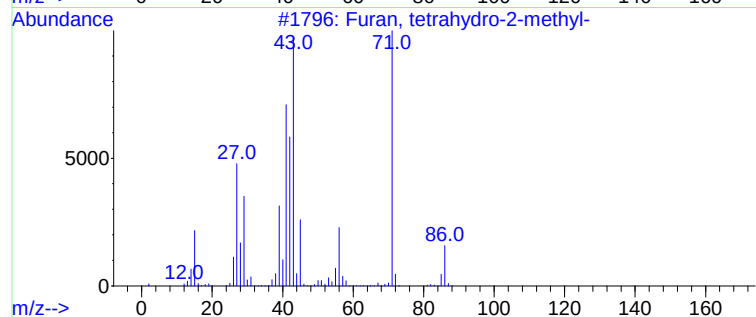
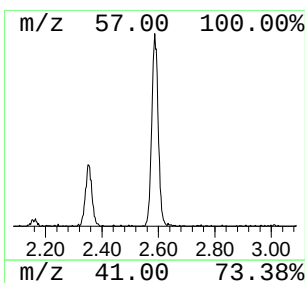
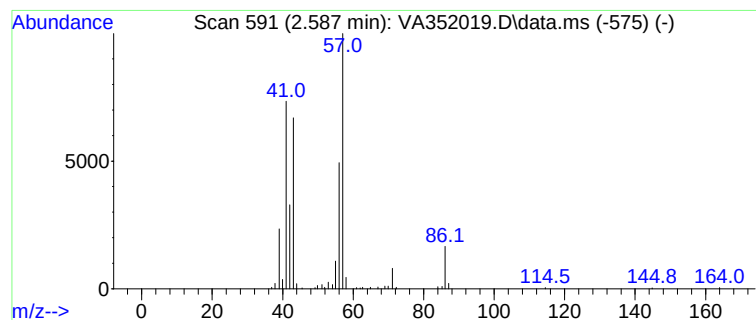
Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)

TIC Library : C:\Database\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Hexane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.587	4.80 UG/L	372096	PENTAFLUOROBENZENE - ISTD	3.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane			86	C6H14	000110-54-3	91
2	Hexane			86	C6H14	000110-54-3	91
3	Hexane			86	C6H14	000110-54-3	91
4	1-Pentene, 4-methyl-			84	C6H12	000691-37-2	40
5	2(3H)-Furanone, dihydro-3-methyl-			100	C5H8O2	001679-47-6	40



Data Path : V:\DATA\121712\
Data File : VA352019.D
Acq On : 17 Dec 2012 1:01 pm
Operator : MFF
Sample : 12L0458-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)

TIC Library : C:\Database\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexane	2.587	4.8	UG/L	372096	1	3.842	2323490	30.0

1 - FORM I

ANALYSIS DATA SHEET

B-27 (3-4ft)

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: 12L0458-02 File ID: VA352020.D
 Sampled: 12/13/12 12:40 Prepared: 12/17/12 05:32 Analyzed: 12/17/12 13:28
 Solids: 51.80 Preparation: SW-846 5035 Dilution: 1
 Initial/Final: 4.93 g / 10 mL
 Batch: B064751 Sequence: S003711 Calibration: 1200210 Instrument: GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone	0.27	0.046	0.20	V-16
107-13-1	Acrylonitrile		0.0049	0.012	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.0014	0.0020	
71-43-2	Benzene		0.0014	0.0039	
108-86-1	Bromobenzene		0.0016	0.0039	
74-97-5	Bromochloromethane		0.0027	0.0039	
75-27-4	Bromodichloromethane		0.0012	0.0039	
75-25-2	Bromoform		0.0027	0.0039	
74-83-9	Bromomethane		0.0033	0.020	
78-93-3	2-Butanone (MEK)		0.034	0.078	V-16
75-65-0	tert-Butyl Alcohol (TBA)		0.041	0.078	V-16
104-51-8	n-Butylbenzene	0.036	0.0014	0.0039	
135-98-8	sec-Butylbenzene	0.031	0.0020	0.0039	
98-06-6	tert-Butylbenzene		0.0018	0.0039	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.0012	0.0020	
75-15-0	Carbon Disulfide		0.0065	0.012	
56-23-5	Carbon Tetrachloride		0.0016	0.0039	
108-90-7	Chlorobenzene		0.0014	0.0039	
124-48-1	Chlorodibromomethane		0.0014	0.0020	
75-00-3	Chloroethane		0.0029	0.039	
67-66-3	Chloroform		0.0014	0.0078	
74-87-3	Chloromethane		0.0018	0.020	
95-49-8	2-Chlorotoluene		0.0016	0.0039	
106-43-4	4-Chlorotoluene		0.0016	0.0039	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.0022	0.0039	V-16

1 - FORM I

ANALYSIS DATA SHEET

B-27 (3-4ft)

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458				
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners				
Matrix:	Soil	Laboratory ID:	12L0458-02	File ID:	VA352020.D		
Sampled:	12/13/12 12:40	Prepared:	12/17/12 05:32	Analyzed:	12/17/12 13:28		
Solids:	51.80	Preparation:	SW-846 5035	Dilution:	1		
Initial/Final:	4.93 g / 10 mL						
Batch:	B064751	Sequence:	S003711	Calibration:	1200210	Instrument:	GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.0020	0.0020	
74-95-3	Dibromomethane		0.0012	0.0039	
95-50-1	1,2-Dichlorobenzene		0.0014	0.0039	
541-73-1	1,3-Dichlorobenzene		0.0014	0.0039	
106-46-7	1,4-Dichlorobenzene		0.0016	0.0039	
110-57-6	trans-1,4-Dichloro-2-butene		0.0023	0.0078	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.0025	0.039	
75-34-3	1,1-Dichloroethane		0.0014	0.0039	
107-06-2	1,2-Dichloroethane		0.0025	0.0039	
75-35-4	1,1-Dichloroethylene		0.0022	0.0078	
156-59-2	cis-1,2-Dichloroethylene	64	0.27	5.3	
156-60-5	trans-1,2-Dichloroethylene	0.058	0.0018	0.0039	
78-87-5	1,2-Dichloropropane		0.0025	0.0039	
142-28-9	1,3-Dichloropropane		0.0014	0.0020	
594-20-7	2,2-Dichloropropane		0.0018	0.0039	
563-58-6	1,1-Dichloropropene		0.0018	0.0039	
10061-01-5	cis-1,3-Dichloropropene		0.0014	0.0020	
10061-02-6	trans-1,3-Dichloropropene		0.0014	0.0020	
60-29-7	Diethyl Ether		0.0035	0.039	
108-20-3	Diisopropyl Ether (DIPE)		0.0012	0.0020	
123-91-1	1,4-Dioxane		0.11	0.20	V-16
100-41-4	Ethylbenzene		0.0016	0.0039	
87-68-3	Hexachlorobutadiene		0.0020	0.0039	
591-78-6	2-Hexanone (MBK)		0.021	0.039	
98-82-8	Isopropylbenzene (Cumene)	0.0054	0.0014	0.0039	

1 - FORM I

ANALYSIS DATA SHEET

B-27 (3-4ft)

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: 12L0458-02 File ID: VA352020.D
 Sampled: 12/13/12 12:40 Prepared: 12/17/12 05:32 Analyzed: 12/17/12 13:28
 Solids: 51.80 Preparation: SW-846 5035 Dilution: 1
 Initial/Final: 4.93 g / 10 mL
 Batch: B064751 Sequence: S003711 Calibration: 1200210 Instrument: GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)	0.035	0.0016	0.0039	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.0018	0.0078	
75-09-2	Methylene Chloride		0.014	0.039	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.015	0.039	
91-20-3	Naphthalene		0.0014	0.0078	V-05
103-65-1	n-Propylbenzene	0.0081	0.0014	0.0039	
100-42-5	Styrene		0.0012	0.0039	
630-20-6	1,1,1,2-Tetrachloroethane		0.0018	0.0039	
79-34-5	1,1,2,2-Tetrachloroethane		0.0018	0.0020	
127-18-4	Tetrachloroethylene	0.021	0.0025	0.0039	
109-99-9	Tetrahydrofuran		0.0043	0.020	V-16
108-88-3	Toluene		0.0016	0.0039	
87-61-6	1,2,3-Trichlorobenzene		0.0012	0.0039	
120-82-1	1,2,4-Trichlorobenzene		0.0016	0.0039	
108-70-3	1,3,5-Trichlorobenzene		0.0014	0.0039	
71-55-6	1,1,1-Trichloroethane		0.0020	0.0039	
79-00-5	1,1,2-Trichloroethane		0.0023	0.0039	
79-01-6	Trichloroethylene		0.0018	0.0039	
75-69-4	Trichlorofluoromethane (Freon 11)		0.0022	0.020	
96-18-4	1,2,3-Trichloropropane		0.0022	0.0039	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		0.0018	0.020	
95-63-6	1,2,4-Trimethylbenzene	0.14	0.0016	0.0039	
108-67-8	1,3,5-Trimethylbenzene	0.057	0.0012	0.0039	
75-01-4	Vinyl Chloride	0.096	0.0022	0.020	
108383/106423	m+p Xylene		0.0033	0.0078	

1 - FORM I

ANALYSIS DATA SHEET

B-27 (3-4ft)

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458				
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners				
Matrix:	Soil	Laboratory ID:	12L0458-02	File ID:	VA352020.D		
Sampled:	12/13/12 12:40	Prepared:	12/17/12 05:32	Analyzed:	12/17/12 13:28		
Solids:	51.80	Preparation:	SW-846 5035	Dilution:	1		
Initial/Final:	4.93 g / 10 mL						
Batch:	B064751	Sequence:	S003711	Calibration:	1200210	Instrument:	GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
95-47-6	o-Xylene	0.0051	0.0014	0.0039	

CAS NO.	TENTATIVELY IDENTIFIED COMPOUNDS	CONC. (mg/Kg dry)	Q
000488-23-3	Benzene, 1,2,3,4-tetramethyl- (01)	0.059	
000488-23-3	Benzene, 1,2,3,4-tetramethyl- (02)	0.037	
000526-73-8	Benzene, 1,2,3-trimethyl-	0.15	
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	0.11	
000135-01-3	Benzene, 1,2-diethyl-	0.046	
002050-24-0	Benzene, 1,3-diethyl-5-methyl- (01)	0.065	
002050-24-0	Benzene, 1,3-diethyl-5-methyl- (02)	0.036	
007525-62-4	Benzene, 1-ethenyl-3-ethyl-	0.042	
000611-14-3	Benzene, 1-ethyl-2-methyl- (01)	0.051	
000611-14-3	Benzene, 1-ethyl-2-methyl- (02)	0.080	
000527-84-4	Benzene, 1-methyl-2-(1-meth...	0.059	
001074-55-1	Benzene, 1-methyl-4-propyl- (01)	0.056	
001074-55-1	Benzene, 1-methyl-4-propyl- (02)	0.057	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl- (01)	0.037	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl- (02)	0.065	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl- (03)	0.11	
001678-92-8	Cyclohexane, propyl-	0.037	

Data File : V:\DATA\121712\VA352020.D
 Acq On : 17 Dec 2012 1:28 pm
 Sample : 12L0458-02
 InstName : GCMSVOA1
 Misc :
 Quant Time: Dec 17 14:38:19 2012

Vial: 20
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

105

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 13:10:19 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.840	168	819086	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.522	114	1241151	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.053	117	1104113	30.00	UG/L	0.00
86) 1,4-DICHLOROETHANE-D4...	9.012	152	600613	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.093	65	284214	25.18	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	100.72%	
48) TOLUENE SS	5.829	98	1214305	24.29	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	97.16%	
69) 4-BROMOFLUROBENZENE SS	8.047	95	423572	23.77	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	95.08%	
Target Compounds						
						Qvalue
6) VINYL CHLORIDE	1.133	62	428507	24.386	UG/L	99
12) ACETONE	1.842	58	49236	69.966	UG/L	94
14) 1,1-DICHLOROETHENE	1.812	96	3333	0.231	UG/L	97
21) METHYLENE CHLORIDE	2.137	49	69277	1.373	UG/L	99
22) CARBON DISULFIDE	1.962	76	10260	0.243	UG/L	# 93
24) TRANS 1,2-DICHLOROETHENE	2.351	96	186030	14.706	UG/L	99
25) 1,1-DICHLOROETHANE	2.708	63	5266	0.244	UG/L	# 80
31) CIS-1,2-DICHLOROETHENE	3.297	96	4781288	372.279	UG/L	86
40) CYCLOHEXANE	3.840	56	15711	Below	Cal	# 22
50) TRICHLOROETHENE	4.752	95	13130	0.936	UG/L	96
64) TETRACHLOROETHENE	6.352	164	66131	5.341	UG/L	99
73) M/P-XYLENES	7.284	106	11643	0.460	UG/L	97
74) O-XYLENE	7.612	106	32587	1.309	UG/L	100
77) ISOPROPYL BENZENE	7.927	105	88801	1.367	UG/L	100
82) N-PROPYLBENZENE	8.272	91	160245	2.064	UG/L	98
84) 1,3,5-TRIMETHYLBENZENE	8.425	105	835688	14.572	UG/L	100
87) TERT-BUTYLBENZENE	8.692	119	40548	0.988	UG/L	98
88) 1,2,4-TRIMETHYLBENZENE	8.734	105	1643523	35.099	UG/L	99
89) SEC-BUTYLBENZENE	8.876	105	502988	7.948	UG/L	98
91) P-ISOPROPYLTOLUENE	9.004	119	451333	8.842	UG/L	99
92) 1,4-DICHLOROETHENE	9.031	146	9103	0.330	UG/L	# 32
93) N-BUTYLBENZENE	9.337	91	463007	9.224	UG/L	# 24

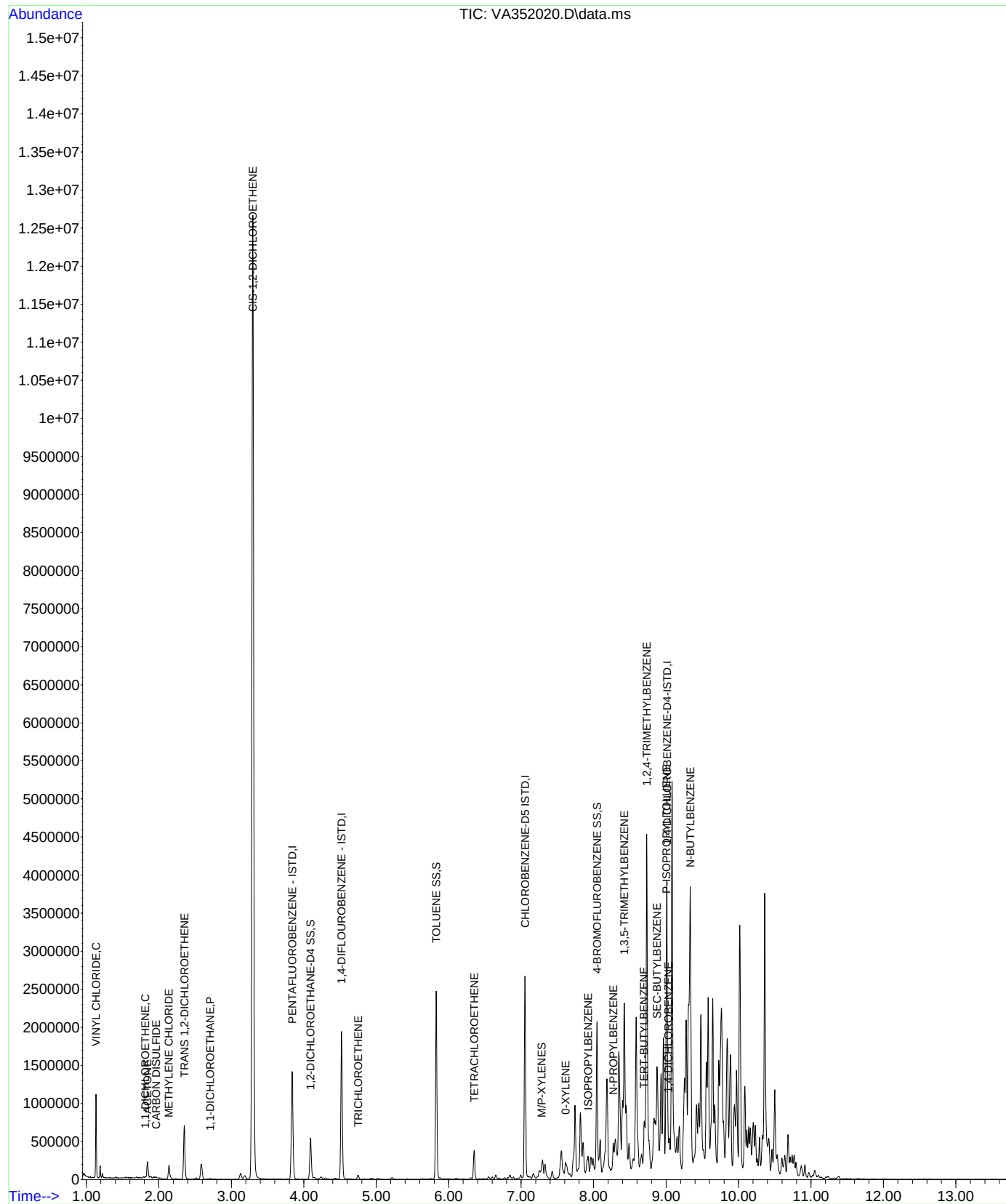
(#) = qualifier out of range (m) = manual integration (+) = signals summed

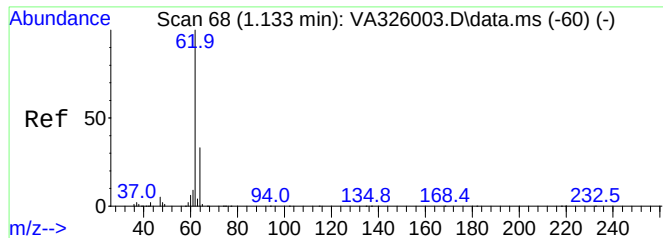
Data File : V:\DATA\121712\VA352020.D
Acq On : 17 Dec 2012 1:28 pm
Sample : 12L0458-02
InstName : GCMSV0A1
Misc :
Quant Time: Dec 17 14:38:19 2012

Vial: 20
Operator: MFF
Inst : GCMSV0A1
Multiplr: 1.00

106

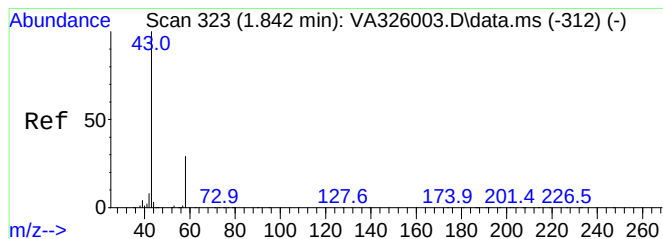
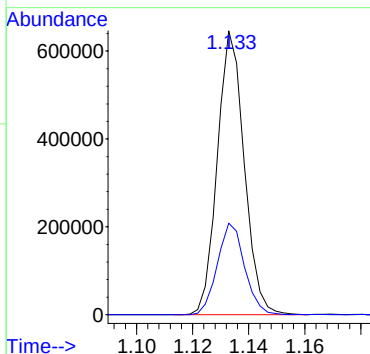
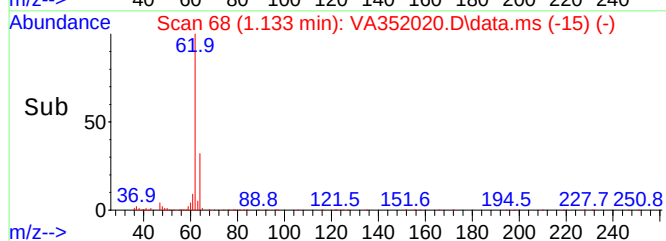
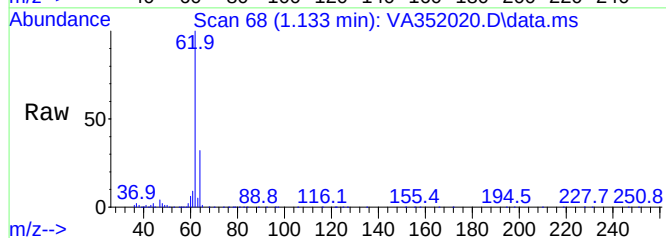
Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Mon Nov 12 13:10:19 2012
Response via : Initial Calibration
DataAcq Meth:821205S8





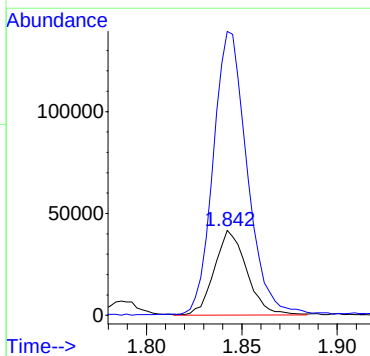
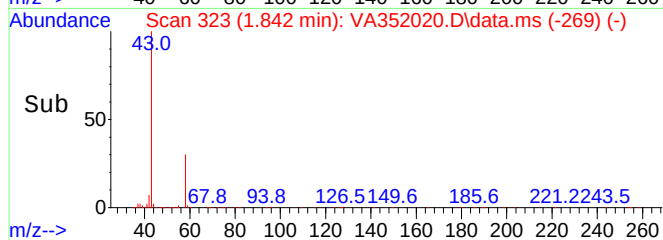
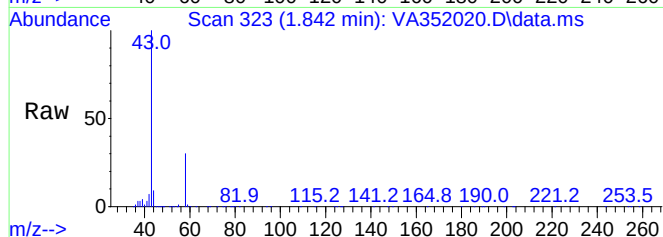
#6
VINYL CHLORIDE
Concen: 24.39 UG/L
RT: 1.133 min Scan# 68
Delta R.T. -0.000 min
Lab File: VA352020.D
Acq: 17 Dec 2012 1:28 pm

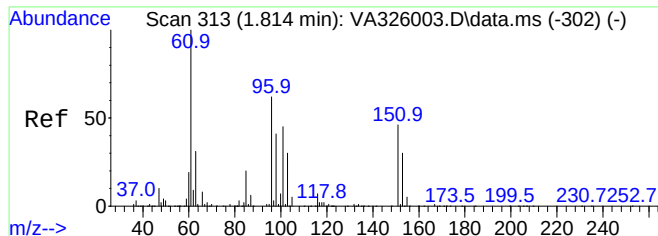
Tgt Ion: 62 Resp: 428507
Ion Ratio Lower Upper
62 100
64 32.8 25.8 38.6



#12
ACETONE
Concen: 69.97 UG/L
RT: 1.842 min Scan# 323
Delta R.T. 0.000 min
Lab File: VA352020.D
Acq: 17 Dec 2012 1:28 pm

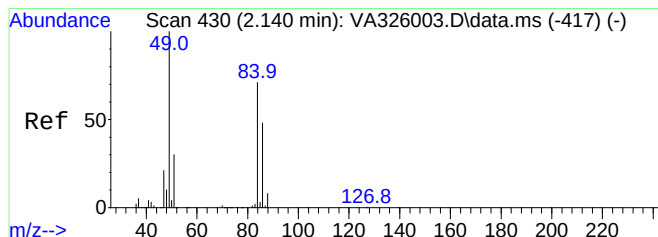
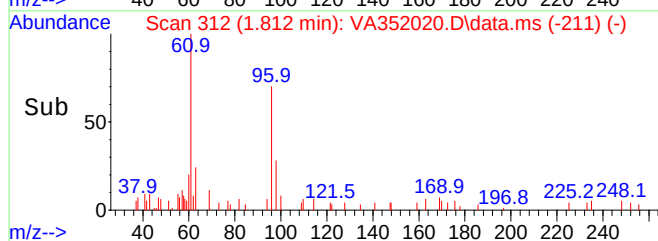
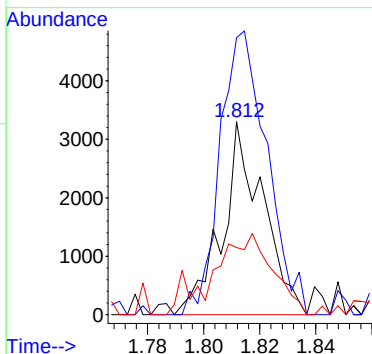
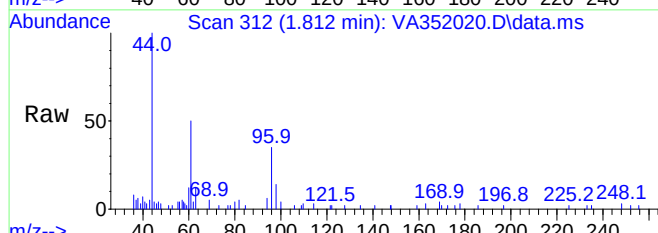
Tgt Ion: 58 Resp: 49236
Ion Ratio Lower Upper
58 100
43 354.1 273.3 409.9





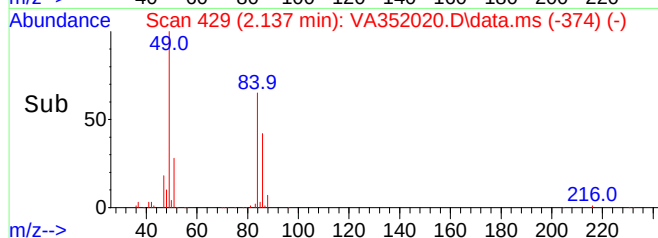
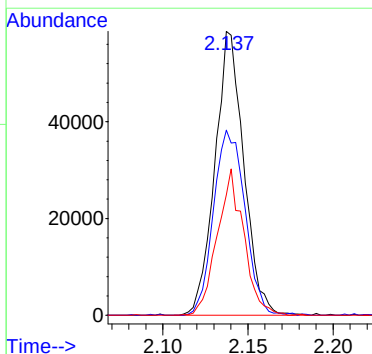
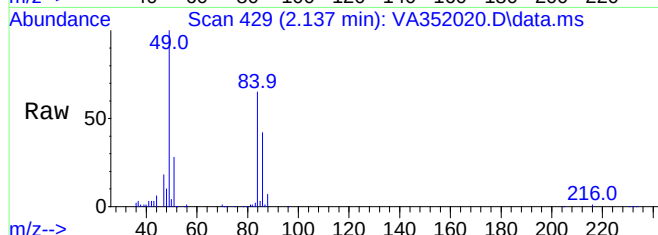
#14
1,1-DICHLOROETHENE
Concen: 0.23 UG/L
RT: 1.812 min Scan# 312
Delta R.T. -0.003 min
Lab File: VA352020.D
Acq: 17 Dec 2012 1:28 pm

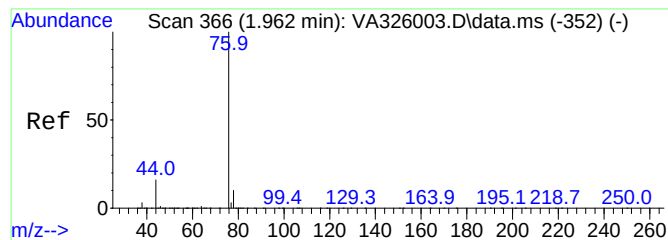
Tgt Ion: 96 Resp: 3333
Ion Ratio Lower Upper
96 100
61 168.9 137.6 206.4
63 51.2 44.3 66.5



#21
METHYLENE CHLORIDE
Concen: 1.37 UG/L
RT: 2.137 min Scan# 429
Delta R.T. -0.000 min
Lab File: VA352020.D
Acq: 17 Dec 2012 1:28 pm

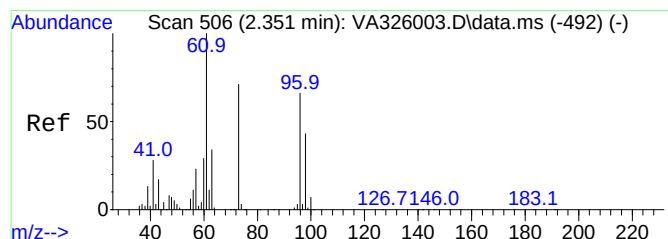
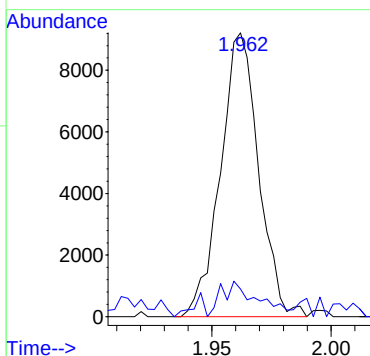
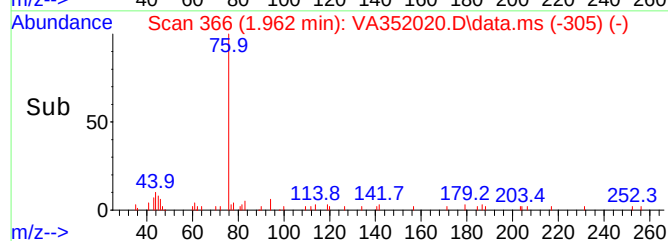
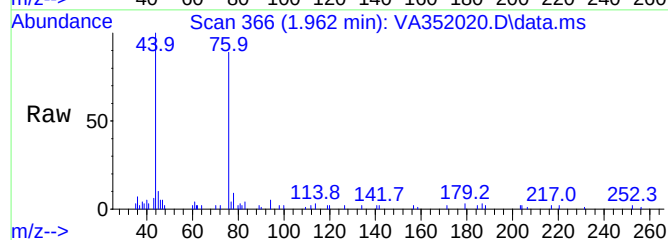
Tgt Ion: 49 Resp: 69277
Ion Ratio Lower Upper
49 100
84 71.1 55.8 83.8
86 47.3 37.3 55.9





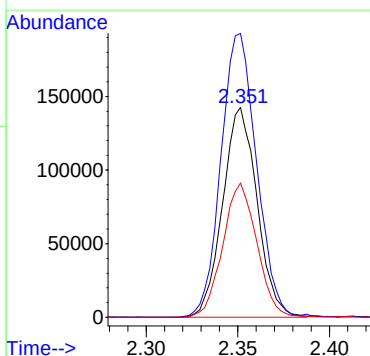
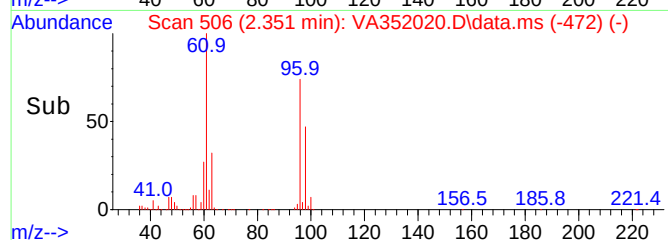
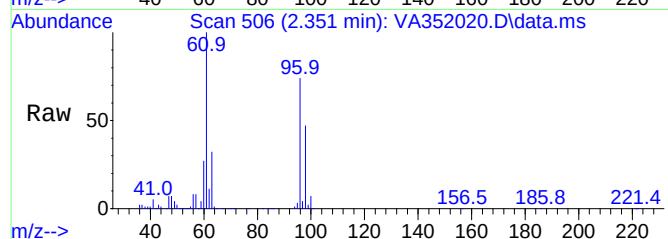
#22
CARBON DISULFIDE
Concen: 0.24 UG/L
RT: 1.962 min Scan# 366
Delta R.T. -0.000 min
Lab File: VA352020.D
Acq: 17 Dec 2012 1:28 pm

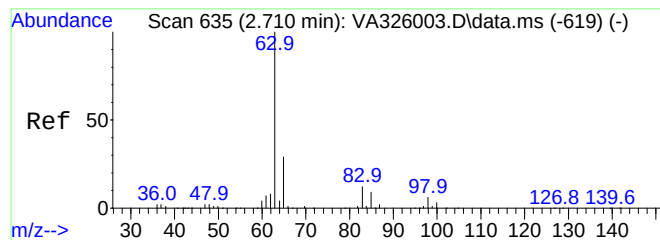
Tgt Ion: 76 Resp: 10260
Ion Ratio Lower Upper
76 100
78 11.7 7.4 11.0#



#24
TRANS 1,2-DICHLOROETHENE
Concen: 14.71 UG/L
RT: 2.351 min Scan# 506
Delta R.T. 0.000 min
Lab File: VA352020.D
Acq: 17 Dec 2012 1:28 pm

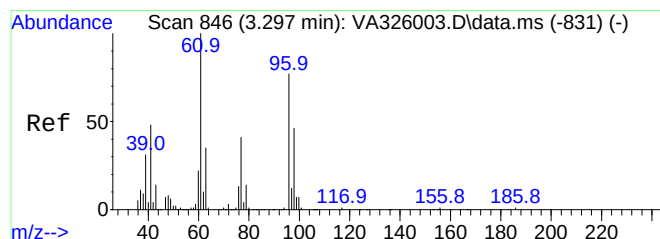
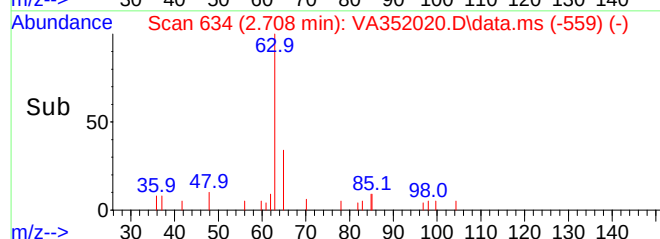
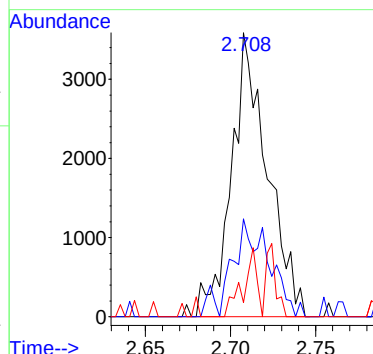
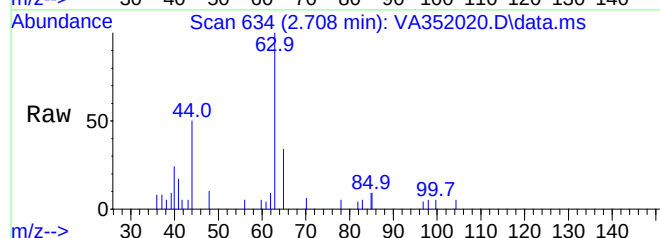
Tgt Ion: 96 Resp: 186030
Ion Ratio Lower Upper
96 100
61 139.9 113.4 170.2
98 63.2 50.7 76.1





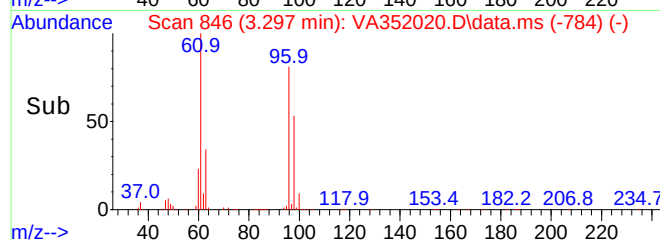
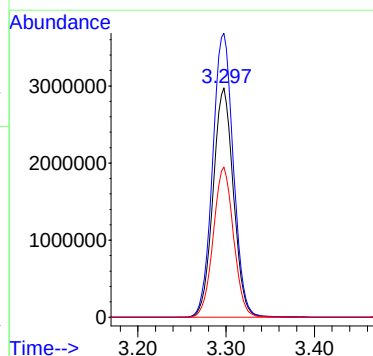
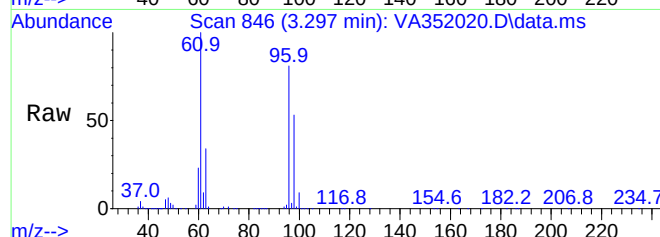
#25
1,1-DICHLOROETHANE
Concen: 0.24 UG/L
RT: 2.708 min Scan# 634
Delta R.T. -0.005 min
Lab File: VA352020.D
Acq: 17 Dec 2012 1:28 pm

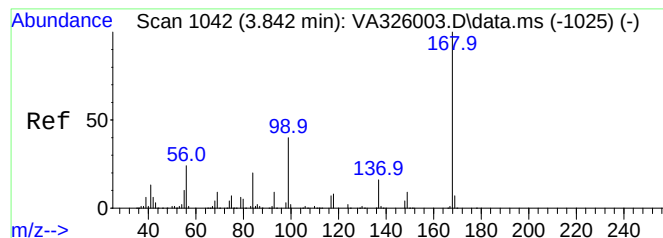
Tgt Ion: 63 Resp: 5266
Ion Ratio Lower Upper
63 100
65 17.7 25.0 37.6#
83 9.3 10.5 15.7#



#31
CIS-1,2-DICHLOROETHENE
Concen: 372.28 UG/L
RT: 3.297 min Scan# 846
Delta R.T. 0.002 min
Lab File: VA352020.D
Acq: 17 Dec 2012 1:28 pm

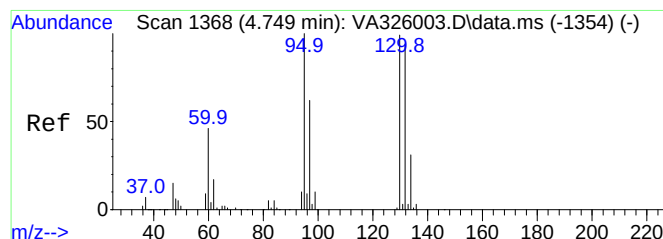
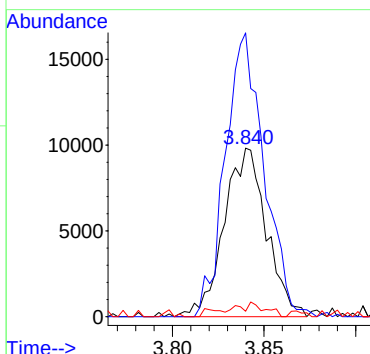
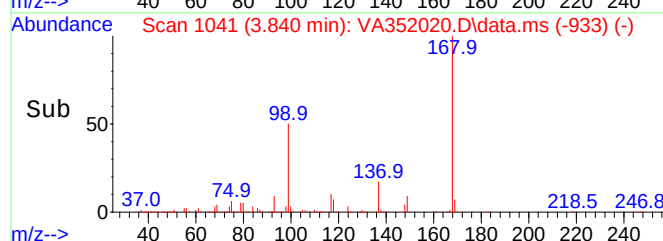
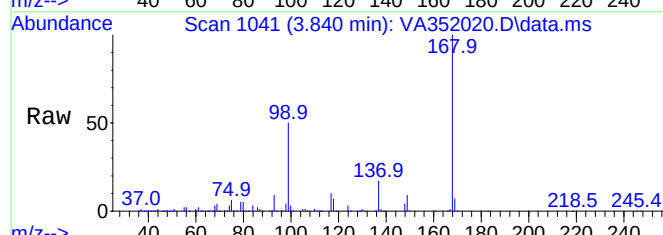
Tgt Ion: 96 Resp: 4781288
Ion Ratio Lower Upper
96 100
61 125.9 121.8 182.6
98 64.9 52.2 78.2





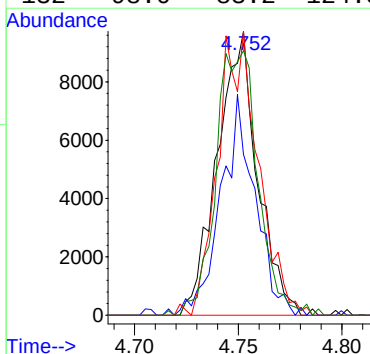
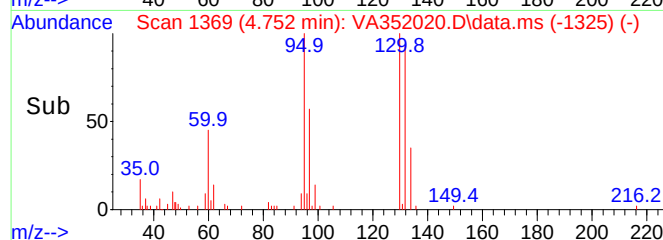
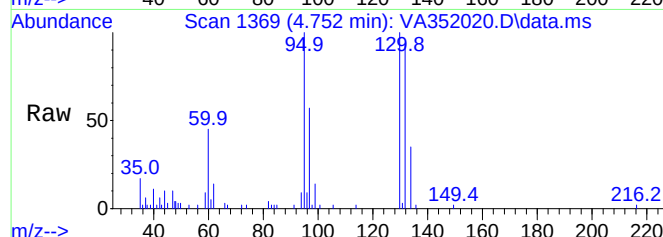
#40
CYCLOHEXANE
Concen: Below Cal
RT: 3.840 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VA352020.D
Acq: 17 Dec 2012 1:28 pm

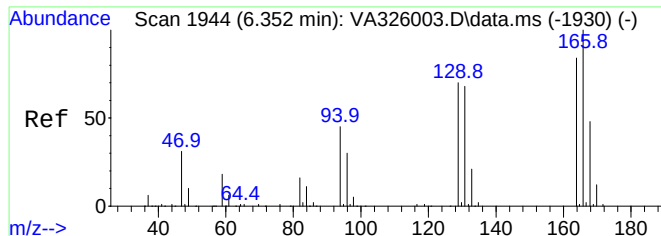
Tgt Ion: 56 Resp: 15711
Ion Ratio Lower Upper
56 100
84 154.5 64.5 96.7#
41 5.5 44.6 67.0#



#50
TRICHLOROETHENE
Concen: 0.94 UG/L
RT: 4.752 min Scan# 1369
Delta R.T. 0.005 min
Lab File: VA352020.D
Acq: 17 Dec 2012 1:28 pm

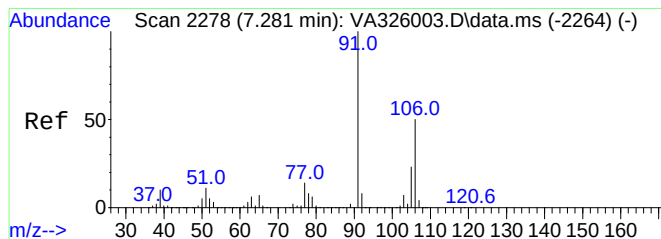
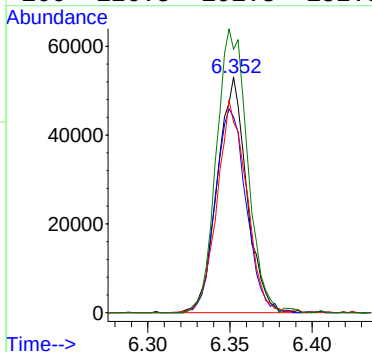
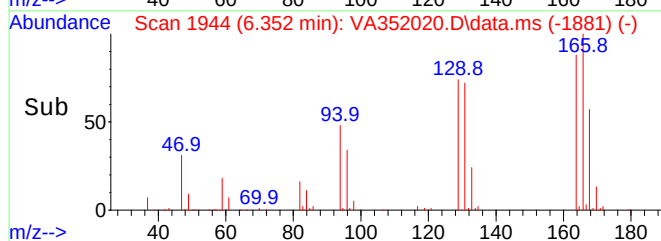
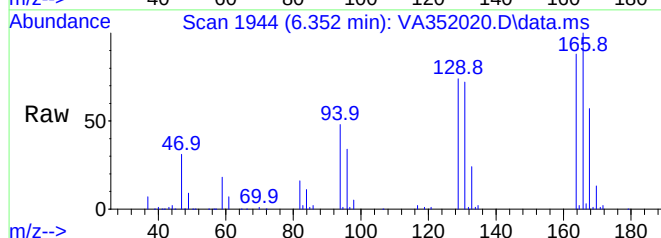
Tgt Ion: 95 Resp: 13130
Ion Ratio Lower Upper
95 100
97 66.6 51.3 76.9
130 100.8 82.2 123.4
132 98.0 83.2 124.8





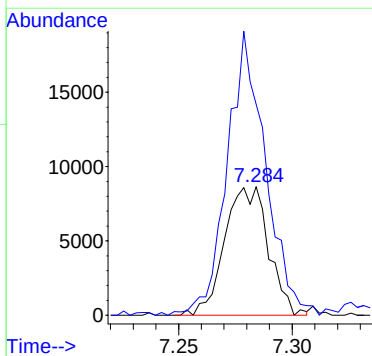
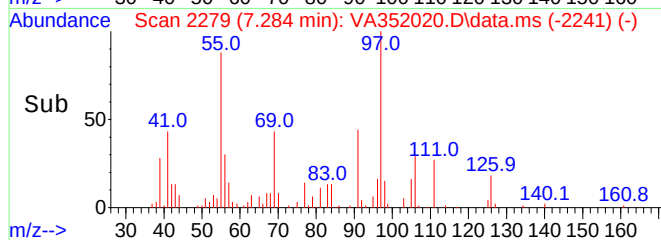
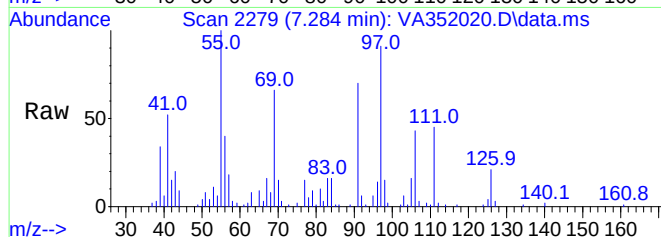
#64
TETRACHLOROETHENE
Concen: 5.34 UG/L
RT: 6.352 min Scan# 1944
Delta R.T. 0.003 min
Lab File: VA352020.D
Acq: 17 Dec 2012 1:28 pm

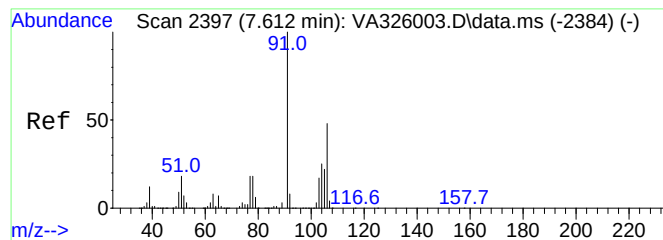
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	66131		
129	90.1	71.4	107.2	
131	90.0	70.6	105.8	
166	126.5	101.8	152.8	



#73
M/P-XYLENES
Concen: 0.46 UG/L
RT: 7.284 min Scan# 2279
Delta R.T. 0.003 min
Lab File: VA352020.D
Acq: 17 Dec 2012 1:28 pm

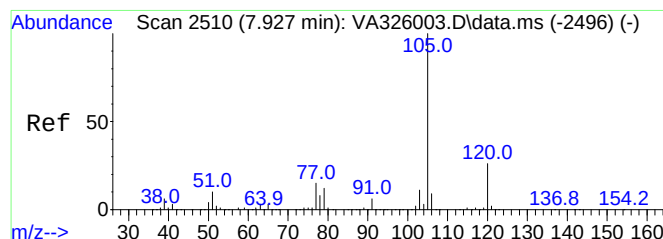
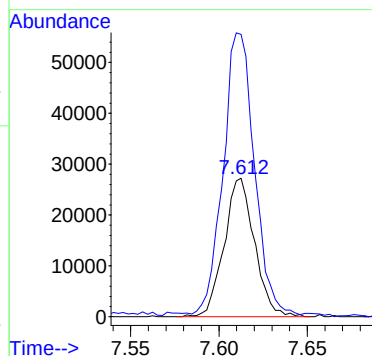
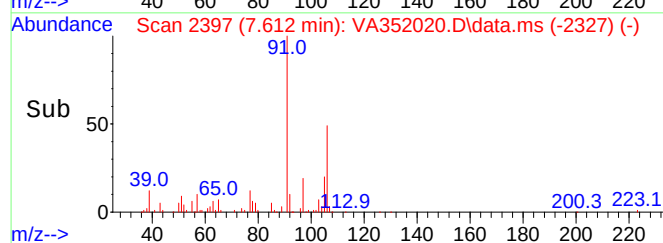
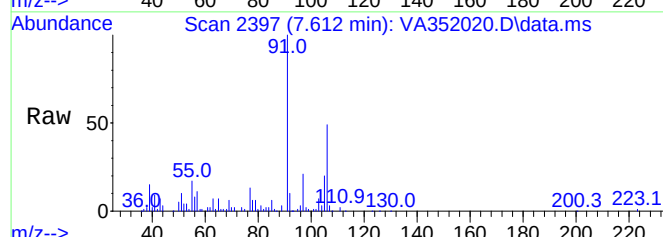
Tgt Ion	Ratio	Resp	Lower	Upper
106	100	11643		
91	193.3	158.6	237.8	





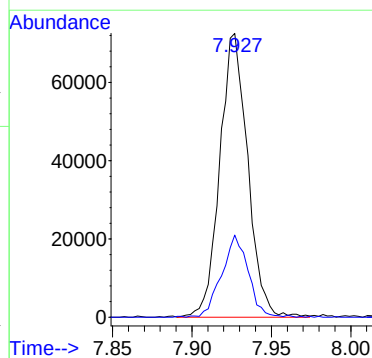
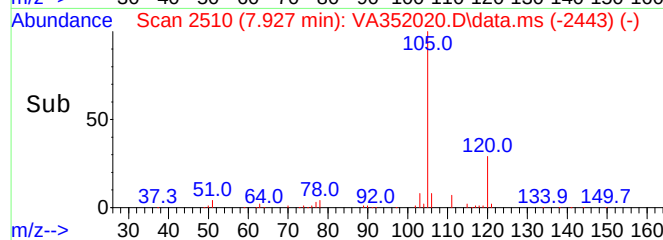
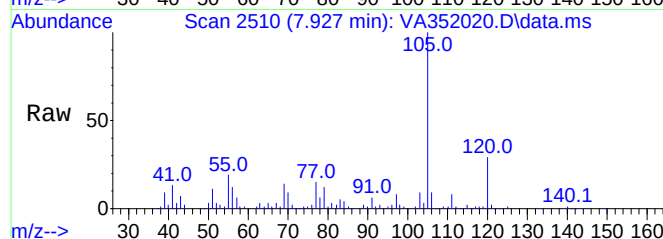
#74
0-XYLENE
Concen: 1.31 UG/L
RT: 7.612 min Scan# 2397
Delta R.T. 0.002 min
Lab File: VA352020.D
Acq: 17 Dec 2012 1:28 pm

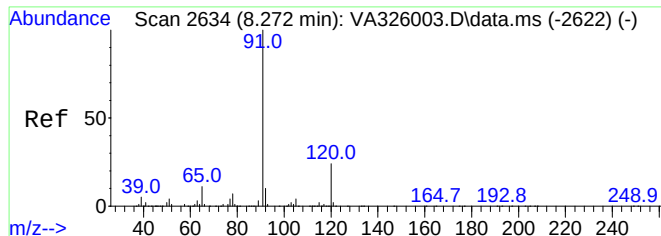
Tgt Ion:106 Resp: 32587
Ion Ratio Lower Upper
106 100
91 209.3 166.9 250.3



#77
ISOPROPYLBENZENE
Concen: 1.37 UG/L
RT: 7.927 min Scan# 2510
Delta R.T. -0.000 min
Lab File: VA352020.D
Acq: 17 Dec 2012 1:28 pm

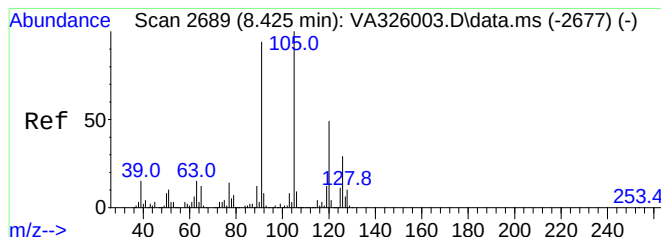
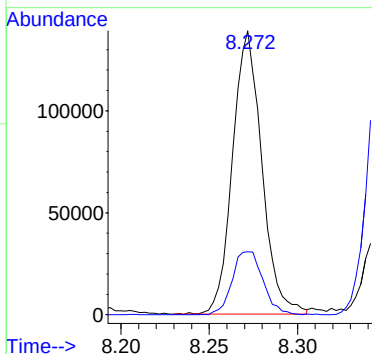
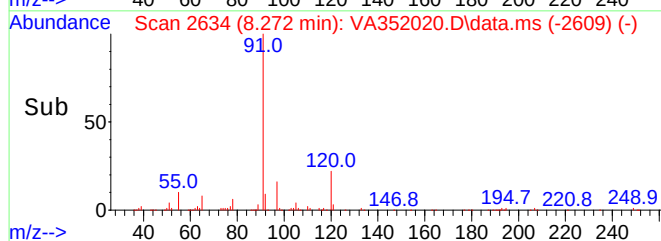
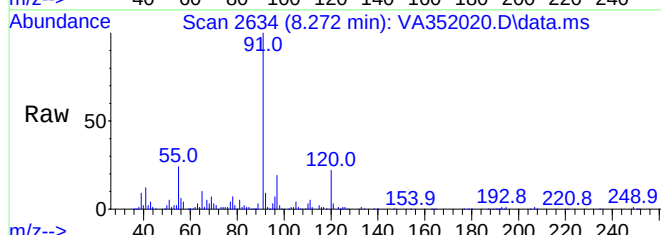
Tgt Ion:105 Resp: 88801
Ion Ratio Lower Upper
105 100
120 27.4 21.8 32.6





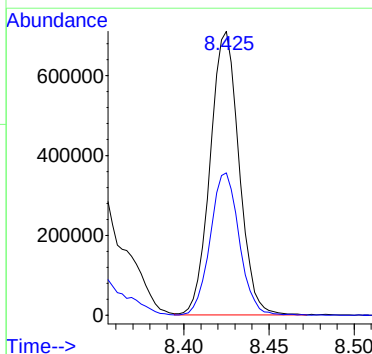
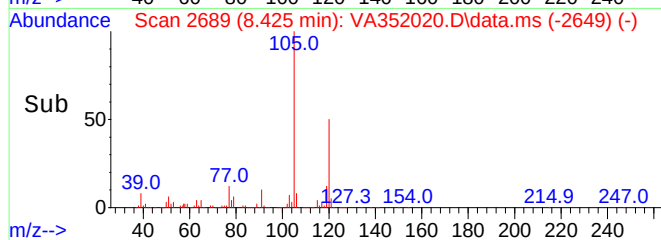
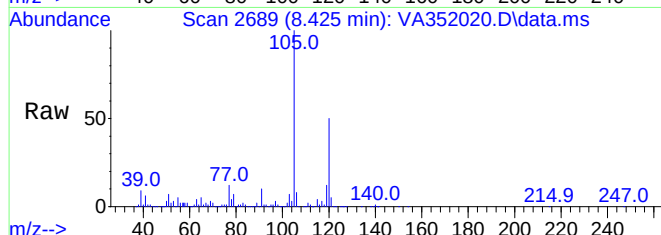
#82
N-PROPYLBENZENE
Concen: 2.06 UG/L
RT: 8.272 min Scan# 2634
Delta R.T. -0.000 min
Lab File: VA352020.D
Acq: 17 Dec 2012 1:28 pm

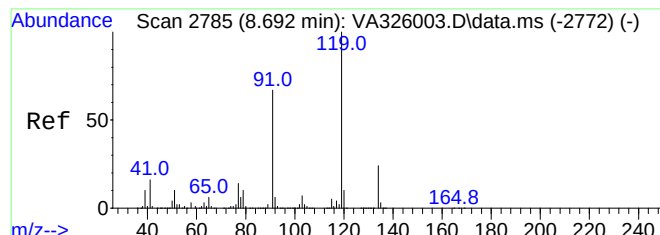
Tgt Ion: 91 Resp: 160245
Ion Ratio Lower Upper
91 100
120 23.4 19.5 29.3



#84
1,3,5-TRIMETHYLBENZENE
Concen: 14.57 UG/L
RT: 8.425 min Scan# 2689
Delta R.T. -0.000 min
Lab File: VA352020.D
Acq: 17 Dec 2012 1:28 pm

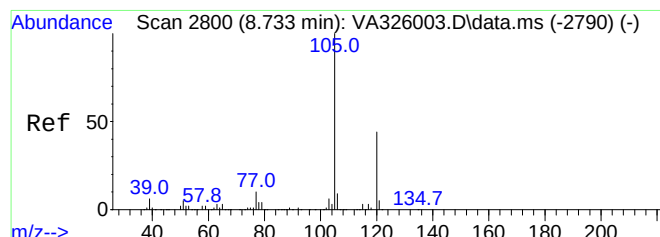
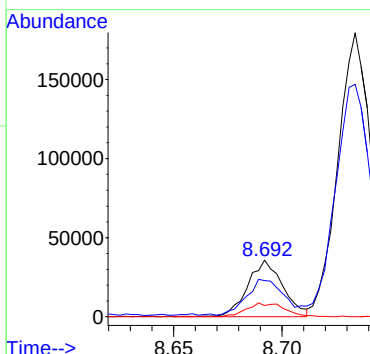
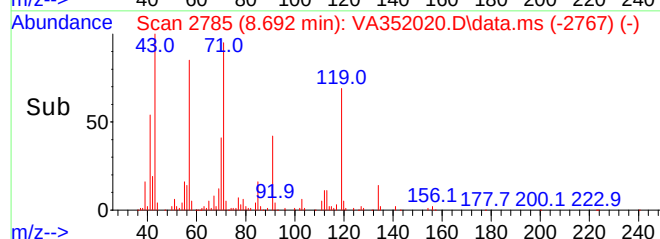
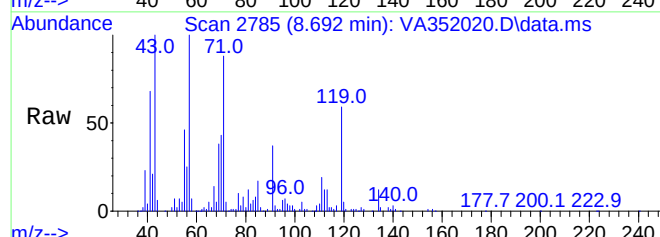
Tgt Ion: 105 Resp: 835688
Ion Ratio Lower Upper
105 100
120 50.5 40.5 60.7





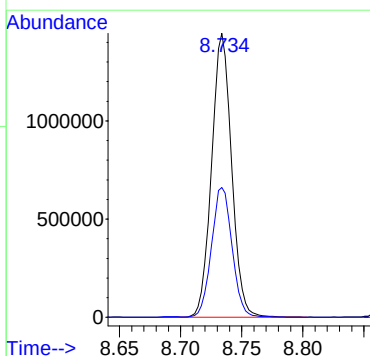
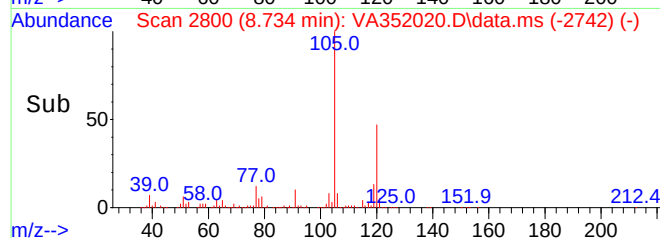
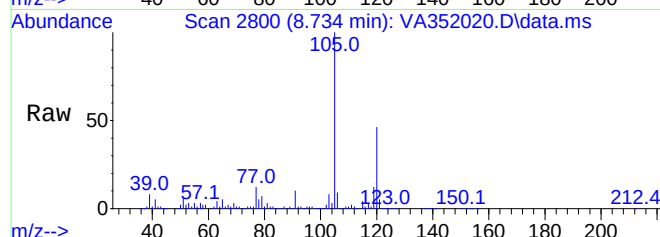
#87
TERT-BUTYL BENZENE
Concen: 0.99 UG/L
RT: 8.692 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VA352020.D
Acq: 17 Dec 2012 1:28 pm

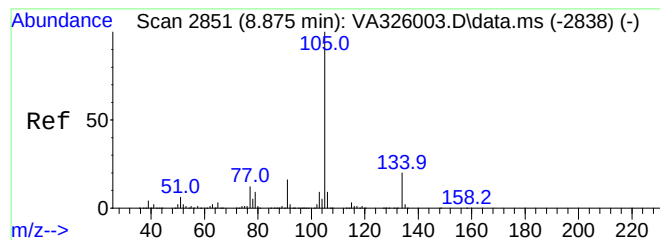
Tgt Ion:119 Resp: 40548
Ion Ratio Lower Upper
119 100
91 67.2 52.4 78.6
134 26.1 19.8 29.6



#88
1,2,4-TRIMETHYLBENZENE
Concen: 35.10 UG/L
RT: 8.734 min Scan# 2800
Delta R.T. -0.000 min
Lab File: VA352020.D
Acq: 17 Dec 2012 1:28 pm

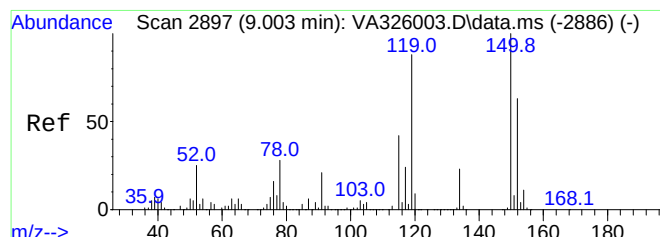
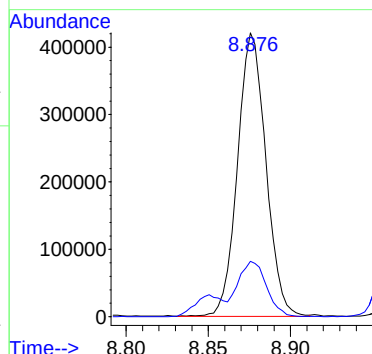
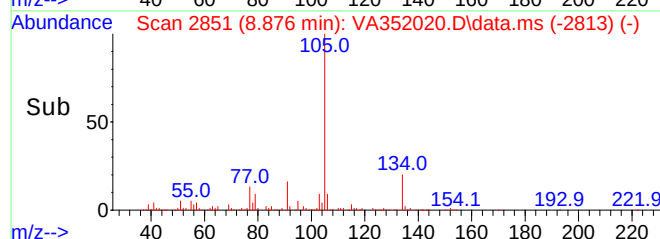
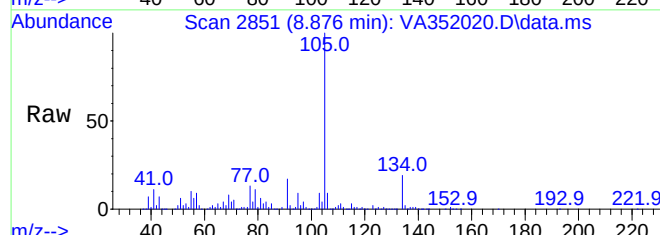
Tgt Ion:105 Resp: 1643523
Ion Ratio Lower Upper
105 100
120 47.1 37.3 55.9





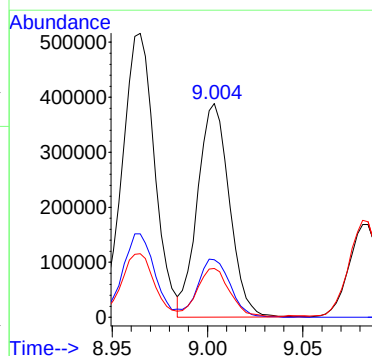
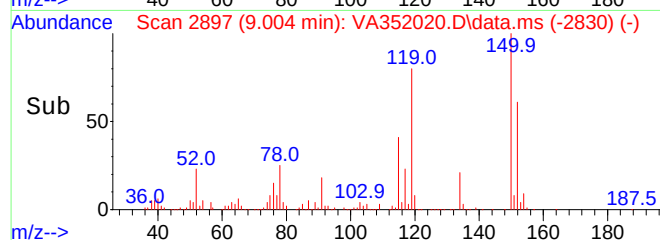
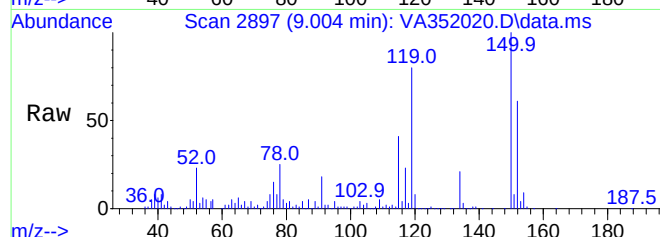
#89
SEC-BUTYLBENZENE
Concen: 7.95 UG/L
RT: 8.876 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VA352020.D
Acq: 17 Dec 2012 1:28 pm

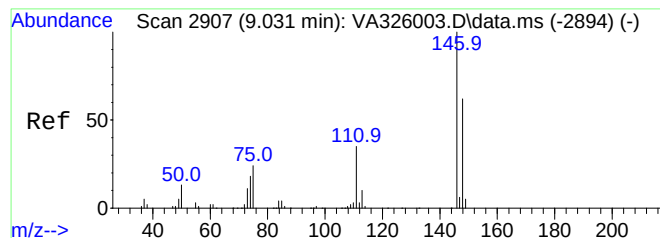
Tgt Ion:105 Resp: 502988
Ion Ratio Lower Upper
105 100
134 19.7 16.3 24.5



#91
P-ISOPROPYLTOLUENE
Concen: 8.84 UG/L
RT: 9.004 min Scan# 2897
Delta R.T. -0.000 min
Lab File: VA352020.D
Acq: 17 Dec 2012 1:28 pm

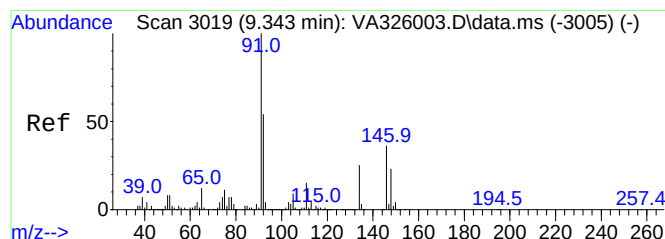
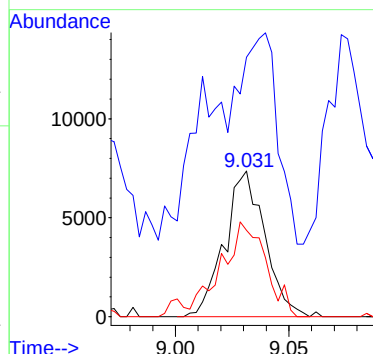
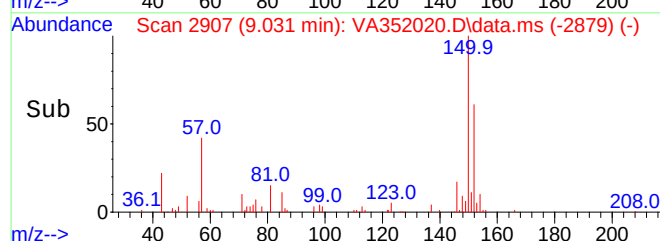
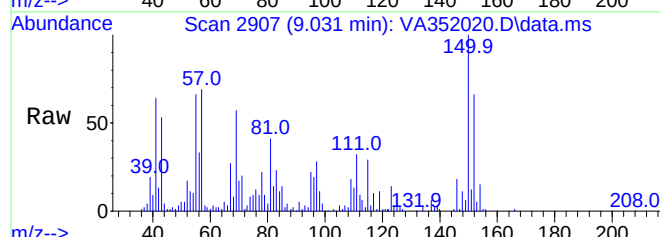
Tgt Ion:119 Resp: 451333
Ion Ratio Lower Upper
119 100
134 27.3 21.6 32.4
91 22.4 18.5 27.7





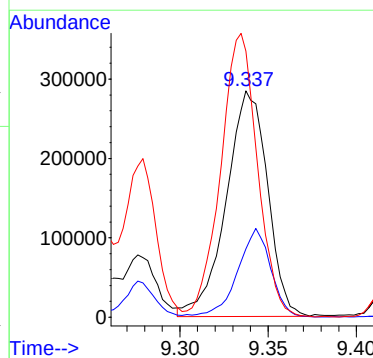
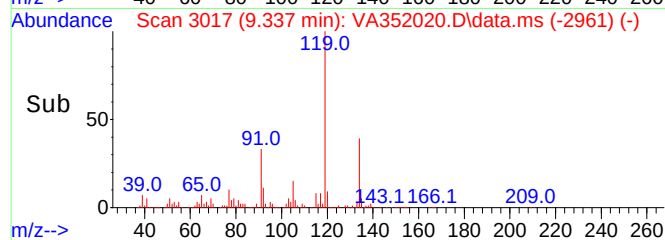
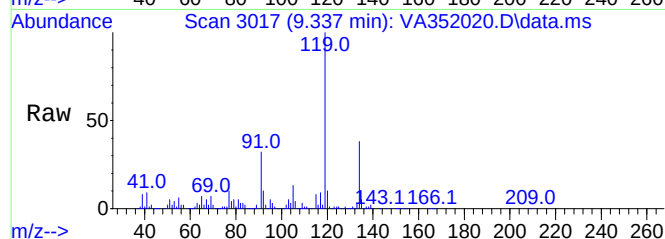
#92
1,4-DICHLOROBENZENE
Concen: 0.33 UG/L
RT: 9.031 min Scan# 2907
Delta R.T. -0.000 min
Lab File: VA352020.D
Acq: 17 Dec 2012 1:28 pm

Tgt Ion: 146 Resp: 9103
Ion Ratio Lower Upper
146 100
111 139.5 30.9 46.3#
148 71.7 51.6 77.4



#93
N-BUTYLBENZENE
Concen: 9.22 UG/L
RT: 9.337 min Scan# 3017
Delta R.T. -0.006 min
Lab File: VA352020.D
Acq: 17 Dec 2012 1:28 pm

Tgt Ion: 91 Resp: 463007
Ion Ratio Lower Upper
91 100
92 31.5 44.2 66.4#
134 112.4 22.6 33.8#



Data Path : V:\DATA\121712\
 Data File : VA352020.D
 Acq On : 17 Dec 2012 1:28 pm
 Operator : MFF
 Sample : 12L0458-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Integration Parameters: rteint.p

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Title : 8260 SOIL CALIBRATION (FRONT)

Signal : TIC: VA352020.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.133	57	68	76	rBV	1095217	741929	3.62%	0.586%
2	1.842	315	323	334	rVB	205840	245420	1.20%	0.194%
3	2.140	420	430	446	rBV2	183887	253238	1.23%	0.200%
4	2.351	494	506	522	rBV	707966	959278	4.68%	0.758%
5	2.585	574	590	606	rBV5	200239	333840	1.63%	0.264%
6	3.297	826	846	878	rBV	12661703	20511107	100.00%	16.211%
7	3.840	1023	1041	1059	rBV	1416847	2259433	11.02%	1.786%
8	4.093	1119	1132	1145	rBV2	544108	830877	4.05%	0.657%
9	4.522	1273	1286	1306	rBV	1938208	2790471	13.60%	2.205%
10	5.829	1741	1756	1770	rBV	2465819	3170263	15.46%	2.506%
11	6.352	1933	1944	1955	rVB3	372528	479590	2.34%	0.379%
12	7.053	2184	2196	2209	rBV	2651340	3221237	15.70%	2.546%
13	7.295	2275	2283	2289	rVV3	239217	371700	1.81%	0.294%
14	7.331	2289	2296	2312	rVB2	183059	278289	1.36%	0.220%
15	7.554	2360	2376	2384	rBV4	357289	660155	3.22%	0.522%
16	7.612	2390	2397	2414	rVB6	155274	291841	1.42%	0.231%
17	7.743	2426	2444	2453	rVB6	938197	1533989	7.48%	1.212%
18	7.818	2463	2471	2479	rBV4	734508	1016670	4.96%	0.804%
19	7.855	2479	2484	2496	rVB2	401995	532970	2.60%	0.421%
20	7.924	2496	2509	2516	rBV4	220783	388038	1.89%	0.307%
21	7.963	2516	2523	2529	rBV6	191080	256985	1.25%	0.203%
22	8.047	2543	2553	2561	rVV	1941346	2275581	11.09%	1.798%
23	8.091	2563	2569	2577	rVB3	431144	545295	2.66%	0.431%
24	8.158	2577	2593	2594	rBV6	270955	347192	1.69%	0.274%
25	8.183	2595	2602	2621	rVB8	1202874	1800950	8.78%	1.423%
26	8.272	2626	2634	2638	rBV2	342249	397366	1.94%	0.314%
27	8.300	2639	2644	2653	rVB6	219868	291896	1.42%	0.231%
28	8.350	2655	2662	2673	rBV2	1339443	1928255	9.40%	1.524%
29	8.400	2674	2680	2683	rBV3	636488	682857	3.33%	0.540%
30	8.425	2683	2689	2695	rVB	1448888	1422351	6.93%	1.124%
31	8.489	2707	2712	2721	rVB8	337998	430189	2.10%	0.340%
32	8.586	2738	2747	2764	rVB2	1968259	3046835	14.85%	2.408%
33	8.700	2780	2788	2792	rBV5	557749	729958	3.56%	0.577%
34	8.734	2792	2800	2810	rVB	4031023	4783940	23.32%	3.781%
35	8.834	2821	2836	2839	rBV4	662764	989011	4.82%	0.782%
36	8.876	2846	2851	2862	rVB	1103494	1476205	7.20%	1.167%
37	8.931	2863	2871	2877	rBV2	1009598	1198515	5.84%	0.947%
38	8.962	2877	2882	2890	rVB	1518964	1693540	8.26%	1.338%
39	9.009	2890	2899	2908	rBV2	3584358	4465603	21.77%	3.529%
40	9.081	2917	2925	2944	rVB	4875997	5846991	28.51%	4.621%
41	9.151	2945	2950	2955	rVV4	254260	259407	1.26%	0.205%
42	9.182	2955	2961	2973	rVB6	560289	808452	3.94%	0.639%
43	9.254	2973	2987	2990	rBV4	1192388	1755601	8.56%	1.388%
44	9.276	2991	2995	3001	rVV	1843122	2133137	10.40%	1.686%
45	9.312	3001	3008	3009	rVV2	2060273	2160929	10.54%	1.708%

Data Path : V:\DATA\121712\
 Data File : VA352020.D
 Acq On : 17 Dec 2012 1:28 pm
 Operator : MFF
 Sample : 12L0458-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Integration Parameters: rteint.p

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Title : 8260 SOIL CALIBRATION (FRONT)

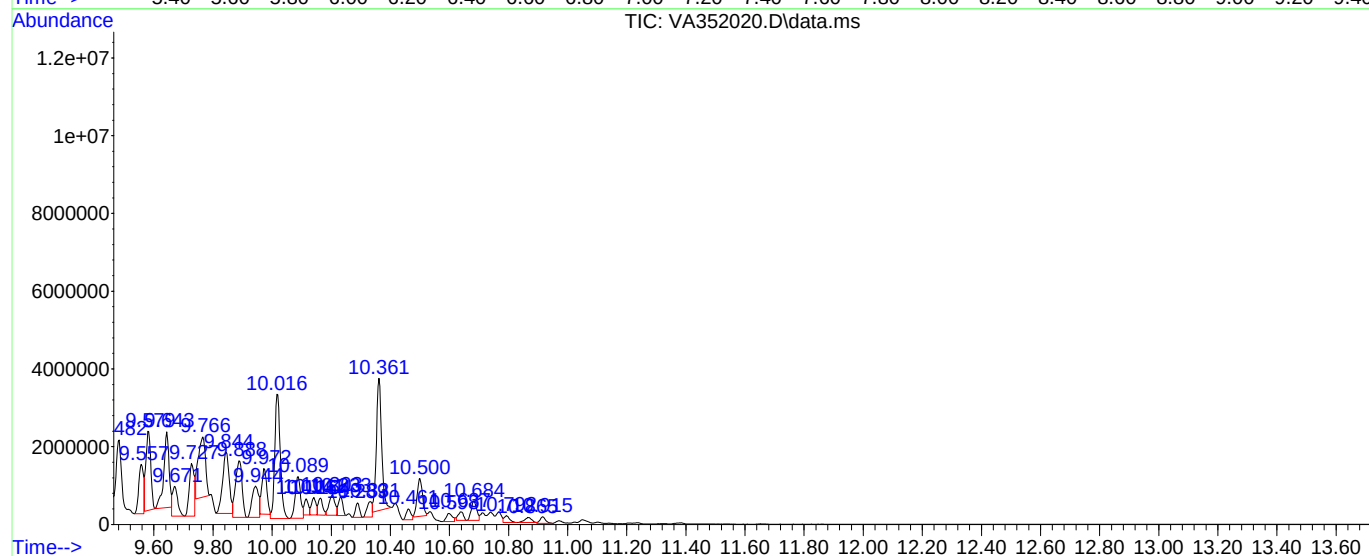
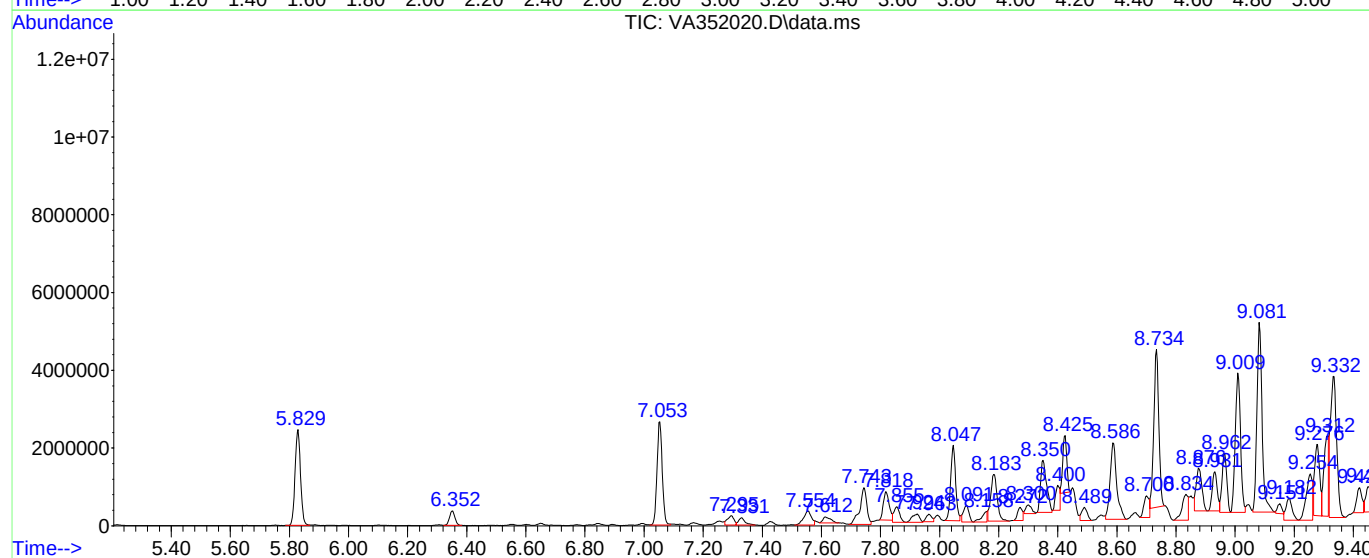
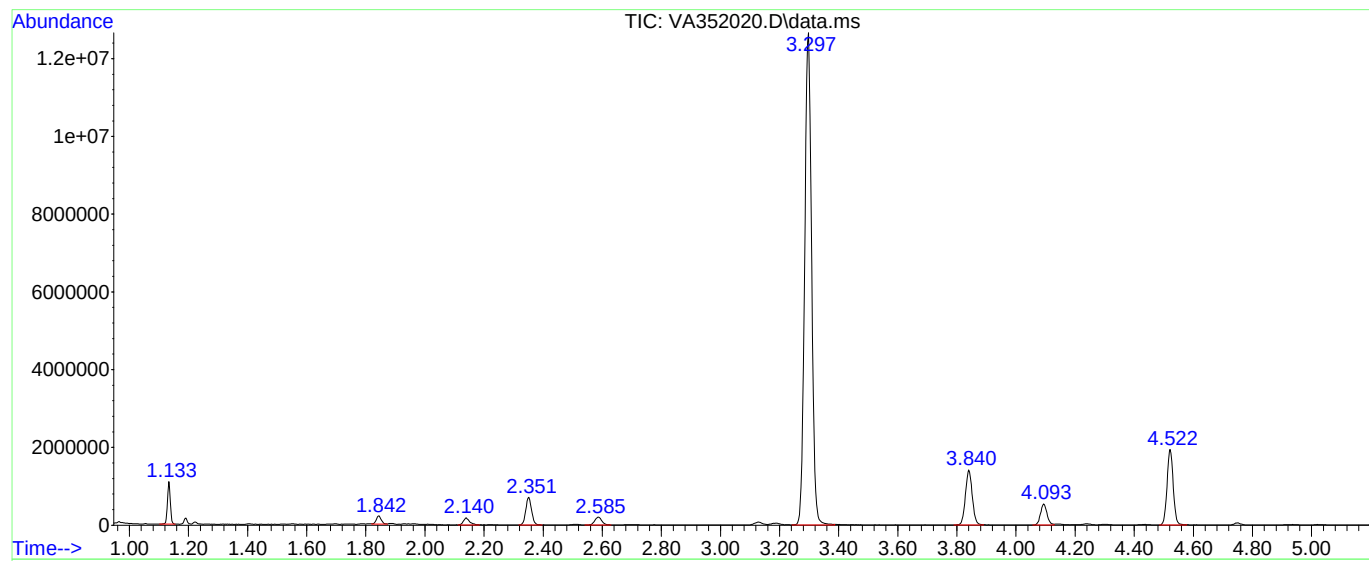
46	9.332	3010	3015	3030	rVB3	3628979	5104918	24.89%	4.035%
47	9.421	3039	3047	3052	rBV2	647971	826083	4.03%	0.653%
48	9.451	3053	3058	3062	rVV3	644314	748314	3.65%	0.591%
49	9.482	3062	3069	3079	rVB	1789753	2156771	10.52%	1.705%
50	9.557	3088	3096	3099	rBV	1269231	1399612	6.82%	1.106%
51	9.579	3100	3104	3113	rVV	2042489	2242786	10.93%	1.773%
52	9.643	3114	3127	3133	rVV	1955082	2462154	12.00%	1.946%
53	9.671	3133	3137	3149	rVB4	765874	897824	4.38%	0.710%
54	9.727	3149	3157	3161	rBV2	1353122	1579113	7.70%	1.248%
55	9.766	3162	3171	3179	rVB6	1513939	2633774	12.84%	2.082%
56	9.844	3187	3199	3207	rBV6	1568920	2457041	11.98%	1.942%
57	9.888	3207	3215	3224	rVB3	1460769	2240882	10.93%	1.771%
58	9.944	3225	3235	3240	rBV6	804719	1266096	6.17%	1.001%
59	9.972	3240	3245	3253	rVV2	1169043	1401102	6.83%	1.107%
60	10.016	3253	3261	3275	rVB	3194100	4170421	20.33%	3.296%
61	10.089	3277	3287	3293	rBV3	1065817	1372116	6.69%	1.084%
62	10.116	3293	3297	3301	rVV2	408092	399954	1.95%	0.316%
63	10.141	3301	3306	3310	rVV	452438	488931	2.38%	0.386%
64	10.164	3310	3314	3320	rVV	438049	452464	2.21%	0.358%
65	10.203	3321	3328	3334	rVV4	517332	733777	3.58%	0.580%
66	10.233	3334	3339	3345	rVB	484751	483337	2.36%	0.382%
67	10.289	3353	3359	3365	rVB2	371444	353343	1.72%	0.279%
68	10.331	3366	3374	3377	rBV3	394601	484951	2.36%	0.383%
69	10.361	3377	3385	3400	rVB2	3365907	4172593	20.34%	3.298%
70	10.461	3414	3421	3426	rBV	277816	312980	1.53%	0.247%
71	10.500	3427	3435	3443	rVV2	959768	1224141	5.97%	0.967%
72	10.598	3463	3470	3477	rBV5	205786	292556	1.43%	0.231%
73	10.637	3479	3484	3491	rVB4	220476	271335	1.32%	0.214%
74	10.684	3492	3501	3507	rBV3	487541	649742	3.17%	0.514%
75	10.792	3536	3540	3553	rVB3	179511	220825	1.08%	0.175%
76	10.865	3555	3566	3577	rVB5	133096	214541	1.05%	0.170%
77	10.915	3577	3584	3596	rVB	168968	214777	1.05%	0.170%

Sum of corrected areas: 126526630

Data Path : V:\DATA\121712\
Data File : VA352020.D
Acq On : 17 Dec 2012 1:28 pm
Operator : MFF
Sample : 12L0458-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)

TIC Library : C:\Database\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : V:\DATA\121712\
Data File : VA352020.D
Acq On : 17 Dec 2012 1:28 pm
Operator : MFF
Sample : 12L0458-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

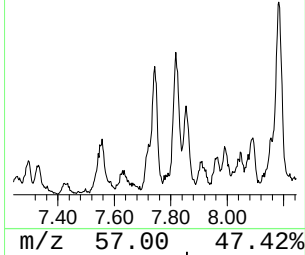
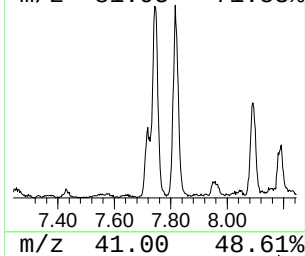
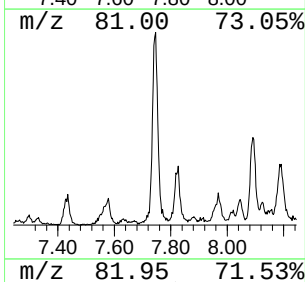
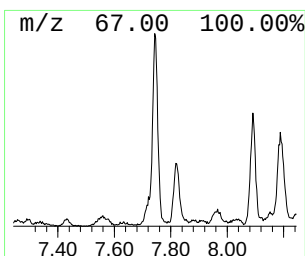
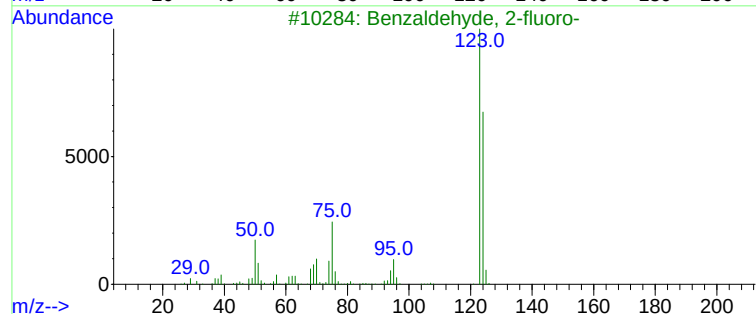
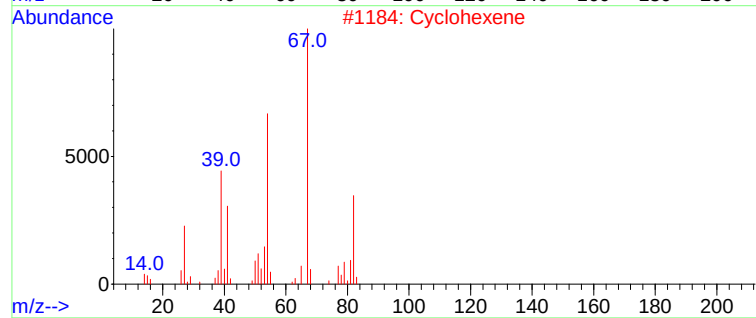
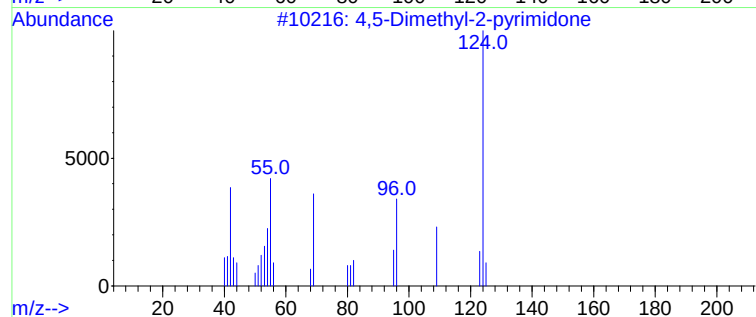
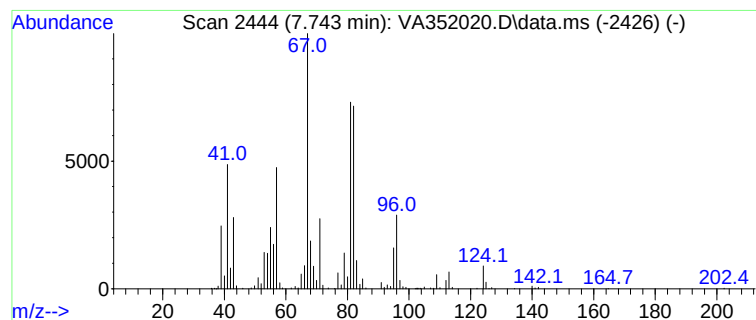
Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)

TIC Library : C:\Database\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Cyclohexen-1-one, 4,5-dim... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.743	14.29 UG/L	1533990	CHLOROBENZENE-D5 ISTD	7.053

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Cyclohexen-1-one, 4,5-dimethyl-	124	C8H12O	005715-25-3	50
2			4-Methyl-2-pentyne	82	C6H10	021020-27-9	50
3			3,4-Nonadiene	124	C9H16	037050-03-6	50
4			1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	49
5			Bicyclo[4.1.0]heptane	96	C7H12	000286-08-8	49



Data Path : V:\DATA\121712\
Data File : VA352020.D
Acq On : 17 Dec 2012 1:28 pm
Operator : MFF
Sample : 12L0458-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

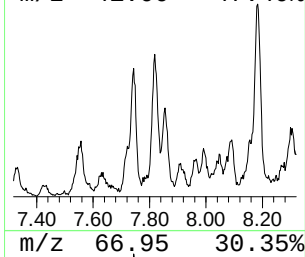
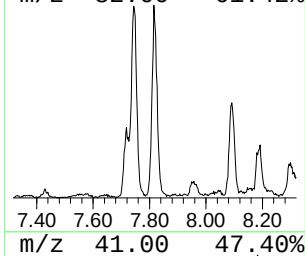
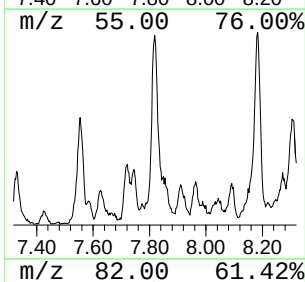
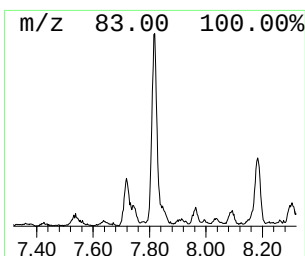
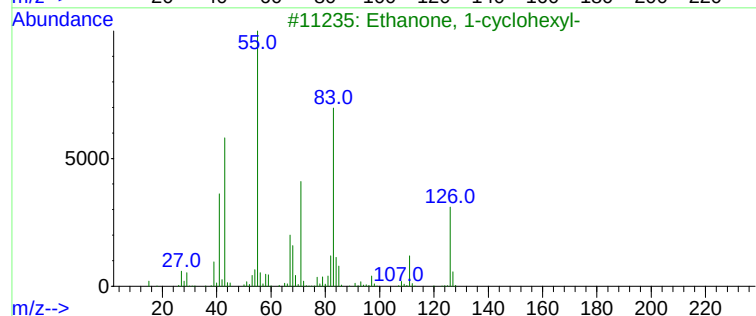
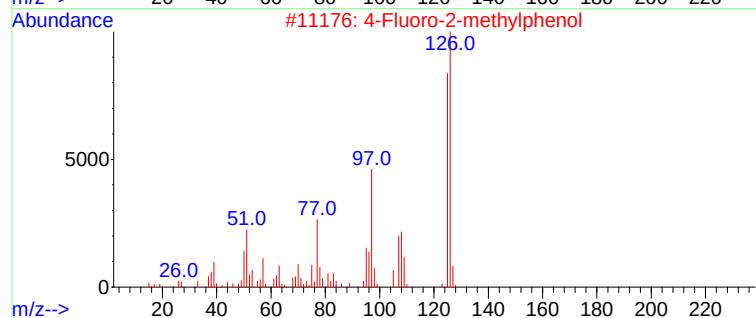
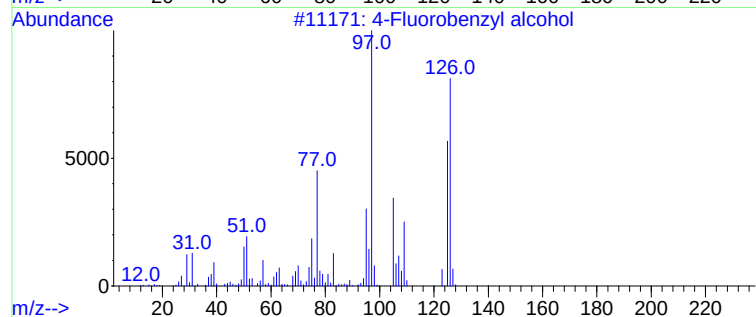
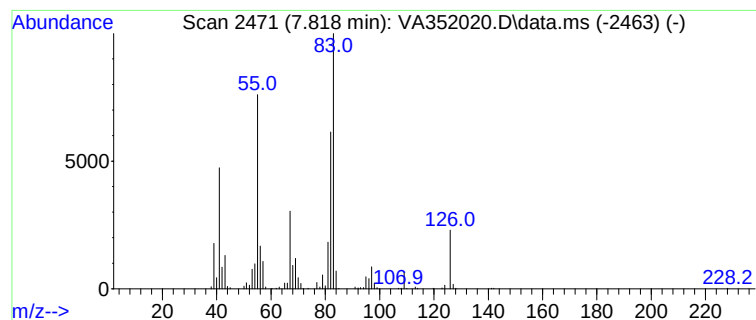
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Quant Title : 8260 SOIL CALIBRATION (FRONT)

TIC Library : C:\Database\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexane, propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.818	9.47 UG/L	1016670	CHLOROBENZENE-D5 ISTD	7.053

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	87
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	87
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	83
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	64



Data Path : V:\DATA\121712\
Data File : VA352020.D
Acq On : 17 Dec 2012 1:28 pm
Operator : MFF
Sample : 12L0458-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

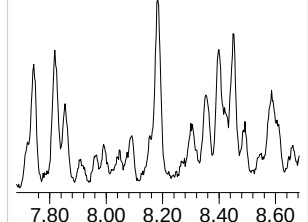
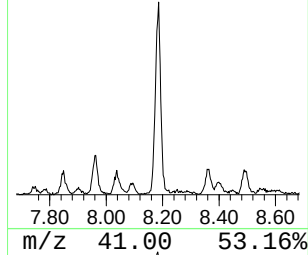
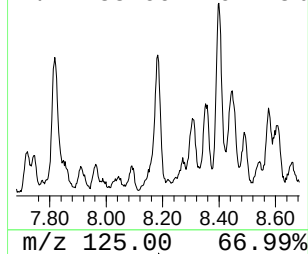
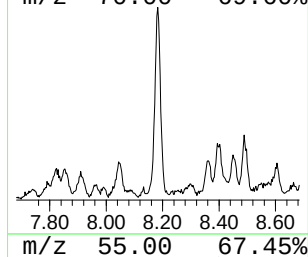
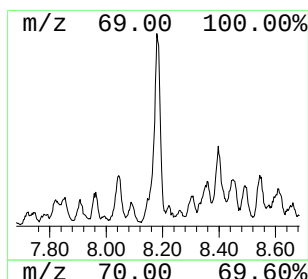
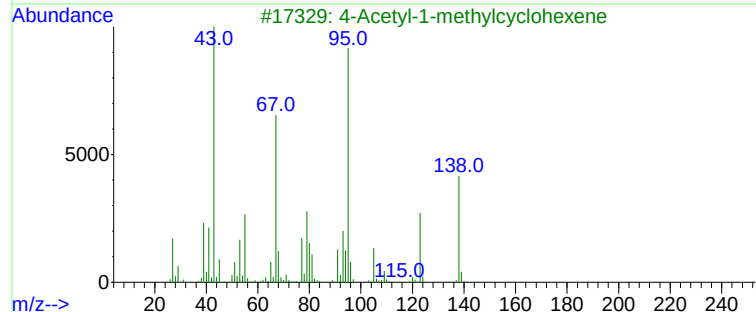
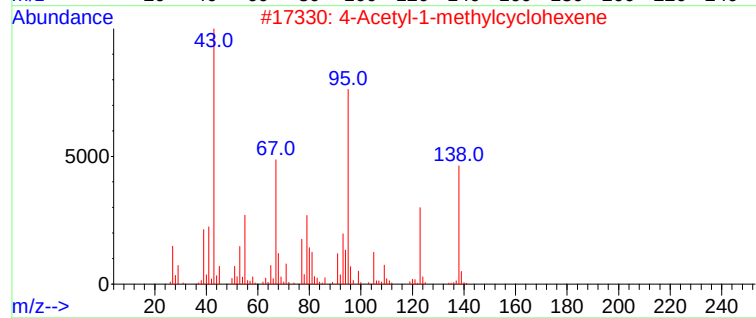
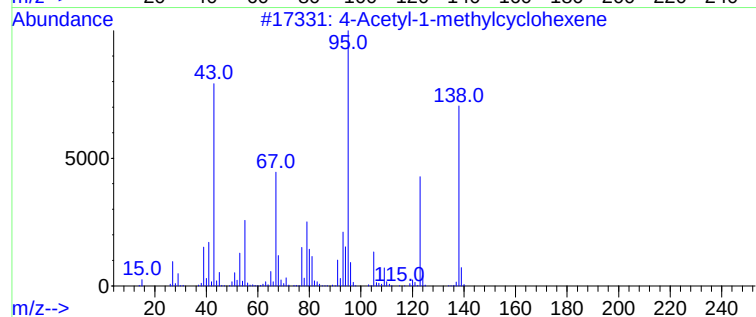
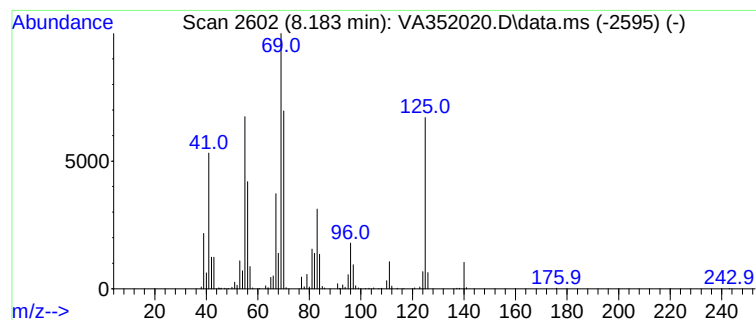
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Quant Title : 8260 SOIL CALIBRATION (FRONT)

TIC Library : C:\Database\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Octene, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.183	12.10 UG/L	1800950	1,4-DICHLOROBENZENE-D4-ISTD	9.012

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	68
2			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	64
3			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	64
4			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	58
5			Silane, trimethyl(3-methyl-1-but...	140	C8H16Si	018388-07-3	58



Data Path : V:\DATA\121712\
Data File : VA352020.D
Acq On : 17 Dec 2012 1:28 pm
Operator : MFF
Sample : 12L0458-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

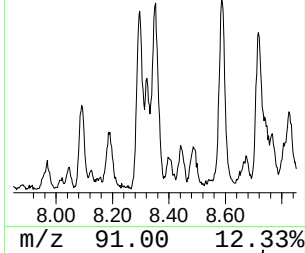
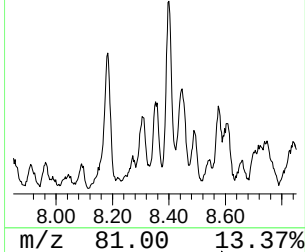
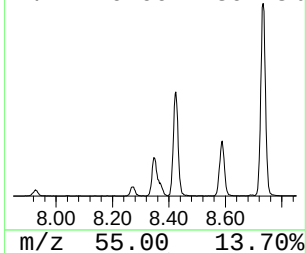
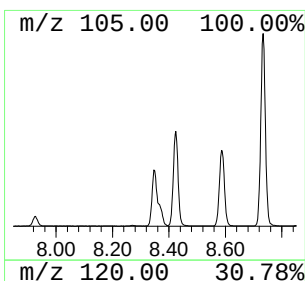
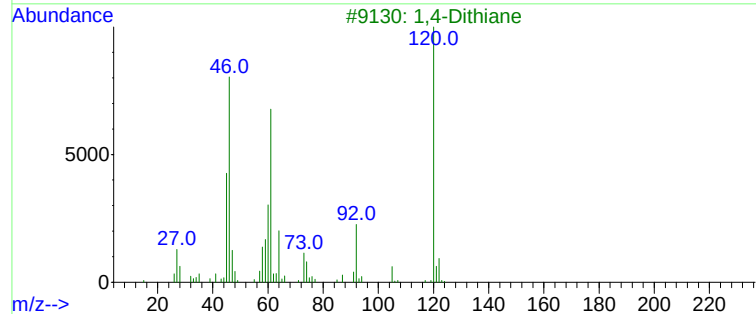
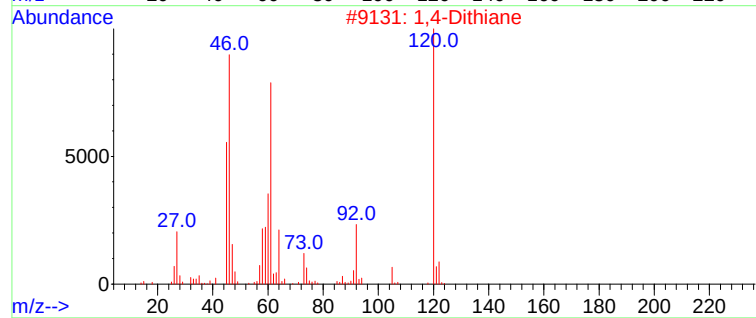
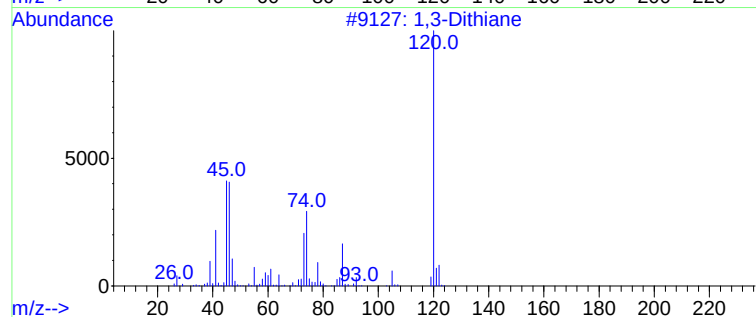
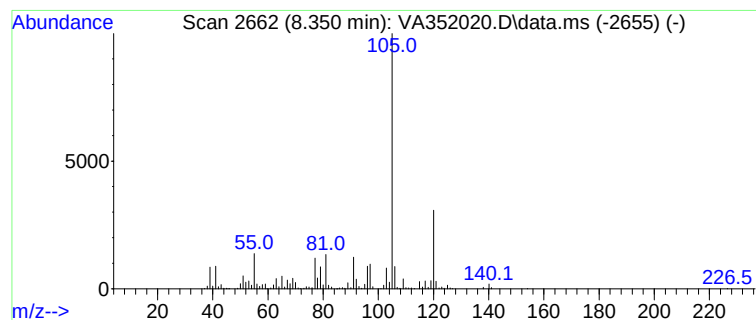
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Quant Title : 8260 SOIL CALIBRATION (FRONT)

TIC Library : C:\Database\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.350	12.95 UG/L	1928260	1,4-DICHLOROBENZENE-D4-ISTD	9.012

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	92
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	92
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	92
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	92
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	64



Data Path : V:\DATA\121712\
Data File : VA352020.D
Acq On : 17 Dec 2012 1:28 pm
Operator : MFF
Sample : 12L0458-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

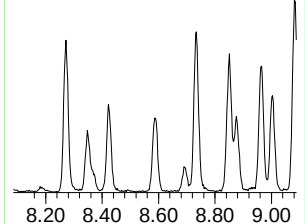
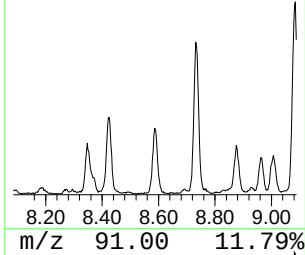
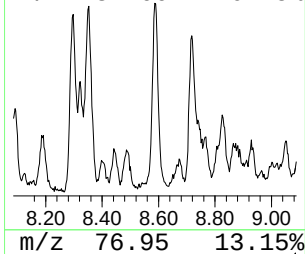
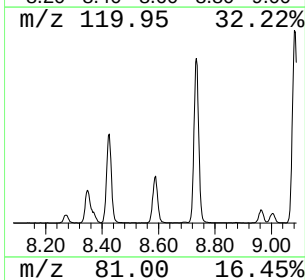
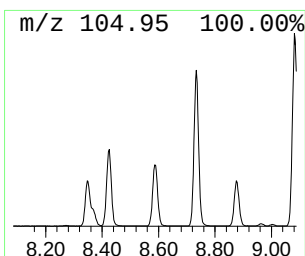
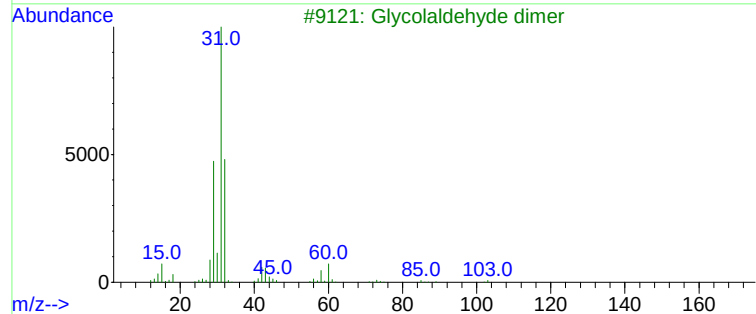
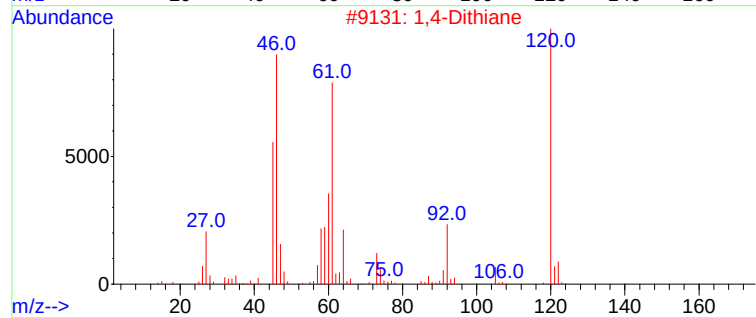
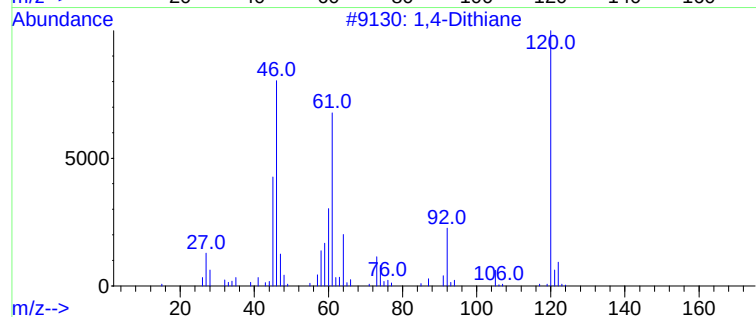
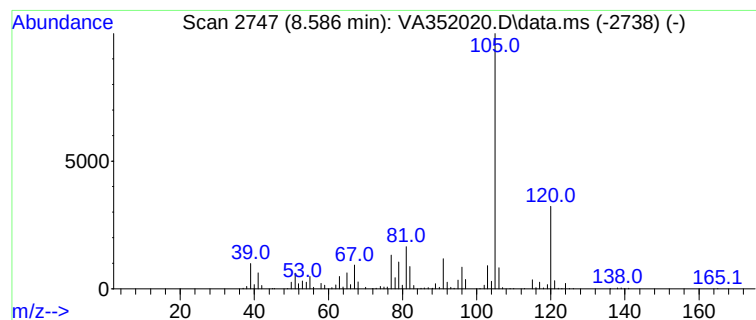
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Quant Title : 8260 SOIL CALIBRATION (FRONT)

TIC Library : C:\Database\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.586	20.47 UG/L	3046840	1,4-DICHLOROBENZENE-D4-ISTD	9.012

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
3			Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	81
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81



Data Path : V:\DATA\121712\
Data File : VA352020.D
Acq On : 17 Dec 2012 1:28 pm
Operator : MFF
Sample : 12L0458-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

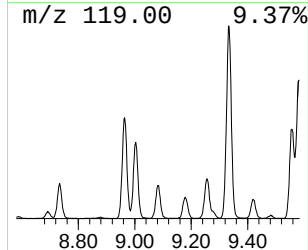
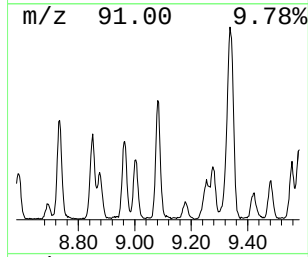
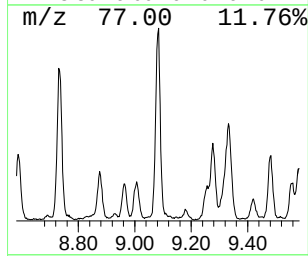
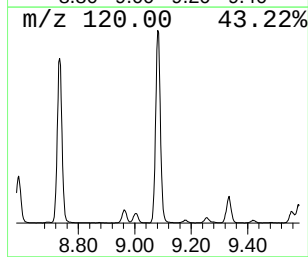
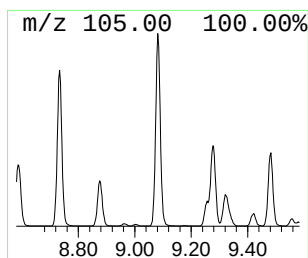
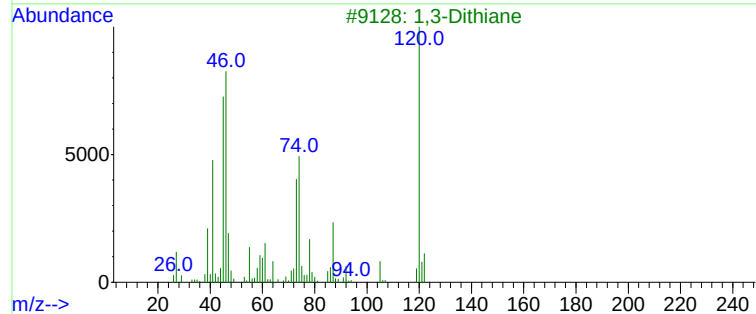
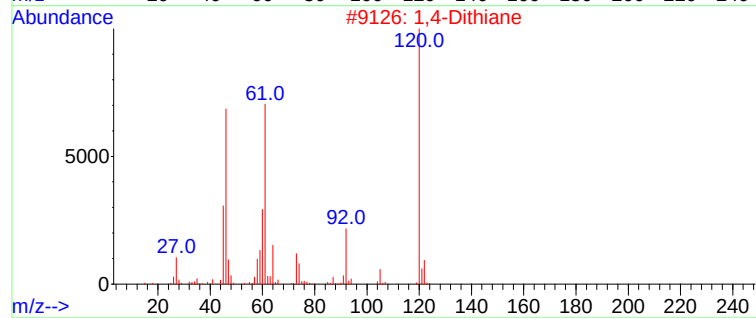
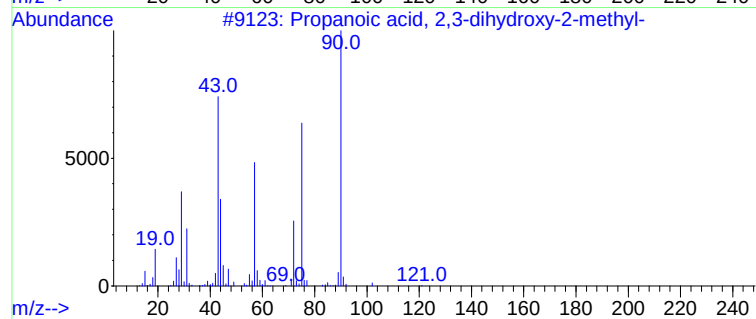
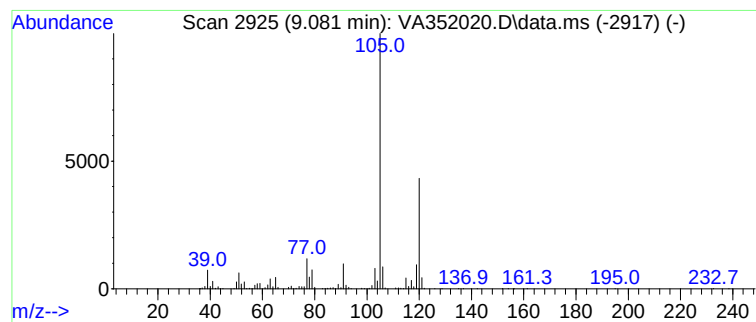
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Quant Title : 8260 SOIL CALIBRATION (FRONT)

TIC Library : C:\Database\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.081	39.28 UG/L	5846990	1,4-DICHLOROBENZENE-D4-ISTD	9.012

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4			Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



Data Path : V:\DATA\121712\
Data File : VA352020.D
Acq On : 17 Dec 2012 1:28 pm
Operator : MFF
Sample : 12L0458-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

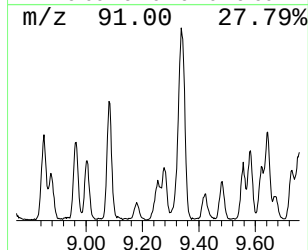
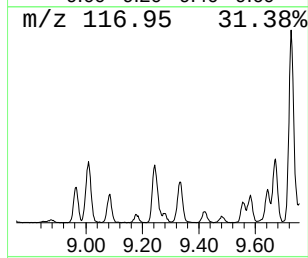
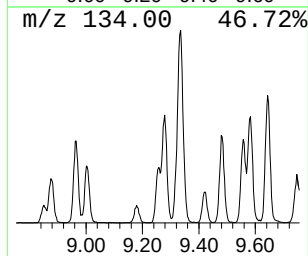
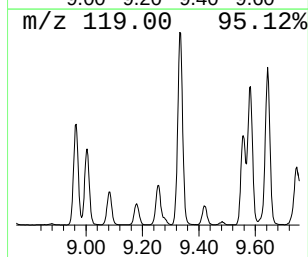
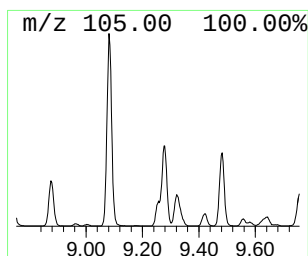
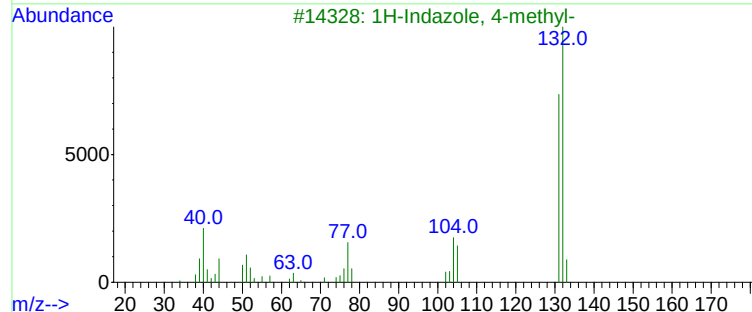
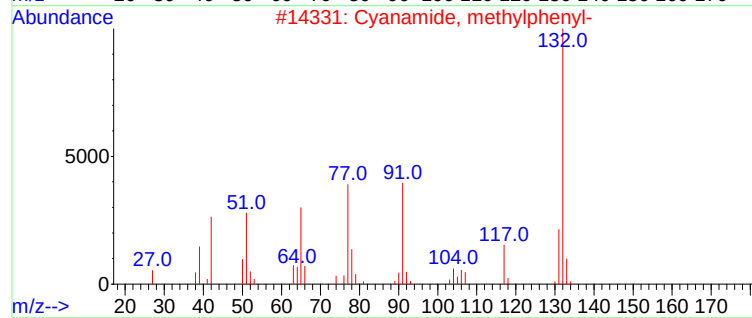
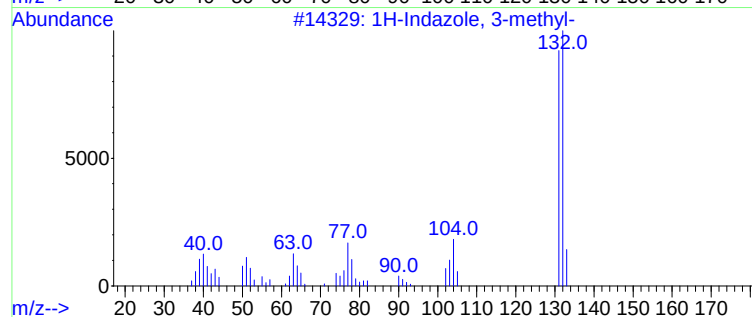
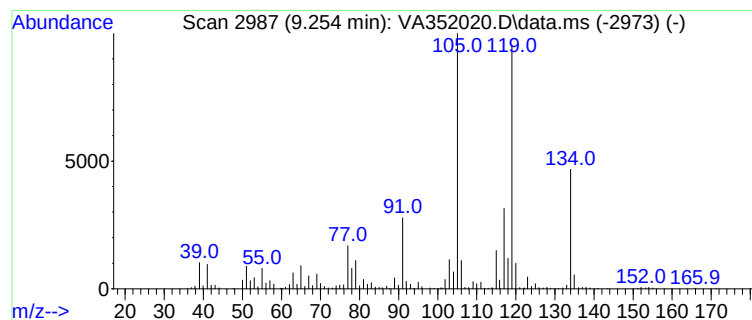
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Quant Title : 8260 SOIL CALIBRATION (FRONT)

TIC Library : C:\Database\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1,2-diethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.254	11.79 UG/L	1755600	1,4-DICHLOROBENZENE-D4-ISTD	9.012

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
5			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87



Data Path : V:\DATA\121712\
Data File : VA352020.D
Acq On : 17 Dec 2012 1:28 pm
Operator : MFF
Sample : 12L0458-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

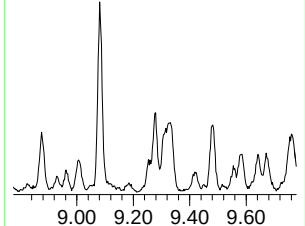
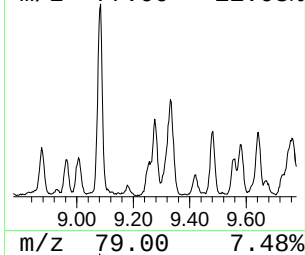
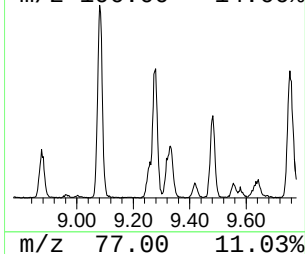
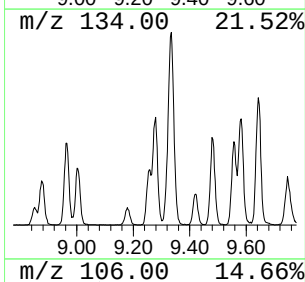
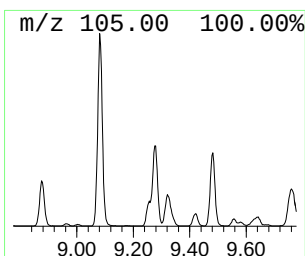
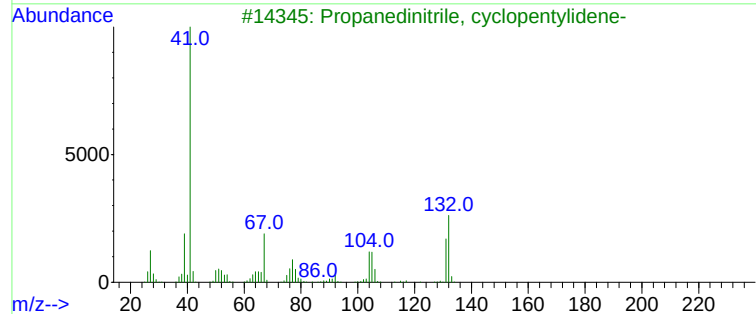
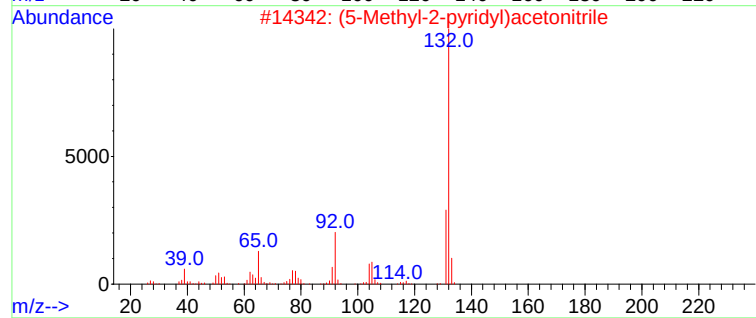
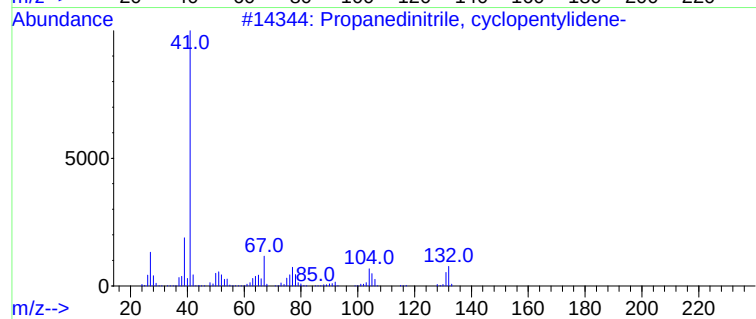
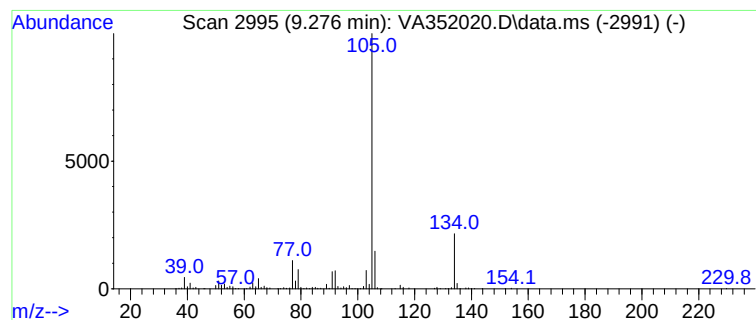
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Quant Title : 8260 SOIL CALIBRATION (FRONT)

TIC Library : C:\Database\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1-methyl-4-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.276	14.33 UG/L	2133140	1,4-DICHLOROBENZENE-D4-ISTD	9.012

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
2			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
3			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
4			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	86
5			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86



Data Path : V:\DATA\121712\
Data File : VA352020.D
Acq On : 17 Dec 2012 1:28 pm
Operator : MFF
Sample : 12L0458-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

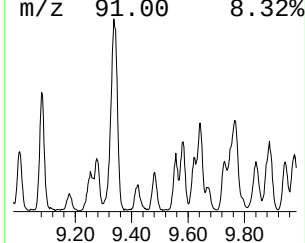
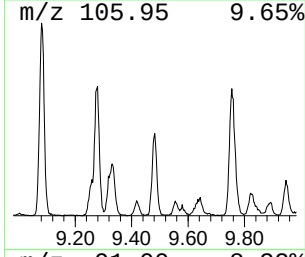
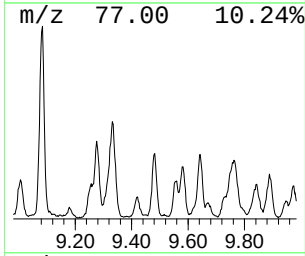
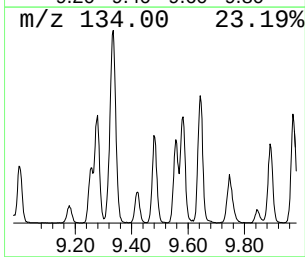
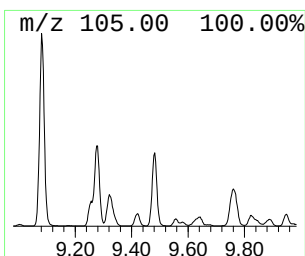
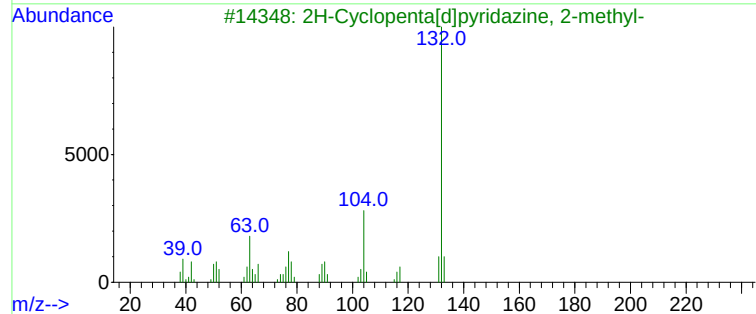
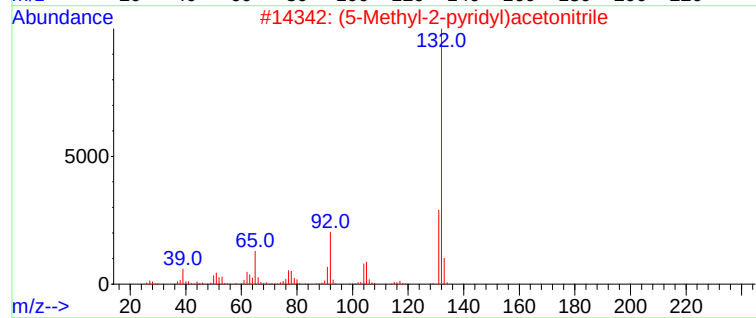
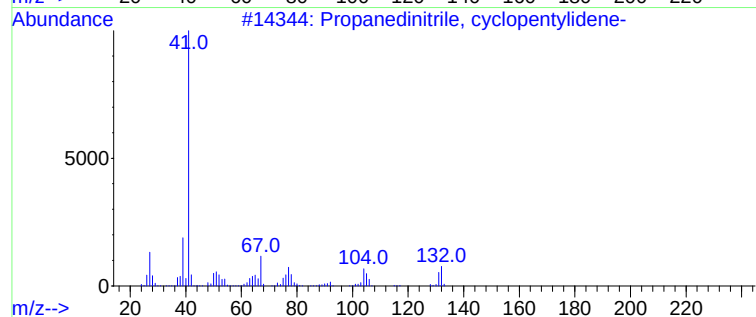
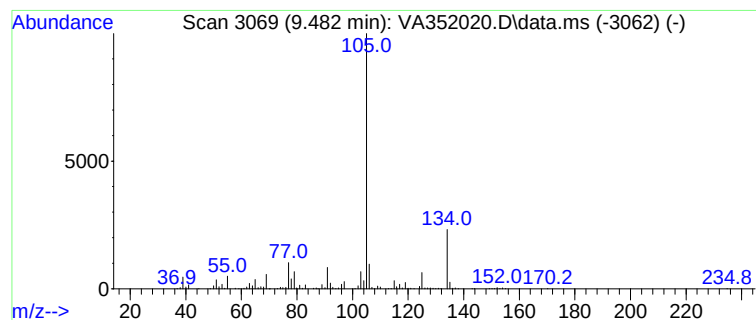
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Quant Title : 8260 SOIL CALIBRATION (FRONT)

TIC Library : C:\Database\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, 1-methyl-4-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.482	14.49 UG/L	2156770	1,4-DICHLOROBENZENE-D4-ISTD	9.012

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
2			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
3			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
5			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90



Data Path : V:\DATA\121712\
Data File : VA352020.D
Acq On : 17 Dec 2012 1:28 pm
Operator : MFF
Sample : 12L0458-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

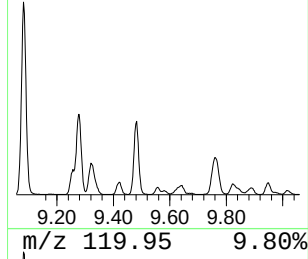
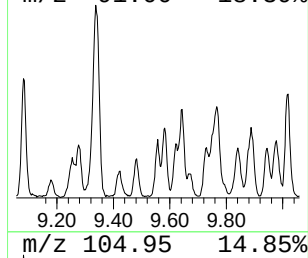
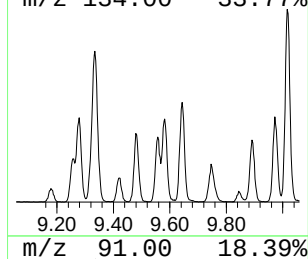
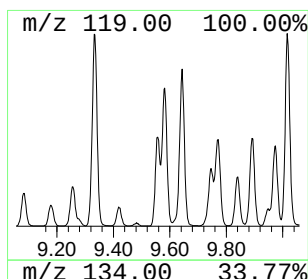
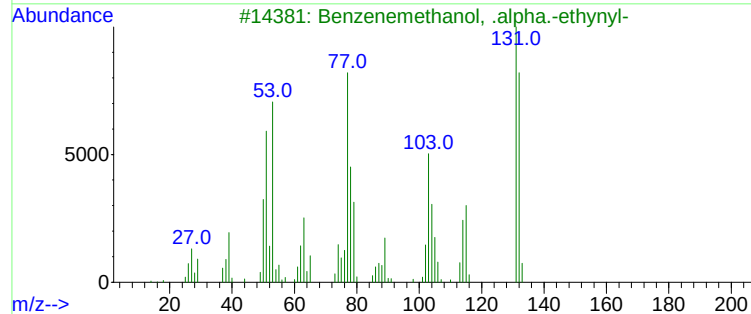
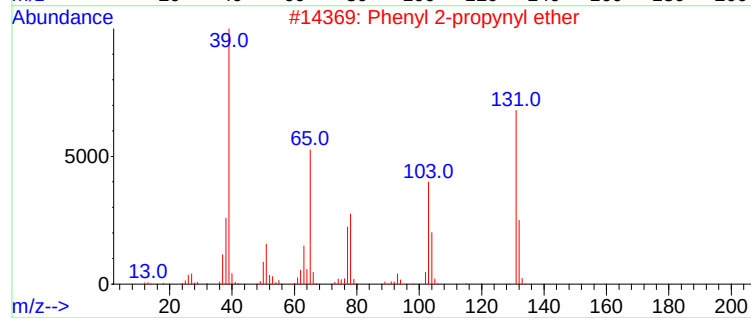
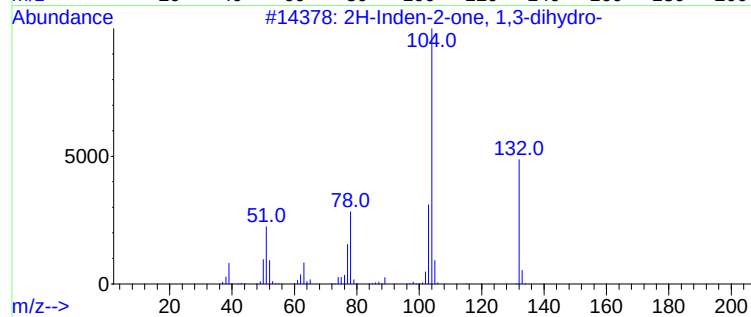
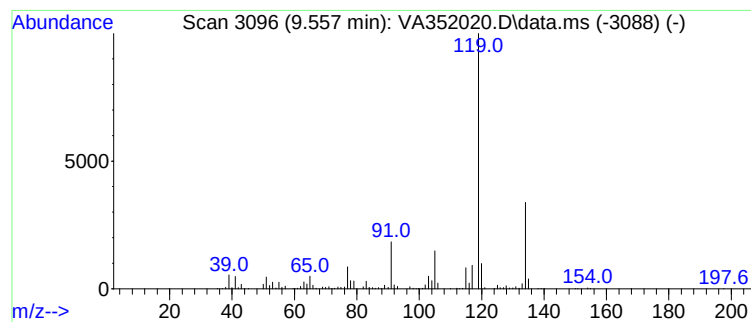
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Quant Title : 8260 SOIL CALIBRATION (FRONT)

TIC Library : C:\Database\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.557	9.40 UG/L	1399610	1,4-DICHLOROBENZENE-D4-ISTD	9.012

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94



Data Path : V:\DATA\121712\
Data File : VA352020.D
Acq On : 17 Dec 2012 1:28 pm
Operator : MFF
Sample : 12L0458-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

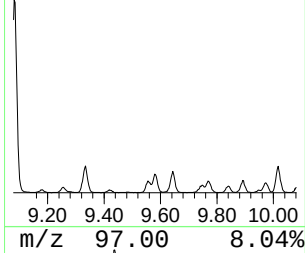
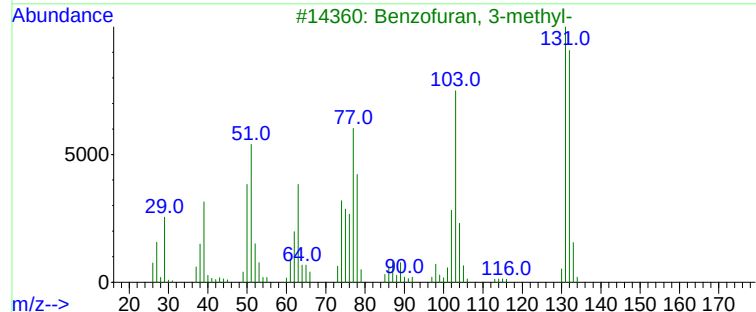
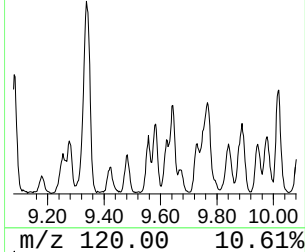
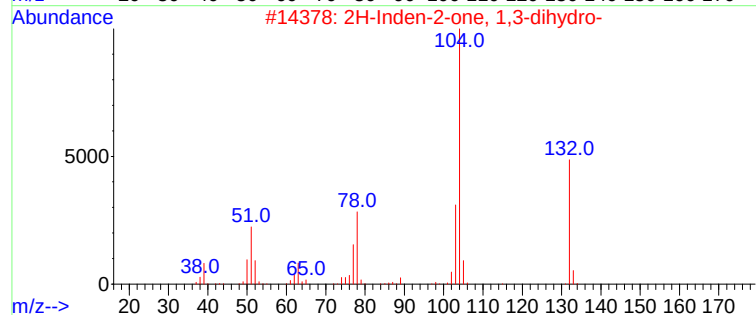
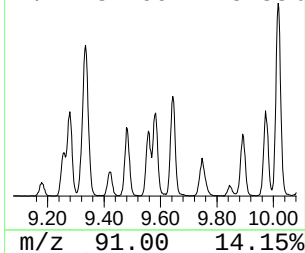
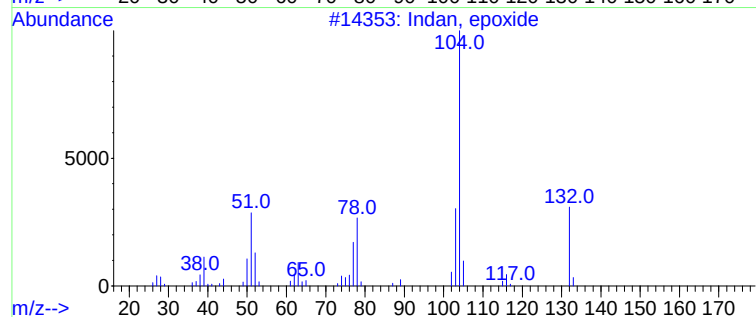
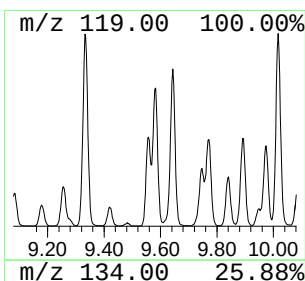
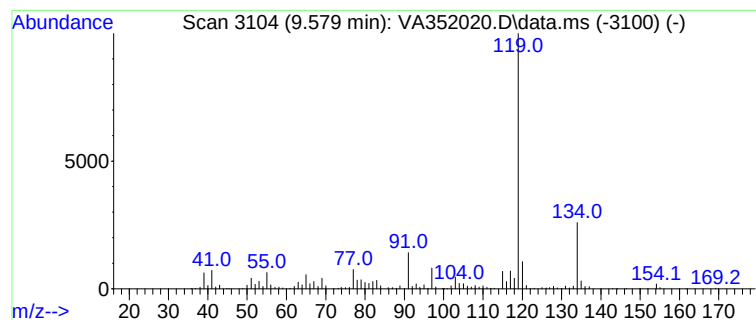
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Quant Title : 8260 SOIL CALIBRATION (FRONT)

TIC Library : C:\Database\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.579	15.07 UG/L	2242790	1,4-DICHLOROBENZENE-D4-ISTD	9.012

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5			Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	91



Data Path : V:\DATA\121712\
Data File : VA352020.D
Acq On : 17 Dec 2012 1:28 pm
Operator : MFF
Sample : 12L0458-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

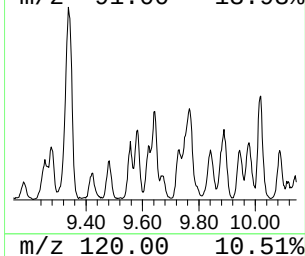
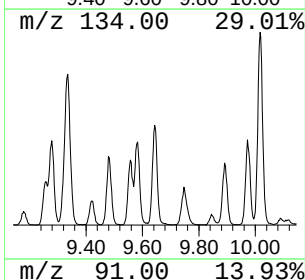
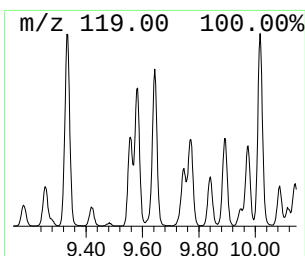
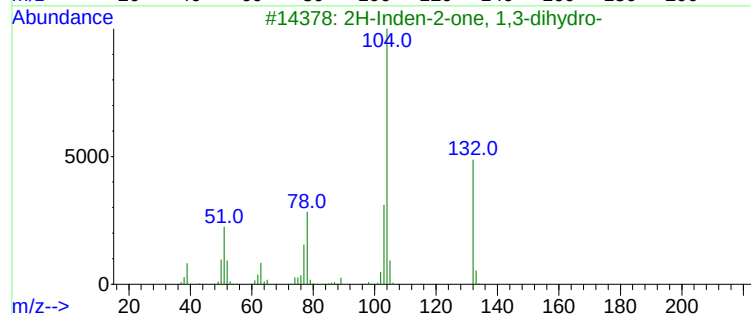
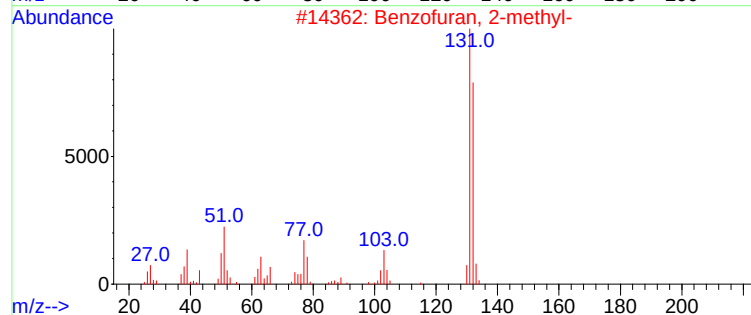
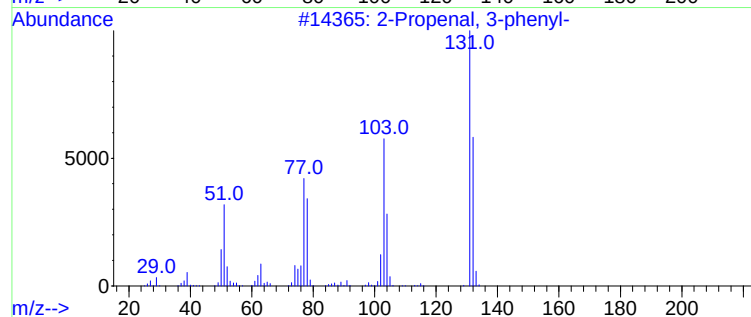
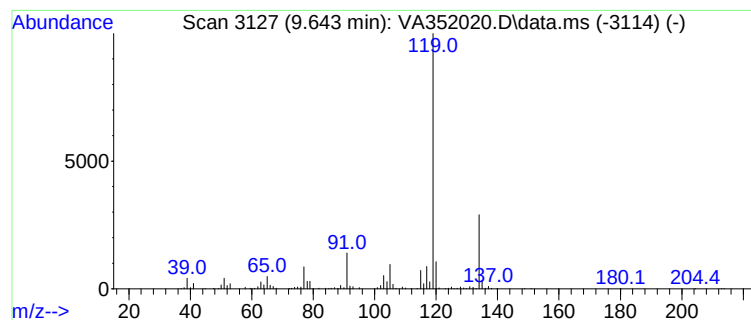
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Quant Title : 8260 SOIL CALIBRATION (FRONT)

TIC Library : C:\Database\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.643	16.54 UG/L	2462150	1,4-DICHLOROBENZENE-D4-ISTD	9.012

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95



Data Path : V:\DATA\121712\
Data File : VA352020.D
Acq On : 17 Dec 2012 1:28 pm
Operator : MFF
Sample : 12L0458-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

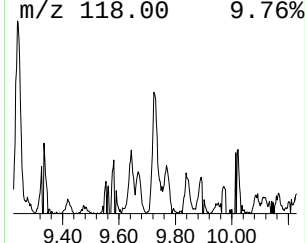
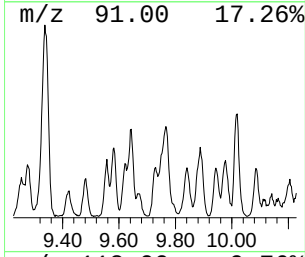
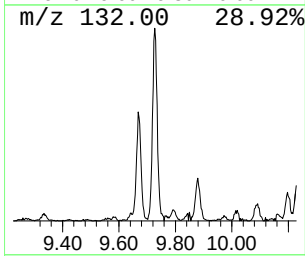
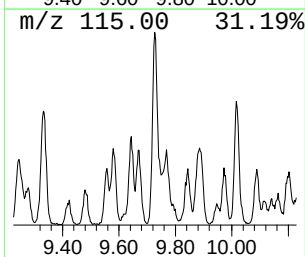
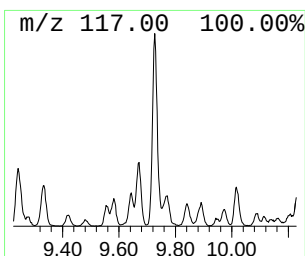
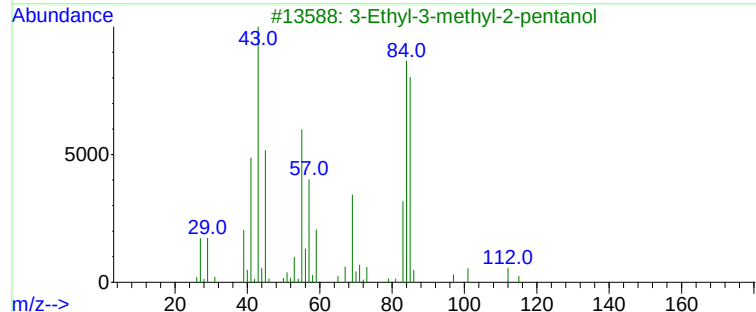
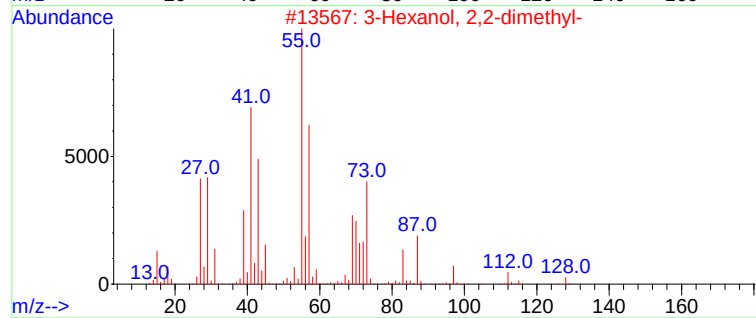
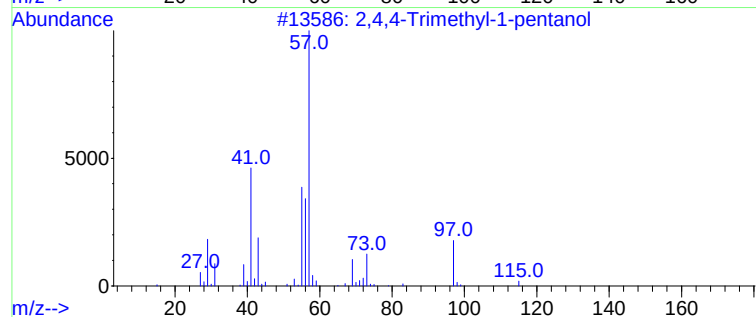
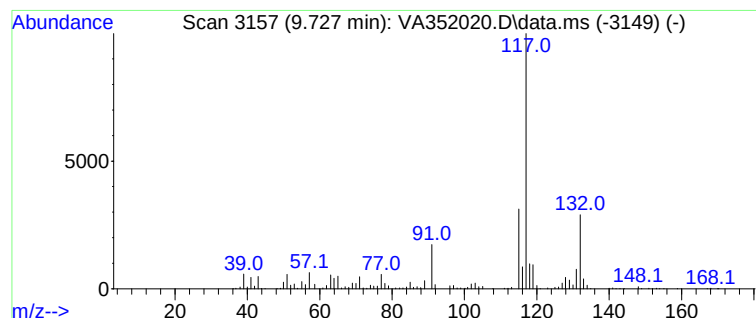
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Quant Title : 8260 SOIL CALIBRATION (FRONT)

TIC Library : C:\Database\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.727	10.61 UG/L	1579110	1,4-DICHLOROBENZENE-D4-ISTD	9.012

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2			Indan, 1-methyl-	132	C10H12	000767-58-8	87
3			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86
4			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
5			1-Phenyl-1-butene	132	C10H12	000824-90-8	83



Data Path : V:\DATA\121712\
Data File : VA352020.D
Acq On : 17 Dec 2012 1:28 pm
Operator : MFF
Sample : 12L0458-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

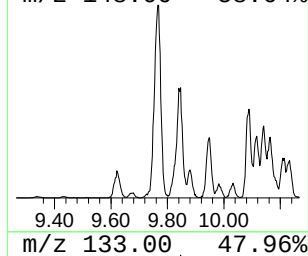
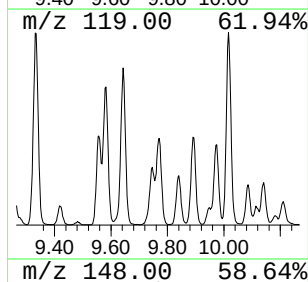
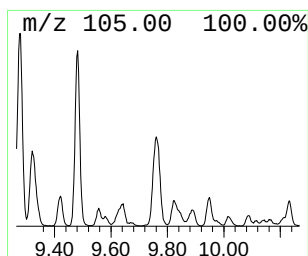
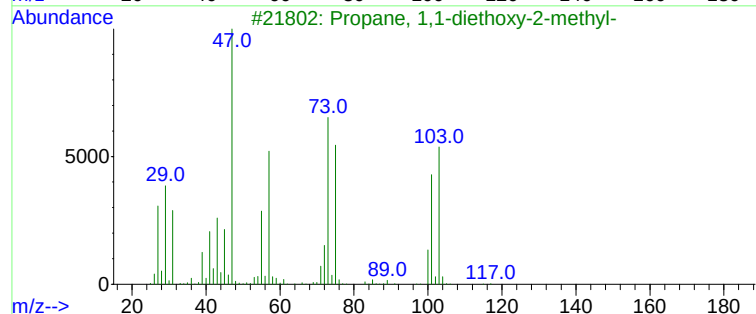
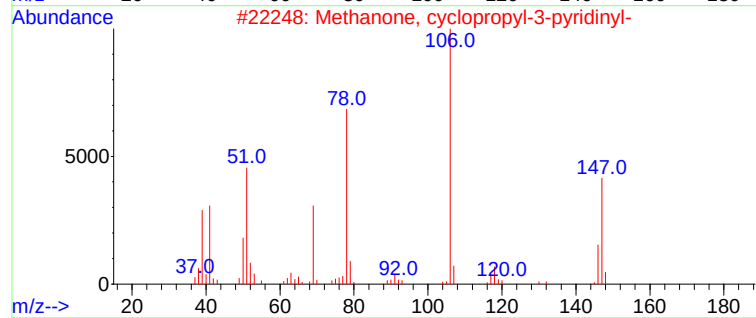
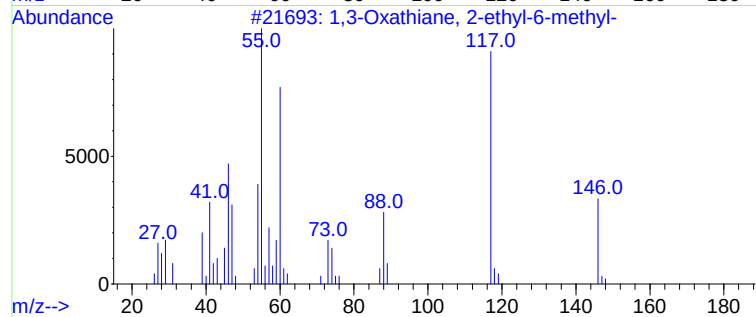
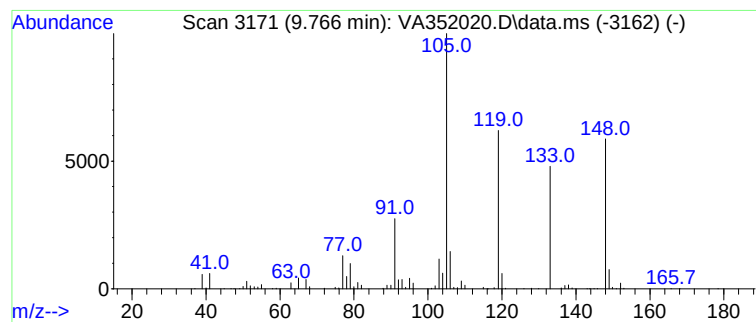
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Quant Title : 8260 SOIL CALIBRATION (FRONT)

TIC Library : C:\Database\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 3-Buten-2-ol, 4-phenyl-, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.766	17.69 UG/L	2633770	1,4-DICHLOROBENZENE-D4-ISTD	9.012

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Buten-2-ol, 4-phenyl-, (E)-	148	C10H12O	1000163-70-9	38
2			3(2H)-Benzofuranone, 6-methyl-	148	C9H8O2	020895-41-4	38
3			Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	38
4			3(2H)-Benzofuranone, 7-methyl-	148	C9H8O2	000669-04-5	38
5			3(2H)-Benzofuranone, 5-methyl-	148	C9H8O2	054120-66-0	38



Data Path : V:\DATA\121712\
Data File : VA352020.D
Acq On : 17 Dec 2012 1:28 pm
Operator : MFF
Sample : 12L0458-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

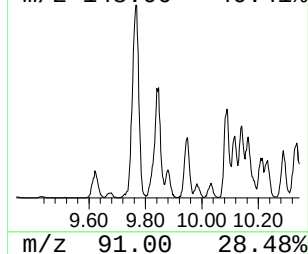
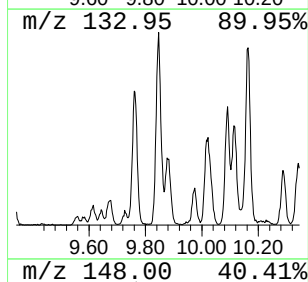
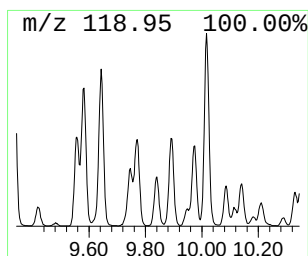
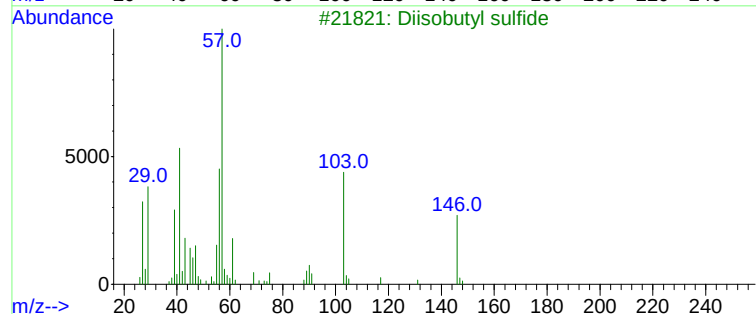
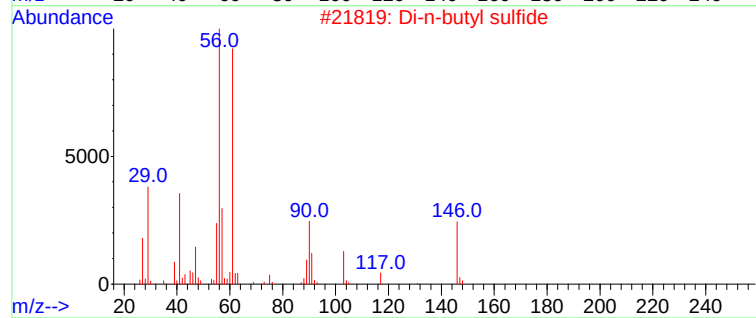
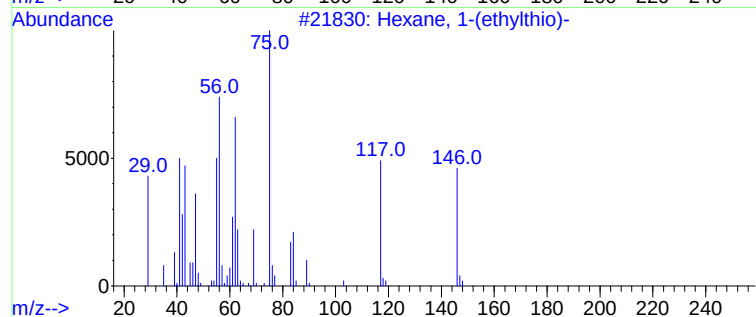
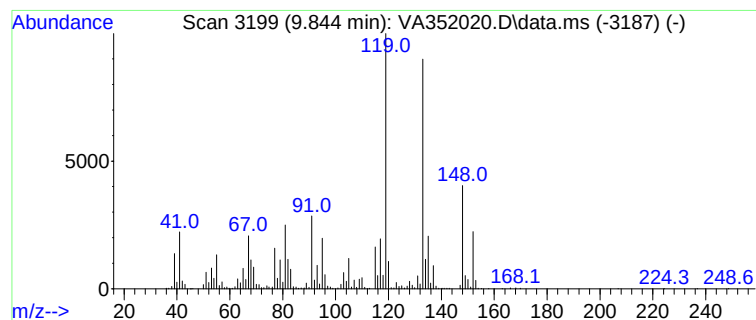
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Quant Title : 8260 SOIL CALIBRATION (FRONT)

TIC Library : C:\Database\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.844	16.51 UG/L	2457040	1,4-DICHLOROBENZENE-D4-ISTD	9.012

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	89
2			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	76
3			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	60
4			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	60
5			Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	49



Data Path : V:\DATA\121712\
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Operator : MFF
Sample : 12L0458-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

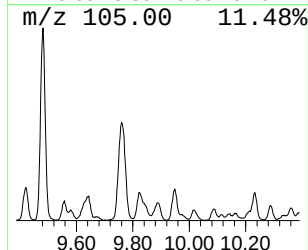
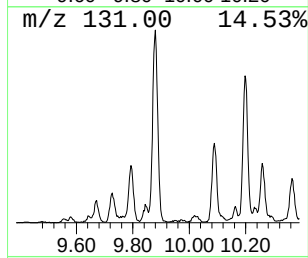
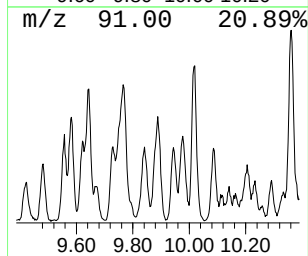
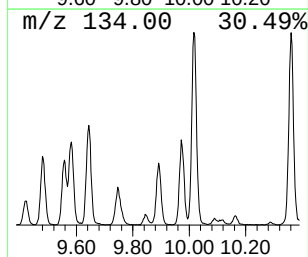
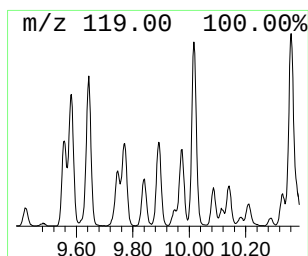
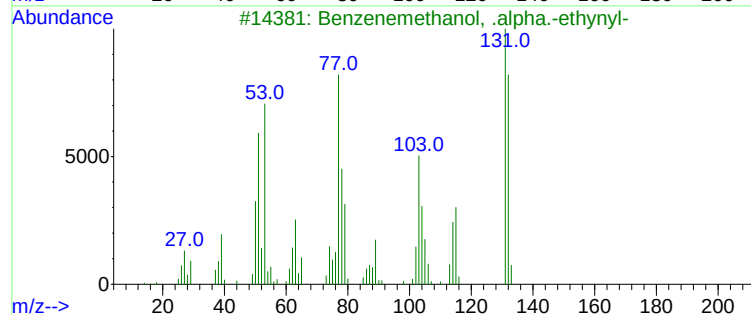
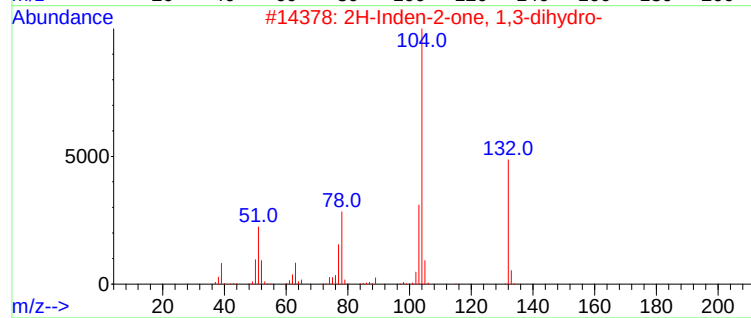
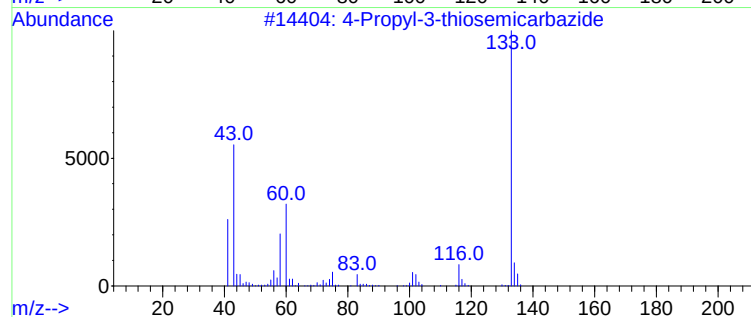
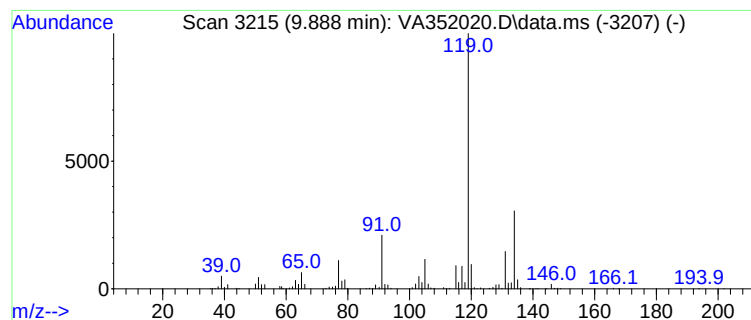
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Quant Title : 8260 SOIL CALIBRATION (FRONT)

TIC Library : C:\Database\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Benzene, 1-methyl-2-(1-meth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.888	15.05 UG/L	2240880	1,4-DICHLOROBENZENE-D4-ISTD	9.012

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93



Data Path : V:\DATA\121712\
Data File : VA352020.D
Acq On : 17 Dec 2012 1:28 pm
Operator : MFF
Sample : 12L0458-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

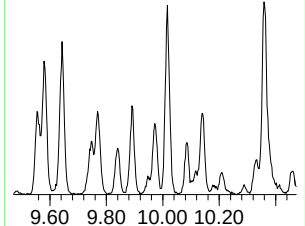
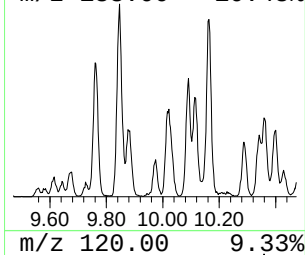
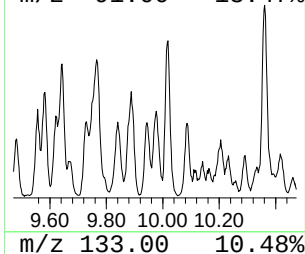
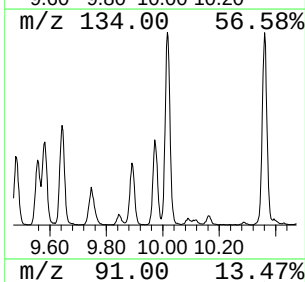
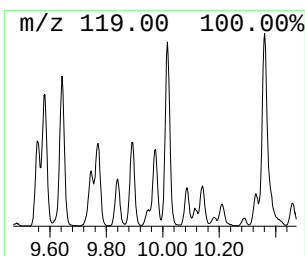
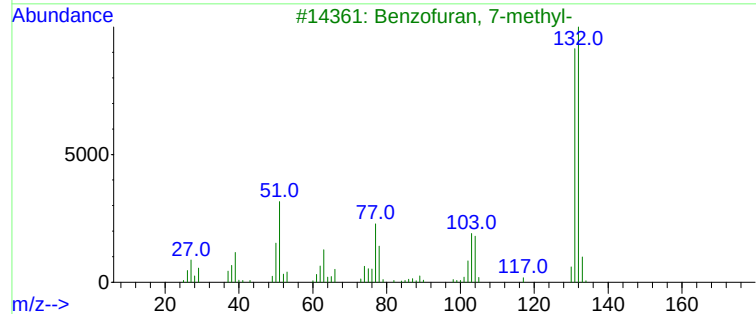
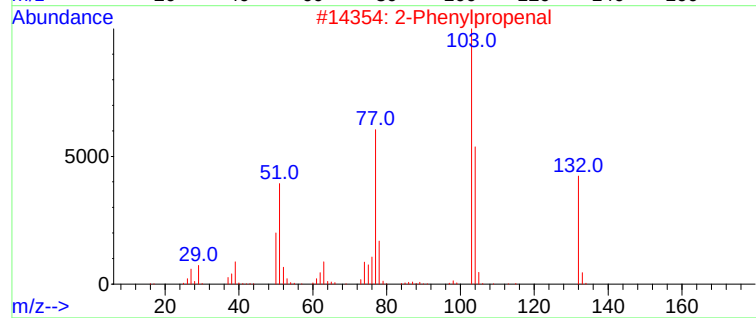
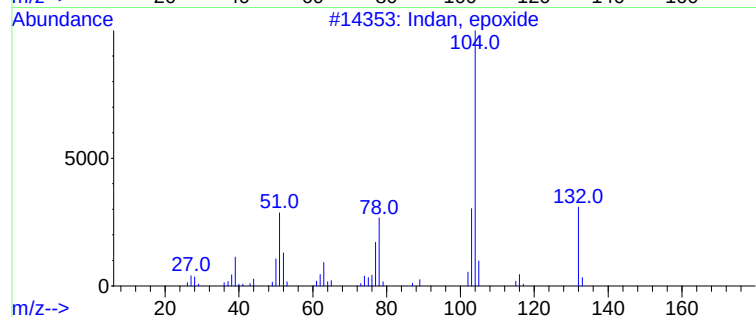
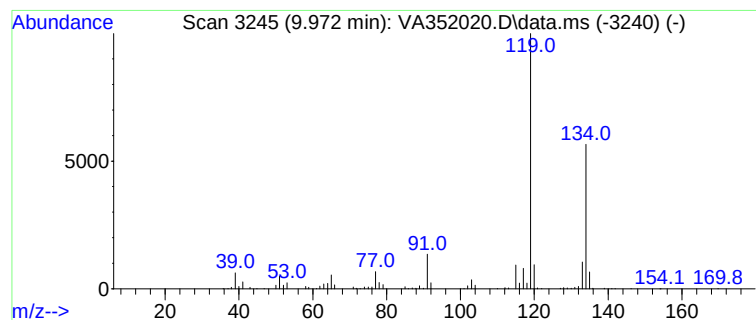
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Quant Title : 8260 SOIL CALIBRATION (FRONT)

TIC Library : C:\Database\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.972	9.41 UG/L	1401100	1,4-DICHLOROBENZENE-D4-ISTD	9.012

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : V:\DATA\121712\
Data File : VA352020.D
Acq On : 17 Dec 2012 1:28 pm
Operator : MFF
Sample : 12L0458-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

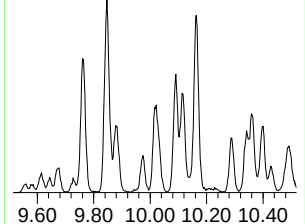
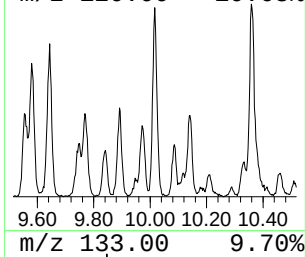
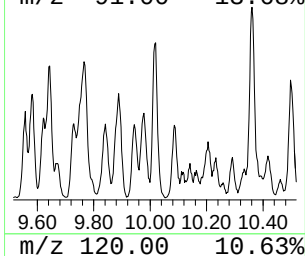
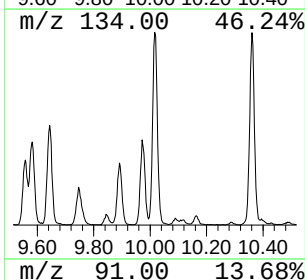
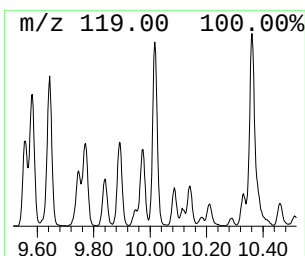
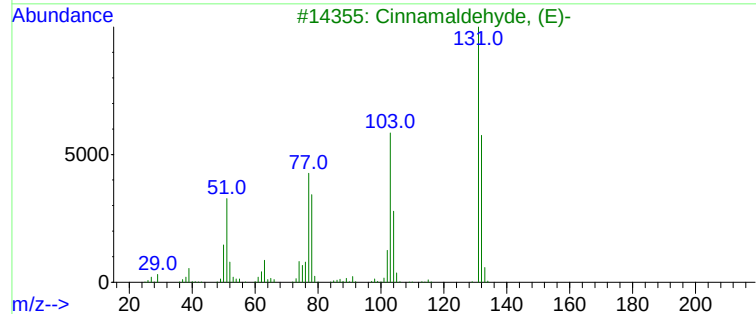
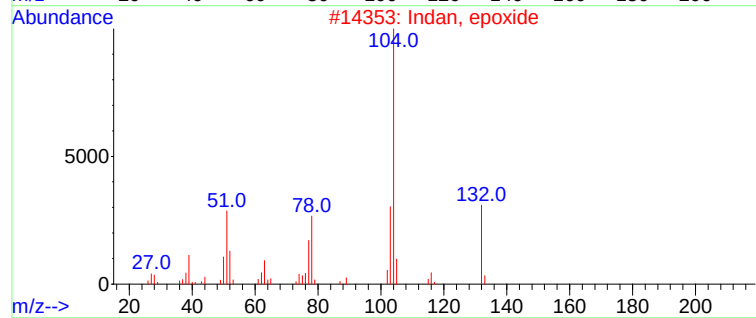
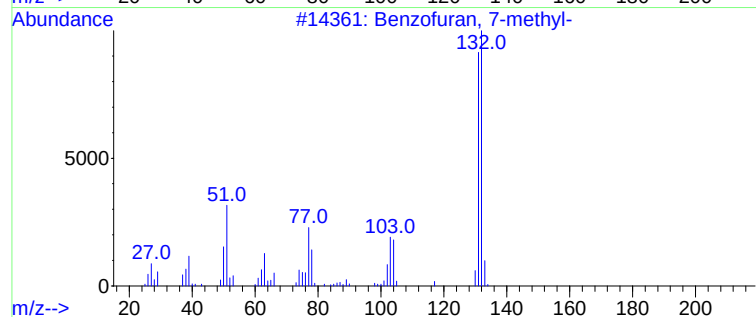
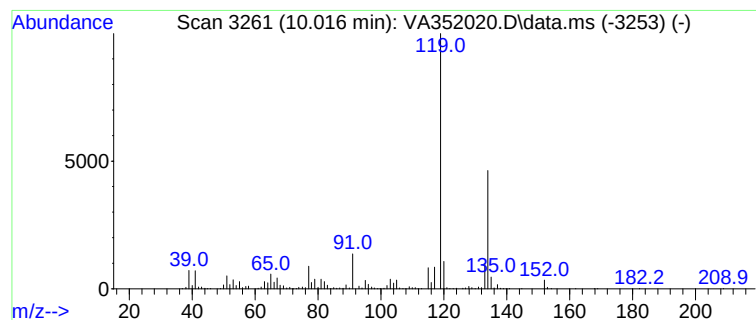
Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)

TIC Library : C:\Database\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.016	28.02 UG/L	4170420	1,4-DICHLOROBENZENE-D4-ISTD	9.012

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94



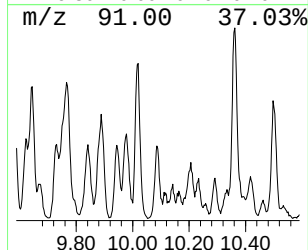
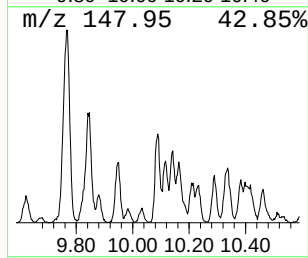
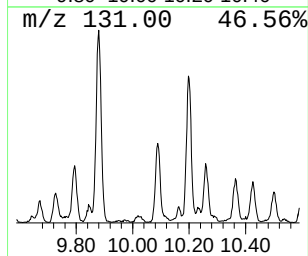
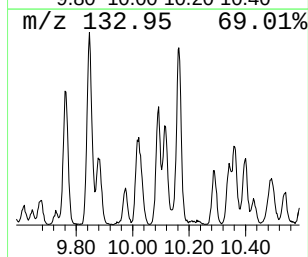
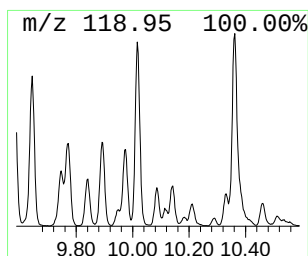
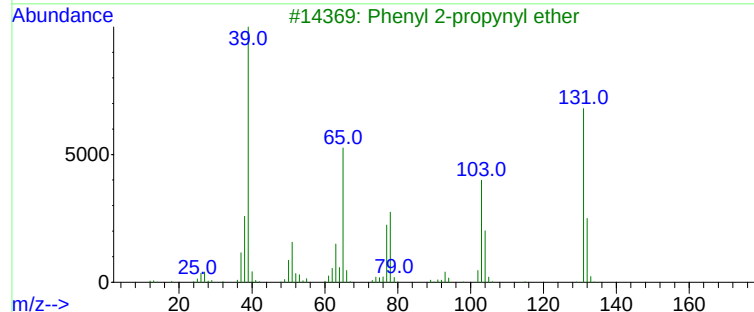
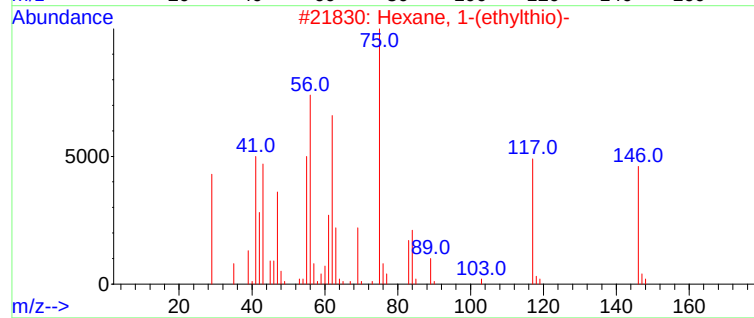
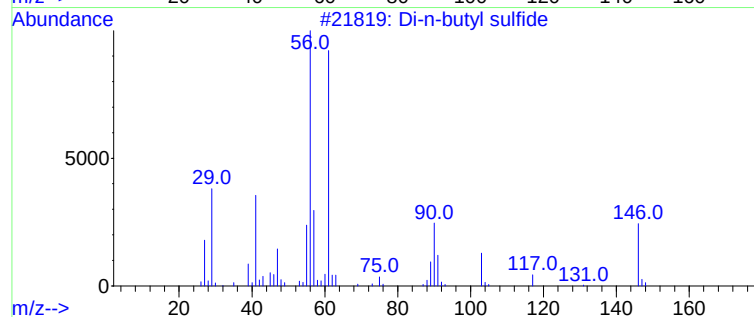
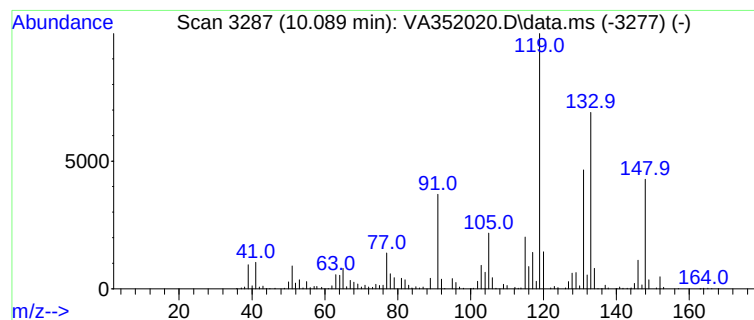
Data Path : V:\DATA\121712\
Data File : VA352020.D
Acq On : 17 Dec 2012 1:28 pm
Operator : MFF
Sample : 12L0458-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)

TIC Library : C:\Database\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.089	9.22 UG/L	1372120	1,4-DICHLORO BENZENE-D4-ISTD	9.012	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	96
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	64
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	50



Data Path : V:\DATA\121712\
Data File : VA352020.D
Acq On : 17 Dec 2012 1:28 pm
Operator : MFF
Sample : 12L0458-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

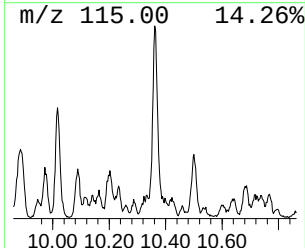
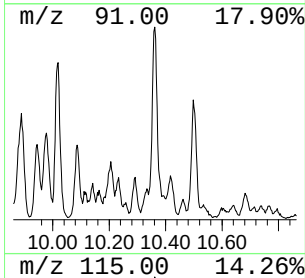
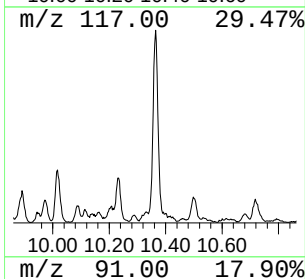
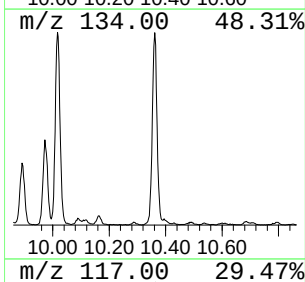
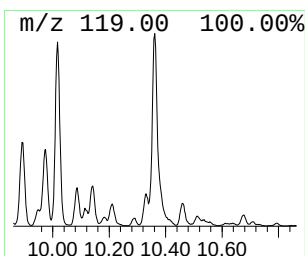
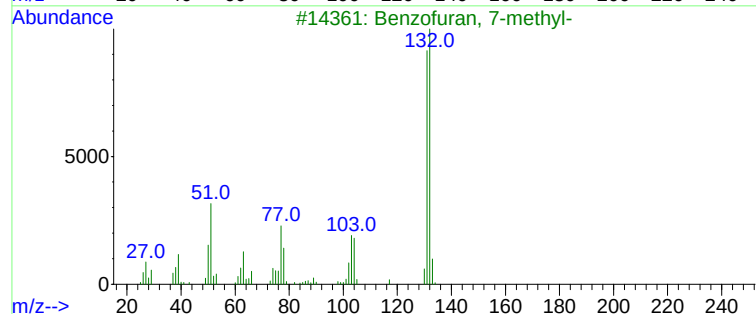
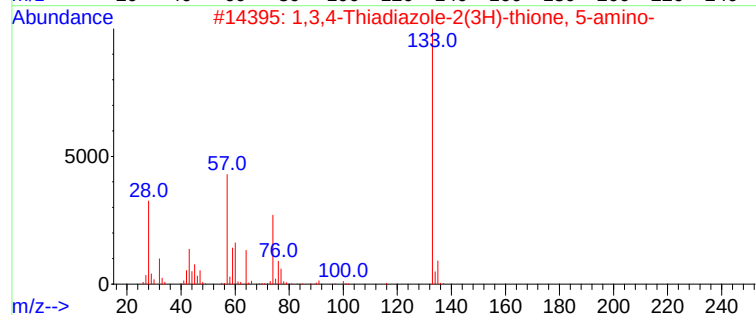
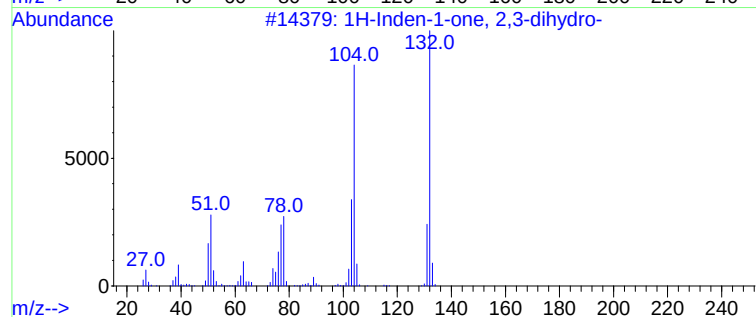
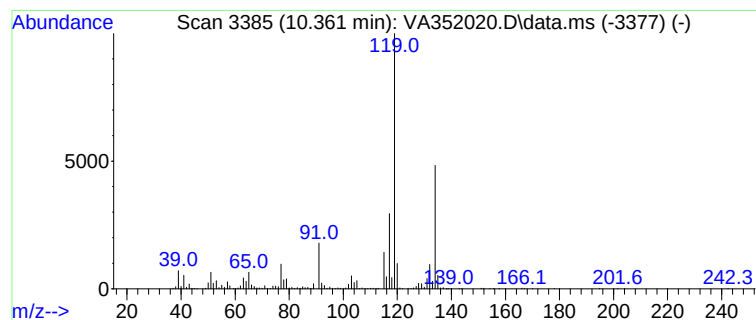
Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)

TIC Library : C:\Database\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.361	28.03 UG/L	4172590	1,4-DICHLOROBENZENE-D4-ISTD	9.012

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
2			Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	87
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81



Data Path : V:\DATA\121712\
 Data File : VA352020.D
 Acq On : 17 Dec 2012 1:28 pm
 Operator : MFF
 Sample : 12L0458-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)

TIC Library : C:\Database\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Cyclohexen-1-...	7.743	14.3	UG/L	1533990	3	7.053	3221240	30.0
Cyclohexane, pr...	7.818	9.5	UG/L	1016670	3	7.053	3221240	30.0
2-Octene, 2,6-d...	8.183	12.1	UG/L	1800950	4	9.012	4465600	30.0
Benzene, 1-ethy...	8.350	13.0	UG/L	1928260	4	9.012	4465600	30.0
Benzene, 1-ethy...	8.586	20.5	UG/L	3046840	4	9.012	4465600	30.0
Benzene, 1,2,3-...	9.081	39.3	UG/L	5846990	4	9.012	4465600	30.0
Benzene, 1,2-di...	9.254	11.8	UG/L	1755600	4	9.012	4465600	30.0
Benzene, 1-meth...	9.276	14.3	UG/L	2133140	4	9.012	4465600	30.0
Benzene, 1-meth...	9.482	14.5	UG/L	2156770	4	9.012	4465600	30.0
Benzene, 2-ethy...	9.557	9.4	UG/L	1399610	4	9.012	4465600	30.0
Benzene, 1,2,3,...	9.579	15.1	UG/L	2242790	4	9.012	4465600	30.0
Benzene, 2-ethy...	9.643	16.5	UG/L	2462150	4	9.012	4465600	30.0
Benzene, 1-ethe...	9.727	10.6	UG/L	1579110	4	9.012	4465600	30.0
3-Buten-2-ol, 4...	9.766	17.7	UG/L	2633770	4	9.012	4465600	30.0
Benzene, 1,3-di...	9.844	16.5	UG/L	2457040	4	9.012	4465600	30.0
Benzene, 1-meth...	9.888	15.1	UG/L	2240880	4	9.012	4465600	30.0
Benzene, 1,2,3,...	9.972	9.4	UG/L	1401100	4	9.012	4465600	30.0
Benzene, 1,2,4,...	10.016	28.0	UG/L	4170420	4	9.012	4465600	30.0
Benzene, 1,3-di...	10.089	9.2	UG/L	1372120	4	9.012	4465600	30.0
Benzene, 2-ethy...	10.361	28.0	UG/L	4172590	4	9.012	4465600	30.0

1 - FORM I

ANALYSIS DATA SHEET

B-22 (0-4ft)

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: 12L0458-03 File ID: VA353009.D
 Sampled: 12/13/12 12:03 Prepared: 12/17/12 05:32 Analyzed: 12/18/12 08:30
 Solids: 75.20 Preparation: SW-846 5035 Dilution: 1
 Initial/Final: 5.17 g / 10 mL
 Batch: B064804 Sequence: S003718 Calibration: 1200210 Instrument: GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone		0.030	0.13	
107-13-1	Acrylonitrile		0.0032	0.0077	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.00090	0.0013	
71-43-2	Benzene		0.00090	0.0026	
108-86-1	Bromobenzene		0.0010	0.0026	
74-97-5	Bromochloromethane		0.0018	0.0026	
75-27-4	Bromodichloromethane		0.00077	0.0026	
75-25-2	Bromoform		0.0018	0.0026	
74-83-9	Bromomethane		0.0022	0.013	
78-93-3	2-Butanone (MEK)		0.023	0.051	
75-65-0	tert-Butyl Alcohol (TBA)		0.027	0.051	
104-51-8	n-Butylbenzene		0.00090	0.0026	
135-98-8	sec-Butylbenzene		0.0013	0.0026	
98-06-6	tert-Butylbenzene		0.0012	0.0026	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.00077	0.0026	
75-15-0	Carbon Disulfide		0.0042	0.0077	
56-23-5	Carbon Tetrachloride		0.0010	0.0026	
108-90-7	Chlorobenzene		0.00090	0.0026	
124-48-1	Chlorodibromomethane		0.00090	0.0013	
75-00-3	Chloroethane		0.0019	0.026	
67-66-3	Chloroform		0.00090	0.0051	
74-87-3	Chloromethane		0.0012	0.013	
95-49-8	2-Chlorotoluene		0.0010	0.0026	
106-43-4	4-Chlorotoluene		0.0010	0.0026	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.0014	0.0026	

1 - FORM I

ANALYSIS DATA SHEET

B-22 (0-4ft)

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: 12L0458-03 File ID: VA353009.D
 Sampled: 12/13/12 12:03 Prepared: 12/17/12 05:32 Analyzed: 12/18/12 08:30
 Solids: 75.20 Preparation: SW-846 5035 Dilution: 1
 Initial/Final: 5.17 g / 10 mL
 Batch: B064804 Sequence: S003718 Calibration: 1200210 Instrument: GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.0013	0.0013	
74-95-3	Dibromomethane		0.00077	0.0026	
95-50-1	1,2-Dichlorobenzene		0.00090	0.0026	
541-73-1	1,3-Dichlorobenzene		0.00090	0.0026	
106-46-7	1,4-Dichlorobenzene		0.0010	0.0026	
110-57-6	trans-1,4-Dichloro-2-butene		0.0015	0.0051	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.0017	0.026	
75-34-3	1,1-Dichloroethane		0.00090	0.0026	
107-06-2	1,2-Dichloroethane		0.0017	0.0026	
75-35-4	1,1-Dichloroethylene		0.0014	0.0051	
156-59-2	cis-1,2-Dichloroethylene	0.0095	0.0010	0.0026	
156-60-5	trans-1,2-Dichloroethylene		0.0012	0.0026	
78-87-5	1,2-Dichloropropane		0.0017	0.0026	
142-28-9	1,3-Dichloropropane		0.00090	0.0013	
594-20-7	2,2-Dichloropropane		0.0012	0.0026	
563-58-6	1,1-Dichloropropene		0.0012	0.0026	
10061-01-5	cis-1,3-Dichloropropene		0.00090	0.0013	
10061-02-6	trans-1,3-Dichloropropene		0.00090	0.0013	
60-29-7	Diethyl Ether		0.0023	0.026	
108-20-3	Diisopropyl Ether (DIPE)		0.00077	0.0013	
123-91-1	1,4-Dioxane		0.074	0.13	
100-41-4	Ethylbenzene		0.0010	0.0026	
87-68-3	Hexachlorobutadiene		0.0013	0.0026	
591-78-6	2-Hexanone (MBK)		0.014	0.026	
98-82-8	Isopropylbenzene (Cumene)		0.00090	0.0026	

1 - FORM I

ANALYSIS DATA SHEET

B-22 (0-4ft)

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458				
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners				
Matrix:	Soil	Laboratory ID:	12L0458-03	File ID:	VA353009.D		
Sampled:	12/13/12 12:03	Prepared:	12/17/12 05:32	Analyzed:	12/18/12 08:30		
Solids:	75.20	Preparation:	SW-846 5035	Dilution:	1		
Initial/Final:	5.17 g / 10 mL						
Batch:	B064804	Sequence:	S003718	Calibration:	1200210	Instrument:	GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.0010	0.0026	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.0012	0.0051	
75-09-2	Methylene Chloride		0.0091	0.026	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0098	0.026	
91-20-3	Naphthalene		0.00090	0.0051	
103-65-1	n-Propylbenzene		0.00090	0.0026	
100-42-5	Styrene		0.00077	0.0026	
630-20-6	1,1,1,2-Tetrachloroethane		0.0012	0.0026	
79-34-5	1,1,2,2-Tetrachloroethane		0.0012	0.0013	
127-18-4	Tetrachloroethylene	0.0099	0.0017	0.0026	
109-99-9	Tetrahydrofuran		0.0028	0.013	
108-88-3	Toluene		0.0010	0.0026	
87-61-6	1,2,3-Trichlorobenzene		0.00077	0.0026	
120-82-1	1,2,4-Trichlorobenzene		0.0010	0.0026	
108-70-3	1,3,5-Trichlorobenzene		0.00090	0.0026	
71-55-6	1,1,1-Trichloroethane		0.0013	0.0026	
79-00-5	1,1,2-Trichloroethane		0.0015	0.0026	
79-01-6	Trichloroethylene	0.0043	0.0012	0.0026	
75-69-4	Trichlorofluoromethane (Freon 11)		0.0014	0.013	
96-18-4	1,2,3-Trichloropropane		0.0014	0.0026	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		0.0012	0.013	
95-63-6	1,2,4-Trimethylbenzene		0.0010	0.0026	
108-67-8	1,3,5-Trimethylbenzene		0.00077	0.0026	
75-01-4	Vinyl Chloride	0.016	0.0014	0.013	
108383/106423	m+p Xylene		0.0022	0.0051	

1 - FORM I

ANALYSIS DATA SHEET

B-22 (0-4ft)

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458				
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners				
Matrix:	Soil	Laboratory ID:	12L0458-03	File ID:	VA353009.D		
Sampled:	12/13/12 12:03	Prepared:	12/17/12 05:32	Analyzed:	12/18/12 08:30		
Solids:	75.20	Preparation:	SW-846 5035	Dilution:	1		
Initial/Final:	5.17 g / 10 mL						
Batch:	B064804	Sequence:	S003718	Calibration:	1200210	Instrument:	GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
95-47-6	o-Xylene		0.00090	0.0026	
	No TICs Found	0.0			

Data File : V:\DATA\121812\VA353009.D
 Acq On : 18 Dec 2012 8:30 am
 Sample : 12L0458-03
 InstName : GCMSVOA1
 Misc :
 Quant Time: Dec 18 08:52:48 2012

Vial: 9
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

146

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 13:10:19 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.838	168	819503	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.520	114	1263457	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.052	117	1104138	30.00	UG/L	0.00
86) 1,4-DICHLOROBENZENE-D4...	9.010	152	436844	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.092	65	298042	26.40	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	105.60%	
48) TOLUENE SS	5.828	98	1221118	23.99	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	95.96%	
69) 4-BROMOFLUROBENZENE SS	8.045	95	374589	21.02	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	84.08%	
Target Compounds						Qvalue
6) VINYL CHLORIDE	1.134	62	109611	6.235	UG/L	98
12) ACETONE	1.841	58	5745	8.160	UG/L	100
14) 1,1-DICHLOROETHENE	1.813	96	1546	0.107	UG/L	84
21) METHYLENE CHLORIDE	2.139	49	25072	Below	Cal	94
31) CIS-1,2-DICHLOROETHENE	3.293	96	47266	3.678	UG/L	83
40) CYCLOHEXANE	3.841	56	19749	Below	Cal	# 36
50) TRICHLOROETHENE	4.748	95	23947	1.676	UG/L	97
64) TETRACHLOROETHENE	6.348	164	48225	3.826	UG/L	95

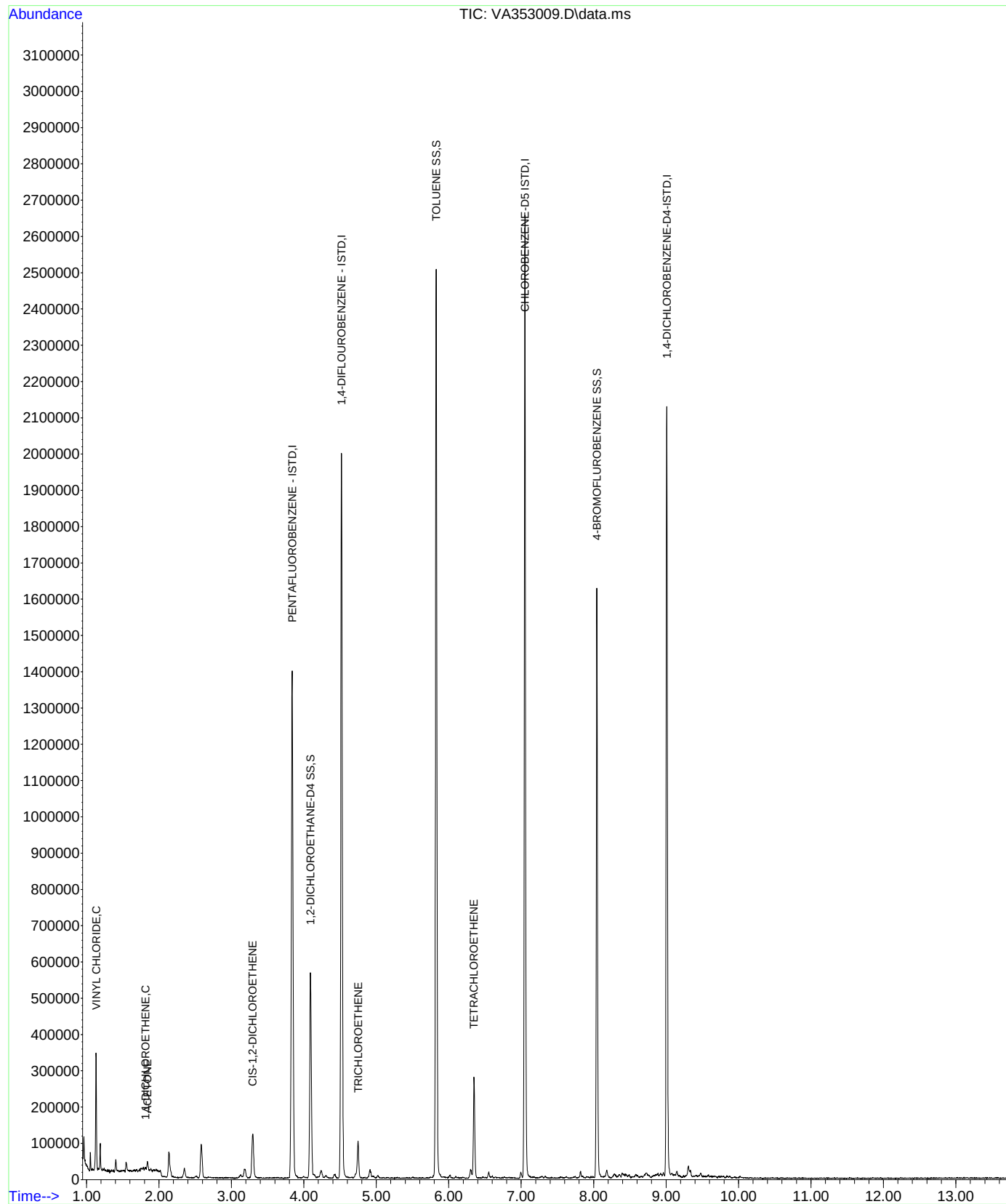
(#) = qualifier out of range (m) = manual integration (+) = signals summed

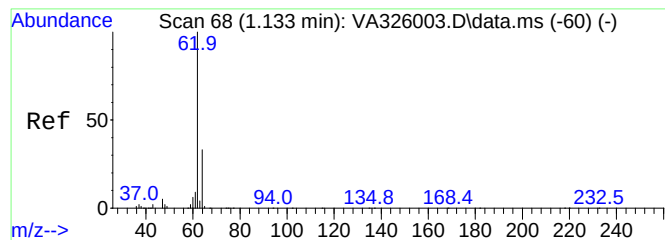
Data File : V:\DATA\121812\VA353009.D
Acq On : 18 Dec 2012 8:30 am
Sample : 12L0458-03
InstName : GCMSVOA1
Misc :
Quant Time: Dec 18 08:52:48 2012

Vial: 9
Operator: MFF
Inst : GCMSVOA1
Multiplr: 1.00

147

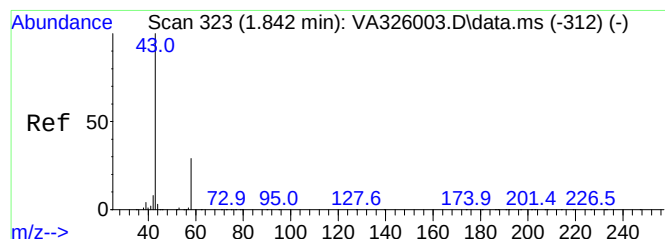
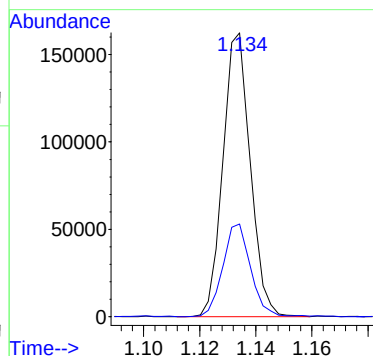
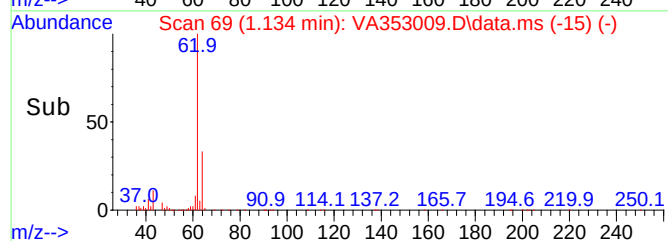
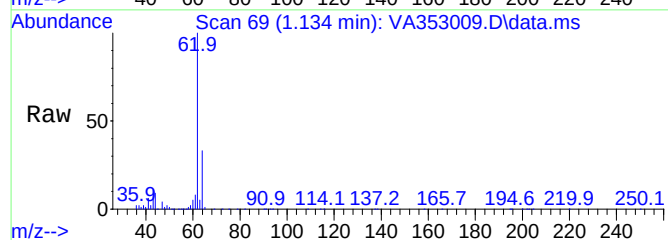
Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Mon Nov 12 13:10:19 2012
Response via : Initial Calibration
DataAcq Meth:821205S8





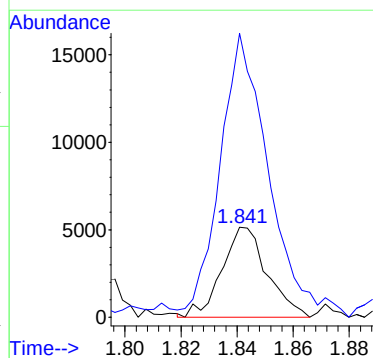
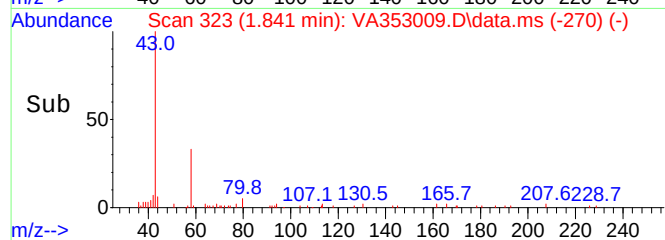
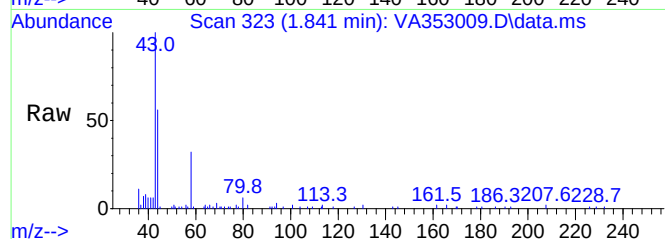
#6
VINYL CHLORIDE
Concen: 6.23 UG/L
RT: 1.134 min Scan# 69
Delta R.T. 0.001 min
Lab File: VA353009.D
Acq: 18 Dec 2012 8:30 am

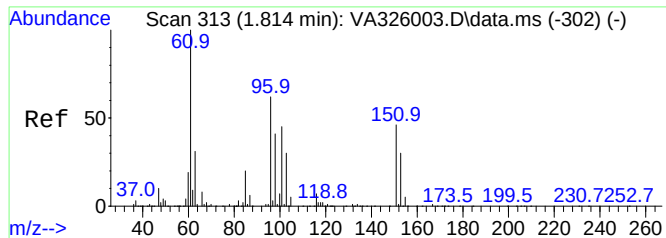
Tgt Ion: 62 Resp: 109611
Ion Ratio Lower Upper
62 100
64 33.3 25.8 38.6



#12
ACETONE
Concen: 8.16 UG/L
RT: 1.841 min Scan# 323
Delta R.T. -0.001 min
Lab File: VA353009.D
Acq: 18 Dec 2012 8:30 am

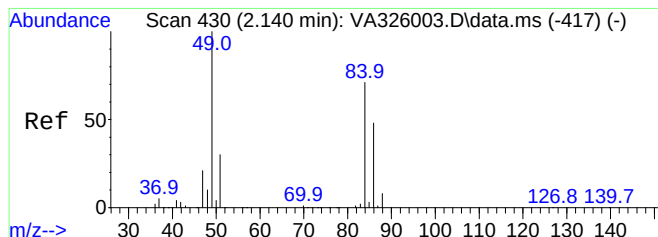
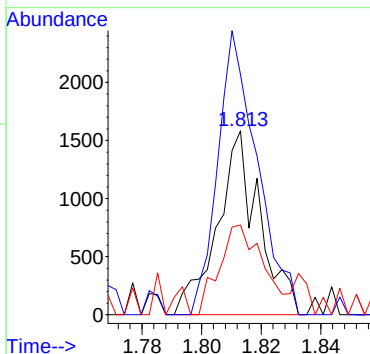
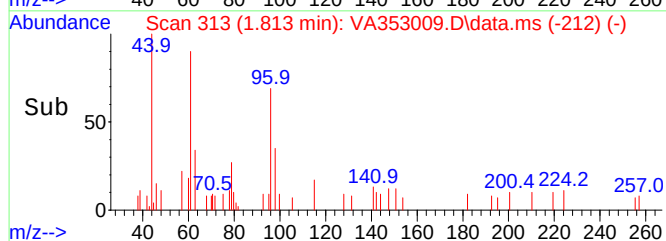
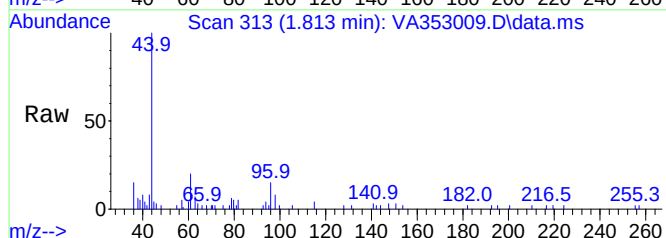
Tgt Ion: 58 Resp: 5745
Ion Ratio Lower Upper
58 100
43 340.8 273.3 409.9





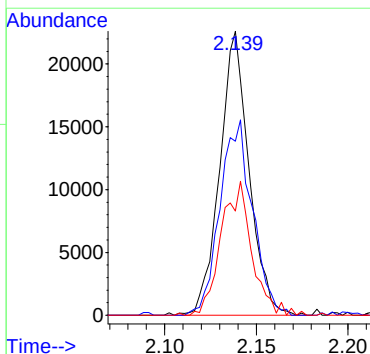
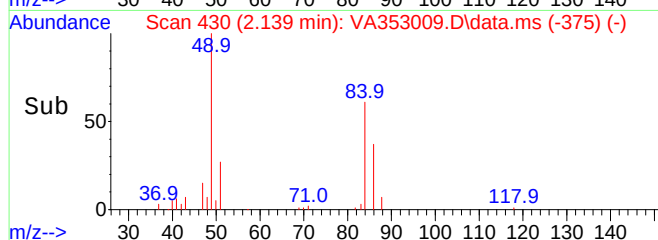
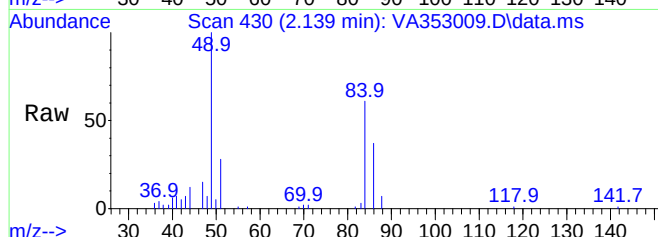
#14
1,1-DICHLOROETHENE
Concen: 0.11 UG/L
RT: 1.813 min Scan# 313
Delta R.T. -0.002 min
Lab File: VA353009.D
Acq: 18 Dec 2012 8:30 am

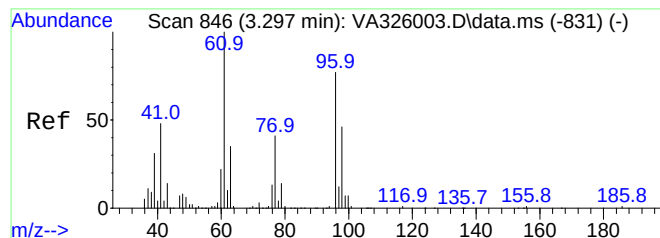
Tgt Ion: 96 Resp: 1546
Ion Ratio Lower Upper
96 100
61 145.9 137.6 206.4
63 50.4 44.3 66.5



#21
METHYLENE CHLORIDE
Concen: Below Cal
RT: 2.139 min Scan# 430
Delta R.T. 0.001 min
Lab File: VA353009.D
Acq: 18 Dec 2012 8:30 am

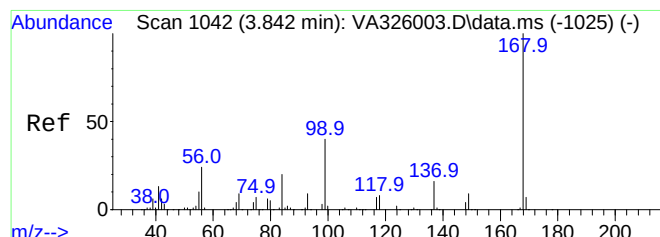
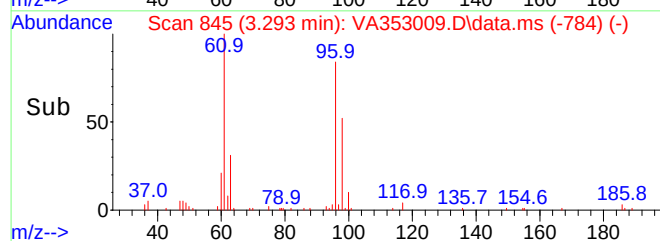
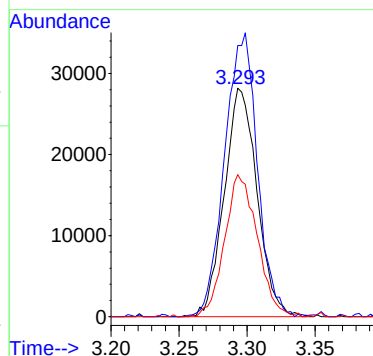
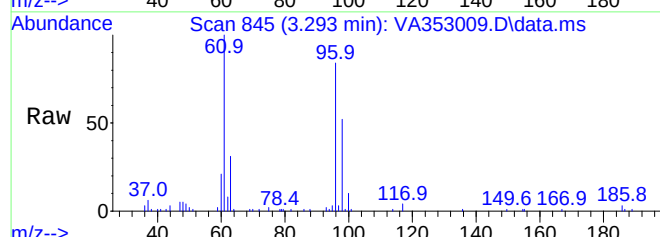
Tgt Ion: 49 Resp: 25072
Ion Ratio Lower Upper
49 100
84 76.2 55.8 83.8
86 49.2 37.3 55.9





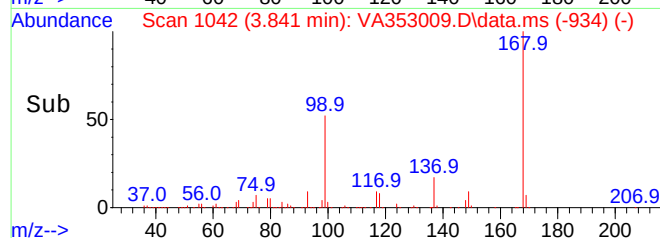
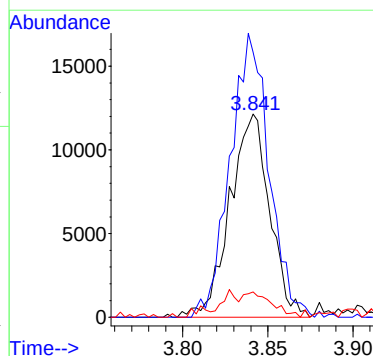
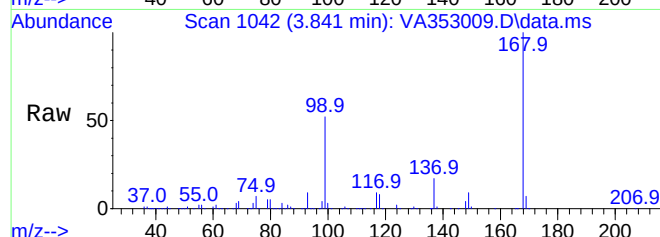
#31
CIS-1,2-DICHLOROETHENE
Concen: 3.68 UG/L
RT: 3.293 min Scan# 845
Delta R.T. -0.002 min
Lab File: VA353009.D
Acq: 18 Dec 2012 8:30 am

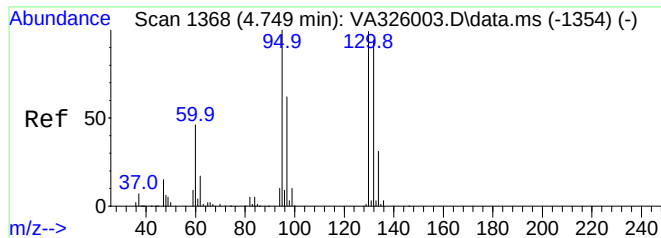
Tgt Ion: 96 Resp: 47266
Ion Ratio Lower Upper
96 100
61 124.1 121.8 182.6
98 62.0 52.2 78.2



#40
CYCLOHEXANE
Concen: Below Cal
RT: 3.841 min Scan# 1042
Delta R.T. 0.001 min
Lab File: VA353009.D
Acq: 18 Dec 2012 8:30 am

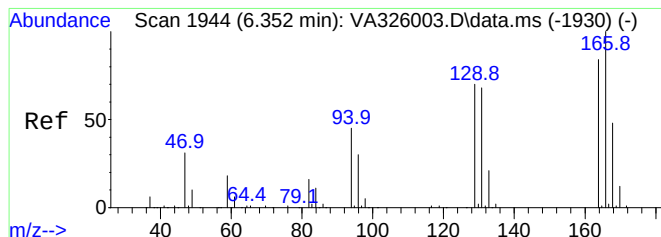
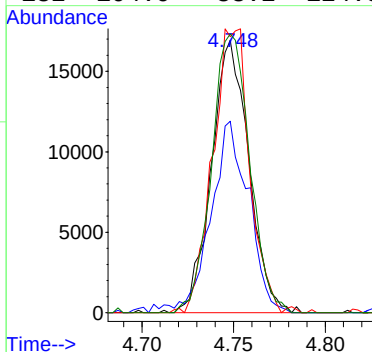
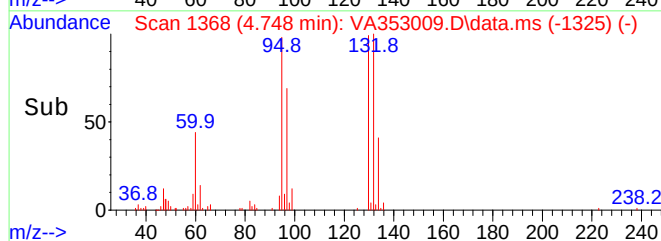
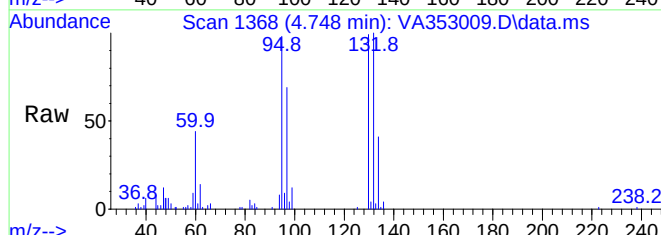
Tgt Ion: 56 Resp: 19749
Ion Ratio Lower Upper
56 100
84 136.4 64.5 96.7#
41 9.0 44.6 67.0#





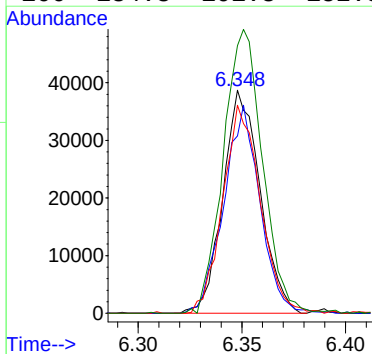
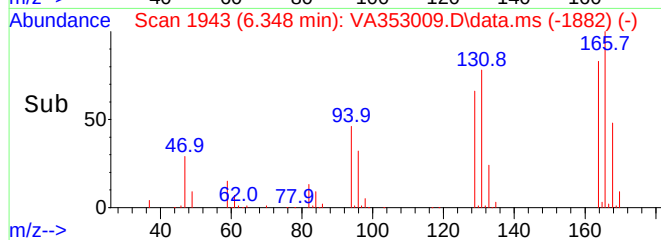
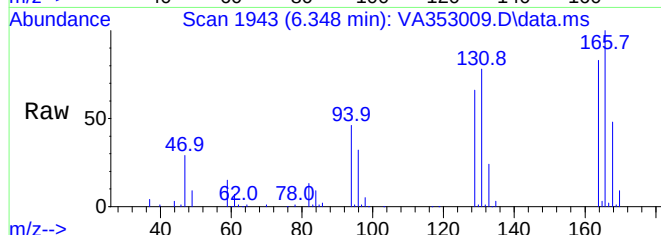
#50
TRICHLOROETHENE
Concen: 1.68 UG/L
RT: 4.748 min Scan# 1368
Delta R.T. 0.001 min
Lab File: VA353009.D
Acq: 18 Dec 2012 8:30 am

Tgt Ion: 95 Resp: 23947
Ion Ratio Lower Upper
95 100
97 71.6 51.3 76.9
130 102.9 82.2 123.4
132 104.9 83.2 124.8



#64
TETRACHLOROETHENE
Concen: 3.83 UG/L
RT: 6.348 min Scan# 1943
Delta R.T. -0.001 min
Lab File: VA353009.D
Acq: 18 Dec 2012 8:30 am

Tgt Ion: 164 Resp: 48225
Ion Ratio Lower Upper
164 100
129 90.8 71.4 107.2
131 94.3 70.6 105.8
166 134.3 101.8 152.8



Data Path : V:\DATA\121812\
 Data File : VA353009.D
 Acq On : 18 Dec 2012 8:30 am
 Operator : MFF
 Sample : 12L0458-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Integration Parameters: rteint.p

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Title : 8260 SOIL CALIBRATION (FRONT)

Signal : TIC: VA353009.D\data.ms

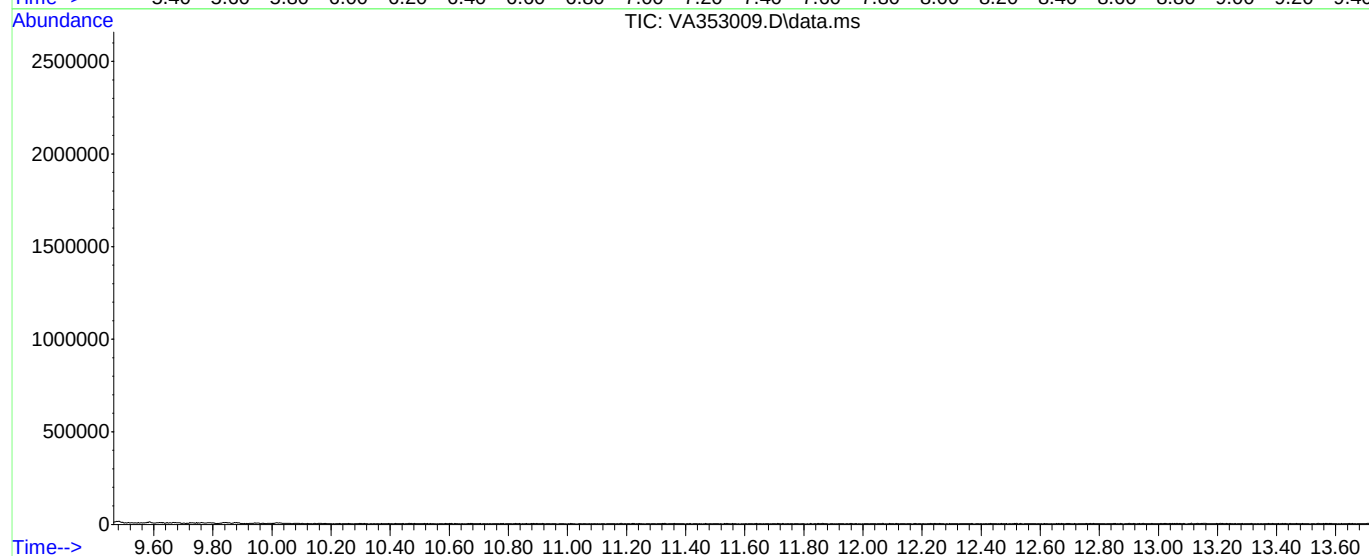
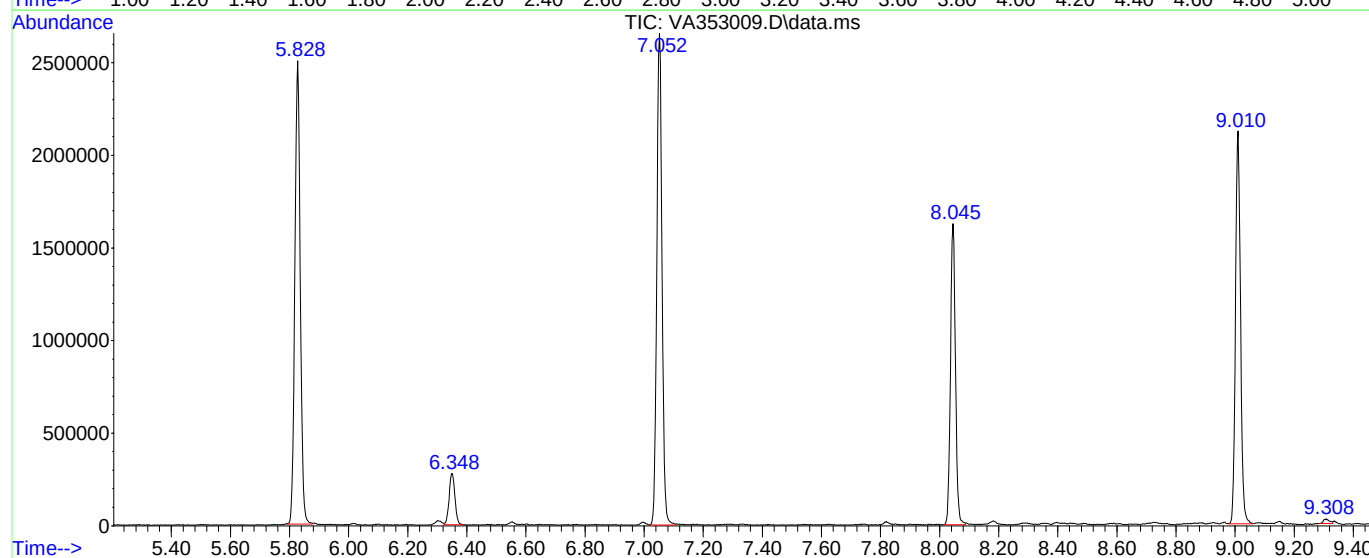
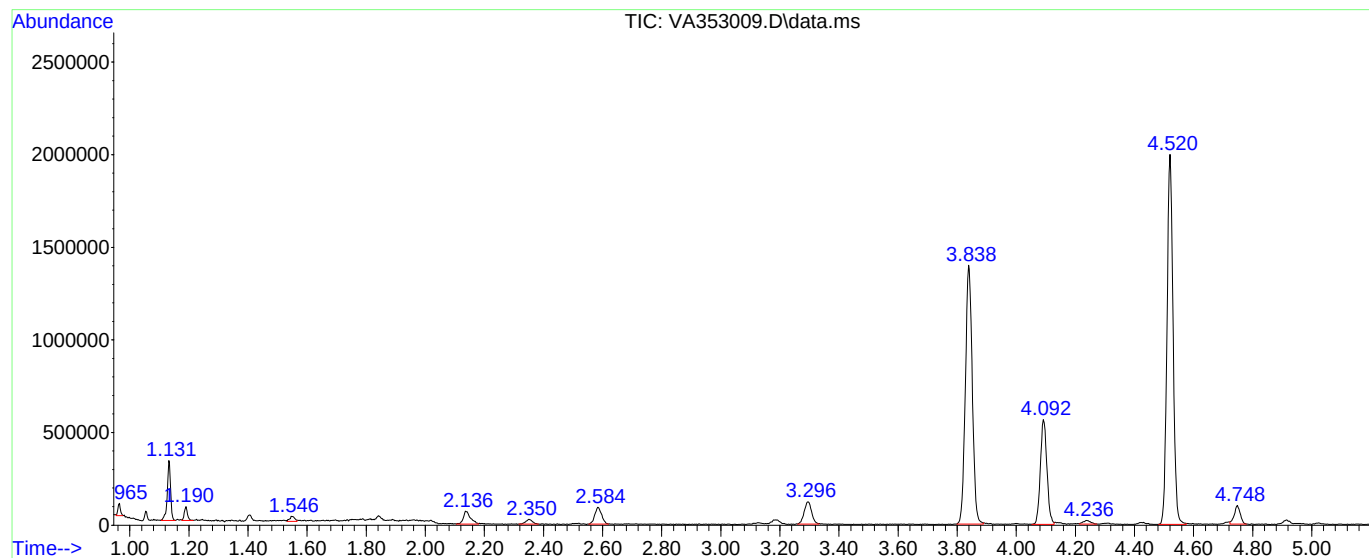
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	0.965	4	8	12	rVB	66875	38784	1.20%	0.212%
2	1.131	59	68	76	rVB2	323728	251067	7.78%	1.373%
3	1.190	84	89	98	rVB	75268	55528	1.72%	0.304%
4	1.546	212	217	224	rBV4	27952	32980	1.02%	0.180%
5	2.136	418	429	445	rBV5	69613	113138	3.51%	0.619%
6	2.350	494	506	518	rBV4	25838	40375	1.25%	0.221%
7	2.584	579	590	603	rBV2	91491	144566	4.48%	0.790%
8	3.296	833	846	859	rBV2	120322	209753	6.50%	1.147%
9	3.838	1027	1041	1059	rBV	1397317	2271416	70.39%	12.419%
10	4.092	1118	1132	1145	rBV2	565958	868921	26.93%	4.751%
11	4.236	1176	1184	1197	rVB3	19183	33840	1.05%	0.185%
12	4.520	1272	1286	1306	rBV	1997127	2835252	87.87%	15.501%
13	4.748	1359	1368	1379	rVB3	99727	139456	4.32%	0.762%
14	5.828	1743	1756	1774	rBV	2500443	3192985	98.95%	17.457%
15	6.348	1934	1943	1958	rVB4	277517	375369	11.63%	2.052%
16	7.052	2184	2196	2216	rBV	2653684	3226751	100.00%	17.642%
17	8.045	2542	2553	2568	rBV	1624644	1897835	58.82%	10.376%
18	9.010	2889	2900	2918	rBV	2121112	2524899	78.25%	13.804%
19	9.308	2999	3007	3015	rBV9	26231	37532	1.16%	0.205%

Sum of corrected areas: 18290447

Data Path : V:\DATA\121812\
Data File : VA353009.D
Acq On : 18 Dec 2012 8:30 am
Operator : MFF
Sample : 12L0458-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)

TIC Library : C:\DATABASE\NIST98.L
TIC Integration Parameters: LSCINT.P



Data Path : V:\DATA\121812\
Data File : VA353009.D
Acq On : 18 Dec 2012 8:30 am
Operator : MFF
Sample : 12L0458-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)

TIC Library : C:\DATABASE\NIST98.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

Data Path : V:\DATA\121812\
Data File : VA353009.D
Acq On : 18 Dec 2012 8:30 am
Operator : MFF
Sample : 12L0458-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)

TIC Library : C:\DATABASE\NIST98.L
TIC Integration Parameters: LSCINT.P

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

1 - FORM I

ANALYSIS DATA SHEET

B-25 (5-6ft)

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: 12L0458-04 File ID: VA352022.D
 Sampled: 12/13/12 13:00 Prepared: 12/17/12 05:32 Analyzed: 12/17/12 14:22
 Solids: 82.80 Preparation: SW-846 5035 Dilution: 1
 Initial/Final: 5.56 g / 10 mL
 Batch: B064751 Sequence: S003711 Calibration: 1200210 Instrument: GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone		0.025	0.11	V-16
107-13-1	Acrylonitrile		0.0027	0.0065	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.00076	0.0011	
71-43-2	Benzene		0.00076	0.0022	
108-86-1	Bromobenzene		0.00087	0.0022	
74-97-5	Bromochloromethane		0.0015	0.0022	
75-27-4	Bromodichloromethane		0.00065	0.0022	
75-25-2	Bromoform		0.0015	0.0022	
74-83-9	Bromomethane		0.0018	0.011	
78-93-3	2-Butanone (MEK)		0.019	0.043	V-16
75-65-0	tert-Butyl Alcohol (TBA)		0.023	0.043	V-16
104-51-8	n-Butylbenzene		0.00076	0.0022	
135-98-8	sec-Butylbenzene		0.0011	0.0022	
98-06-6	tert-Butylbenzene		0.00098	0.0022	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.00065	0.0011	
75-15-0	Carbon Disulfide		0.0036	0.0065	
56-23-5	Carbon Tetrachloride		0.00087	0.0022	
108-90-7	Chlorobenzene		0.00076	0.0022	
124-48-1	Chlorodibromomethane		0.00076	0.0011	
75-00-3	Chloroethane		0.0016	0.022	
67-66-3	Chloroform		0.00076	0.0043	
74-87-3	Chloromethane		0.00098	0.011	
95-49-8	2-Chlorotoluene		0.00087	0.0022	
106-43-4	4-Chlorotoluene		0.00087	0.0022	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.0012	0.0022	V-16

1 - FORM I

ANALYSIS DATA SHEET

B-25 (5-6ft)

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458				
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners				
Matrix:	Soil	Laboratory ID:	12L0458-04	File ID:	VA352022.D		
Sampled:	12/13/12 13:00	Prepared:	12/17/12 05:32	Analyzed:	12/17/12 14:22		
Solids:	82.80	Preparation:	SW-846 5035	Dilution:	1		
Initial/Final:	5.56 g / 10 mL						
Batch:	B064751	Sequence:	S003711	Calibration:	1200210	Instrument:	GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.0011	0.0011	
74-95-3	Dibromomethane		0.00065	0.0022	
95-50-1	1,2-Dichlorobenzene		0.00076	0.0022	
541-73-1	1,3-Dichlorobenzene		0.00076	0.0022	
106-46-7	1,4-Dichlorobenzene		0.00087	0.0022	
110-57-6	trans-1,4-Dichloro-2-butene		0.0013	0.0043	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.0014	0.022	
75-34-3	1,1-Dichloroethane		0.00076	0.0022	
107-06-2	1,2-Dichloroethane		0.0014	0.0022	
75-35-4	1,1-Dichloroethylene		0.0012	0.0043	
156-59-2	cis-1,2-Dichloroethylene	0.028	0.00087	0.0022	
156-60-5	trans-1,2-Dichloroethylene		0.00098	0.0022	
78-87-5	1,2-Dichloropropane		0.0014	0.0022	
142-28-9	1,3-Dichloropropane		0.00076	0.0011	
594-20-7	2,2-Dichloropropane		0.00098	0.0022	
563-58-6	1,1-Dichloropropene		0.00098	0.0022	
10061-01-5	cis-1,3-Dichloropropene		0.00076	0.0011	
10061-02-6	trans-1,3-Dichloropropene		0.00076	0.0011	
60-29-7	Diethyl Ether		0.0020	0.022	
108-20-3	Diisopropyl Ether (DIPE)		0.00065	0.0011	
123-91-1	1,4-Dioxane		0.063	0.11	V-16
100-41-4	Ethylbenzene		0.00087	0.0022	
87-68-3	Hexachlorobutadiene		0.0011	0.0022	
591-78-6	2-Hexanone (MBK)		0.012	0.022	
98-82-8	Isopropylbenzene (Cumene)		0.00076	0.0022	

1 - FORM I

ANALYSIS DATA SHEET

B-25 (5-6ft)

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458				
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners				
Matrix:	Soil	Laboratory ID:	12L0458-04	File ID:	VA352022.D		
Sampled:	12/13/12 13:00	Prepared:	12/17/12 05:32	Analyzed:	12/17/12 14:22		
Solids:	82.80	Preparation:	SW-846 5035	Dilution:	1		
Initial/Final:	5.56 g / 10 mL						
Batch:	B064751	Sequence:	S003711	Calibration:	1200210	Instrument:	GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.00087	0.0022	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.00098	0.0043	
75-09-2	Methylene Chloride		0.0077	0.022	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0083	0.022	
91-20-3	Naphthalene		0.00076	0.0043	V-05
103-65-1	n-Propylbenzene		0.00076	0.0022	
100-42-5	Styrene		0.00065	0.0022	
630-20-6	1,1,1,2-Tetrachloroethane		0.00098	0.0022	
79-34-5	1,1,2,2-Tetrachloroethane		0.00098	0.0011	
127-18-4	Tetrachloroethylene	0.0085	0.0014	0.0022	
109-99-9	Tetrahydrofuran		0.0024	0.011	V-16
108-88-3	Toluene		0.00087	0.0022	
87-61-6	1,2,3-Trichlorobenzene		0.00065	0.0022	
120-82-1	1,2,4-Trichlorobenzene		0.00087	0.0022	
108-70-3	1,3,5-Trichlorobenzene		0.00076	0.0022	
71-55-6	1,1,1-Trichloroethane		0.0011	0.0022	
79-00-5	1,1,2-Trichloroethane		0.0013	0.0022	
79-01-6	Trichloroethylene	0.0035	0.00098	0.0022	
75-69-4	Trichlorofluoromethane (Freon 11)		0.0012	0.011	
96-18-4	1,2,3-Trichloropropane		0.0012	0.0022	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		0.00098	0.011	
95-63-6	1,2,4-Trimethylbenzene		0.00087	0.0022	
108-67-8	1,3,5-Trimethylbenzene		0.00065	0.0022	
75-01-4	Vinyl Chloride		0.0012	0.011	
108383/106423	m+p Xylene		0.0018	0.0043	

1 - FORM I

ANALYSIS DATA SHEET

B-25 (5-6ft)

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458				
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners				
Matrix:	Soil	Laboratory ID:	12L0458-04	File ID:	VA352022.D		
Sampled:	12/13/12 13:00	Prepared:	12/17/12 05:32	Analyzed:	12/17/12 14:22		
Solids:	82.80	Preparation:	SW-846 5035	Dilution:	1		
Initial/Final:	5.56 g / 10 mL						
Batch:	B064751	Sequence:	S003711	Calibration:	1200210	Instrument:	GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
95-47-6	o-Xylene		0.00076	0.0022	

CAS NO.	TENTATIVELY IDENTIFIED COMPOUNDS	CONC. (mg/Kg dry)	Q
110-54-3	Hexane	0.0086	

Data File : V:\DATA\121712\VA352022.D
 Acq On : 17 Dec 2012 2:22 pm
 Sample : 12L0458-04
 InstName : GCMSVOA1
 Misc :
 Quant Time: Dec 17 14:44:29 2012

Vial: 22
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

160

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 13:10:19 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.841	168	884208	30.00	UG/L	0.00
46) 1,4-DIFLUOROBENZENE - ...	4.520	114	1329719	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.052	117	1216710	30.00	UG/L	0.00
86) 1,4-DICHLOROBENZENE-D4...	9.010	152	671777	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.094	65	311485	25.57	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	102.28%	
48) TOLUENE SS	5.828	98	1313400	24.52	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	98.08%	
69) 4-BROMOFLUROBENZENE SS	8.045	95	464738	23.67	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	94.68%	
Target Compounds						
6) VINYL CHLORIDE	1.131	62	12727	0.671	UG/L	97
12) ACETONE	1.844	58	3488	4.591	UG/L	82
21) METHYLENE CHLORIDE	2.139	49	60803	0.571	UG/L	100
24) TRANS 1,2-DICHLOROETHENE	2.350	96	12109	0.887	UG/L	91
31) CIS-1,2-DICHLOROETHENE	3.296	96	179385	12.939	UG/L	85
40) CYCLOHEXANE	3.838	56	21658	Below	Cal #	37
47) METHYLCYCLOHEXANE	4.915	83	9048	0.405	UG/L #	71
50) TRICHLOROETHENE	4.745	95	23979	1.595	UG/L	96
59) TOLUENE	5.881	92	8808	0.226	UG/L	96
64) TETRACHLOROETHENE	6.351	164	51769	3.903	UG/L	95

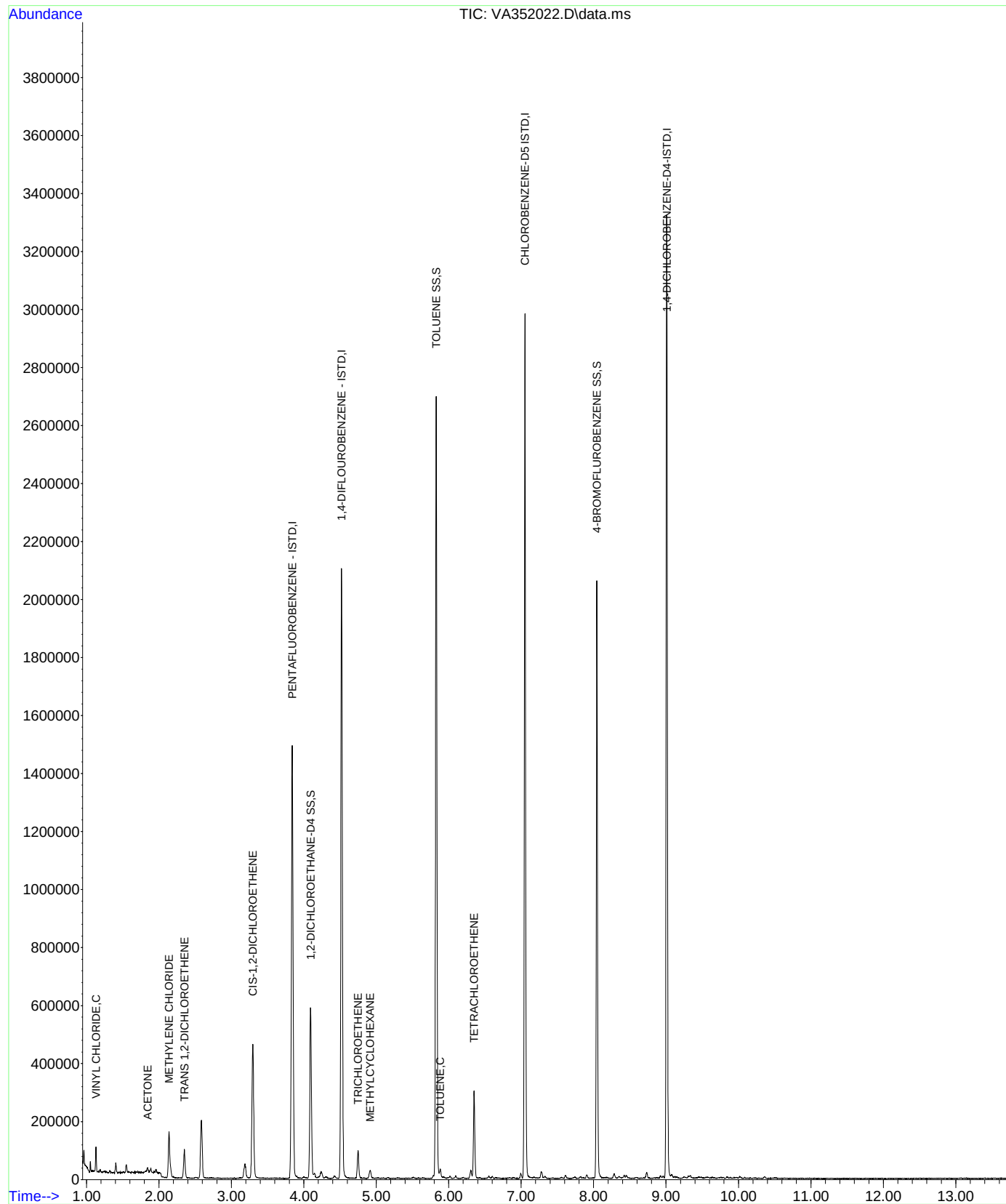
(#) = qualifier out of range (m) = manual integration (+) = signals summed

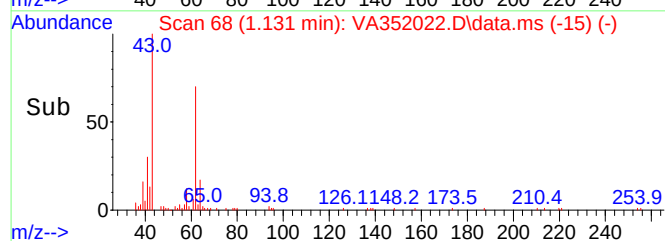
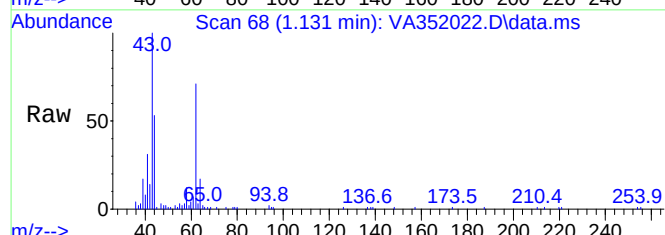
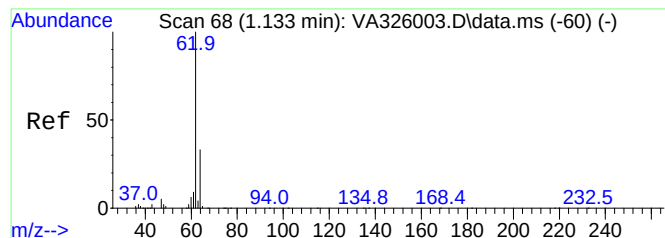
Data File : V:\DATA\121712\VA352022.D
Acq On : 17 Dec 2012 2:22 pm
Sample : 12L0458-04
InstName : GCMSV0A1
Misc :
Quant Time: Dec 17 14:44:29 2012

Vial: 22
Operator: MFF
Inst : GCMSV0A1
Multiplr: 1.00

161

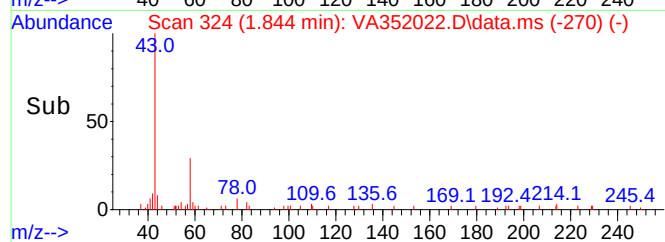
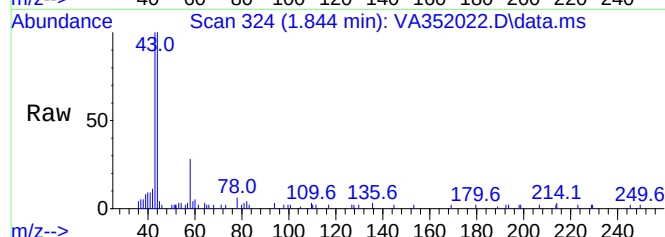
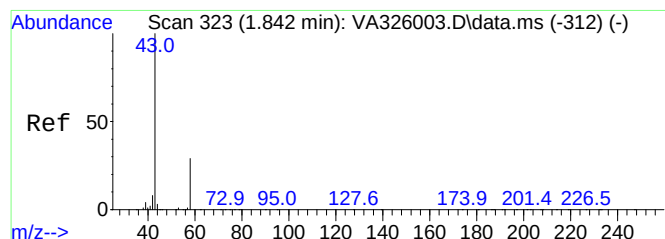
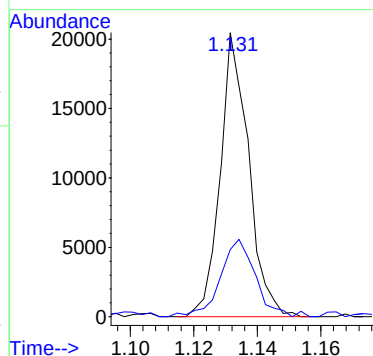
Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Mon Nov 12 13:10:19 2012
Response via : Initial Calibration
DataAcq Meth:821205S8





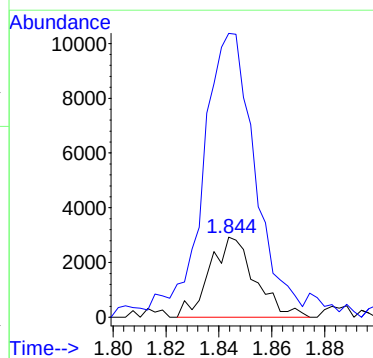
#6
VINYL CHLORIDE
Concen: 0.67 UG/L
RT: 1.131 min Scan# 68
Delta R.T. -0.002 min
Lab File: VA352022.D
Acq: 17 Dec 2012 2:22 pm

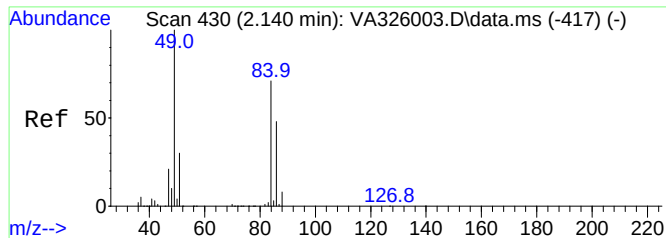
Tgt Ion: 62 Resp: 12727
Ion Ratio Lower Upper
62 100
64 33.6 25.8 38.6



#12
ACETONE
Concen: 4.59 UG/L
RT: 1.844 min Scan# 324
Delta R.T. 0.002 min
Lab File: VA352022.D
Acq: 17 Dec 2012 2:22 pm

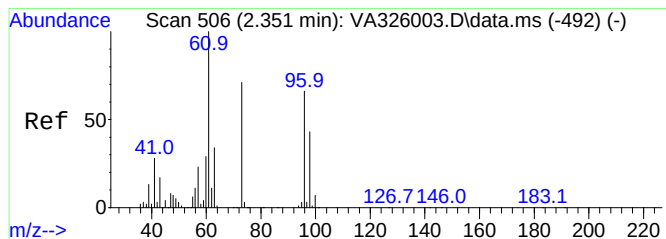
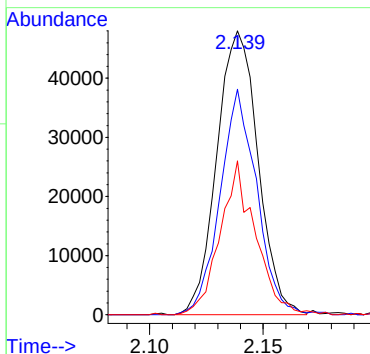
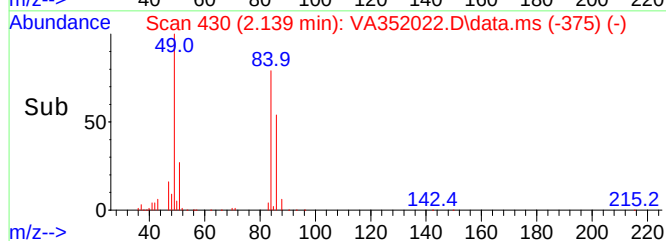
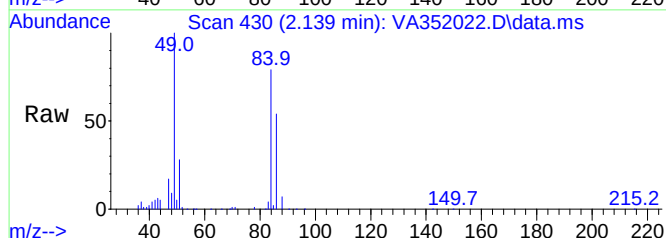
Tgt Ion: 58 Resp: 3488
Ion Ratio Lower Upper
58 100
43 380.8 273.3 409.9





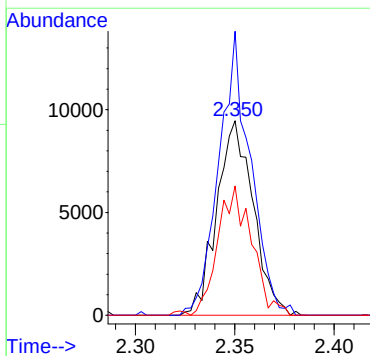
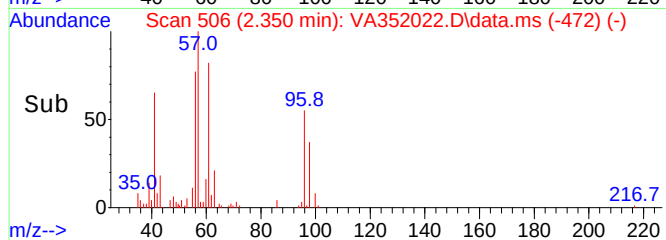
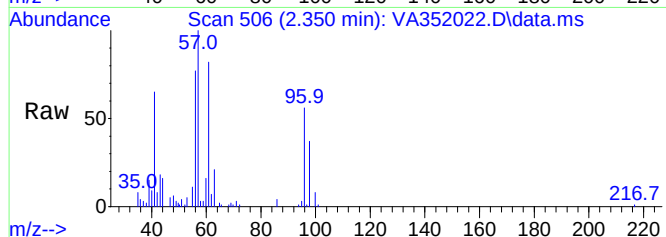
#21
METHYLENE CHLORIDE
Concen: 0.57 UG/L
RT: 2.139 min Scan# 430
Delta R.T. 0.001 min
Lab File: VA352022.D
Acq: 17 Dec 2012 2:22 pm

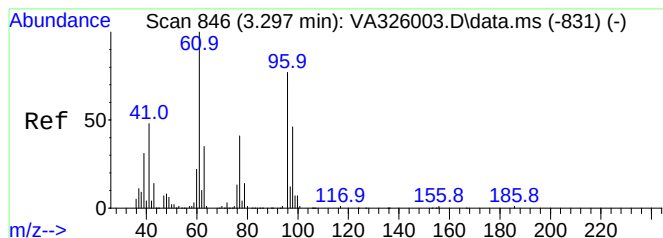
Tgt Ion: 49 Resp: 60803
Ion Ratio Lower Upper
49 100
84 70.4 55.8 83.8
86 46.5 37.3 55.9



#24
TRANS 1,2-DICHLOROETHENE
Concen: 0.89 UG/L
RT: 2.350 min Scan# 506
Delta R.T. -0.001 min
Lab File: VA352022.D
Acq: 17 Dec 2012 2:22 pm

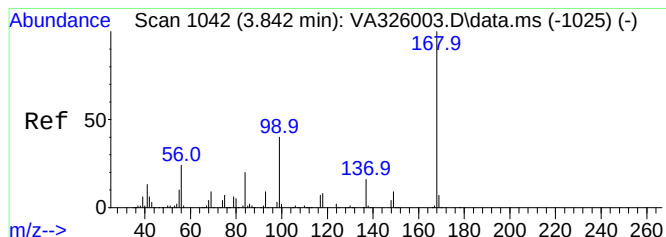
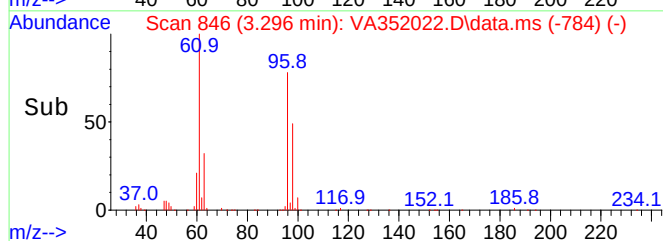
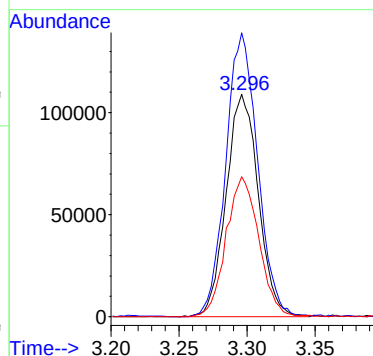
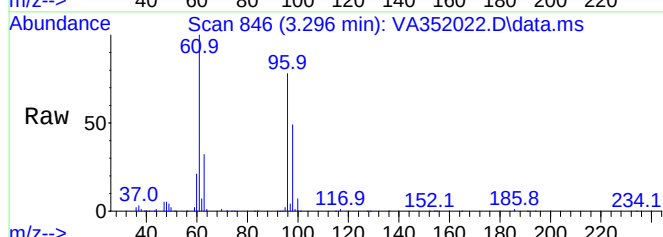
Tgt Ion: 96 Resp: 12109
Ion Ratio Lower Upper
96 100
61 126.2 113.4 170.2
98 62.0 50.7 76.1





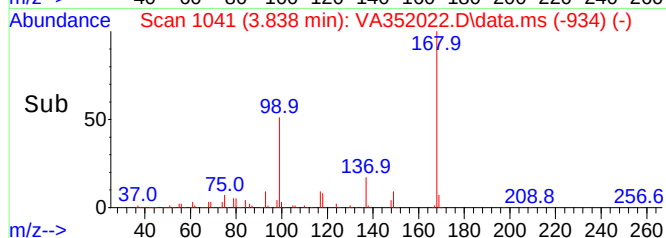
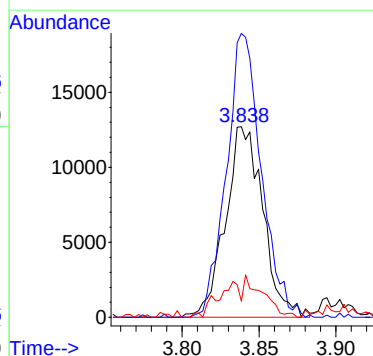
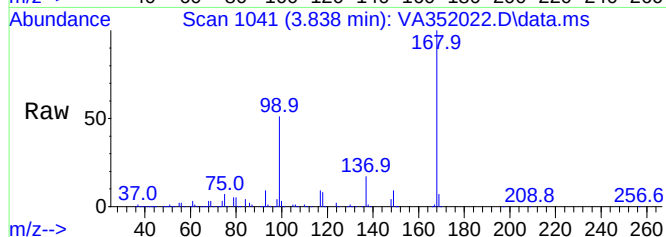
#31
CIS-1,2-DICHLOROETHENE
Concen: 12.94 UG/L
RT: 3.296 min Scan# 846
Delta R.T. 0.001 min
Lab File: VA352022.D
Acq: 17 Dec 2012 2:22 pm

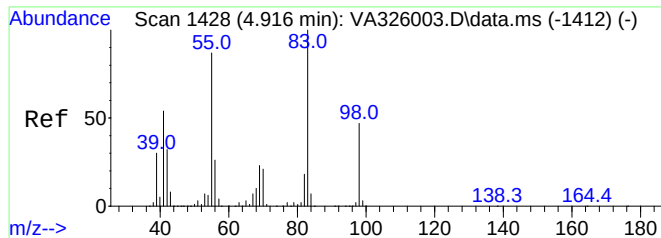
Tgt Ion: 96 Resp: 179385
Ion Ratio Lower Upper
96 100
61 126.2 121.8 182.6
98 63.8 52.2 78.2



#40
CYCLOHEXANE
Concen: Below Cal
RT: 3.838 min Scan# 1041
Delta R.T. -0.002 min
Lab File: VA352022.D
Acq: 17 Dec 2012 2:22 pm

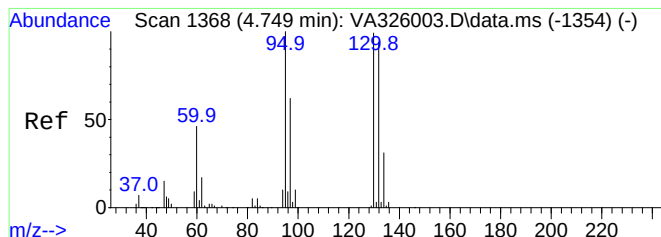
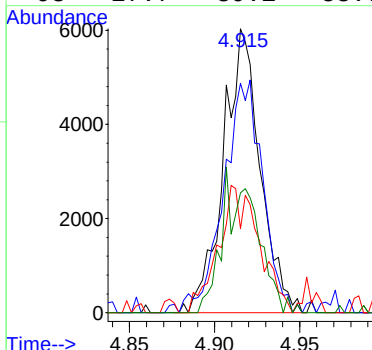
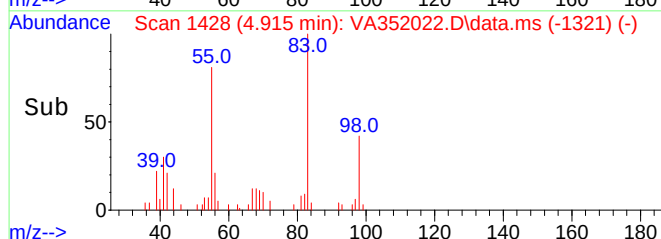
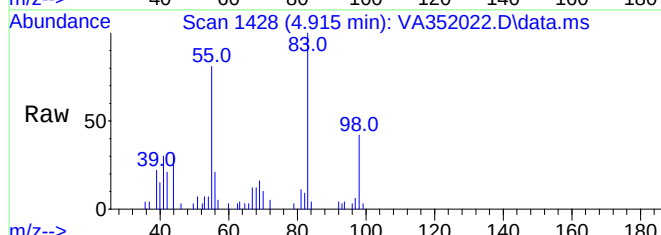
Tgt Ion: 56 Resp: 21658
Ion Ratio Lower Upper
56 100
84 137.9 64.5 96.7#
41 11.2 44.6 67.0#





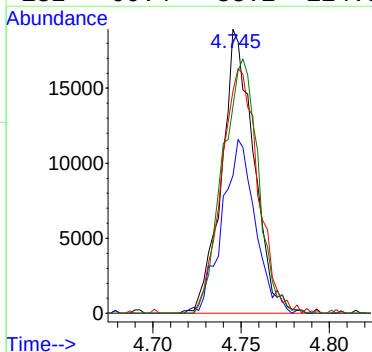
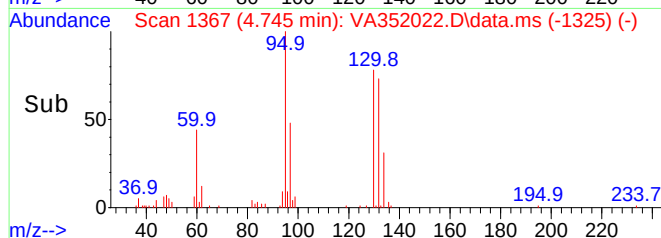
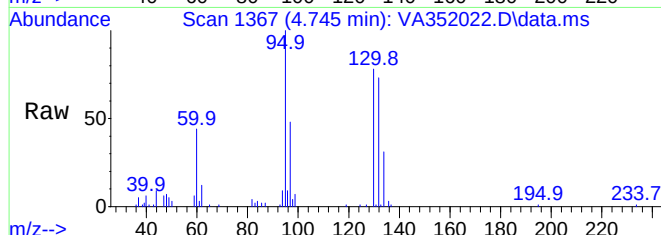
#47
METHYLCYCLOHEXANE
Concen: 0.41 UG/L
RT: 4.915 min Scan# 1428
Delta R.T. -0.002 min
Lab File: VA352022.D
Acq: 17 Dec 2012 2:22 pm

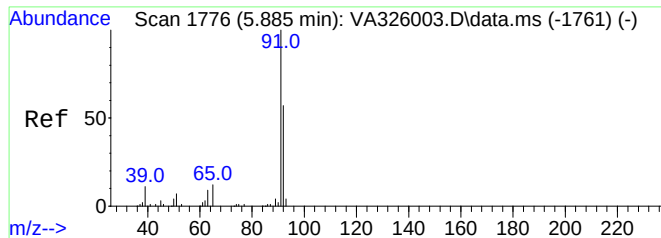
Tgt Ion: 83 Resp: 9048
Ion Ratio Lower Upper
83 100
55 85.5 68.9 103.3
41 0.0 41.3 61.9#
98 27.7 39.1 58.7#



#50
TRICHLOROETHENE
Concen: 1.59 UG/L
RT: 4.745 min Scan# 1367
Delta R.T. -0.002 min
Lab File: VA352022.D
Acq: 17 Dec 2012 2:22 pm

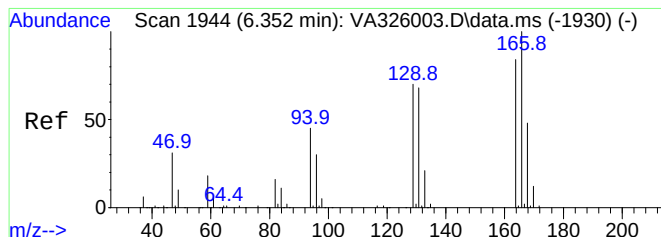
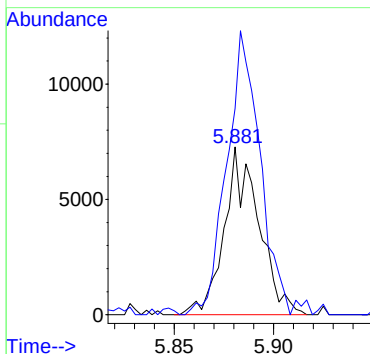
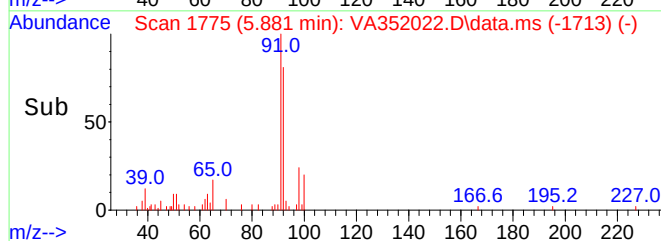
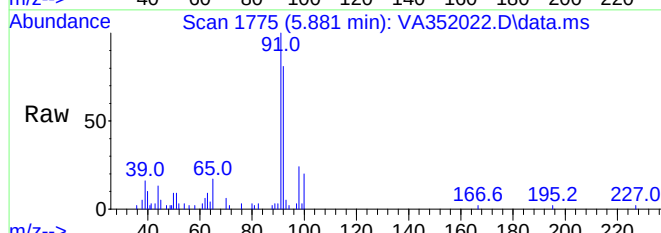
Tgt Ion: 95 Resp: 23979
Ion Ratio Lower Upper
95 100
97 63.1 51.3 76.9
130 98.3 82.2 123.4
132 99.4 83.2 124.8





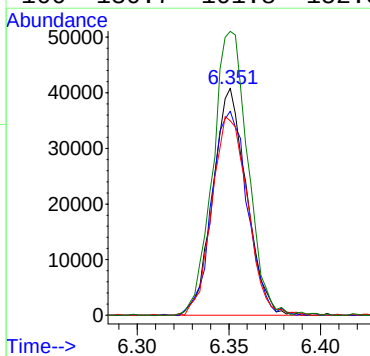
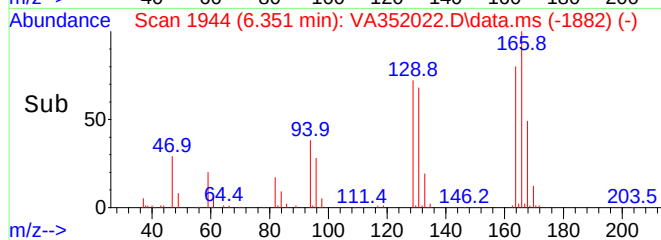
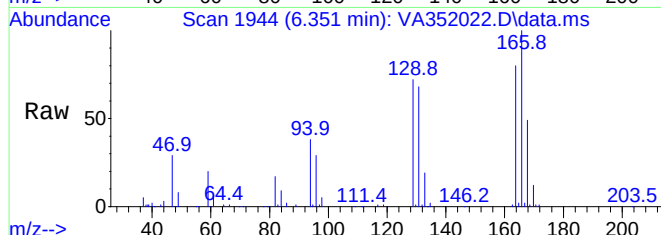
#59
 TOLUENE
 Concen: 0.23 UG/L
 RT: 5.881 min Scan# 1775
 Delta R.T. -0.005 min
 Lab File: VA352022.D
 Acq: 17 Dec 2012 2:22 pm

Tgt Ion: 92 Resp: 8808
 Ion Ratio Lower Upper
 92 100
 91 162.7 134.0 201.0



#64
 TETRACHLOROETHENE
 Concen: 3.90 UG/L
 RT: 6.351 min Scan# 1944
 Delta R.T. 0.002 min
 Lab File: VA352022.D
 Acq: 17 Dec 2012 2:22 pm

Tgt Ion: 164 Resp: 51769
 Ion Ratio Lower Upper
 164 100
 129 95.5 71.4 107.2
 131 93.1 70.6 105.8
 166 130.7 101.8 152.8



Data Path : V:\DATA\121712\
 Data File : VA352022.D
 Acq On : 17 Dec 2012 2:22 pm
 Operator : MFF
 Sample : 12L0458-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Integration Parameters: rteint.p

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Title : 8260 SOIL CALIBRATION (FRONT)

Signal : TIC: VA352022.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.131	61	68	73	rVB3	86974	63558	1.64%	0.290%
2	1.404	160	166	172	rBV3	38157	40965	1.06%	0.187%
3	2.139	418	430	448	rBV4	159084	246654	6.38%	1.126%
4	2.350	495	506	520	rVB2	100093	147307	3.81%	0.672%
5	2.587	578	591	604	rBV3	200407	322254	8.34%	1.471%
6	3.187	794	807	809	rBV3	48616	63788	1.65%	0.291%
7	3.296	832	846	862	rBV	461634	771883	19.97%	3.523%
8	3.839	1027	1041	1060	rBV2	1491725	2433958	62.99%	11.109%
9	4.092	1120	1132	1147	rBV2	587995	907680	23.49%	4.143%
10	4.520	1273	1286	1303	rBV	2103086	2985568	77.26%	13.627%
11	4.748	1356	1368	1380	rBV3	96549	141209	3.65%	0.645%
12	4.918	1411	1429	1439	rBV6	29959	56662	1.47%	0.259%
13	5.828	1744	1756	1770	rBV	2688960	3427009	88.68%	15.642%
14	5.886	1770	1777	1786	rVB4	29136	39433	1.02%	0.180%
15	6.303	1918	1927	1935	rBV3	29405	43578	1.13%	0.199%
16	6.351	1935	1944	1957	rVB2	300025	396954	10.27%	1.812%
17	7.052	2184	2196	2211	rBV	2981609	3589285	92.88%	16.383%
18	8.045	2541	2553	2571	rBV	2059858	2366917	61.25%	10.803%
19	9.008	2889	2899	2915	rBV	3319889	3864315	100.00%	17.638%

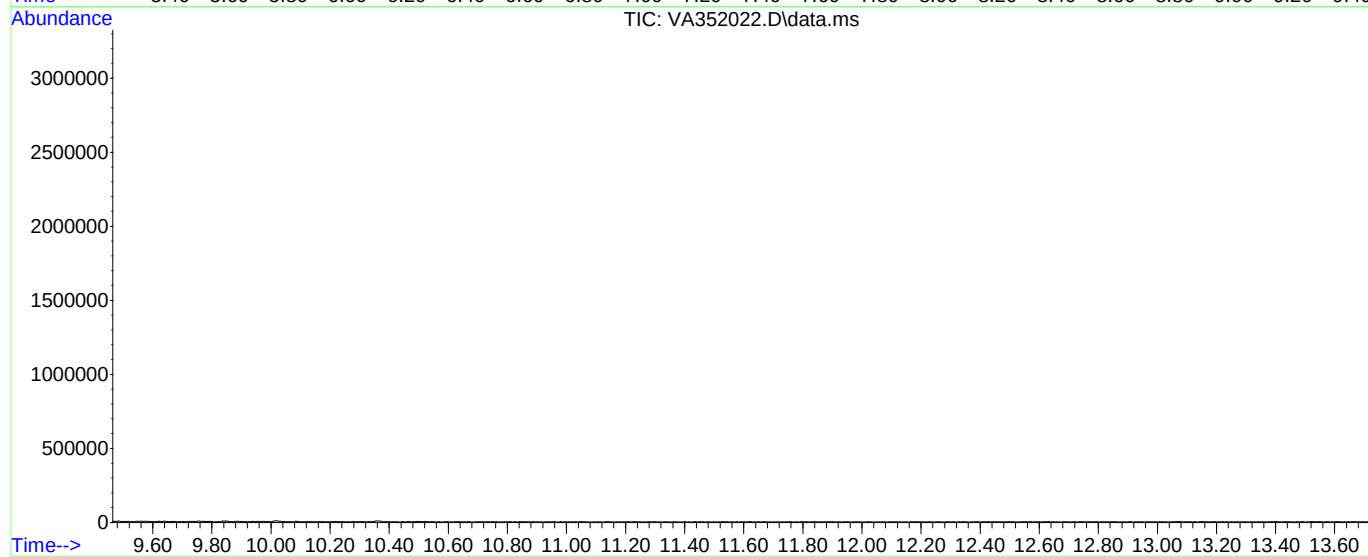
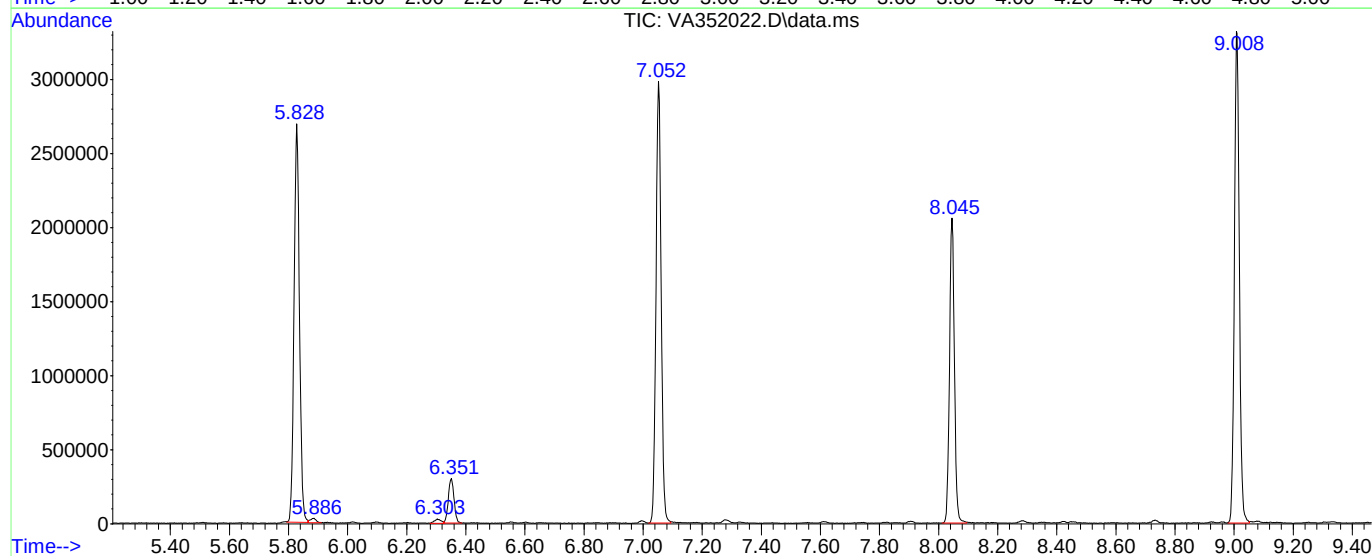
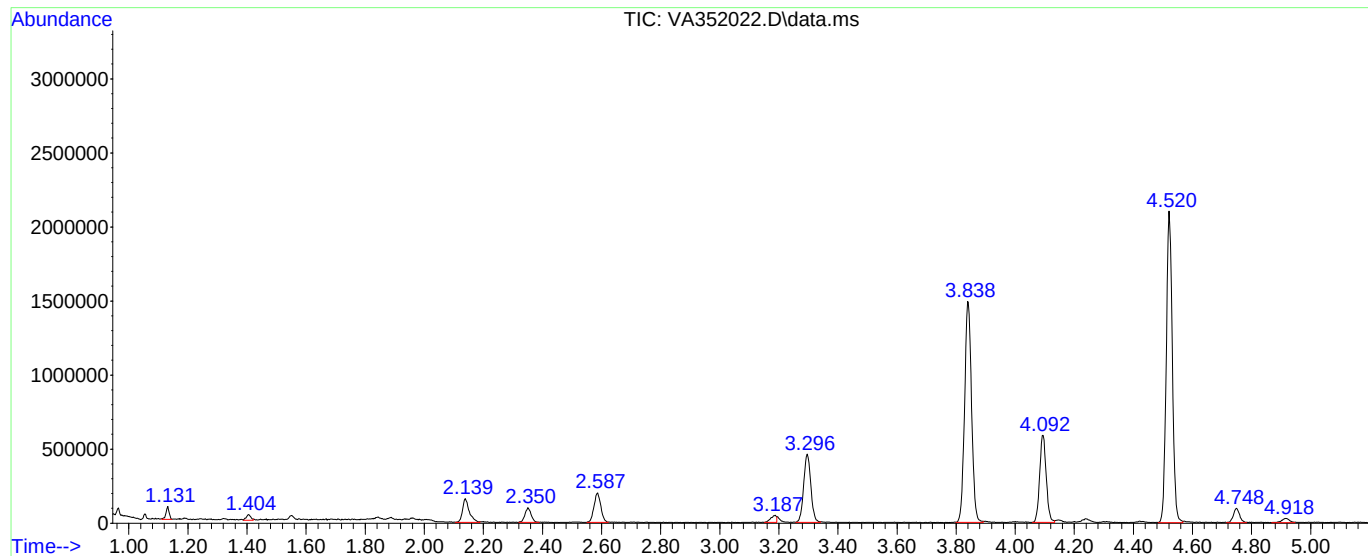
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Data Path : V:\DATA\121712\
Data File : VA352022.D
Acq On : 17 Dec 2012 2:22 pm
Operator : MFF
Sample : 12L0458-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

168

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)

TIC Library : C:\Database\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : V:\DATA\121712\
Data File : VA352022.D
Acq On : 17 Dec 2012 2:22 pm
Operator : MFF
Sample : 12L0458-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

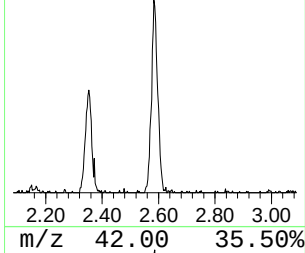
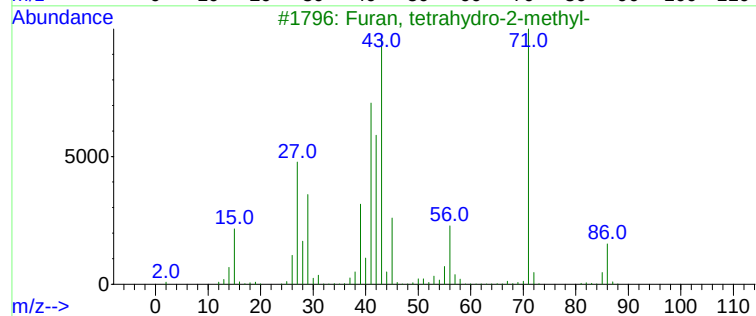
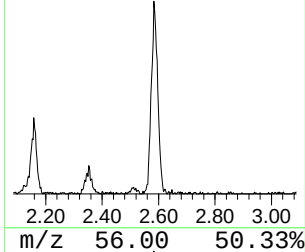
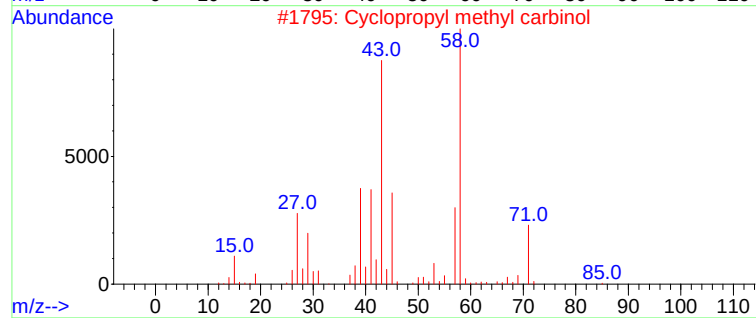
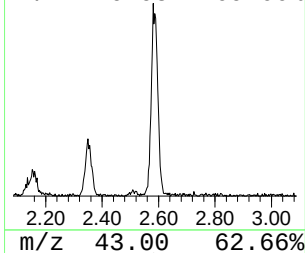
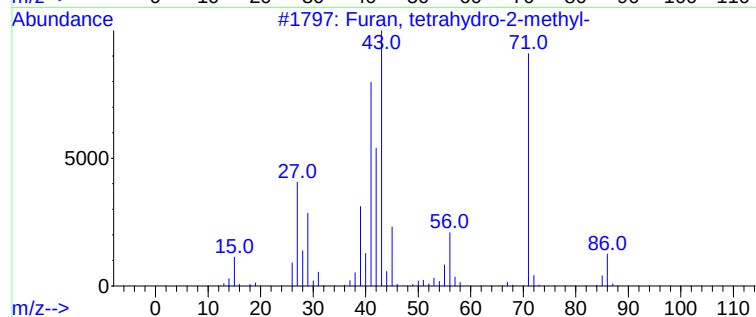
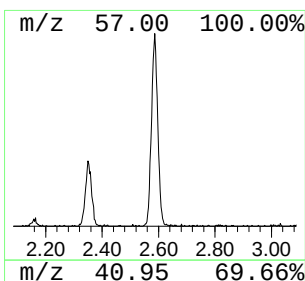
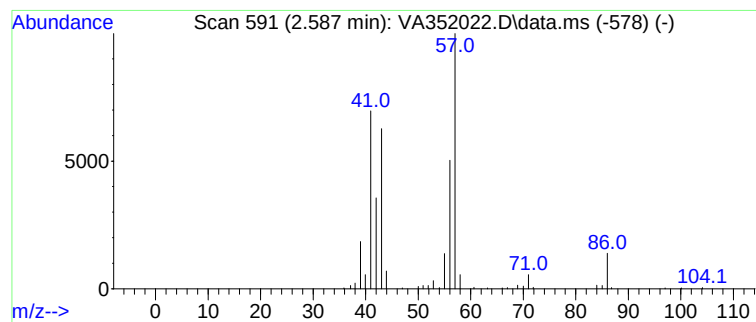
Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)

TIC Library : C:\Database\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Hexane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.587	3.97 UG/L	322254	PENTAFLUOROBENZENE - ISTD	3.841

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane			86	C6H14	000110-54-3	87
2	Hexane			86	C6H14	000110-54-3	80
3	Hexane			86	C6H14	000110-54-3	72
4	Heptane			100	C7H16	000142-82-5	39
5	Pentane, 2,4-dimethyl-			100	C7H16	000108-08-7	39



Data Path : V:\DATA\121712\
Data File : VA352022.D
Acq On : 17 Dec 2012 2:22 pm
Operator : MFF
Sample : 12L0458-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)

TIC Library : C:\Database\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexane	2.587	4.0	UG/L	322254	1	3.841	2433960	30.0

1 - FORM I

ANALYSIS DATA SHEET

Cistern

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: 12L0458-05 File ID: ve355058.D
 Sampled: 12/13/12 10:30 Prepared: 12/20/12 13:05 Analyzed: 12/21/12 13:40
 Solids: 13.00 Preparation: SW-846 5035 Dilution: 2
 Initial/Final: 4.8 g / 19.2 mL
 Batch: B065047 Sequence: S003723 Calibration: 1200253 Instrument: GCMSVOA5

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone		1.7	150	
107-13-1	Acrylonitrile		1.6	15	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.34	1.5	
71-43-2	Benzene		0.15	3.1	
108-86-1	Bromobenzene		0.31	3.1	
74-97-5	Bromochloromethane		0.31	3.1	
75-27-4	Bromodichloromethane		0.25	3.1	
75-25-2	Bromoform		0.77	3.1	V-05
74-83-9	Bromomethane		1.2	6.2	R-05
78-93-3	2-Butanone (MEK)		1.3	62	
75-65-0	tert-Butyl Alcohol (TBA)		11	62	V-16
104-51-8	n-Butylbenzene		0.15	3.1	
135-98-8	sec-Butylbenzene		0.15	3.1	
98-06-6	tert-Butylbenzene		0.15	3.1	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.22	1.5	
75-15-0	Carbon Disulfide		0.15	12	
56-23-5	Carbon Tetrachloride		0.28	3.1	
108-90-7	Chlorobenzene		0.15	3.1	
124-48-1	Chlorodibromomethane		0.37	1.5	
75-00-3	Chloroethane		1.0	6.2	
67-66-3	Chloroform		0.12	6.2	
74-87-3	Chloromethane		0.40	6.2	L-04, V-05
95-49-8	2-Chlorotoluene		0.15	3.1	
106-43-4	4-Chlorotoluene		0.15	3.1	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		1.5	15	

1 - FORM I

ANALYSIS DATA SHEET

Cistern

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: 12L0458-05 File ID: ve355058.D
 Sampled: 12/13/12 10:30 Prepared: 12/20/12 13:05 Analyzed: 12/21/12 13:40
 Solids: 13.00 Preparation: SW-846 5035 Dilution: 2
 Initial/Final: 4.8 g / 19.2 mL
 Batch: B065047 Sequence: S003723 Calibration: 1200253 Instrument: GCMSVOA5

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.43	1.5	
74-95-3	Dibromomethane		0.25	3.1	
95-50-1	1,2-Dichlorobenzene		0.18	3.1	
541-73-1	1,3-Dichlorobenzene		0.18	3.1	
106-46-7	1,4-Dichlorobenzene		0.34	3.1	
110-57-6	trans-1,4-Dichloro-2-butene		2.4	6.2	L-04, V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.12	6.2	
75-34-3	1,1-Dichloroethane		0.28	3.1	
107-06-2	1,2-Dichloroethane		0.28	3.1	
75-35-4	1,1-Dichloroethylene		0.31	3.1	
156-59-2	cis-1,2-Dichloroethylene	170	0.15	3.1	
156-60-5	trans-1,2-Dichloroethylene		0.22	3.1	
78-87-5	1,2-Dichloropropane		0.62	3.1	
142-28-9	1,3-Dichloropropane		0.25	1.5	
594-20-7	2,2-Dichloropropane		0.40	3.1	
563-58-6	1,1-Dichloropropene		0.31	6.2	
10061-01-5	cis-1,3-Dichloropropene		0.22	1.5	
10061-02-6	trans-1,3-Dichloropropene		0.37	1.5	V-05
60-29-7	Diethyl Ether		0.31	6.2	
108-20-3	Diisopropyl Ether (DIPE)		0.092	1.5	
123-91-1	1,4-Dioxane		11	310	V-16
100-41-4	Ethylbenzene		0.15	3.1	
87-68-3	Hexachlorobutadiene		0.80	3.1	
591-78-6	2-Hexanone (MBK)		2.0	31	
98-82-8	Isopropylbenzene (Cumene)		0.18	3.1	

1 - FORM I

ANALYSIS DATA SHEET

Cistern

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: 12L0458-05 File ID: ve355058.D
 Sampled: 12/13/12 10:30 Prepared: 12/20/12 13:05 Analyzed: 12/21/12 13:40
 Solids: 13.00 Preparation: SW-846 5035 Dilution: 2
 Initial/Final: 4.8 g / 19.2 mL
 Batch: B065047 Sequence: S003723 Calibration: 1200253 Instrument: GCMSVOA5

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)	210	0.18	3.1	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.15	3.1	
75-09-2	Methylene Chloride		6.9	15	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.68	31	
91-20-3	Naphthalene		0.65	6.2	
103-65-1	n-Propylbenzene		0.12	3.1	
100-42-5	Styrene		0.18	3.1	
630-20-6	1,1,1,2-Tetrachloroethane		0.25	3.1	
79-34-5	1,1,2,2-Tetrachloroethane		0.55	1.5	
127-18-4	Tetrachloroethylene		0.43	3.1	
109-99-9	Tetrahydrofuran		3.1	31	V-16
108-88-3	Toluene		0.12	3.1	
87-61-6	1,2,3-Trichlorobenzene		0.68	15	
120-82-1	1,2,4-Trichlorobenzene		0.34	3.1	
108-70-3	1,3,5-Trichlorobenzene		1.2	3.1	
71-55-6	1,1,1-Trichloroethane		0.15	3.1	
79-00-5	1,1,2-Trichloroethane		0.25	3.1	
79-01-6	Trichloroethylene		0.37	3.1	
75-69-4	Trichlorofluoromethane (Freon 11)		0.22	6.2	
96-18-4	1,2,3-Trichloropropane		0.65	6.2	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		0.34	3.1	
95-63-6	1,2,4-Trimethylbenzene		0.18	3.1	
108-67-8	1,3,5-Trimethylbenzene		0.18	3.1	
75-01-4	Vinyl Chloride		0.49	6.2	
108383/106423	m+p Xylene		0.22	6.2	

1 - FORM I

ANALYSIS DATA SHEET

Cistern

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
Client: CDM Smith, Inc. - NY Project: Doro Cleaners
Matrix: Soil Laboratory ID: 12L0458-05 File ID: ve355058.D
Sampled: 12/13/12 10:30 Prepared: 12/20/12 13:05 Analyzed: 12/21/12 13:40
Solids: 13.00 Preparation: SW-846 5035 Dilution: 2
Initial/Final: 4.8 g / 19.2 mL
Batch: B065047 Sequence: S003723 Calibration: 1200253 Instrument: GCMSVOA5

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
95-47-6	o-Xylene		0.15	3.1	
	No TICs Found	0.0			

Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355058.D
 Acq On : 21 Dec 2012 1:40 pm
 Operator :
 Sample : 12L0458-05 @ 100X MEOH
 Misc : 100
 ALS Vial : 58 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 23 08:54:50 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

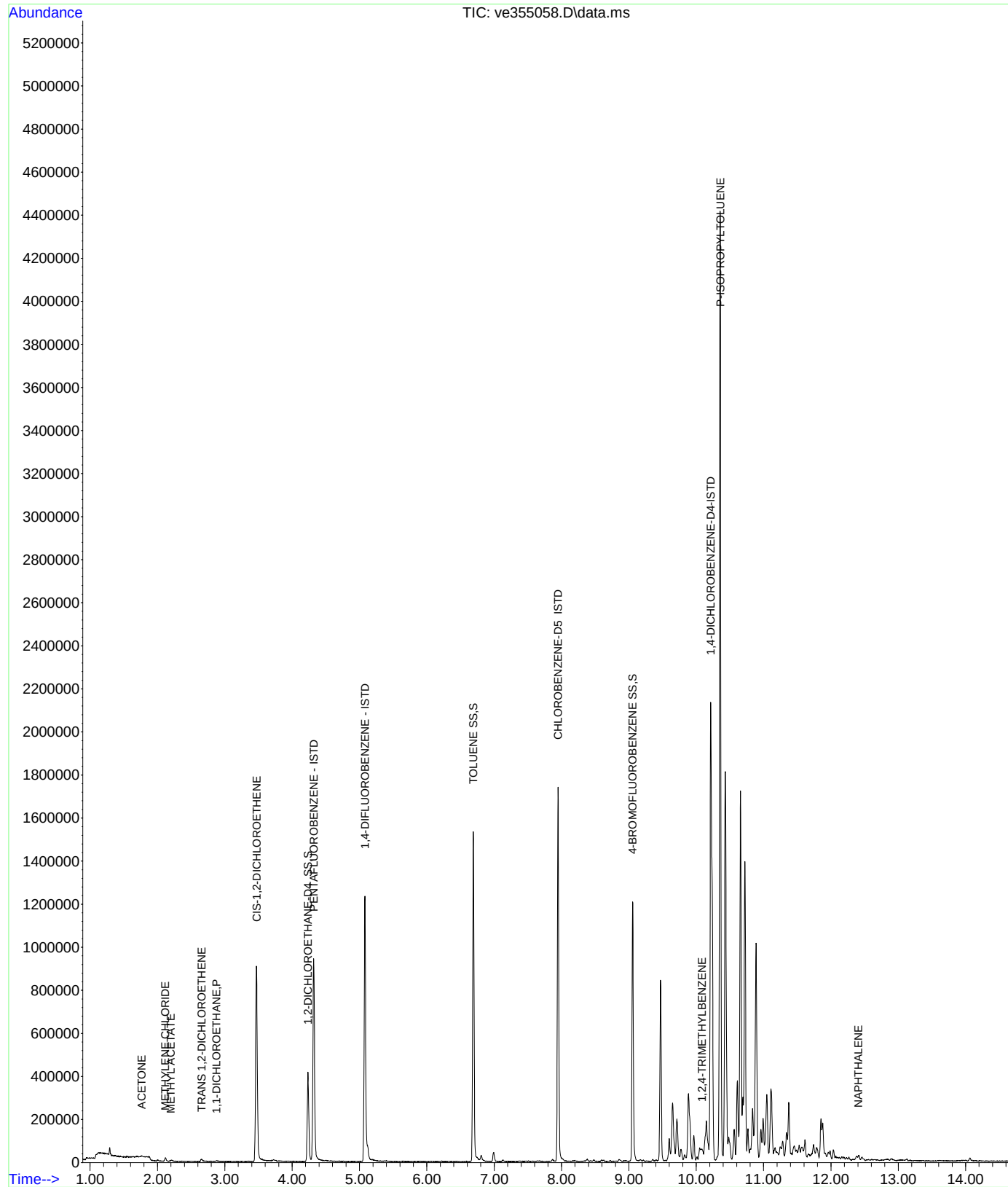
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.319	168	575525	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.081	114	860318	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	422786	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	465997	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	237578	24.85	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.40%		
48) TOLUENE SS	6.690	98	841459	25.09	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.36%		
70) 4-BROMOFLUOROBENZENE SS	9.055	95	309608	24.44	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	97.76%		
Target Compounds						
					Qvalue	
14) ACETONE	1.765	43	2872	2.57	UG/L #	83
19) METHYL ACETATE	2.197	43	3421	0.83	UG/L #	78
22) METHYLENE CHLORIDE	2.116	49	6585	0.97	UG/L #	74
25) TRANS 1,2-DICHLOROETHENE	2.655	61	3866	0.50	UG/L	88
26) 1,1-DICHLOROETHANE	2.875	63	2960	0.31	UG/L #	52
34) CIS-1,2-DICHLOROETHENE	3.472	61	442790	54.94	UG/L #	81
90) 1,2,4-TRIMETHYLBENZENE	10.084	105	6312	0.24	UG/L	97
93) P-ISOPROPYLTOLUENE	10.357	119	1771414	66.66	UG/L	98
101) NAPHTHALENE	12.409	128	5126	0.32	UG/L	100

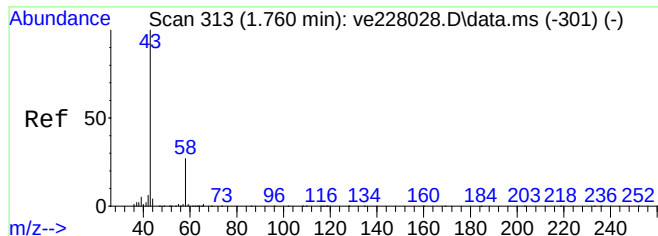
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : ve355058.D
Acq On : 21 Dec 2012 1:40 pm
Operator :
Sample : 12L0458-05 @ 100X ME0H
Misc : 100
ALS Vial : 58 Sample Multiplier: 1

Inst : GCMSVOA5

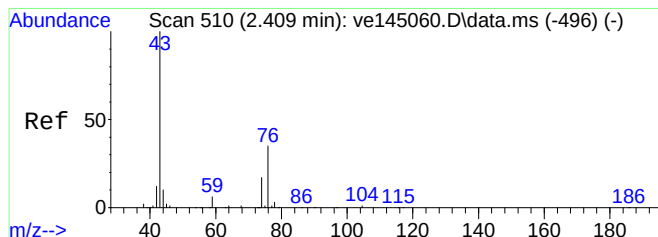
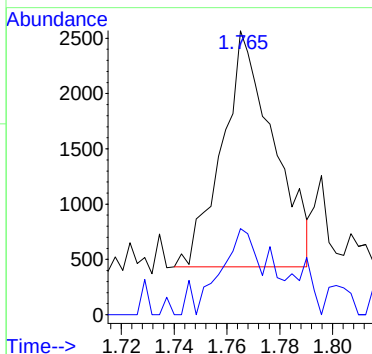
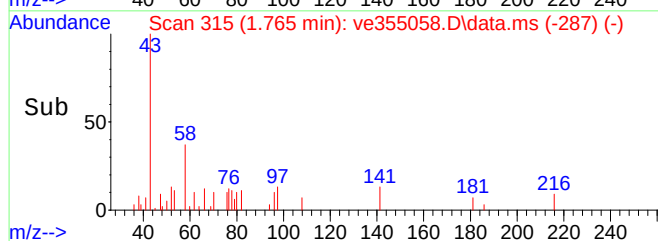
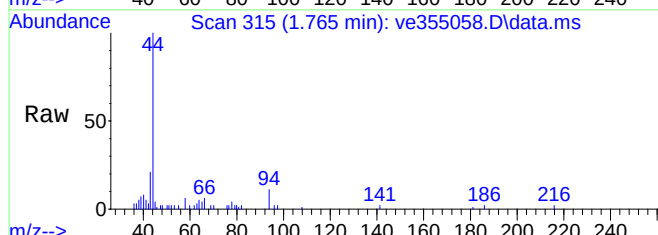
Quant Time: Dec 23 08:54:50 2012
Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Sun Nov 18 11:06:04 2012
Response via : Initial Calibration





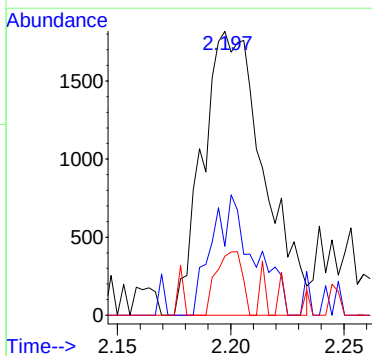
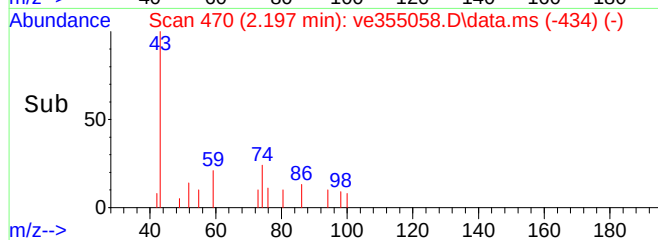
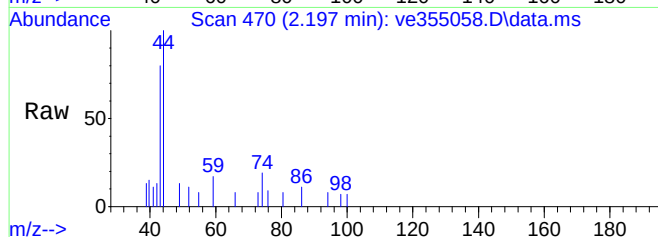
#14
ACETONE
Concen: 2.57 UG/L
RT: 1.765 min Scan# 315
Delta R.T. 0.005 min
Lab File: ve355058.D
Acq: 21 Dec 2012 1:40 pm

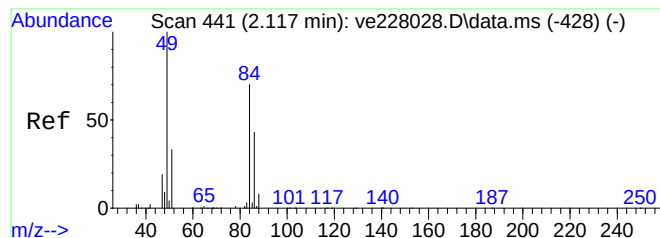
Tgt Ion: 43 Resp: 2872
Ion Ratio Lower Upper
43 100
58 25.3 28.2 42.4#



#19
METHYL ACETATE
Concen: 0.83 UG/L
RT: 2.197 min Scan# 470
Delta R.T. 0.008 min
Lab File: ve355058.D
Acq: 21 Dec 2012 1:40 pm

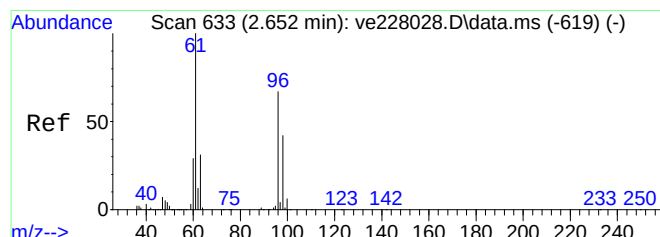
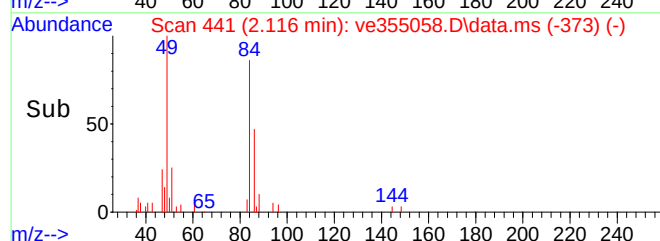
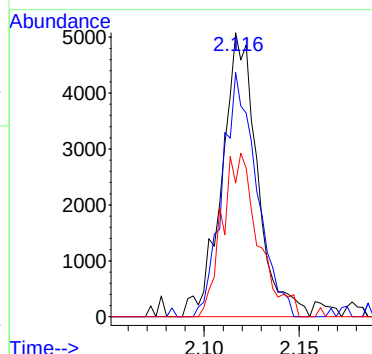
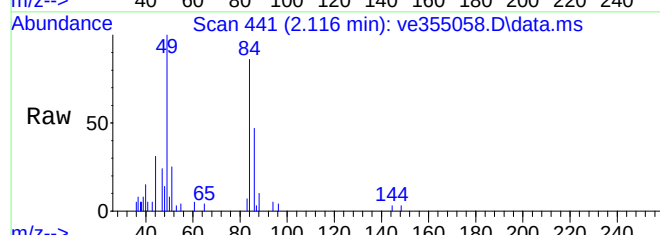
Tgt Ion: 43 Resp: 3421
Ion Ratio Lower Upper
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74 29.4 15.8 23.8#
59 0.0 7.4 11.0#





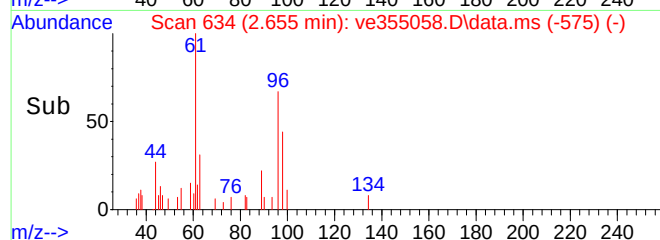
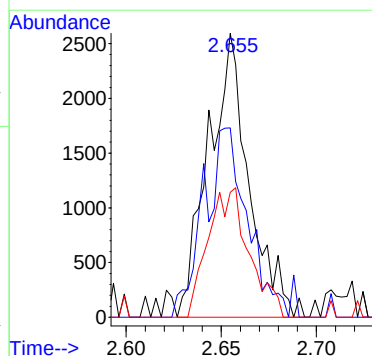
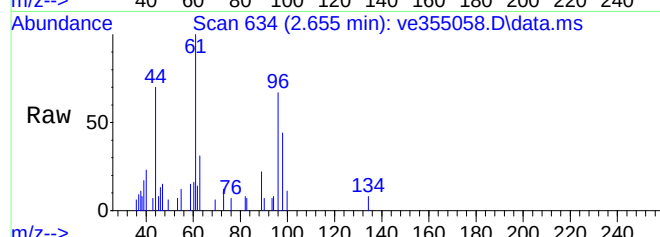
#22
METHYLENE CHLORIDE
Concen: 0.97 UG/L
RT: 2.116 min Scan# 441
Delta R.T. 0.000 min
Lab File: ve355058.D
Acq: 21 Dec 2012 1:40 pm

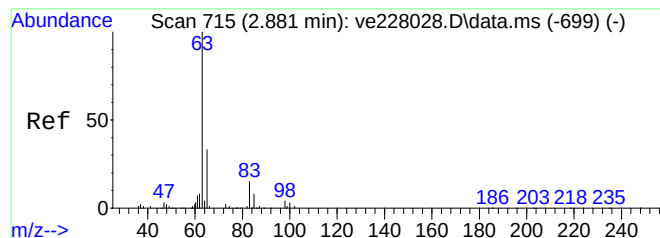
Tgt Ion: 49 Resp: 6585
Ion Ratio Lower Upper
49 100
84 83.7 52.4 78.6#
86 58.7 32.2 48.2#



#25
TRANS 1,2-DICHLOROETHENE
Concen: 0.50 UG/L
RT: 2.655 min Scan# 634
Delta R.T. 0.009 min
Lab File: ve355058.D
Acq: 21 Dec 2012 1:40 pm

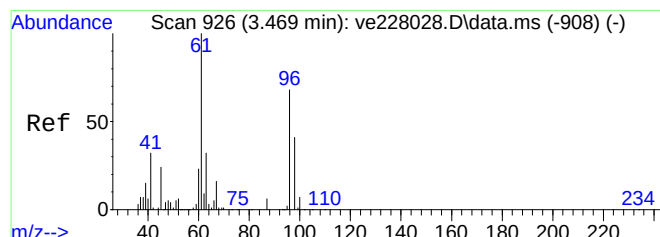
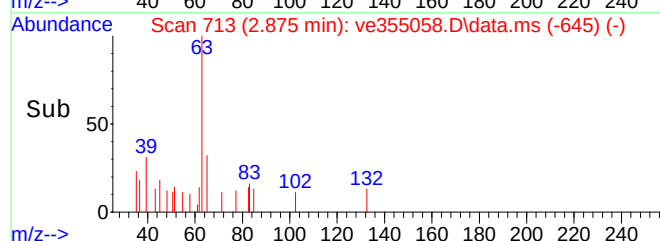
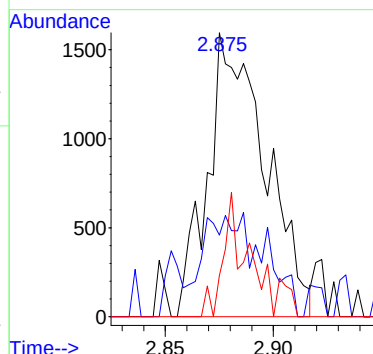
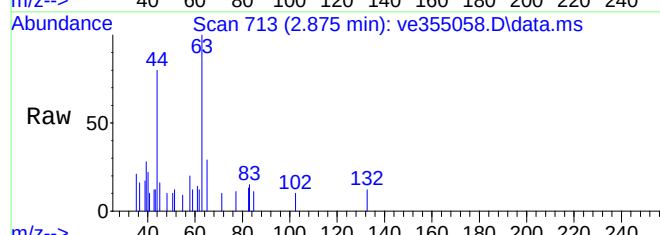
Tgt Ion: 61 Resp: 3866
Ion Ratio Lower Upper
61 100
96 52.4 52.1 78.1
98 46.0 34.2 51.2





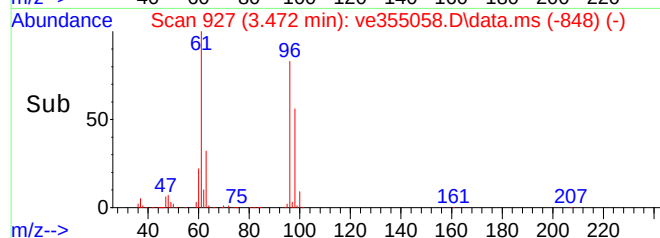
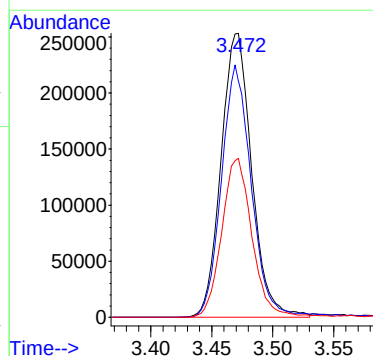
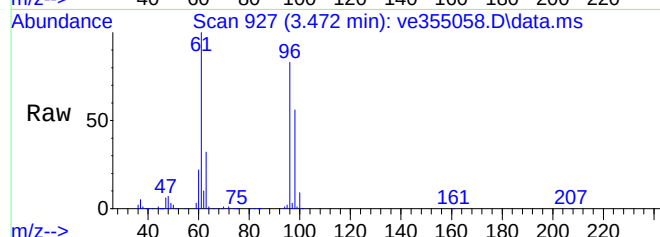
#26
1,1-DICHLOROETHANE
Concen: 0.31 UG/L
RT: 2.875 min Scan# 713
Delta R.T. -0.003 min
Lab File: ve355058.D
Acq: 21 Dec 2012 1:40 pm

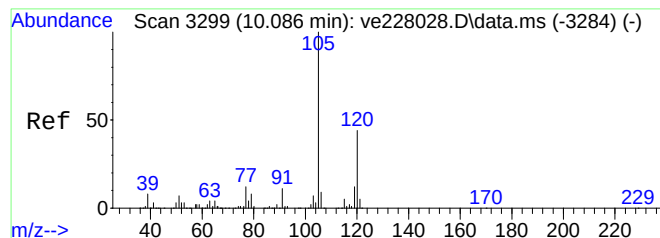
Tgt Ion: 63 Resp: 2960
Ion Ratio Lower Upper
63 100
65 0.0 23.8 35.6#
83 0.0 10.0 15.0#



#34
CIS-1,2-DICHLOROETHENE
Concen: 54.94 UG/L
RT: 3.472 min Scan# 927
Delta R.T. 0.006 min
Lab File: ve355058.D
Acq: 21 Dec 2012 1:40 pm

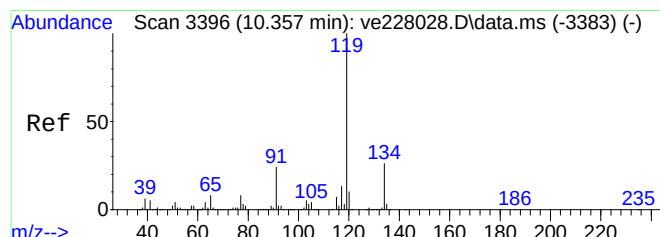
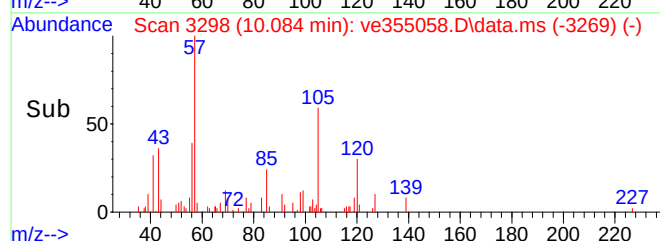
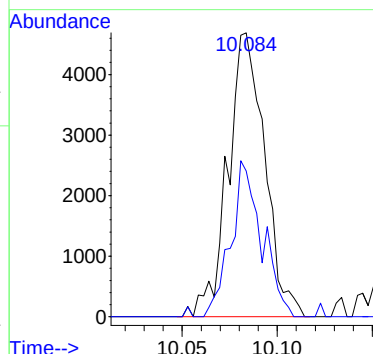
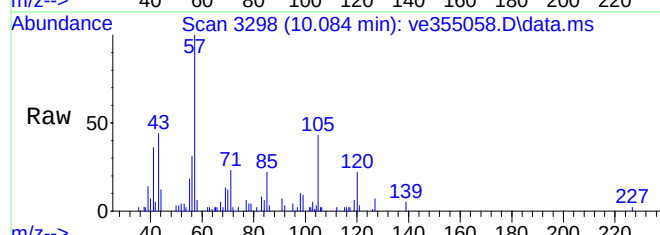
Tgt Ion: 61 Resp: 442790
Ion Ratio Lower Upper
61 100
96 86.8 55.4 83.0#
98 54.8 35.5 53.3#





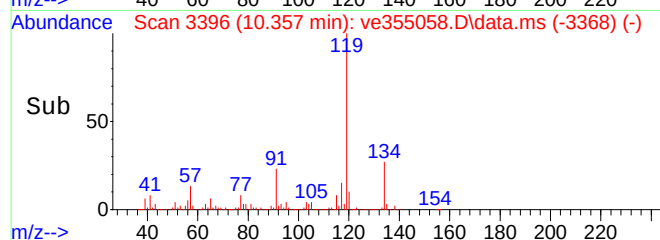
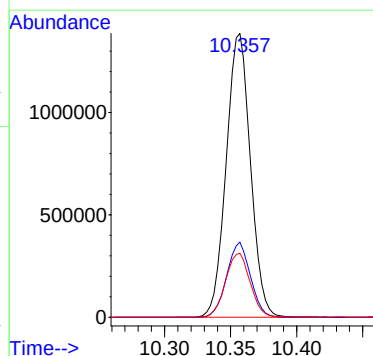
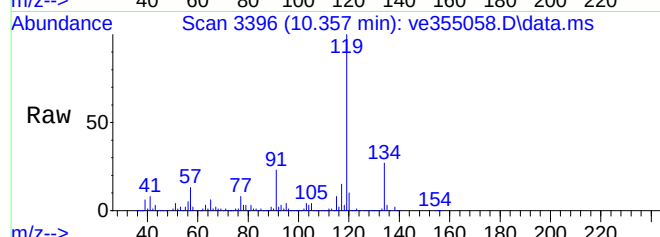
#90
1,2,4-TRIMETHYLBENZENE
Concen: 0.24 UG/L
RT: 10.084 min Scan# 3298
Delta R.T. 0.006 min
Lab File: ve355058.D
Acq: 21 Dec 2012 1:40 pm

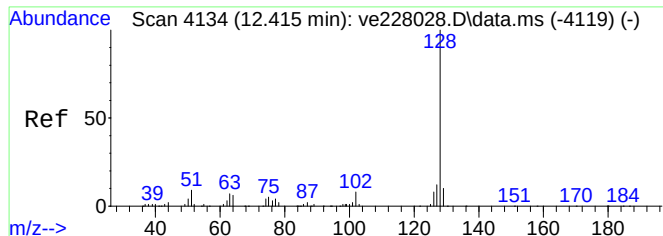
Tgt Ion:105 Resp: 6312
Ion Ratio Lower Upper
105 100
120 46.0 38.5 57.7



#93
P-ISOPROPYLTOLUENE
Concen: 66.66 UG/L
RT: 10.357 min Scan# 3396
Delta R.T. 0.006 min
Lab File: ve355058.D
Acq: 21 Dec 2012 1:40 pm

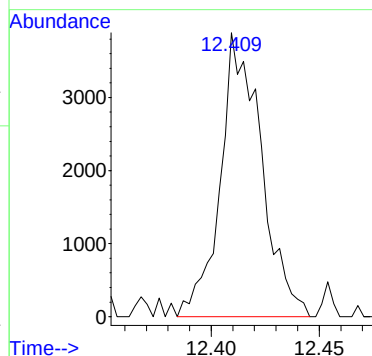
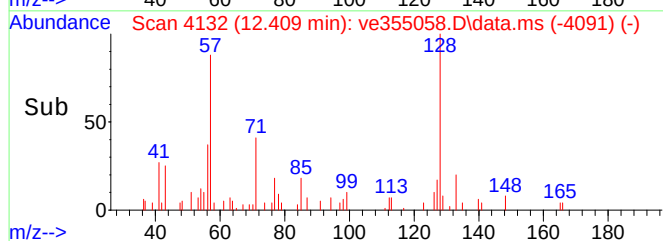
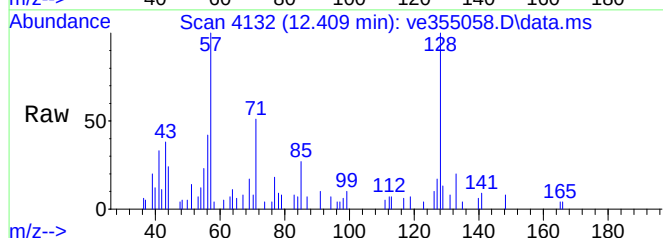
Tgt Ion:119 Resp: 1771414
Ion Ratio Lower Upper
119 100
134 25.9 21.3 31.9
91 22.9 17.4 26.0





#101
NAPHTHALENE
Concen: 0.32 UG/L
RT: 12.409 min Scan# 4132
Delta R.T. 0.005 min
Lab File: ve355058.D
Acq: 21 Dec 2012 1:40 pm
Tgt Ion:128 Resp: 5126

181



Data Path : C:\msdchem\1\DATA\122012\
Data File : ve355058.D
Acq On : 21 Dec 2012 1:40 pm
Operator :
Sample : 12L0458-05 @ 100X ME0H
Misc : 100
ALS Vial : 58 Sample Multiplier: 1

Integration Parameters: 8260B.P

Integrator: RTE
Smoothing : ON
Sampling : 1
Start Thrs: 0.2
Stop Thrs : 0

Filtering: 5
Min Area: 500 Area counts
Max Peaks: 9
Peak Location: TOP

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

Method : C:\msdchem\1\METHODS\E111712W.m
Title : 8260 WATER 5MLS VOAMS 5973 #5

Signal : TIC: ve355058.D\data.ms

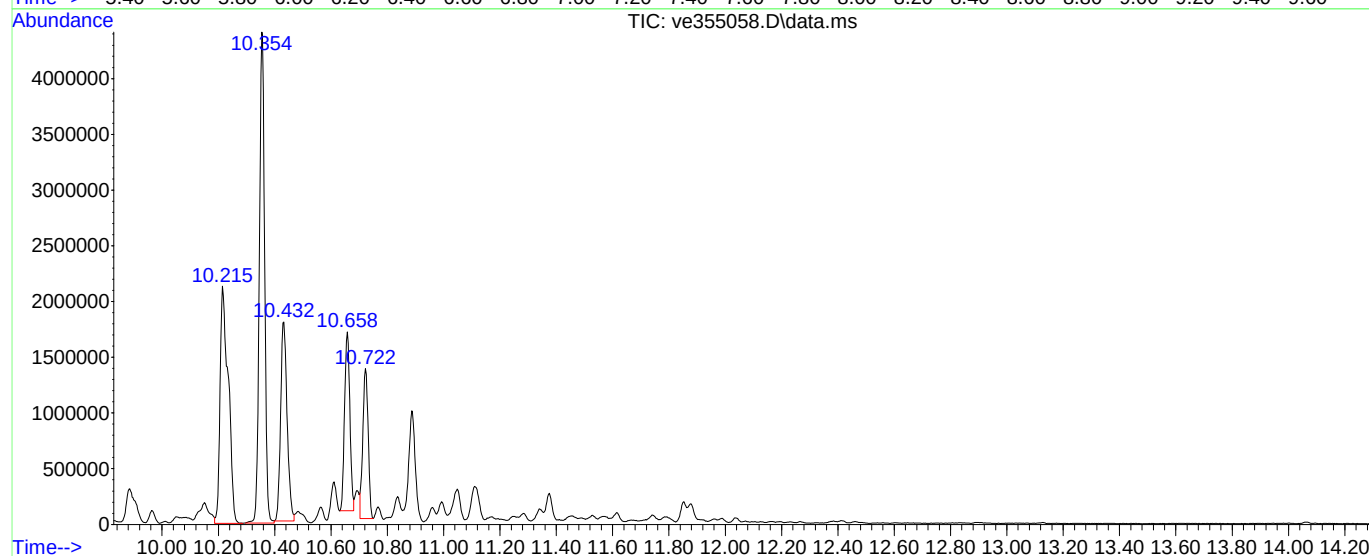
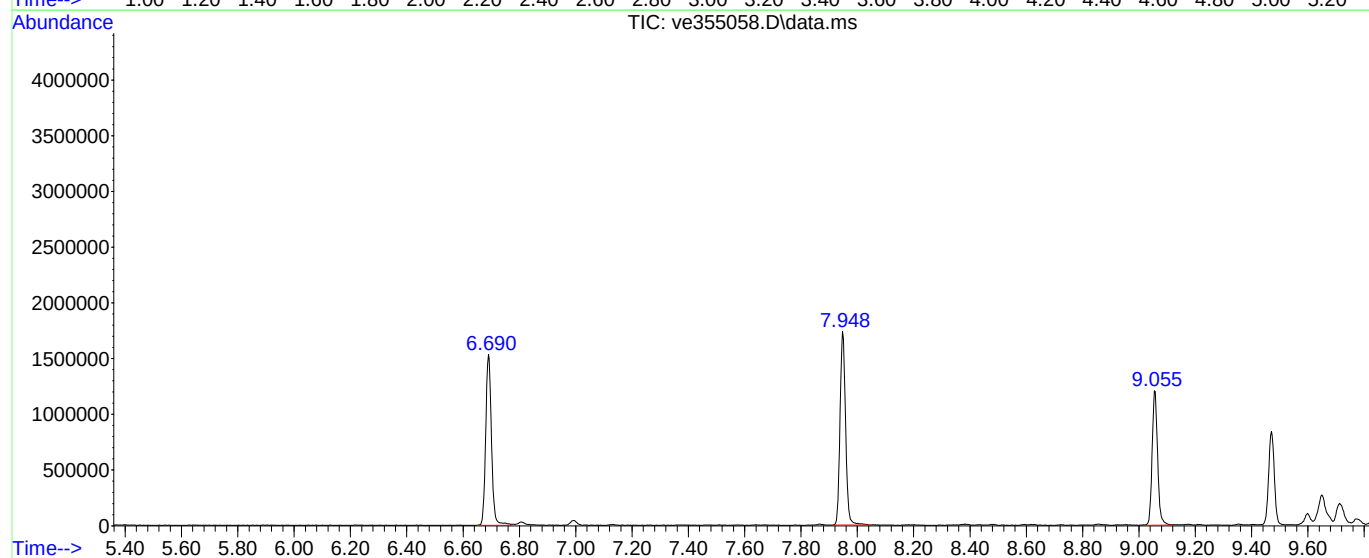
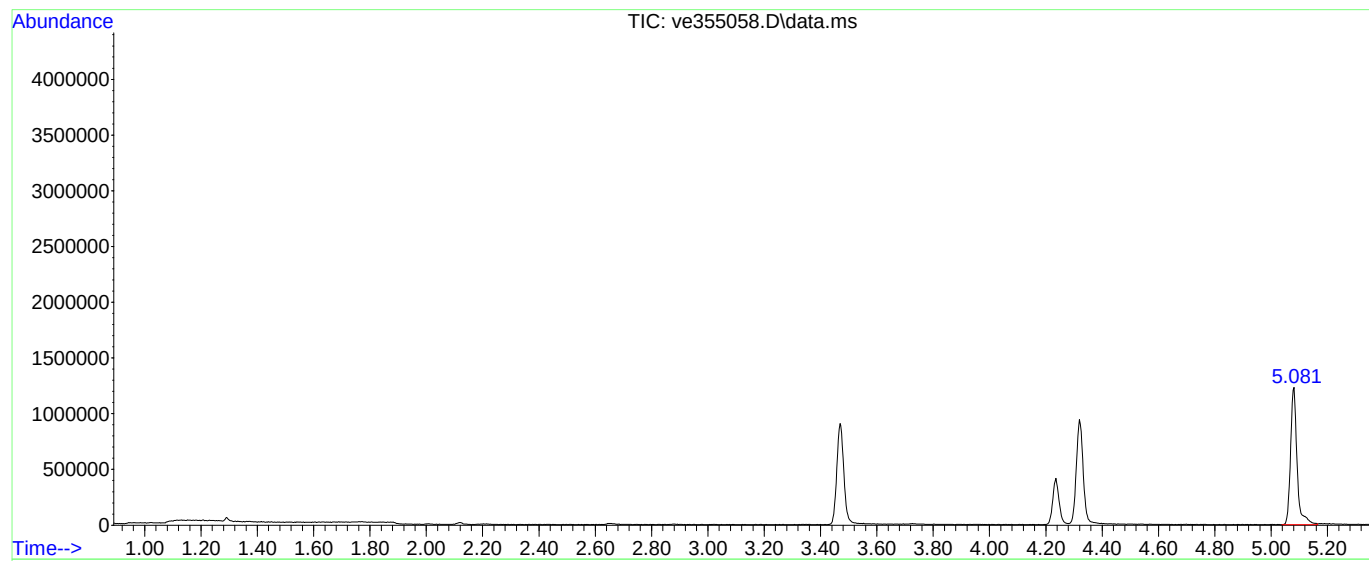
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.081	1489	1504	1534	rBV	1232527	1973074	33.89%	7.915%
2	6.690	2066	2081	2111	rBV	1533237	2166981	37.22%	8.693%
3	7.948	2520	2532	2568	rBV	1737703	2384054	40.94%	9.564%
4	9.055	2917	2929	2951	rVV	1204451	1619049	27.81%	6.495%
5	10.215	3335	3345	3371	rVB2	2126806	4287242	73.63%	17.199%
6	10.354	3374	3395	3411	rBV2	4405852	5822802	100.00%	23.359%
7	10.432	3411	3423	3436	rBV	1785737	2837198	48.73%	11.382%
8	10.658	3495	3504	3512	rBV	1602011	2078463	35.70%	8.338%
9	10.722	3520	3527	3537	rVB	1345232	1758593	30.20%	7.055%

Sum of corrected areas: 24927456

Data Path : C:\msdchem\1\DATA\122012\
Data File : ve355058.D
Acq On : 21 Dec 2012 1:40 pm
Operator :
Sample : 12L0458-05 @ 100X ME0H
Misc : 100
ALS Vial : 58 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5

TIC Library : C:\Database\NIST08.L
TIC Integration Parameters: 8260B.P



Data Path : C:\msdchem\1\DATA\122012\
Data File : ve355058.D
Acq On : 21 Dec 2012 1:40 pm
Operator :
Sample : 12L0458-05 @ 100X ME0H
Misc : 100
ALS Vial : 58 Sample Multiplier: 1

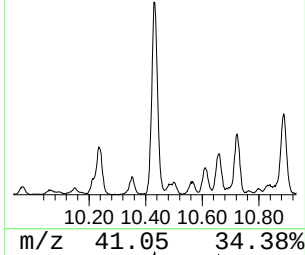
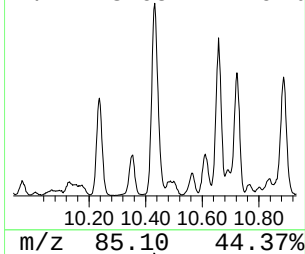
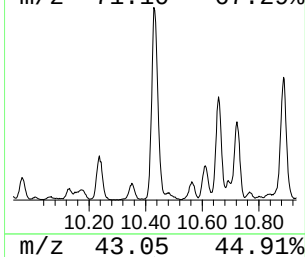
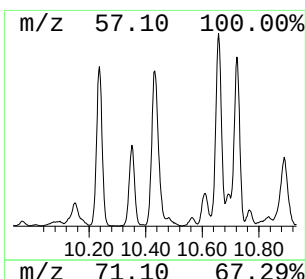
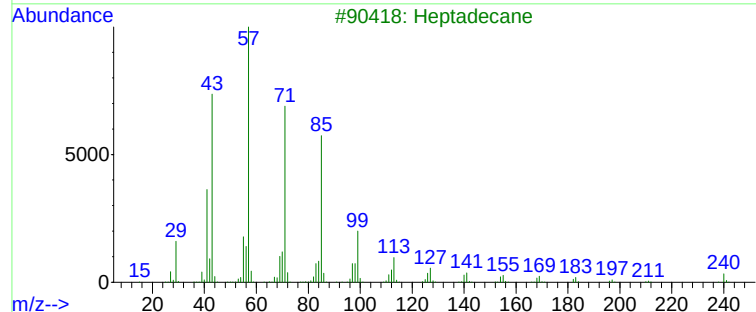
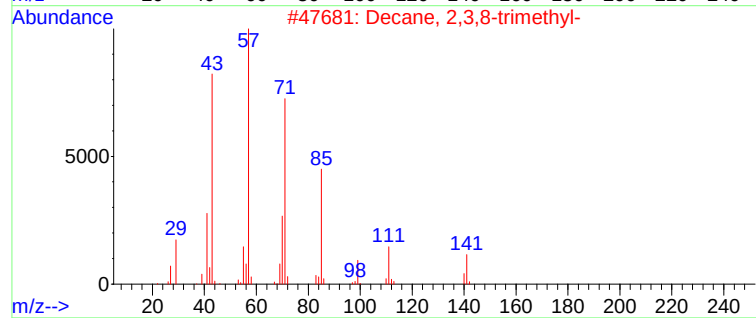
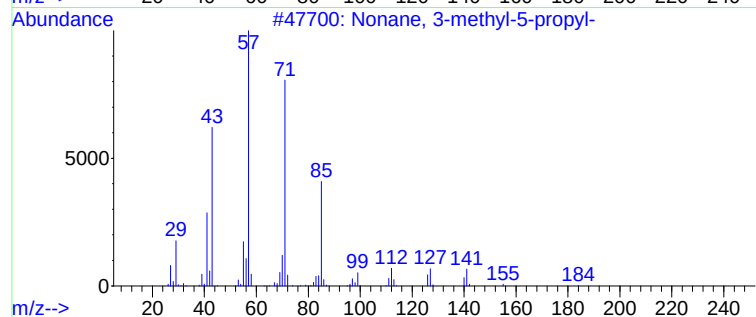
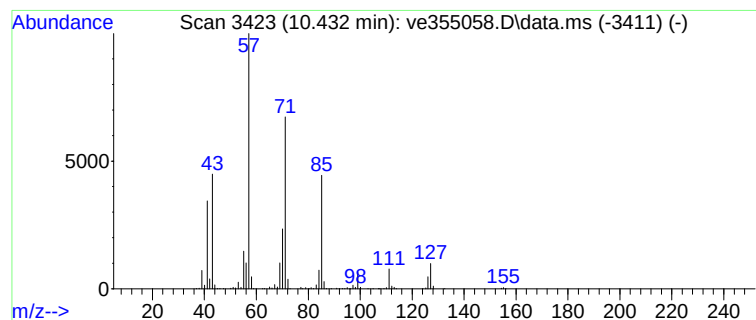
Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5

TIC Library : C:\Database\NIST08.L
TIC Integration Parameters: 8260B.P

Peak Number 1 Nonane, 3-methyl-5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.432	19.85 UG/L	2837200	1,4-DICHLOROBENZENE-D4-ISTD	10.215

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	78
2			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	72
3			Heptadecane	240	C17H36	000629-78-7	64
4			Oxalic acid, butyl 6-ethyloct-3-...	286	C16H30O4	1000309-34-2	64
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64



Data Path : C:\msdchem\1\DATA\122012\
Data File : ve355058.D
Acq On : 21 Dec 2012 1:40 pm
Operator :
Sample : 12L0458-05 @ 100X ME0H
Misc : 100
ALS Vial : 58 Sample Multiplier: 1

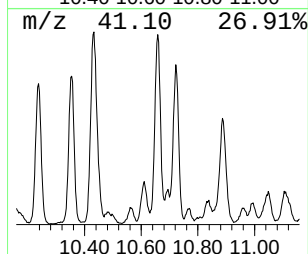
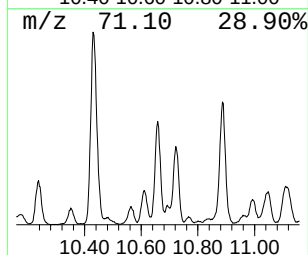
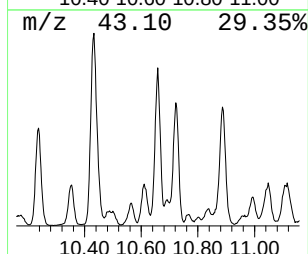
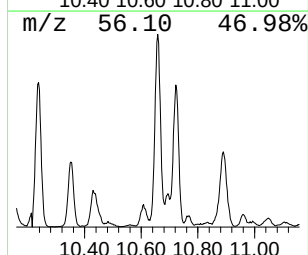
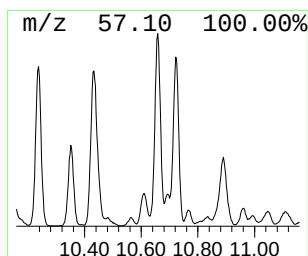
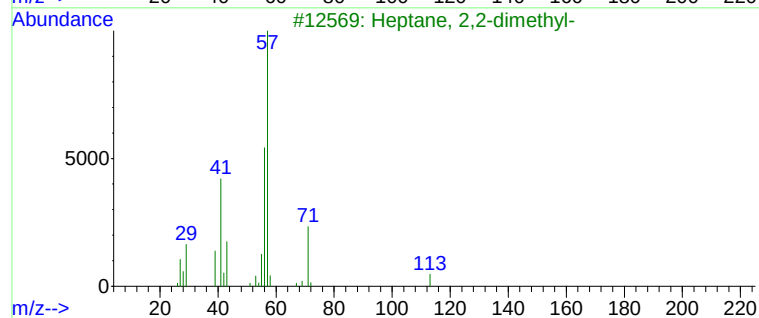
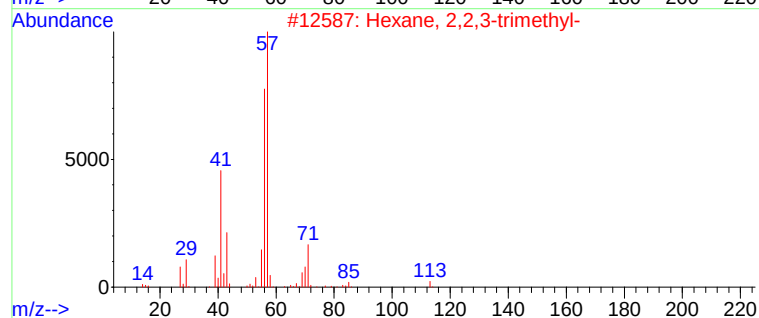
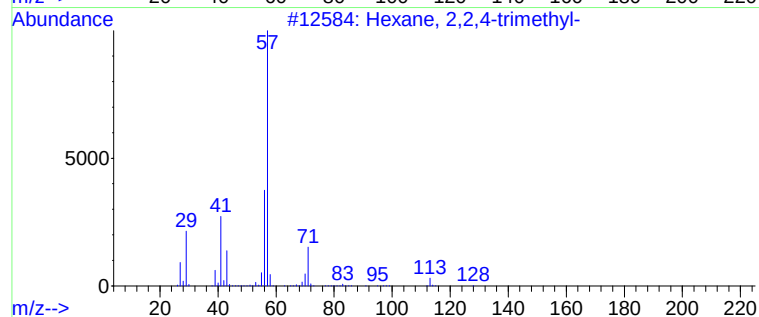
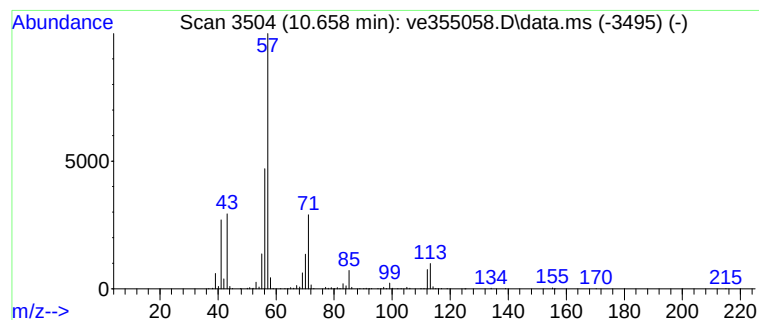
Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5

TIC Library : C:\Database\NIST08.L
TIC Integration Parameters: 8260B.P

Peak Number 2 Hexane, 2,2,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.658	14.54 UG/L	2078460	1,4-DICHLOROBENZENE-D4-ISTD	10.215

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64
2			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	59
3			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	59
4			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53



Data Path : C:\msdchem\1\DATA\122012\
Data File : ve355058.D
Acq On : 21 Dec 2012 1:40 pm
Operator :
Sample : 12L0458-05 @ 100X ME0H
Misc : 100
ALS Vial : 58 Sample Multiplier: 1

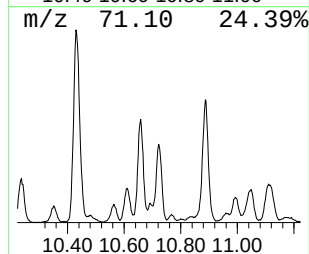
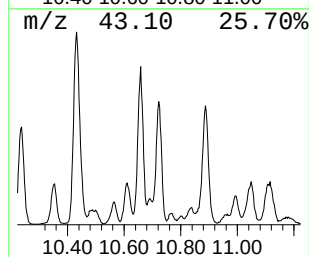
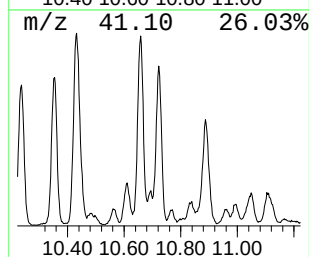
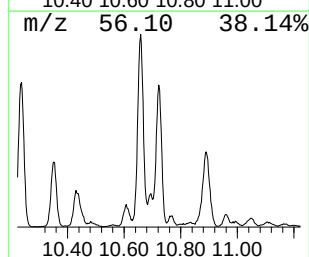
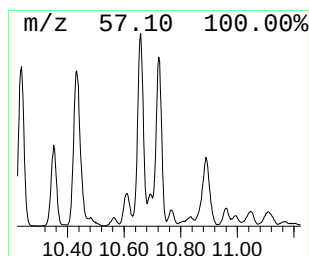
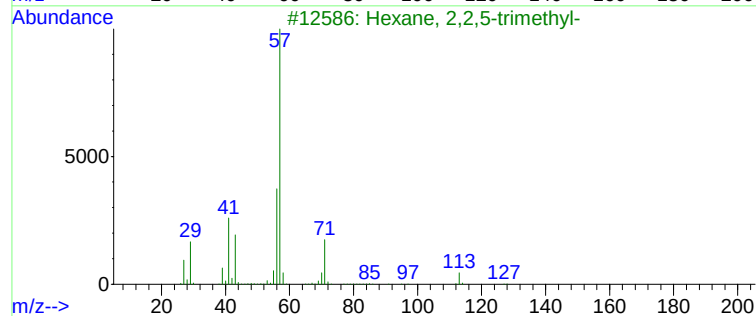
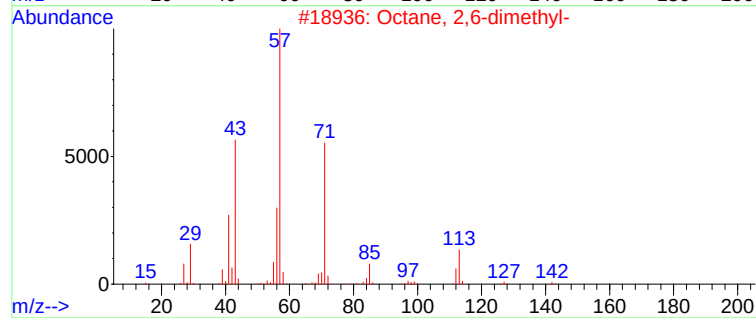
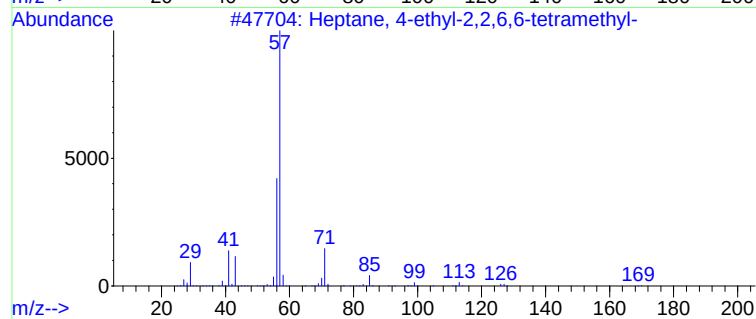
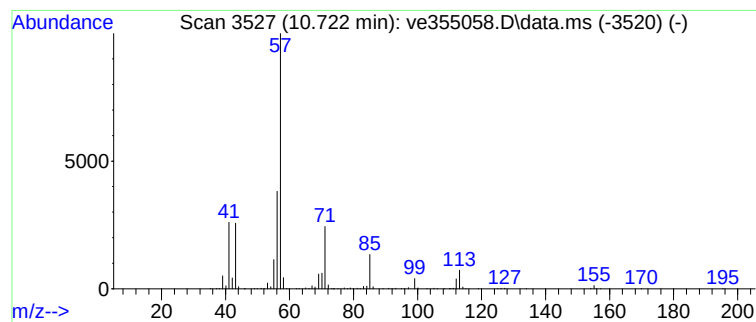
Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5

TIC Library : C:\Database\NIST08.L
TIC Integration Parameters: 8260B.P

Peak Number 3 Heptane, 4-ethyl-2,2,6,6-te... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.722	12.31 UG/L	1758590	1,4-DICHLOROBENZENE-D4-ISTD	10.215

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	78
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
4			Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	64
5			Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	59



Data Path : C:\msdchem\1\DATA\122012\
Data File : ve355058.D
Acq On : 21 Dec 2012 1:40 pm
Operator :
Sample : 12L0458-05 @ 100X ME0H
Misc : 100
ALS Vial : 58 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5

TIC Library : C:\Database\NIST08.L
TIC Integration Parameters: 8260B.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Nonane, 3-methy...	10.432	19.9	UG/L	2837200	4	10.215	4287240	30.0
Hexane, 2,2,4-t...	10.658	14.5	UG/L	2078460	4	10.215	4287240	30.0
Heptane, 4-ethy...	10.722	12.3	UG/L	1758590	4	10.215	4287240	30.0

1 - FORM I

ANALYSIS DATA SHEET

Cistern

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Ground Water Laboratory ID: 12L0458-06 File ID: ve355046.D
 Sampled: 12/13/12 10:30 Prepared: 12/20/12 08:51 Analyzed: 12/21/12 08:27
 Solids: Preparation: SW-846 5030B Dilution: 1
 Initial/Final: 5 mL / 5 mL
 Batch: B065019 Sequence: S003719 Calibration: 1200253 Instrument: GCMSVOA5

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
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	V-05
74-83-9	Bromomethane		0.38	2.0	R-05
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	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
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	2.9	0.33	2.0	
67-66-3	Chloroform		0.040	2.0	
74-87-3	Chloromethane		0.13	2.0	L-04, 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	

1 - FORM I

ANALYSIS DATA SHEET

Cistern

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Ground Water Laboratory ID: 12L0458-06 File ID: ve355046.D
 Sampled: 12/13/12 10:30 Prepared: 12/20/12 08:51 Analyzed: 12/21/12 08:27
 Solids: Preparation: SW-846 5030B Dilution: 1
 Initial/Final: 5 mL / 5 mL
 Batch: B065019 Sequence: S003719 Calibration: 1200253 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	L-04, V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	
75-34-3	1,1-Dichloroethane	2.9	0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-60-5	trans-1,2-Dichloroethylene	2.9	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	V-05
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	100	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	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	

1 - FORM I

ANALYSIS DATA SHEET

Cistern

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Ground Water Laboratory ID: 12L0458-06 File ID: ve355046.D
 Sampled: 12/13/12 10:30 Prepared: 12/20/12 08:51 Analyzed: 12/21/12 08:27
 Solids: Preparation: SW-846 5030B Dilution: 1
 Initial/Final: 5 mL / 5 mL
 Batch: B065019 Sequence: S003719 Calibration: 1200253 Instrument: GCMSVOA5

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	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
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	13	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	V-16
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	4.7	0.050	1.0	
79-00-5	1,1,2-Trichloroethane		0.080	1.0	
79-01-6	Trichloroethylene	2.4	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	1.0	
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	

1 - FORM I

ANALYSIS DATA SHEET

Cistern

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
Client: CDM Smith, Inc. - NY Project: Doro Cleaners
Matrix: Ground Water Laboratory ID: 12L0458-06 File ID: ve355046.D
Sampled: 12/13/12 10:30 Prepared: 12/20/12 08:51 Analyzed: 12/21/12 08:27
Solids: Preparation: SW-846 5030B Dilution: 1
Initial/Final: 5 mL / 5 mL
Batch: B065019 Sequence: Calibration: Instrument: GCMSVOA5

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
	No TICs Found	0.0			

Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355046.D
 Acq On : 21 Dec 2012 8:27 am
 Operator :
 Sample : 12L0458-06
 Misc : 1
 ALS Vial : 46 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 23 08:46:50 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

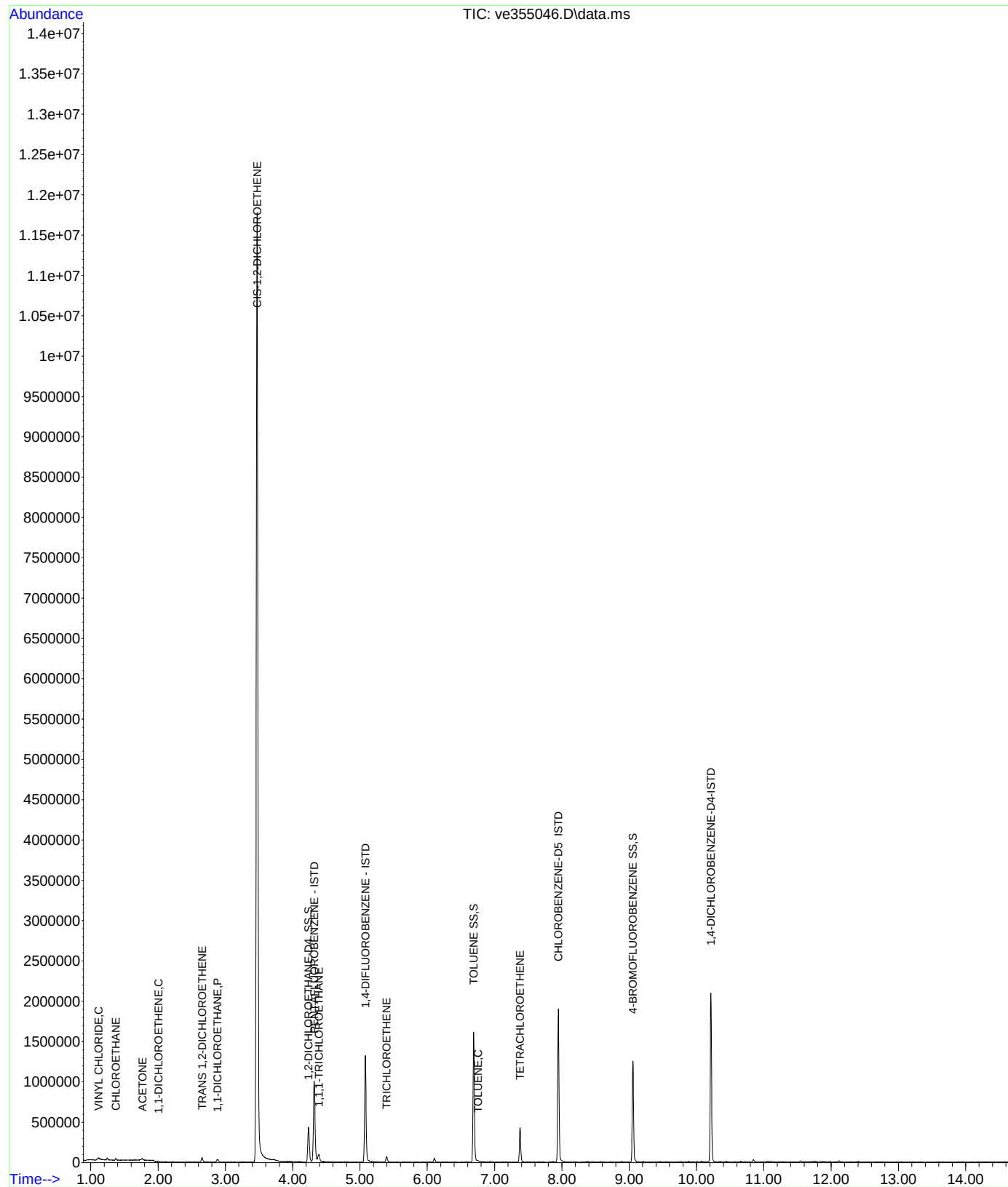
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.320	168	634599	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.081	114	947107	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	456366	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	488285	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	261222	24.77	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	99.08%	
48) TOLUENE SS	6.690	98	911105	24.68	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	98.72%	
70) 4-BROMOFLUOROBENZENE SS	9.055	95	334207	24.44	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	97.76%	
Target Compounds						
5) CHLOROMETHANE	1.035	50	733	Below Cal	#	28
6) VINYL CHLORIDE	1.115	62	7423	0.87	UG/L #	84
8) CHLOROETHANE	1.372	64	11323	2.94	UG/L #	76
14) ACETONE	1.768	43	17465	14.15	UG/L #	78
15) 1,1-DICHLOROETHENE	2.005	61	3529	0.37	UG/L	96
25) TRANS 1,2-DICHLOROETHENE	2.655	61	24319	2.88	UG/L	86
26) 1,1-DICHLOROETHANE	2.883	63	30378	2.90	UG/L #	94
34) CIS-1,2-DICHLOROETHENE	3.472	61	5625580	632.98	UG/L #	82
41) 1,1,1-TRICHLOROETHANE	4.389	97	48253	4.71	UG/L	91
51) TRICHLOROETHENE	5.396	95	17147	2.36	UG/L	97
60) TOLUENE	6.754	91	5896	0.21	UG/L	97
65) TETRACHLOROETHENE	7.379	166	99033	12.82	UG/L	96

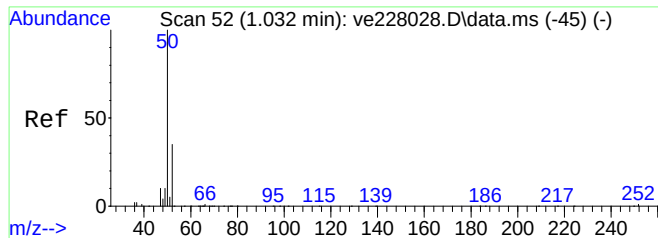
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\DATA\122012\
Data File : ve355046.D
Acq On : 21 Dec 2012 8:27 am
Operator :
Sample : 12L0458-06
Misc : 1
ALS Vial : 46 Sample Multiplier: 1

Inst : GCMSVOA5

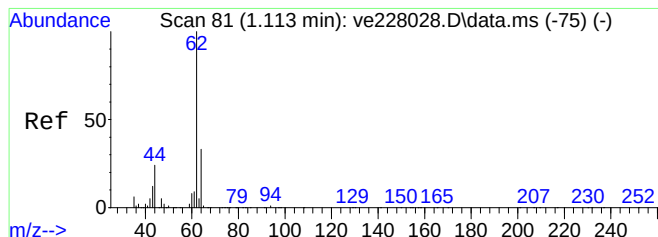
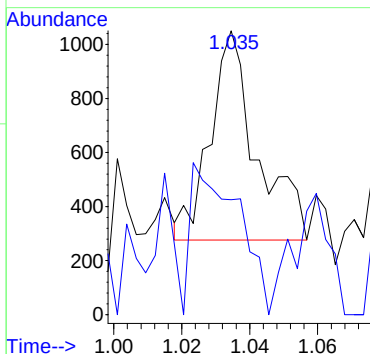
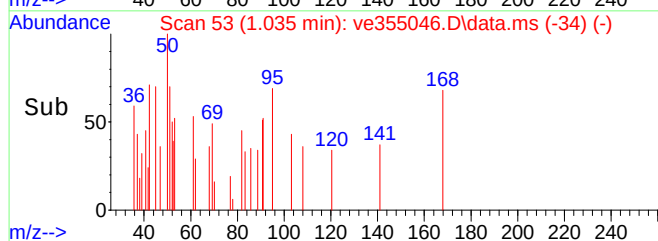
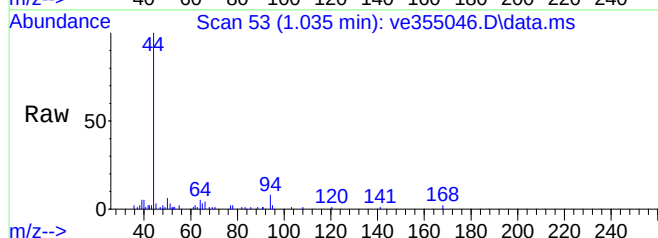
Quant Time: Dec 23 08:46:50 2012
Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Sun Nov 18 11:06:04 2012
Response via : Initial Calibration





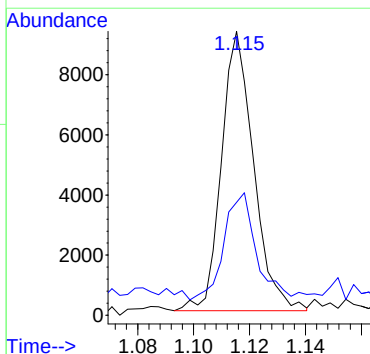
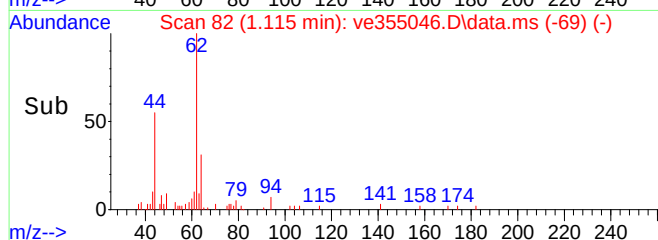
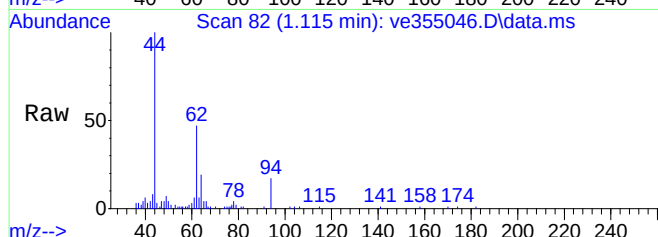
#5
CHLOROMETHANE
Concen: Below Cal
RT: 1.035 min Scan# 53
Delta R.T. -0.000 min
Lab File: ve355046.D
Acq: 21 Dec 2012 8:27 am

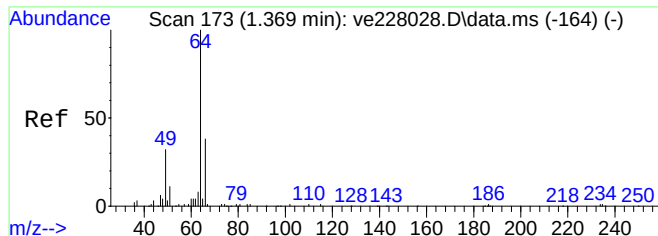
Tgt Ion: 50 Resp: 733
Ion Ratio Lower Upper
50 100
52 74.2 26.6 40.0#



#6
VINYL CHLORIDE
Concen: 0.87 UG/L
RT: 1.115 min Scan# 82
Delta R.T. 0.000 min
Lab File: ve355046.D
Acq: 21 Dec 2012 8:27 am

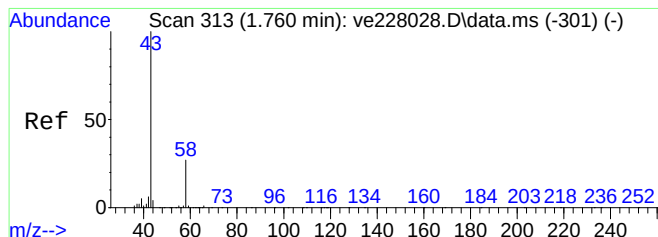
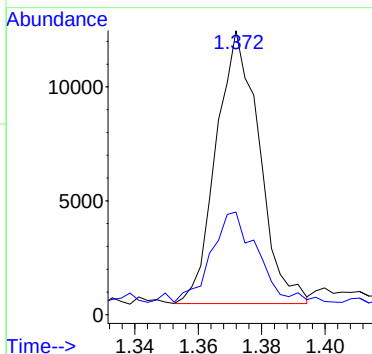
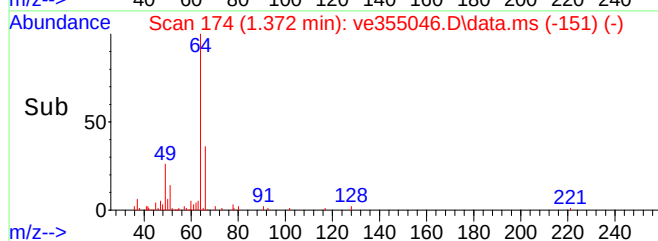
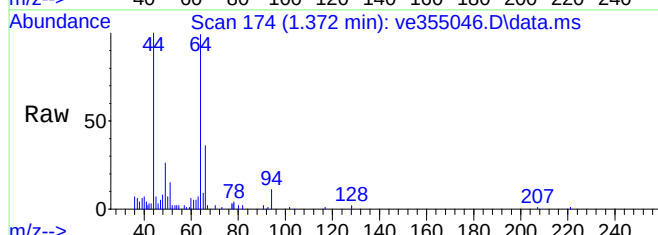
Tgt Ion: 62 Resp: 7423
Ion Ratio Lower Upper
62 100
64 38.9 24.0 36.0#





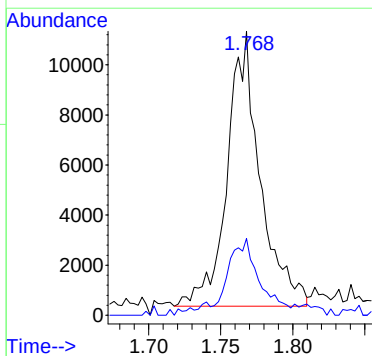
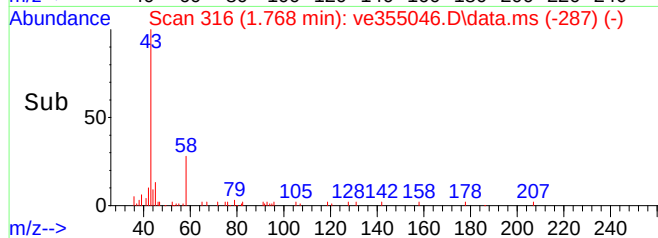
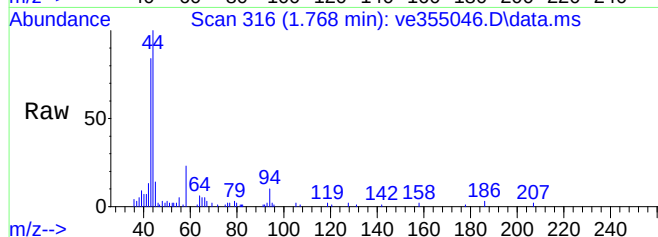
#8
CHLOROETHANE
Concen: 2.94 UG/L
RT: 1.372 min Scan# 174
Delta R.T. -0.000 min
Lab File: ve355046.D
Acq: 21 Dec 2012 8:27 am

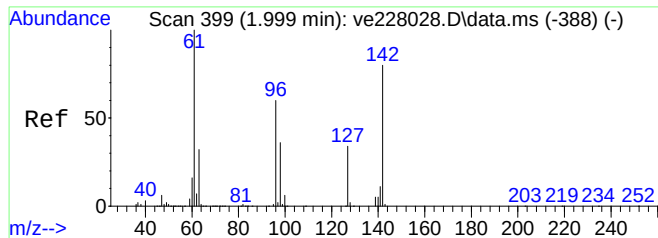
Tgt Ion: 64 Resp: 11323
Ion Ratio Lower Upper
64 100
66 36.1 19.4 29.2#



#14
ACETONE
Concen: 14.15 UG/L
RT: 1.768 min Scan# 316
Delta R.T. 0.008 min
Lab File: ve355046.D
Acq: 21 Dec 2012 8:27 am

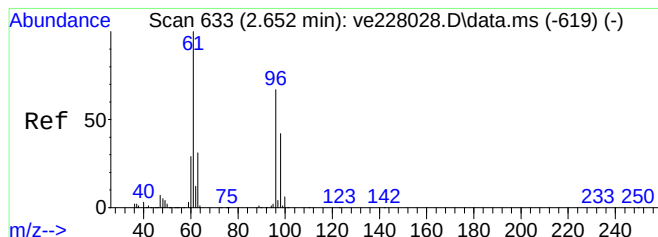
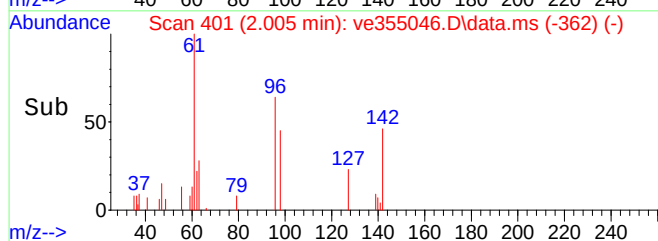
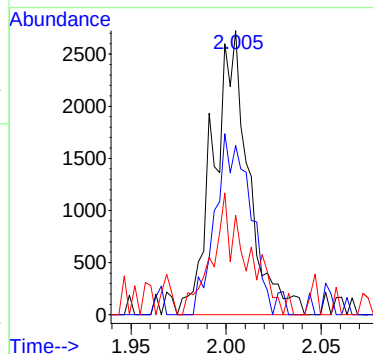
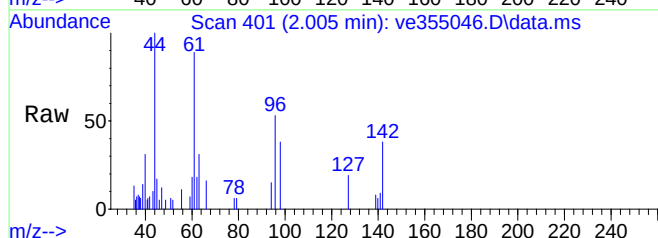
Tgt Ion: 43 Resp: 17465
Ion Ratio Lower Upper
43 100
58 22.4 28.2 42.4#





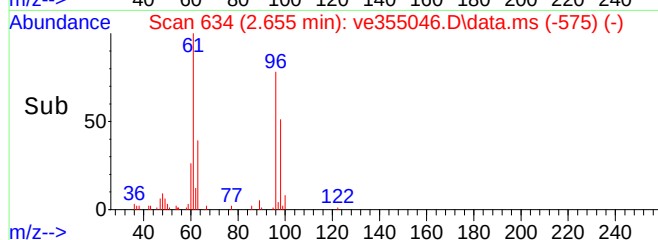
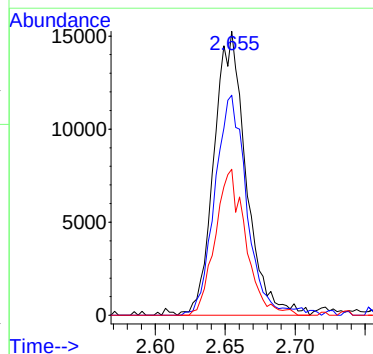
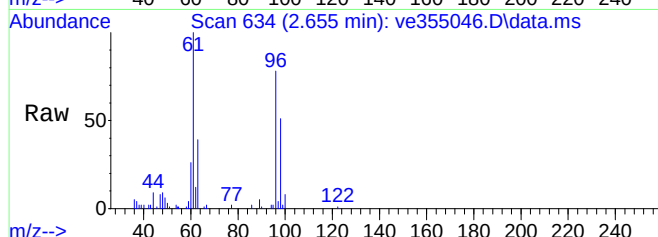
#15
1,1-DICHLOROETHENE
Concen: 0.37 UG/L
RT: 2.005 min Scan# 401
Delta R.T. 0.006 min
Lab File: ve355046.D
Acq: 21 Dec 2012 8:27 am

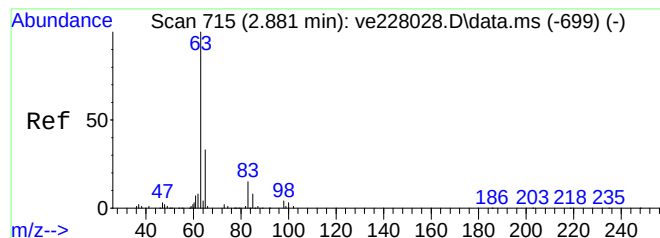
Tgt Ion: 61 Resp: 3529
Ion Ratio Lower Upper
61 100
96 62.2 52.1 78.1
63 30.8 26.3 39.5



#25
TRANS 1,2-DICHLOROETHENE
Concen: 2.88 UG/L
RT: 2.655 min Scan# 634
Delta R.T. 0.009 min
Lab File: ve355046.D
Acq: 21 Dec 2012 8:27 am

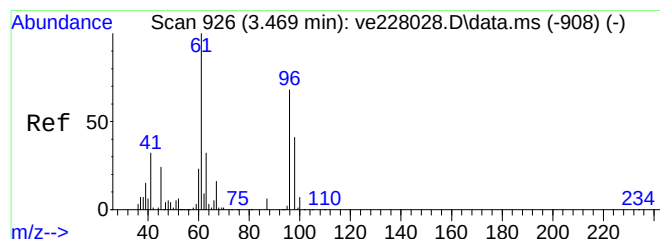
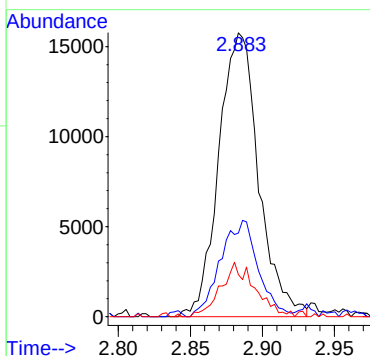
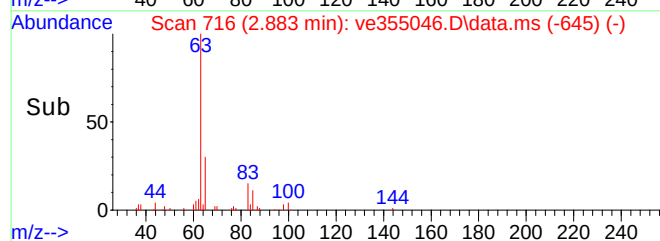
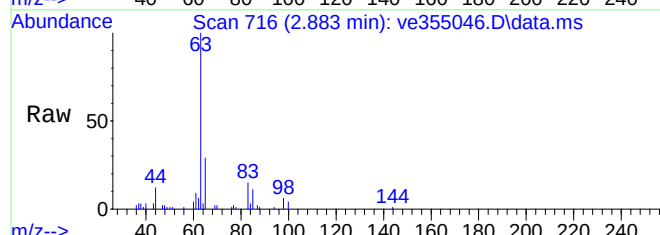
Tgt Ion: 61 Resp: 24319
Ion Ratio Lower Upper
61 100
96 77.7 52.1 78.1
98 48.9 34.2 51.2





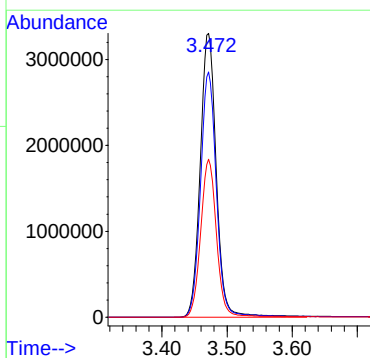
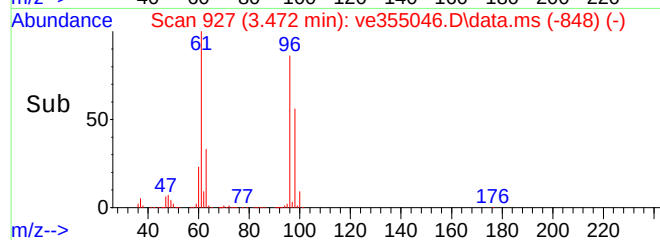
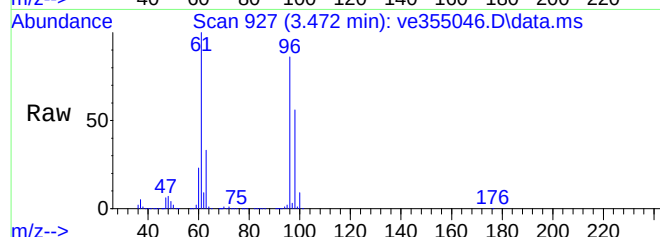
#26
1,1-DICHLOROETHANE
Concen: 2.90 UG/L
RT: 2.883 min Scan# 716
Delta R.T. 0.005 min
Lab File: ve355046.D
Acq: 21 Dec 2012 8:27 am

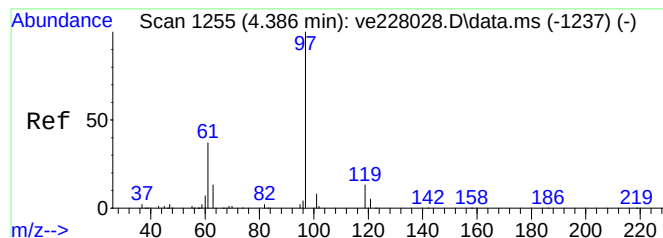
Tgt Ion: 63 Resp: 30378
Ion Ratio Lower Upper
63 100
65 32.1 23.8 35.6
83 16.4 10.0 15.0#



#34
CIS-1,2-DICHLOROETHENE
Concen: 632.98 UG/L
RT: 3.472 min Scan# 927
Delta R.T. 0.006 min
Lab File: ve355046.D
Acq: 21 Dec 2012 8:27 am

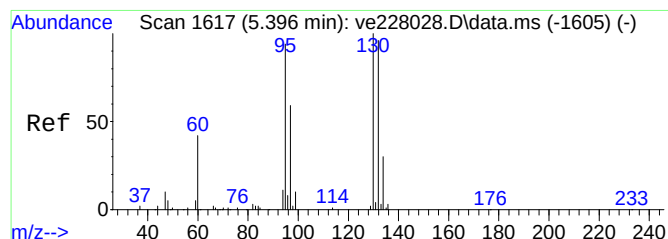
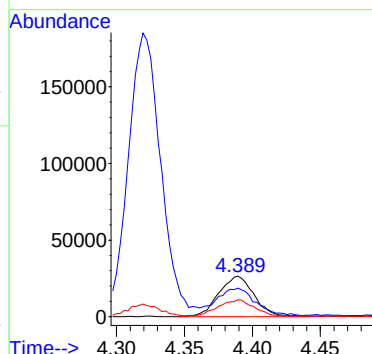
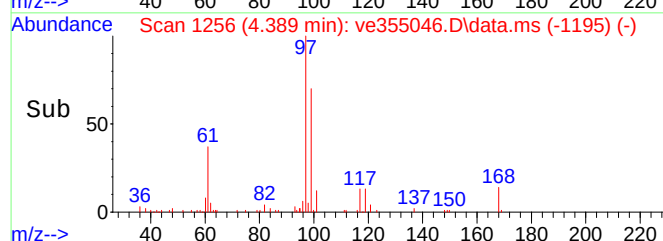
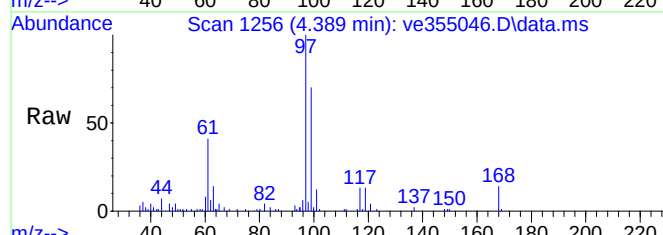
Tgt Ion: 61 Resp: 5625580
Ion Ratio Lower Upper
61 100
96 85.8 55.4 83.0#
98 54.4 35.5 53.3#





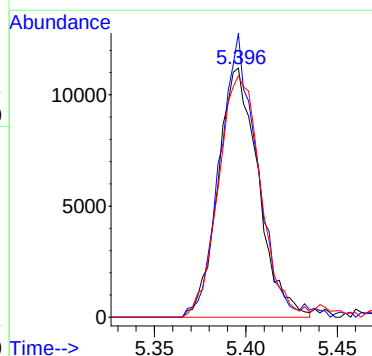
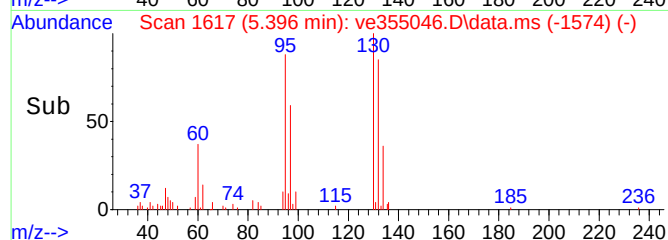
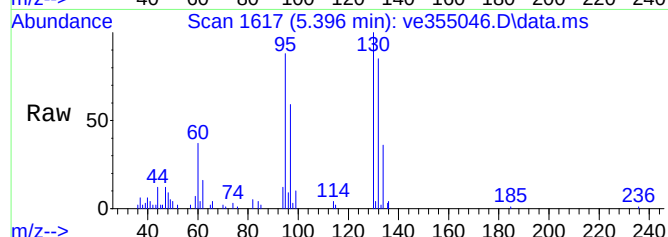
#41
1,1,1-TRICHLOROETHANE
Concen: 4.71 UG/L
RT: 4.389 min Scan# 1256
Delta R.T. 0.008 min
Lab File: ve355046.D
Acq: 21 Dec 2012 8:27 am

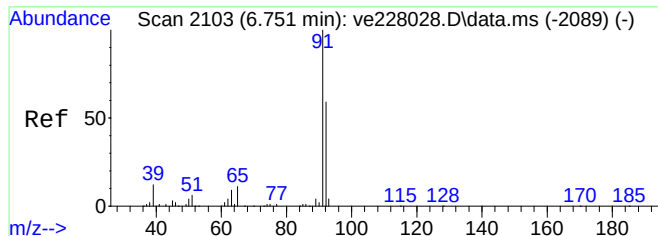
Tgt Ion: 97 Resp: 48253
Ion Ratio Lower Upper
97 100
99 71.9 50.3 75.5
61 41.5 35.4 53.2



#51
TRICHLOROETHENE
Concen: 2.36 UG/L
RT: 5.396 min Scan# 1617
Delta R.T. 0.006 min
Lab File: ve355046.D
Acq: 21 Dec 2012 8:27 am

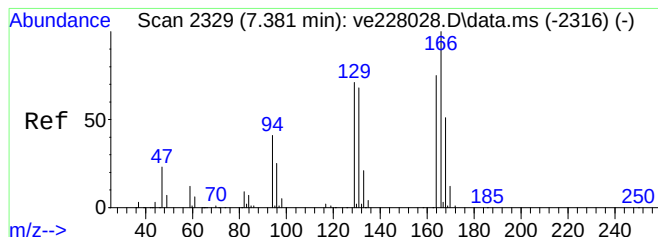
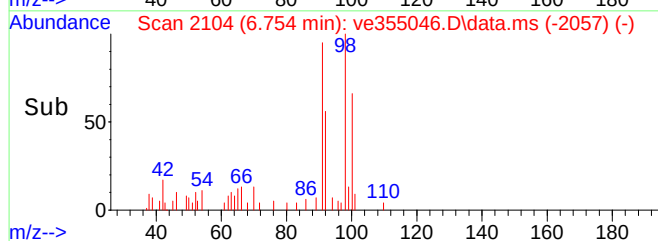
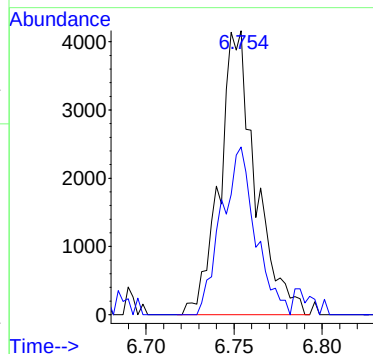
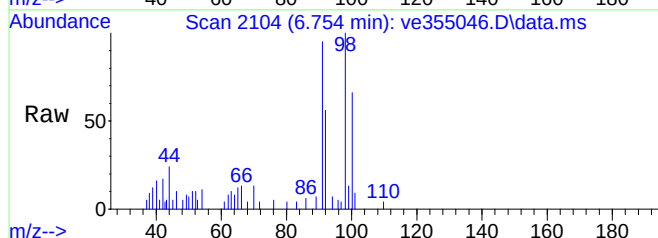
Tgt Ion: 95 Resp: 17147
Ion Ratio Lower Upper
95 100
130 104.2 81.5 122.3
132 100.6 83.5 125.3





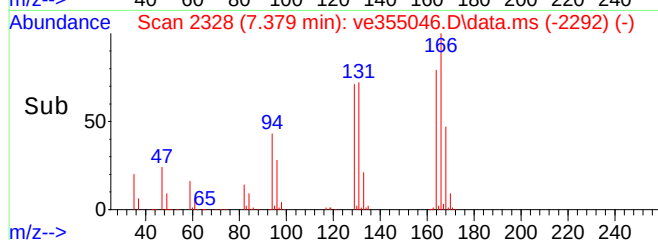
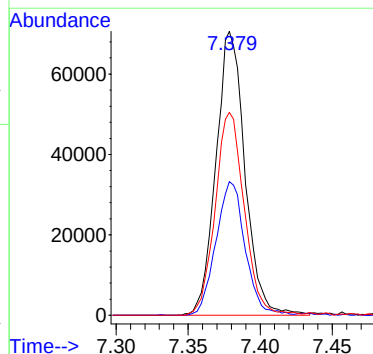
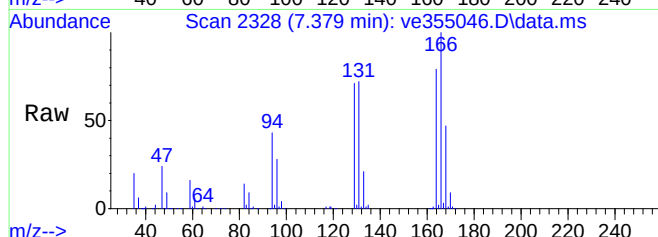
#60
TOLUENE
Concen: 0.21 UG/L
RT: 6.754 min Scan# 2104
Delta R.T. 0.008 min
Lab File: ve355046.D
Acq: 21 Dec 2012 8:27 am

Tgt Ion: 91 Resp: 5896
Ion Ratio Lower Upper
91 100
92 55.7 46.6 70.0



#65
TETRACHLOROETHENE
Concen: 12.82 UG/L
RT: 7.379 min Scan# 2328
Delta R.T. 0.006 min
Lab File: ve355046.D
Acq: 21 Dec 2012 8:27 am

Tgt Ion: 166 Resp: 99033
Ion Ratio Lower Upper
166 100
168 47.3 37.5 56.3
129 71.6 53.3 79.9



Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355046.D
 Acq On : 21 Dec 2012 8:27 am
 Operator :
 Sample : 12L0458-06
 Misc : 1
 ALS Vial : 46 Sample Multiplier: 1

Integration Parameters: 8260B.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 500 Area counts
 Max Peaks: 9
 Peak Location: TOP

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

Method : C:\msdchem\1\METHODS\E111712W.m
 Title : 8260 WATER 5MLS VOAMS 5973 #5

Signal : TIC: ve355046.D\data.ms

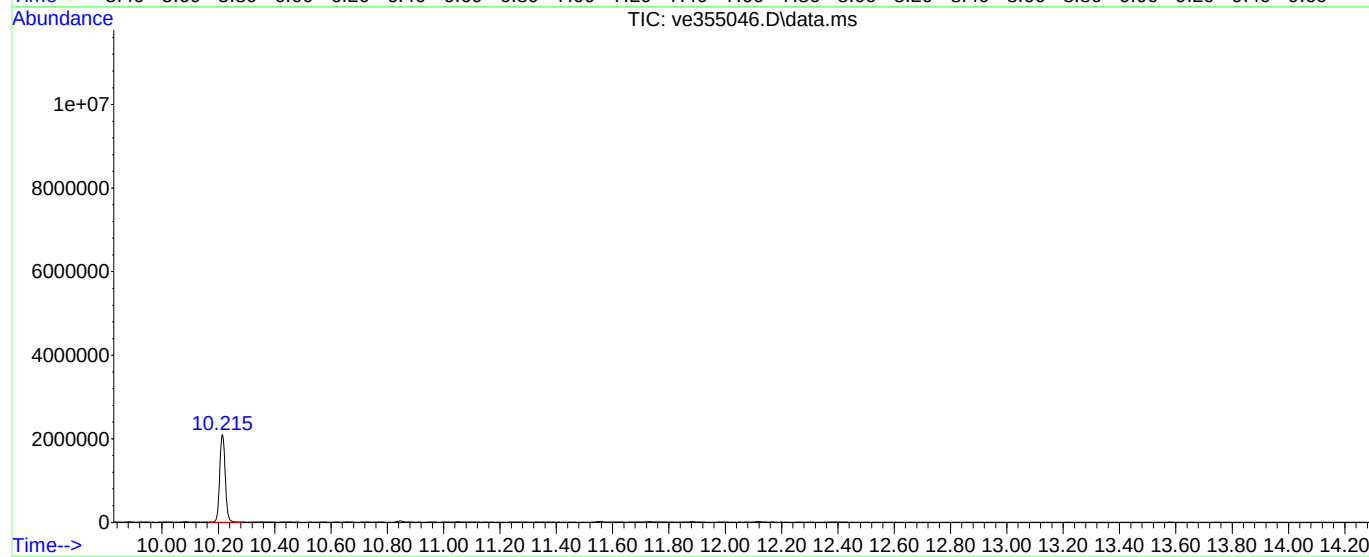
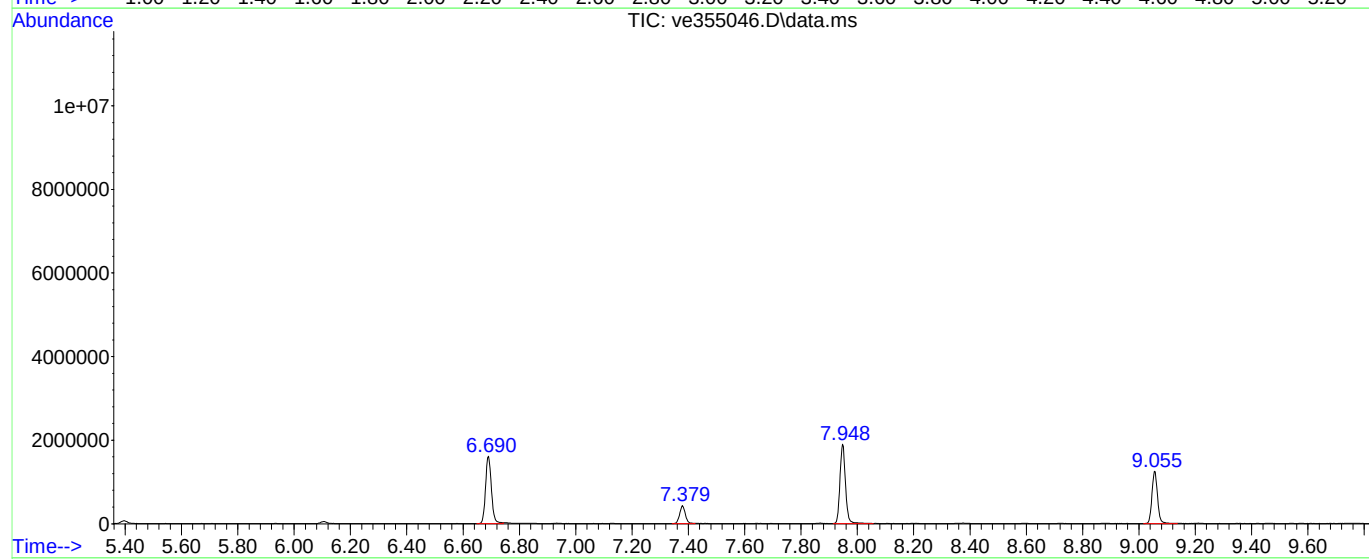
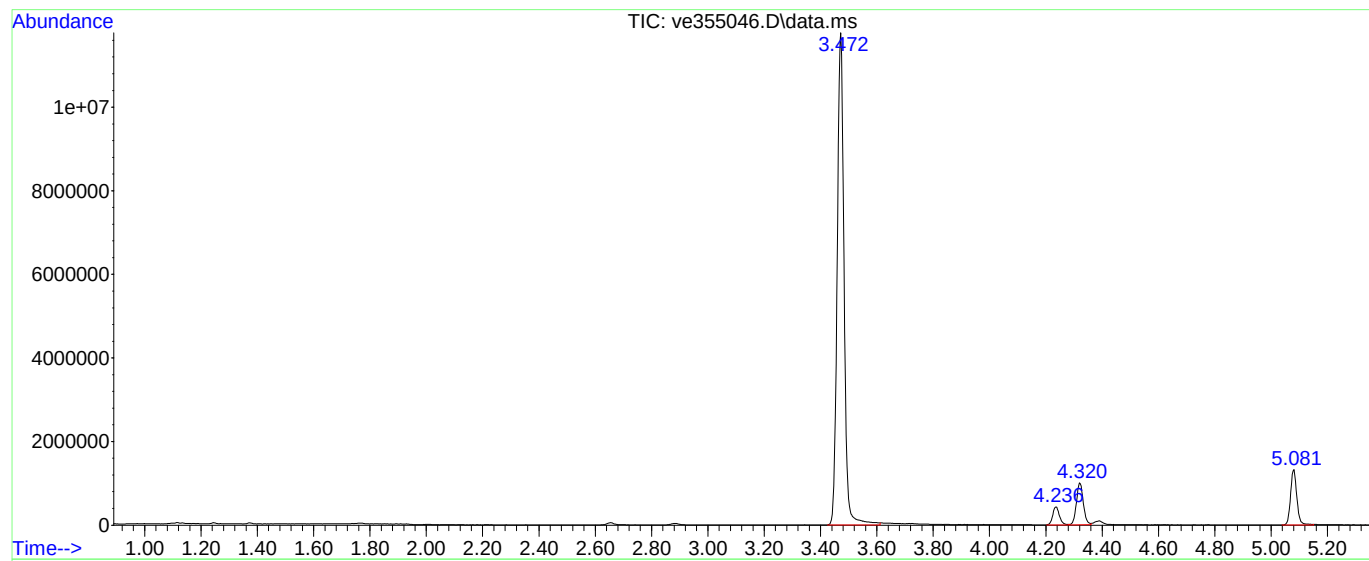
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.472	910	927	977	rBV	11776614	19911179	100.00%	57.918%
2	4.236	1189	1201	1217	rVV2	432793	716639	3.60%	2.085%
3	4.320	1218	1231	1246	rVV	999981	1697215	8.52%	4.937%
4	5.081	1489	1504	1529	rBV	1321358	2032775	10.21%	5.913%
5	6.690	2066	2081	2100	rBV	1612399	2314715	11.63%	6.733%
6	7.379	2315	2328	2344	rBV2	427134	591822	2.97%	1.721%
7	7.948	2520	2532	2571	rBV	1900027	2570656	12.91%	7.478%
8	9.055	2915	2929	2958	rBV2	1254478	1719596	8.64%	5.002%
9	10.215	3328	3345	3370	rVB2	2094330	2823848	14.18%	8.214%

Sum of corrected areas: 34378445

Data Path : C:\msdchem\1\DATA\122012\
Data File : ve355046.D
Acq On : 21 Dec 2012 8:27 am
Operator :
Sample : 12L0458-06
Misc : 1
ALS Vial : 46 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5

TIC Library : C:\Database\NIST08.L
TIC Integration Parameters: 8260B.P



Data Path : C:\msdchem\1\DATA\122012\
Data File : ve355046.D
Acq On : 21 Dec 2012 8:27 am
Operator :
Sample : 12L0458-06
Misc : 1
ALS Vial : 46 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5

TIC Library : C:\Database\NIST08.L
TIC Integration Parameters: 8260B.P

No Library Search Compounds Detected

Data Path : C:\msdchem\1\DATA\122012\
Data File : ve355046.D
Acq On : 21 Dec 2012 8:27 am
Operator :
Sample : 12L0458-06
Misc : 1
ALS Vial : 46 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5

TIC Library : C:\Database\NIST08.L
TIC Integration Parameters: 8260B.P

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

1 - FORM I

ANALYSIS DATA SHEET

Cistern

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
Client: CDM Smith, Inc. - NY Project: Doro Cleaners
Matrix: Ground Water Laboratory ID: 12L0458-06RE1 File ID: ve354042.D
Sampled: 12/13/12 10:30 Prepared: 12/19/12 09:41 Analyzed: 12/20/12 02:17
Solids: Preparation: SW-846 5030B Dilution: 200
Initial/Final: 5 mL / 5 mL
Batch: B065223 Sequence: S003721 Calibration: 1200253 Instrument: GCMSVOA5

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
156-59-2	cis-1,2-Dichloroethylene	620	10	200	

Data Path : C:\msdchem\1\DATA\121912\
 Data File : ve354042.D
 Acq On : 20 Dec 2012 2:17 am
 Operator :
 Sample : 12L0458-06RE1 @ 200X
 Misc : 200
 ALS Vial : 42 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 20 10:19:47 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

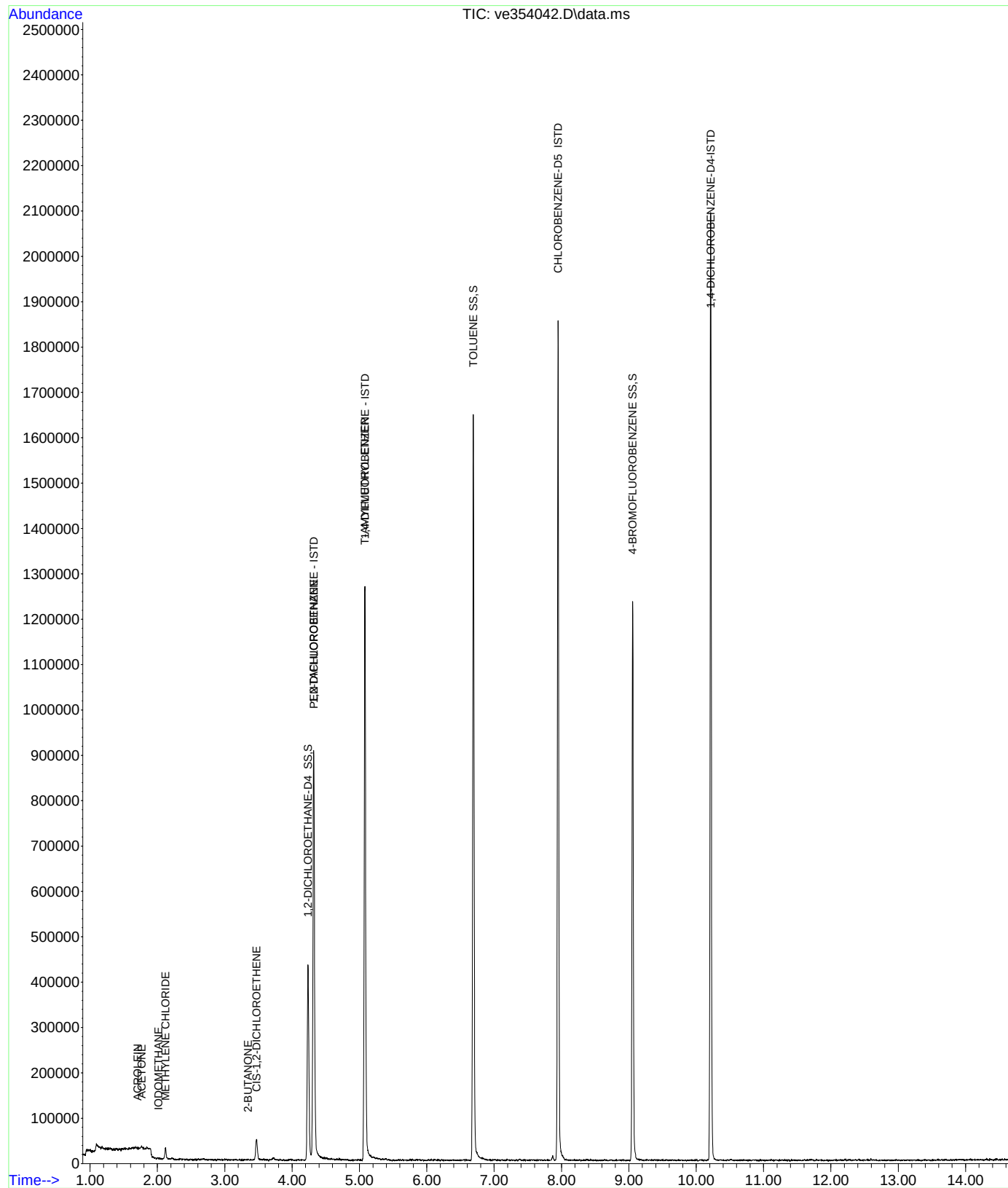
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.322	168	547866	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.081	114	867938	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	438064	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	451531	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	258622	28.41	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	113.64%	
48) TOLUENE SS	6.690	98	879267	25.99	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	103.96%	
70) 4-BROMOFLUOROBENZENE SS	9.055	95	316327	24.10	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	96.40%	
Target Compounds						
5) CHLOROMETHANE	1.037	50	659	Below Cal	#	41
13) ACROLEIN	1.701	56	569	1.50	UG/L #	14
14) ACETONE	1.763	43	3153	2.96	UG/L #	39
17) IODOMETHANE	2.014	142	1263	5.67	UG/L #	34
22) METHYLENE CHLORIDE	2.119	49	10107	1.56	UG/L #	76
31) 2-BUTANONE	3.341	43	661	0.54	UG/L #	60
34) CIS-1,2-DICHLOROETHENE	3.469	61	23663	3.08	UG/L #	83
46) T-AMYLMETHYL ETHER	5.078	73	9773	0.79	UG/L #	45
49) 1,2-DICHLOROETHANE	4.320	62	3013	0.37	UG/L #	1

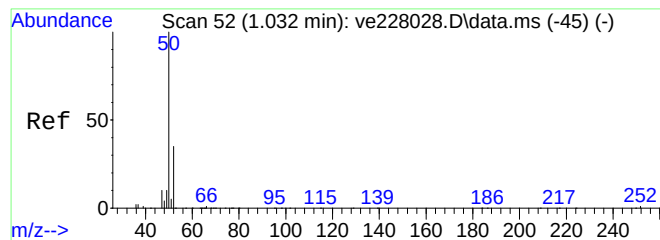
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\DATA\121912\
Data File : ve354042.D
Acq On : 20 Dec 2012 2:17 am
Operator :
Sample : 12L0458-06RE1 @ 200X
Misc : 200
ALS Vial : 42 Sample Multiplier: 1

Inst : GCMSV0A5

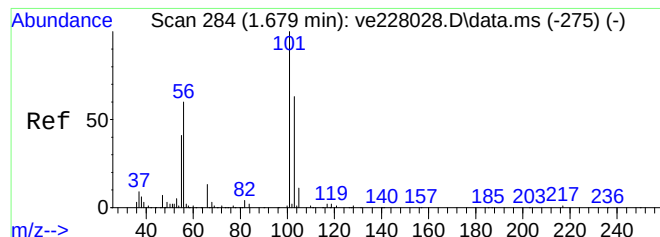
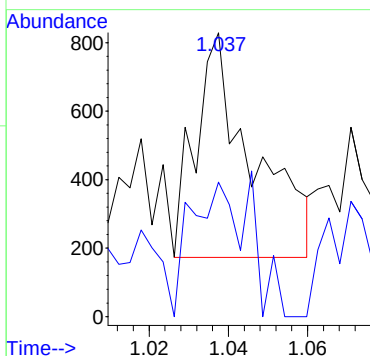
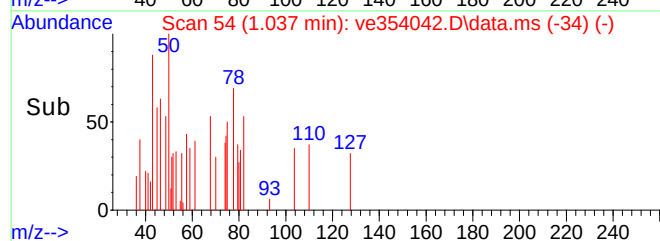
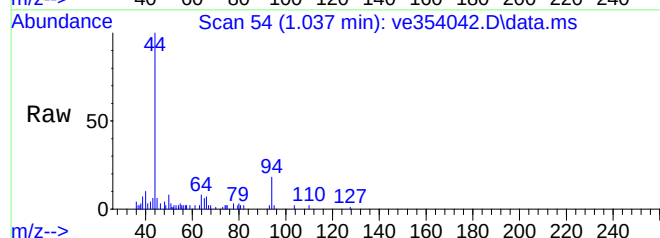
Quant Time: Dec 20 10:19:47 2012
Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Sun Nov 18 11:06:04 2012
Response via : Initial Calibration





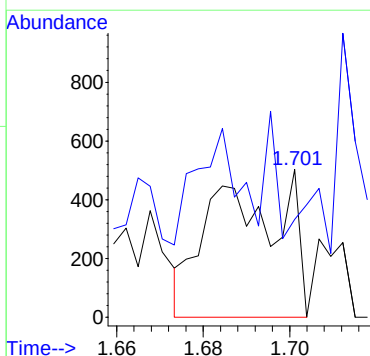
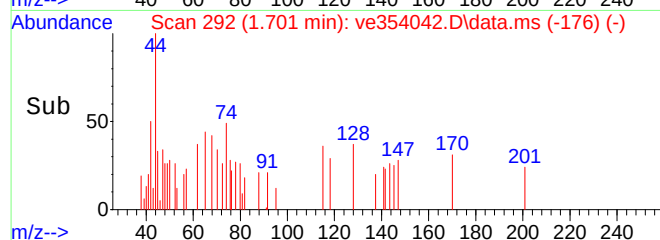
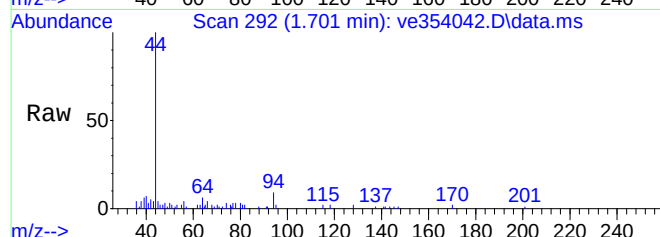
#5
 CHLOROMETHANE
 Concen: Below Cal
 RT: 1.037 min Scan# 54
 Delta R.T. 0.002 min
 Lab File: ve354042.D
 Acq: 20 Dec 2012 2:17 am

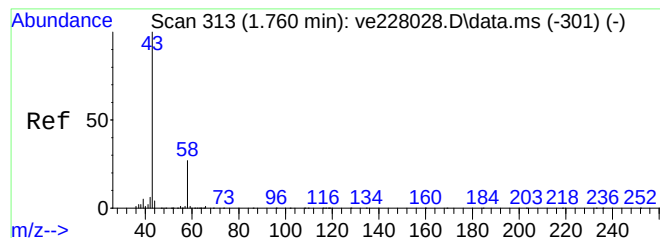
Tgt Ion: 50 Resp: 659
 Ion Ratio Lower Upper
 50 100
 52 0.0 26.6 40.0#



#13
 ACROLEIN
 Concen: 1.50 UG/L
 RT: 1.701 min Scan# 292
 Delta R.T. 0.022 min
 Lab File: ve354042.D
 Acq: 20 Dec 2012 2:17 am

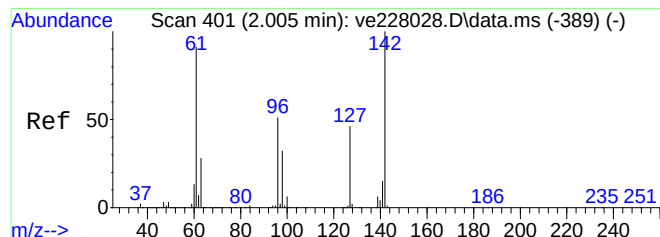
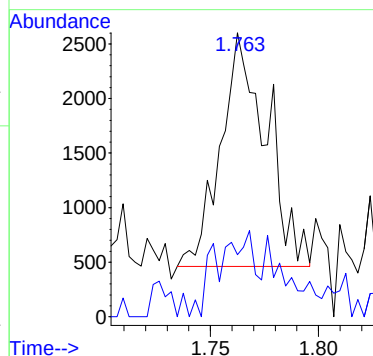
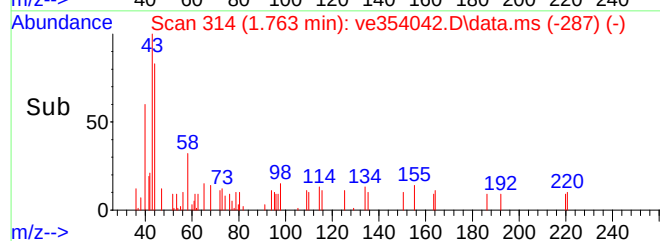
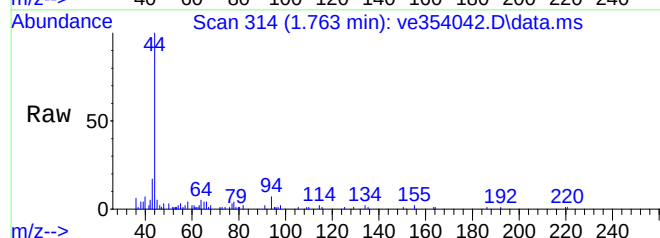
Tgt Ion: 56 Resp: 569
 Ion Ratio Lower Upper
 56 100
 55 0.0 56.8 85.2#





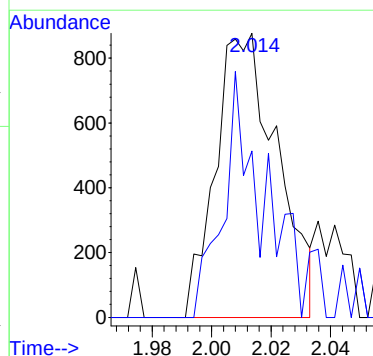
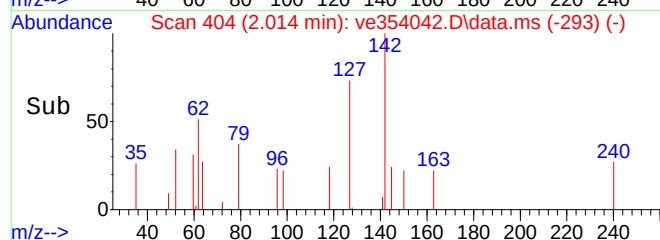
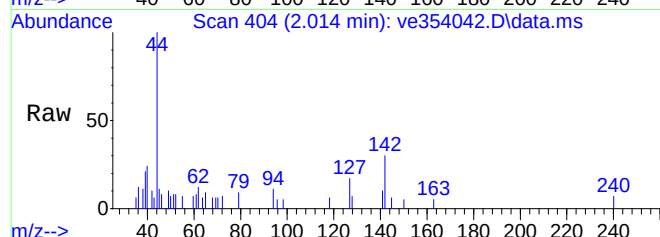
#14
ACETONE
Concen: 2.96 UG/L
RT: 1.763 min Scan# 314
Delta R.T. 0.003 min
Lab File: ve354042.D
Acq: 20 Dec 2012 2:17 am

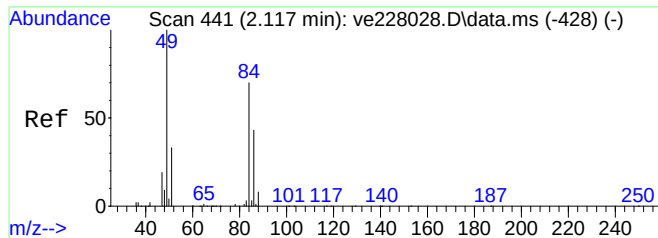
Tgt Ion: 43 Resp: 3153
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#



#17
Iodomethane
Concen: 5.67 UG/L
RT: 2.014 min Scan# 404
Delta R.T. 0.009 min
Lab File: ve354042.D
Acq: 20 Dec 2012 2:17 am

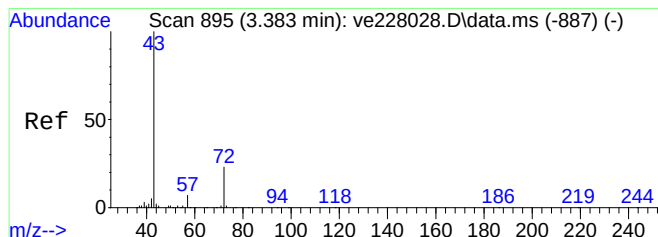
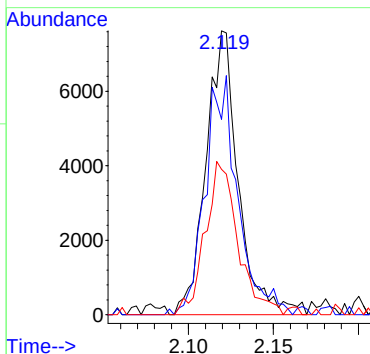
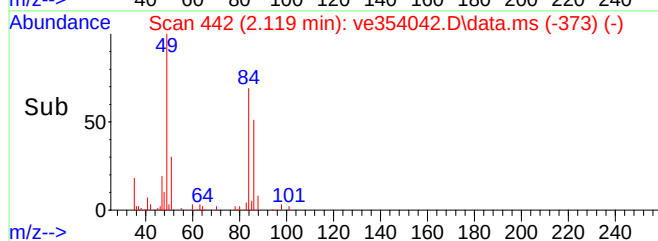
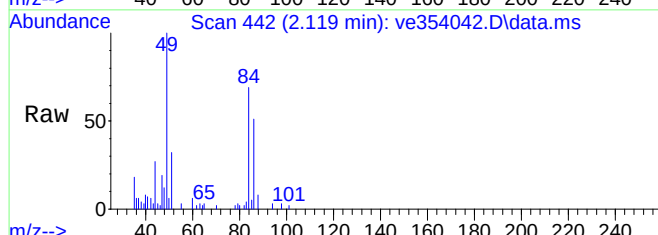
Tgt Ion: 142 Resp: 1263
Ion Ratio Lower Upper
142 100
127 0.0 32.9 49.3#





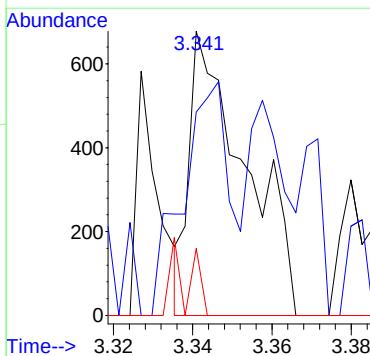
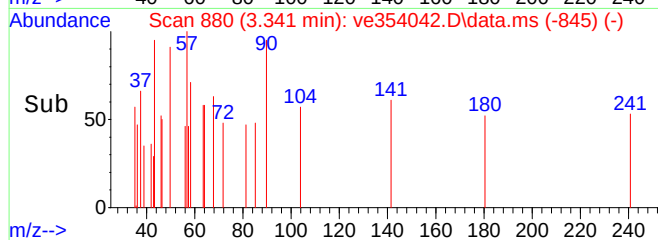
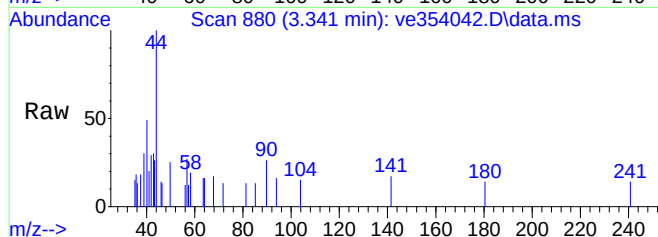
#22
METHYLENE CHLORIDE
Concen: 1.56 UG/L
RT: 2.119 min Scan# 442
Delta R.T. 0.003 min
Lab File: ve354042.D
Acq: 20 Dec 2012 2:17 am

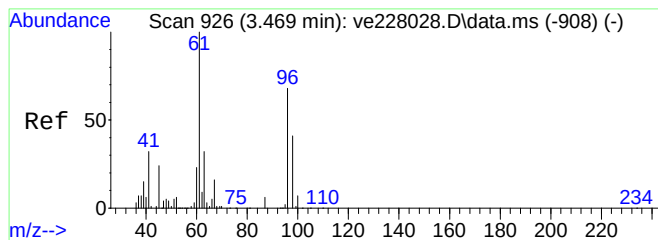
Tgt Ion: 49 Resp: 10107
Ion Ratio Lower Upper
49 100
84 84.8 52.4 78.6#
86 54.5 32.2 48.2#



#31
2-BUTANONE
Concen: 0.54 UG/L
RT: 3.341 min Scan# 880
Delta R.T. -0.036 min
Lab File: ve354042.D
Acq: 20 Dec 2012 2:17 am

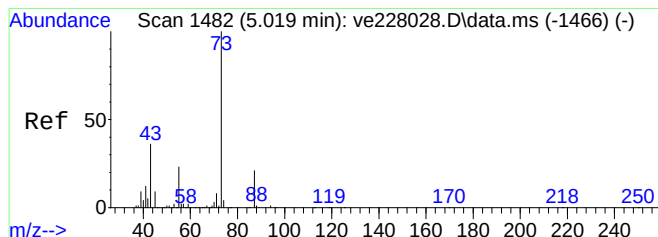
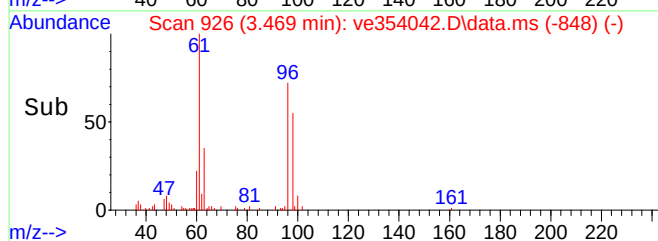
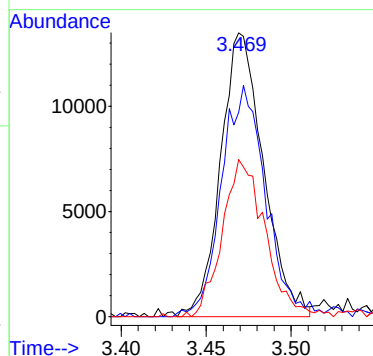
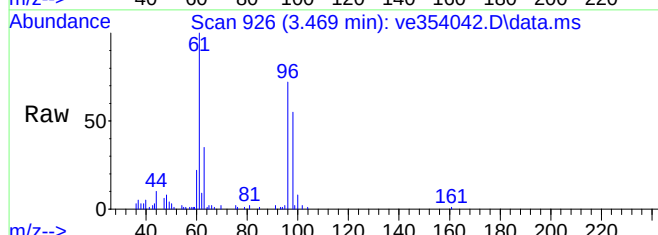
Tgt Ion: 43 Resp: 661
Ion Ratio Lower Upper
43 100
57 0.0 6.8 10.2#
72 0.0 17.8 26.8#





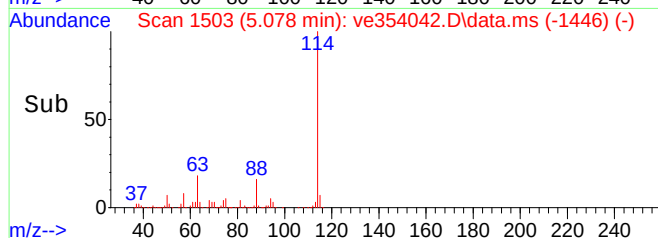
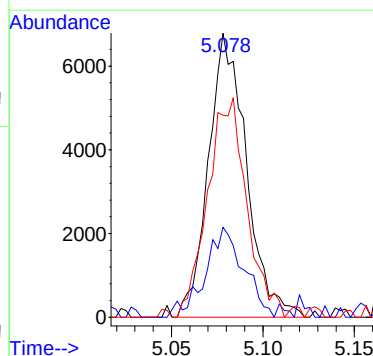
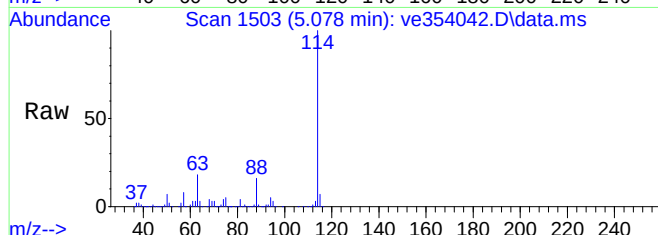
#34
CIS-1,2-DICHLOROETHENE
Concen: 3.08 UG/L
RT: 3.469 min Scan# 926
Delta R.T. 0.003 min
Lab File: ve354042.D
Acq: 20 Dec 2012 2:17 am

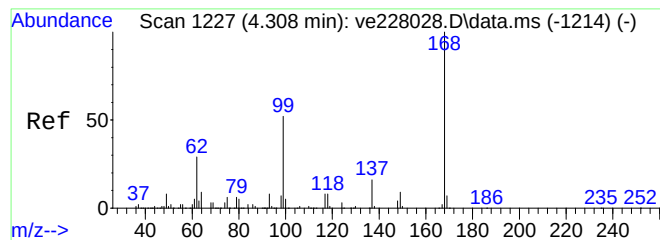
Tgt Ion: 61 Resp: 23663
Ion Ratio Lower Upper
61 100
96 84.2 55.4 83.0#
98 54.8 35.5 53.3#



#46
T-AMYLMETHYL ETHER
Concen: 0.79 UG/L
RT: 5.078 min Scan# 1503
Delta R.T. 0.064 min
Lab File: ve354042.D
Acq: 20 Dec 2012 2:17 am

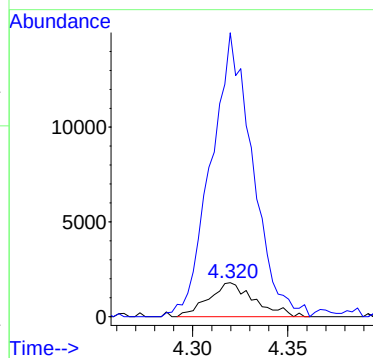
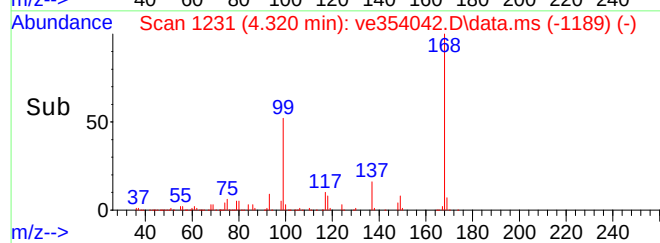
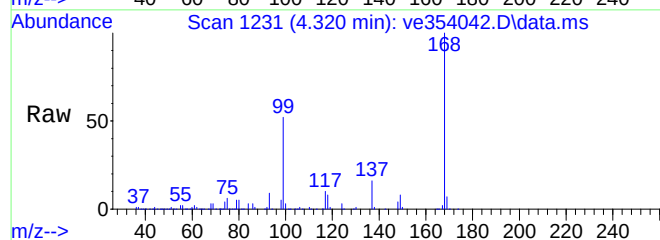
Tgt Ion: 73 Resp: 9773
Ion Ratio Lower Upper
73 100
55 32.2 23.1 34.7
87 79.6 19.1 28.7#





#49
1,2-DICHLOROETHANE
Concen: 0.37 UG/L
RT: 4.320 min Scan# 1231
Delta R.T. 0.014 min
Lab File: ve354042.D
Acq: 20 Dec 2012 2:17 am

Tgt Ion: 62 Resp: 3013
Ion Ratio Lower Upper
62 100
98 761.2 22.7 34.1#



1 - FORM I

ANALYSIS DATA SHEET

CB-2

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Ground Water Laboratory ID: 12L0458-07 File ID: ve355047.D
 Sampled: 12/13/12 11:25 Prepared: 12/20/12 08:51 Analyzed: 12/21/12 08:53
 Solids: Preparation: SW-846 5030B Dilution: 1
 Initial/Final: 5 mL / 5 mL
 Batch: B065019 Sequence: S003719 Calibration: 1200253 Instrument: GCMSVOA5

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
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	V-05
74-83-9	Bromomethane		0.38	2.0	R-05
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	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
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	L-04, 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	

1 - FORM I

ANALYSIS DATA SHEET

CB-2

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Ground Water Laboratory ID: 12L0458-07 File ID: ve355047.D
 Sampled: 12/13/12 11:25 Prepared: 12/20/12 08:51 Analyzed: 12/21/12 08:53
 Solids: Preparation: SW-846 5030B Dilution: 1
 Initial/Final: 5 mL / 5 mL
 Batch: B065019 Sequence: S003719 Calibration: 1200253 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	L-04, 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	V-05
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	100	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	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

1 - FORM I

ANALYSIS DATA SHEET

CB-2

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Ground Water Laboratory ID: 12L0458-07 File ID: ve355047.D
 Sampled: 12/13/12 11:25 Prepared: 12/20/12 08:51 Analyzed: 12/21/12 08:53
 Solids: Preparation: SW-846 5030B Dilution: 1
 Initial/Final: 5 mL / 5 mL
 Batch: B065019 Sequence: S003719 Calibration: 1200253 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	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
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	V-16
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 113)		0.11	1.0	
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	

1 - FORM I

ANALYSIS DATA SHEET

CB-2

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
Client: CDM Smith, Inc. - NY Project: Doro Cleaners
Matrix: Ground Water Laboratory ID: 12L0458-07 File ID: ve355047.D
Sampled: 12/13/12 11:25 Prepared: 12/20/12 08:51 Analyzed: 12/21/12 08:53
Solids: Preparation: SW-846 5030B Dilution: 1
Initial/Final: 5 mL / 5 mL
Batch: B065019 Sequence: S003719 Calibration: 1200253 Instrument: GCMSVOA5

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	
	No TICs Found	0.0			

Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355047.D
 Acq On : 21 Dec 2012 8:53 am
 Operator :
 Sample : 12L0458-07
 Misc : 1
 ALS Vial : 47 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 23 08:47:33 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

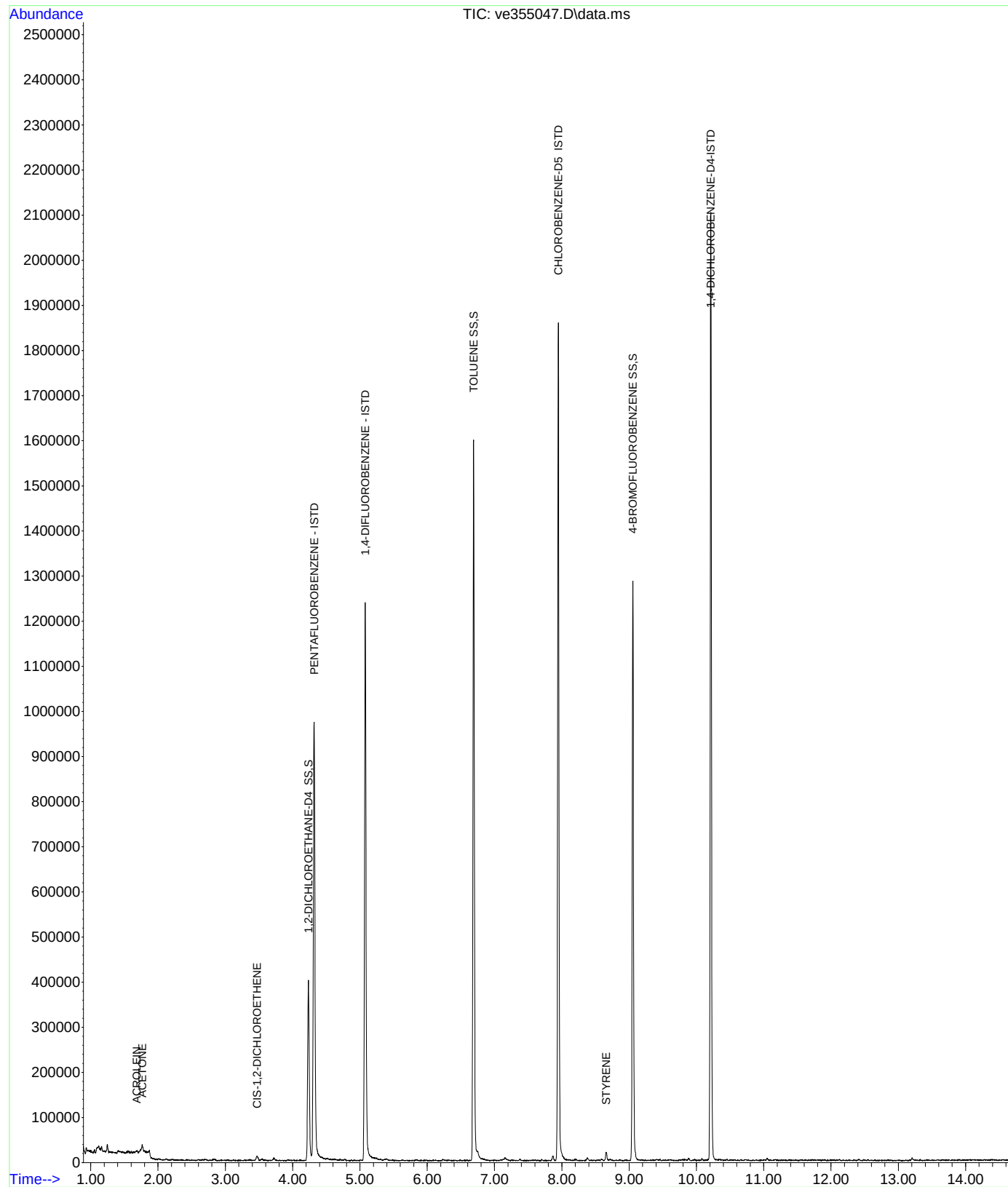
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.320	168	604913	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.078	114	890837	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	436958	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.212	152	464878	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	244110	24.29	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	97.16%	
48) TOLUENE SS	6.690	98	869614	25.04	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	100.16%	
70) 4-BROMOFLUOROBENZENE SS	9.055	95	320229	24.45	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	97.80%	
Target Compounds						
5) CHLOROMETHANE	1.035	50	530	Below Cal	#	41
13) ACROLEIN	1.682	56	962	2.30	UG/L #	74
14) ACETONE	1.765	43	16192	13.76	UG/L #	78
34) CIS-1,2-DICHLOROETHENE	3.469	61	4708	0.56	UG/L #	81
76) STYRENE	8.659	104	7138	0.38	UG/L	92

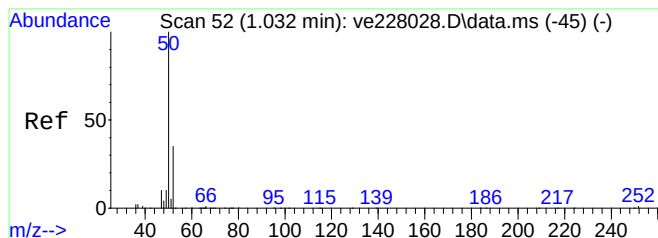
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\DATA\122012\
Data File : ve355047.D
Acq On : 21 Dec 2012 8:53 am
Operator :
Sample : 12L0458-07
Misc : 1
ALS Vial : 47 Sample Multiplier: 1

Inst : GCMSV0A5

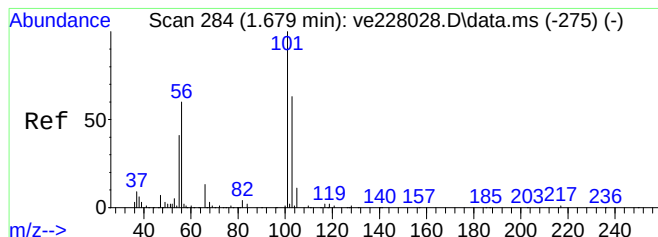
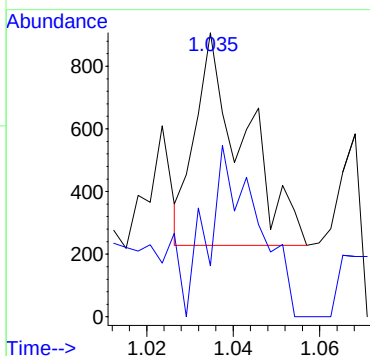
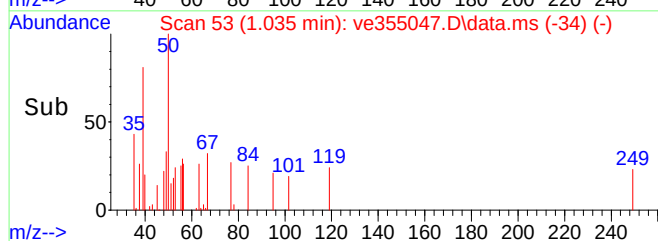
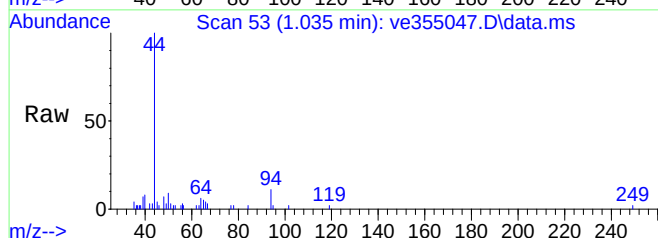
Quant Time: Dec 23 08:47:33 2012
Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Sun Nov 18 11:06:04 2012
Response via : Initial Calibration





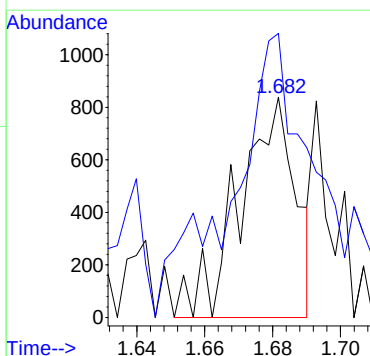
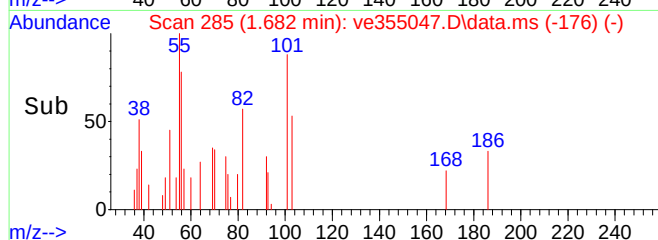
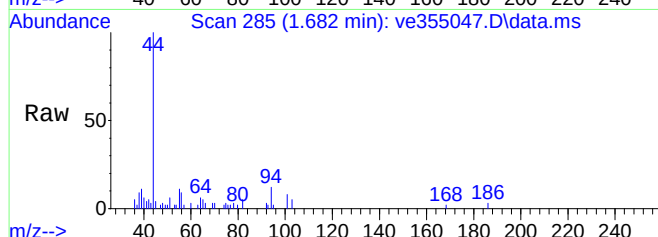
#5
 CHLOROMETHANE
 Concen: Below Cal
 RT: 1.035 min Scan# 53
 Delta R.T. -0.000 min
 Lab File: ve355047.D
 Acq: 21 Dec 2012 8:53 am

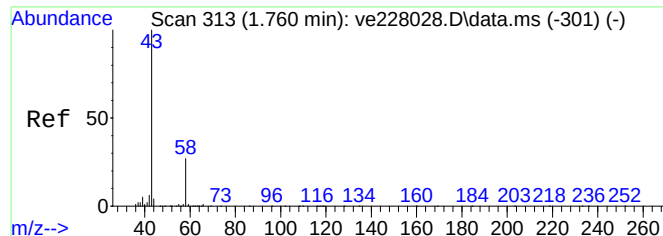
Tgt Ion: 50 Resp: 530
 Ion Ratio Lower Upper
 50 100
 52 0.0 26.6 40.0#



#13
 ACROLEIN
 Concen: 2.30 UG/L
 RT: 1.682 min Scan# 285
 Delta R.T. 0.003 min
 Lab File: ve355047.D
 Acq: 21 Dec 2012 8:53 am

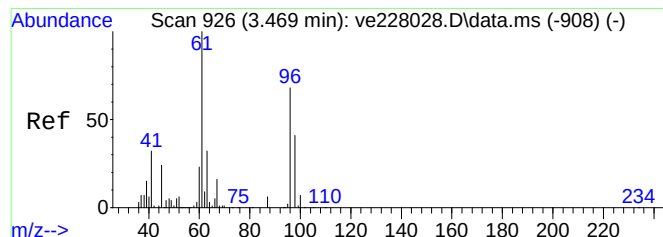
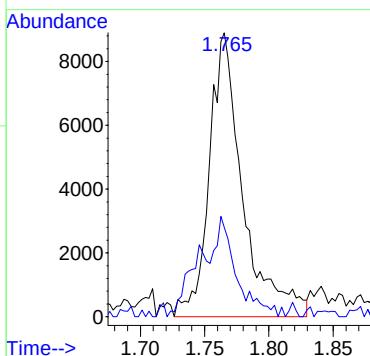
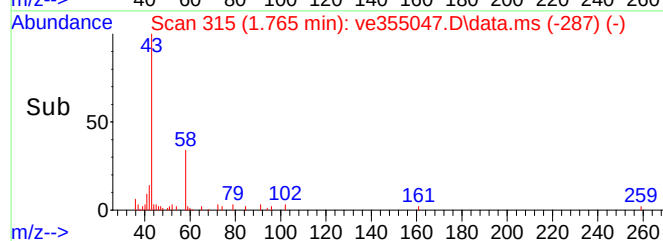
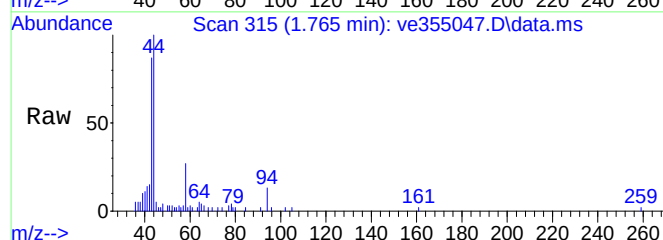
Tgt Ion: 56 Resp: 962
 Ion Ratio Lower Upper
 56 100
 55 92.6 56.8 85.2#





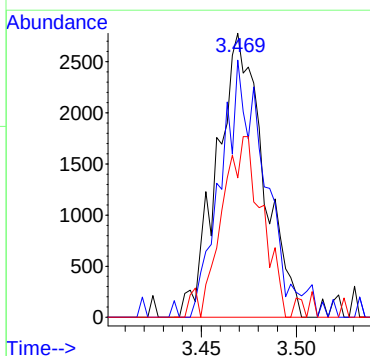
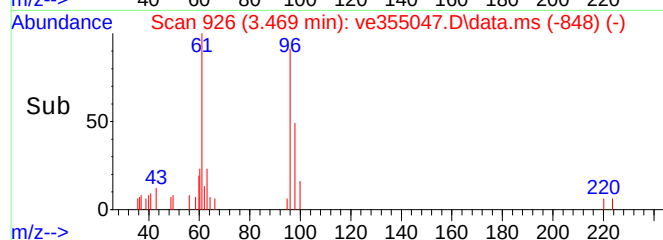
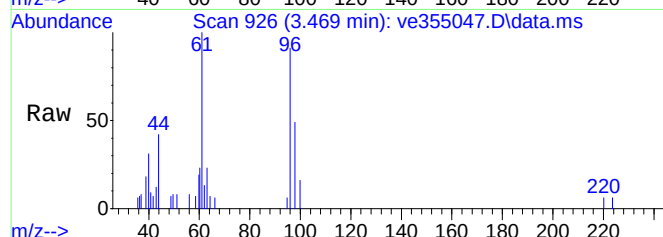
#14
ACETONE
Concen: 13.76 UG/L
RT: 1.765 min Scan# 315
Delta R.T. 0.005 min
Lab File: ve355047.D
Acq: 21 Dec 2012 8:53 am

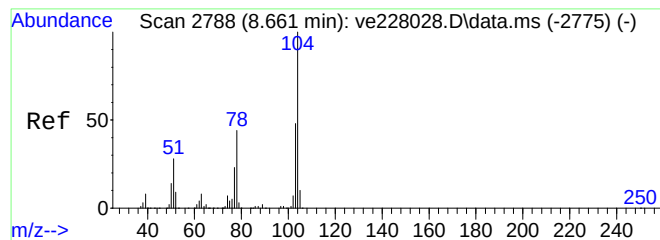
Tgt Ion: 43 Resp: 16192
Ion Ratio Lower Upper
43 100
58 22.6 28.2 42.4#



#34
CIS-1,2-DICHLOROETHENE
Concen: 0.56 UG/L
RT: 3.469 min Scan# 926
Delta R.T. 0.003 min
Lab File: ve355047.D
Acq: 21 Dec 2012 8:53 am

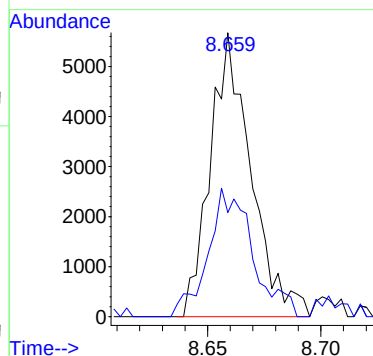
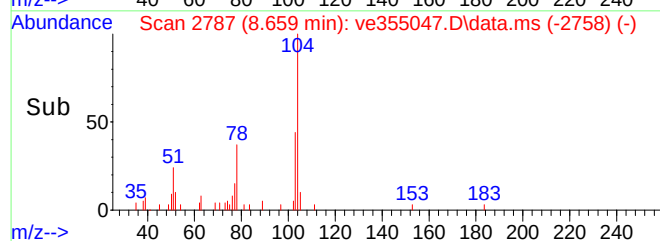
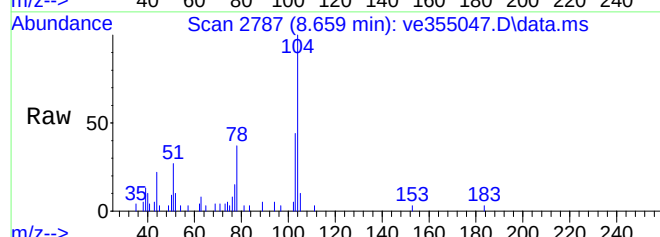
Tgt Ion: 61 Resp: 4708
Ion Ratio Lower Upper
61 100
96 87.0 55.4 83.0#
98 54.0 35.5 53.3#





#76
STYRENE
Concen: 0.38 UG/L
RT: 8.659 min Scan# 2787
Delta R.T. 0.006 min
Lab File: ve355047.D
Acq: 21 Dec 2012 8:53 am

Tgt Ion:104 Resp: 7138
Ion Ratio Lower Upper
104 100
78 45.6 32.4 48.6



Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355047.D
 Acq On : 21 Dec 2012 8:53 am
 Operator :
 Sample : 12L0458-07
 Misc : 1
 ALS Vial : 47 Sample Multiplier: 1

Integration Parameters: 8260B.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 500 Area counts
 Max Peaks: 9
 Peak Location: TOP

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

Method : C:\msdchem\1\METHODS\E111712W.m
 Title : 8260 WATER 5MLS VOAMS 5973 #5

Signal : TIC: ve355047.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.469	915	926	937	rBV6	10428	18873	0.70%	0.142%
2	4.233	1187	1200	1216	rBV	399813	660371	24.58%	4.957%
3	4.320	1217	1231	1265	rVB	967216	1654937	61.60%	12.423%
4	5.078	1488	1503	1532	rBV	1236956	1943095	72.33%	14.587%
5	6.690	2067	2081	2098	rBV	1597058	2211454	82.32%	16.601%
6	7.948	2518	2532	2562	rBV	1857309	2472280	92.03%	18.559%
7	8.659	2775	2787	2797	rBV4	19125	30193	1.12%	0.227%
8	9.055	2916	2929	2953	rBV	1284248	1643366	61.17%	12.337%
9	10.215	3332	3345	3370	rVB	2101486	2686493	100.00%	20.167%

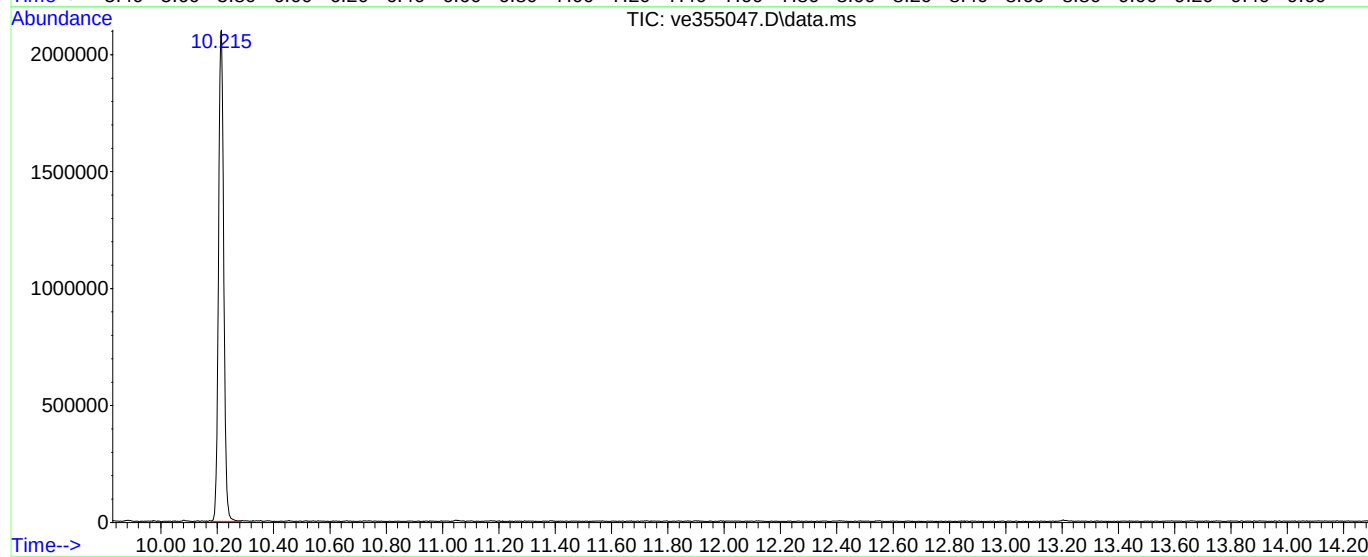
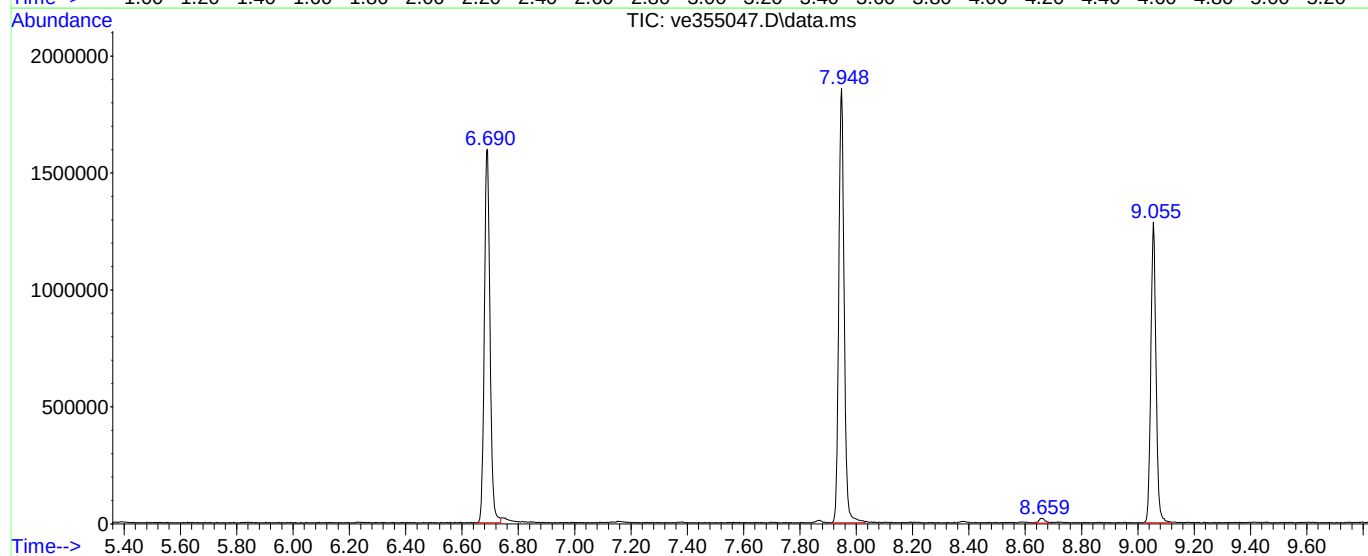
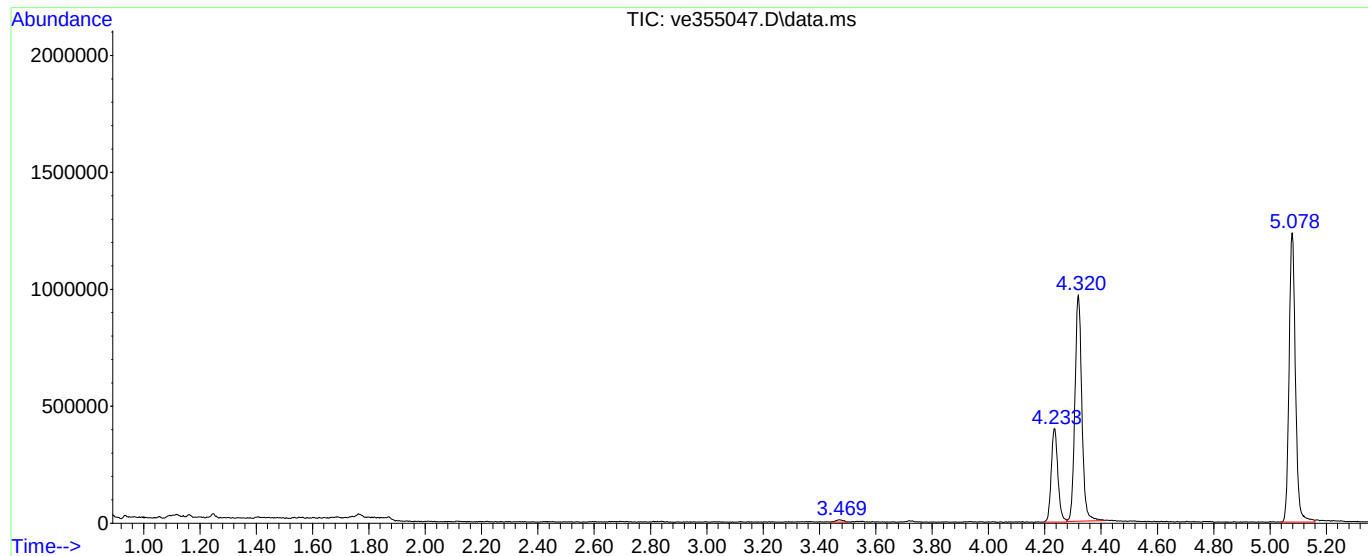
Sum of corrected areas: 13321062

Data Path : C:\msdchem\1\DATA\122012\
Data File : ve355047.D
Acq On : 21 Dec 2012 8:53 am
Operator :
Sample : 12L0458-07
Misc : 1
ALS Vial : 47 Sample Multiplier: 1

222

Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5

TIC Library : C:\Database\NIST08.L
TIC Integration Parameters: 8260B.P



Data Path : C:\msdchem\1\DATA\122012\
Data File : ve355047.D
Acq On : 21 Dec 2012 8:53 am
Operator :
Sample : 12L0458-07
Misc : 1
ALS Vial : 47 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5

TIC Library : C:\Database\NIST08.L
TIC Integration Parameters: 8260B.P

No Library Search Compounds Detected

Data Path : C:\msdchem\1\DATA\122012\
Data File : ve355047.D
Acq On : 21 Dec 2012 8:53 am
Operator :
Sample : 12L0458-07
Misc : 1
ALS Vial : 47 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5

TIC Library : C:\Database\NIST08.L
TIC Integration Parameters: 8260B.P

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

1 - FORM I

ANALYSIS DATA SHEET

CB-1

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Ground Water Laboratory ID: 12L0458-08 File ID: ve355048.D
 Sampled: 12/13/12 11:05 Prepared: 12/20/12 08:51 Analyzed: 12/21/12 09:19
 Solids: Preparation: SW-846 5030B Dilution: 1
 Initial/Final: 5 mL / 5 mL
 Batch: B065019 Sequence: S003719 Calibration: 1200253 Instrument: GCMSVOA5

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
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	V-05
74-83-9	Bromomethane		0.38	2.0	R-05
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	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
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, L-04
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	

1 - FORM I

ANALYSIS DATA SHEET

CB-1

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Ground Water Laboratory ID: 12L0458-08 File ID: ve355048.D
 Sampled: 12/13/12 11:05 Prepared: 12/20/12 08:51 Analyzed: 12/21/12 09:19
 Solids: Preparation: SW-846 5030B Dilution: 1
 Initial/Final: 5 mL / 5 mL
 Batch: B065019 Sequence: S003719 Calibration: 1200253 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	L-04, 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	11	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	V-05
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	100	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	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

1 - FORM I

ANALYSIS DATA SHEET

CB-1

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Ground Water Laboratory ID: 12L0458-08 File ID: ve355048.D
 Sampled: 12/13/12 11:05 Prepared: 12/20/12 08:51 Analyzed: 12/21/12 09:19
 Solids: Preparation: SW-846 5030B Dilution: 1
 Initial/Final: 5 mL / 5 mL
 Batch: B065019 Sequence: S003719 Calibration: 1200253 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	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
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	1.4	0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	V-16
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 113)		0.11	1.0	
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	

1 - FORM I

ANALYSIS DATA SHEET

CB-1

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
Client: CDM Smith, Inc. - NY Project: Doro Cleaners
Matrix: Ground Water Laboratory ID: 12L0458-08 File ID: ve355048.D
Sampled: 12/13/12 11:05 Prepared: 12/20/12 08:51 Analyzed: 12/21/12 09:19
Solids: Preparation: SW-846 5030B Dilution: 1
Initial/Final: 5 mL / 5 mL
Batch: B065019 Sequence: S003719 Calibration: 1200253 Instrument: GCMSVOA5

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	
	No TICs Found	0.0			

Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355048.D
 Acq On : 21 Dec 2012 9:19 am
 Operator :
 Sample : 12L0458-08
 Misc : 1
 ALS Vial : 48 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 23 08:48:05 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

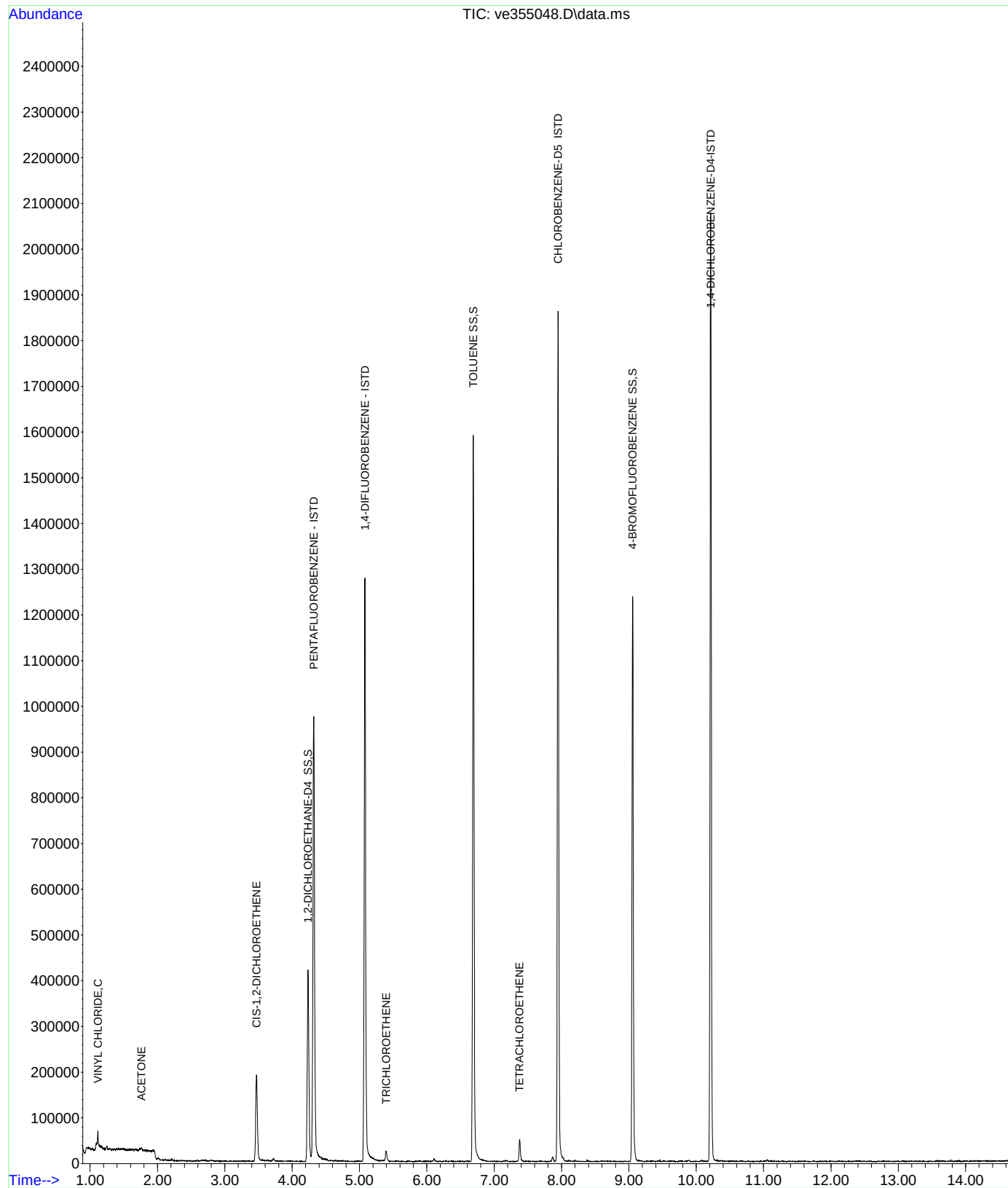
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.322	168	604015	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.081	114	897763	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	440077	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	472573	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	254021	25.31	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	101.24%	
48) TOLUENE SS	6.690	98	877488	25.08	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	100.32%	
70) 4-BROMOFLUOROBENZENE SS	9.055	95	324402	24.60	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	98.40%	
Target Compounds						
5) CHLOROMETHANE	1.035	50	935	Below Cal	#	41
6) VINYL CHLORIDE	1.115	62	13524	1.66	UG/L	97
14) ACETONE	1.760	43	3526	3.00	UG/L	# 87
34) CIS-1,2-DICHLOROETHENE	3.469	61	93463	11.05	UG/L	# 82
51) TRICHLOROETHENE	5.396	95	5539	0.81	UG/L	97
65) TETRACHLOROETHENE	7.376	166	10621	1.45	UG/L	90

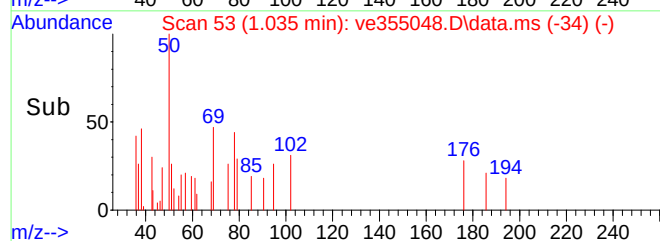
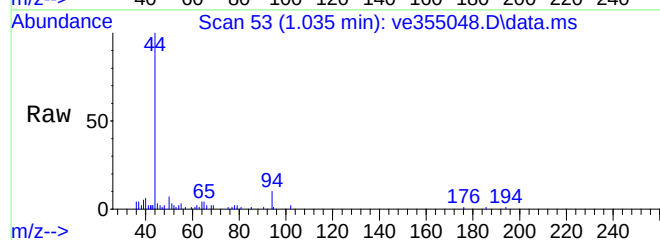
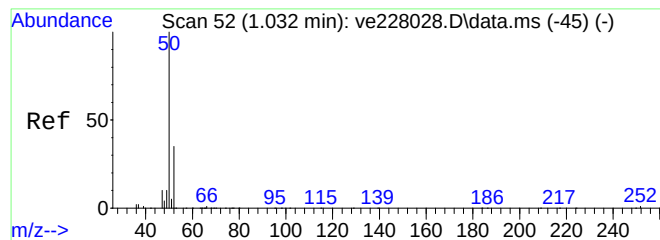
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\DATA\122012\
Data File : ve355048.D
Acq On : 21 Dec 2012 9:19 am
Operator :
Sample : 12L0458-08
Misc : 1
ALS Vial : 48 Sample Multiplier: 1

Inst : GCMSV0A5

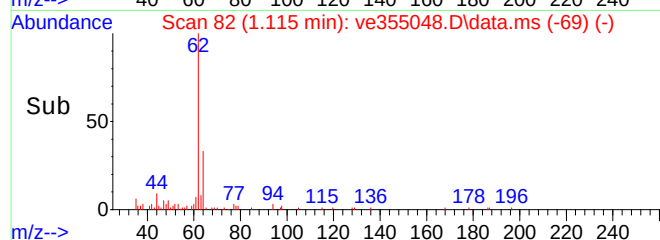
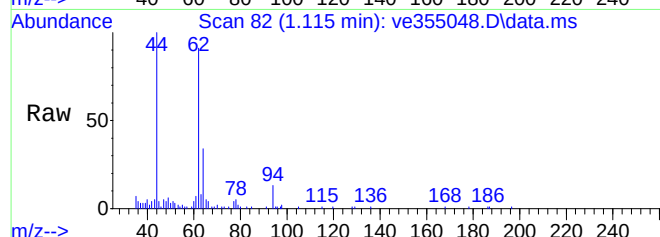
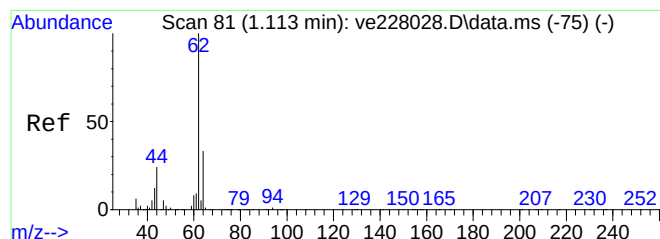
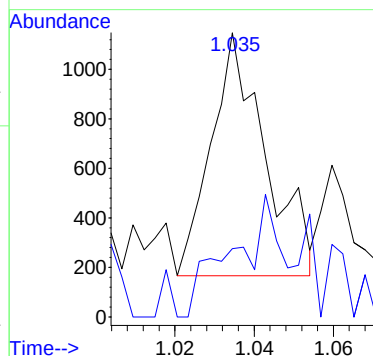
Quant Time: Dec 23 08:48:05 2012
Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Sun Nov 18 11:06:04 2012
Response via : Initial Calibration





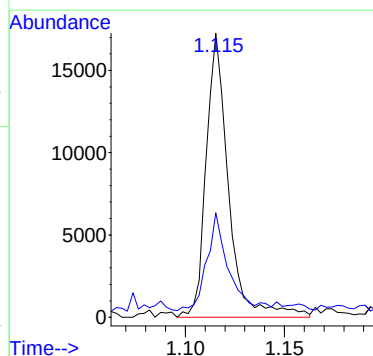
#5
CHLOROMETHANE
Concen: Below Cal
RT: 1.035 min Scan# 53
Delta R.T. -0.000 min
Lab File: ve355048.D
Acq: 21 Dec 2012 9:19 am

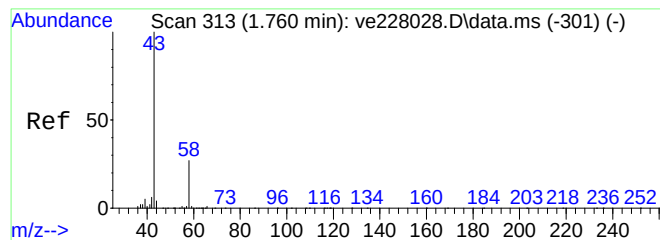
Tgt Ion: 50 Resp: 935
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#



#6
VINYL CHLORIDE
Concen: 1.66 UG/L
RT: 1.115 min Scan# 82
Delta R.T. 0.000 min
Lab File: ve355048.D
Acq: 21 Dec 2012 9:19 am

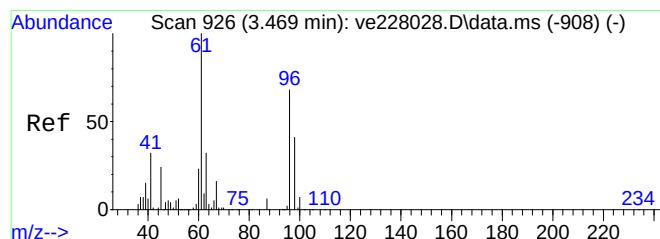
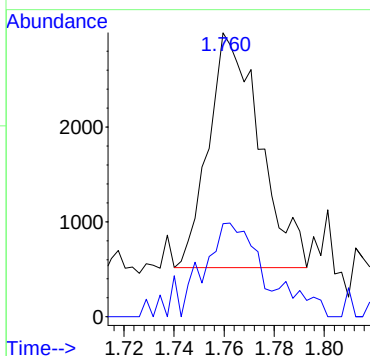
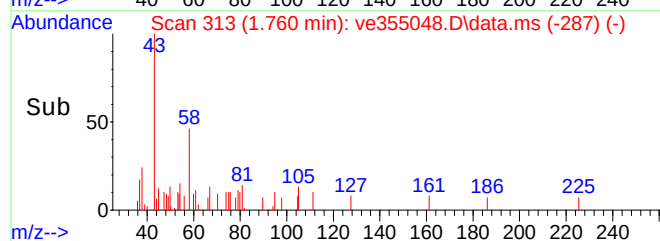
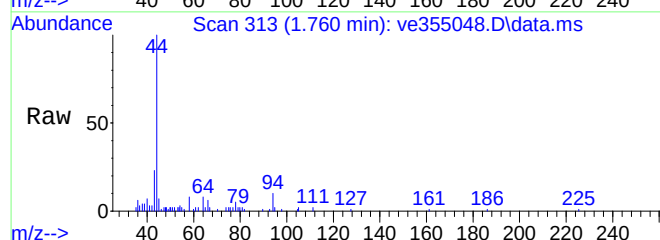
Tgt Ion: 62 Resp: 13524
Ion Ratio Lower Upper
62 100
64 31.8 24.0 36.0





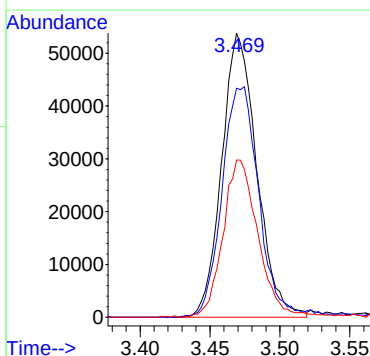
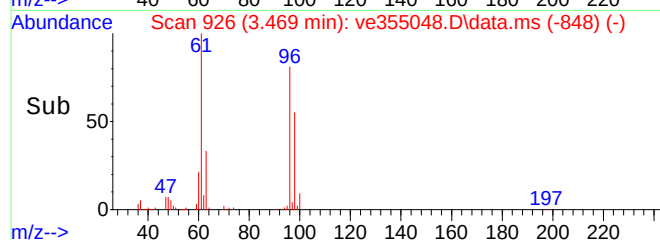
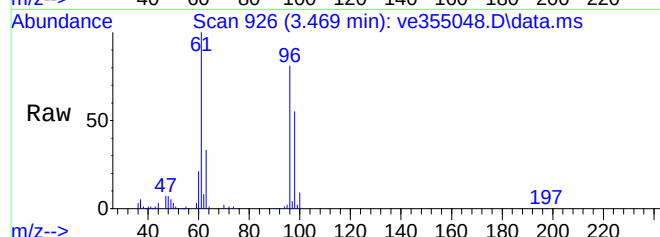
#14
 ACETONE
 Concen: 3.00 UG/L
 RT: 1.760 min Scan# 313
 Delta R.T. -0.000 min
 Lab File: ve355048.D
 Acq: 21 Dec 2012 9:19 am

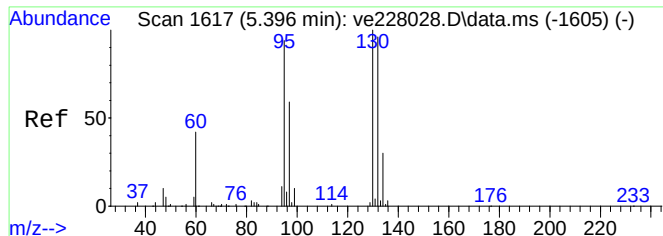
Tgt Ion: 43 Resp: 3526
 Ion Ratio Lower Upper
 43 100
 58 42.8 28.2 42.4#



#34
 CIS-1,2-DICHLOROETHENE
 Concen: 11.05 UG/L
 RT: 3.469 min Scan# 926
 Delta R.T. 0.003 min
 Lab File: ve355048.D
 Acq: 21 Dec 2012 9:19 am

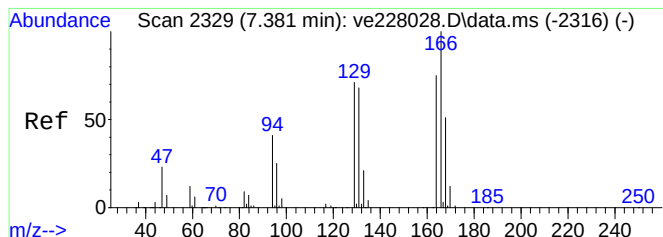
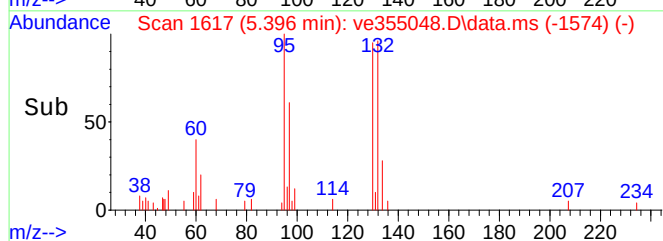
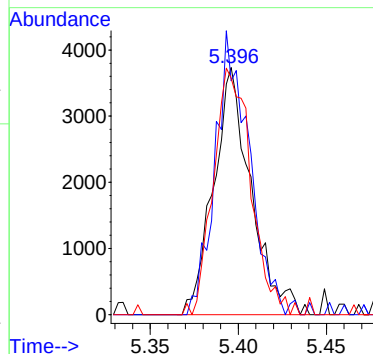
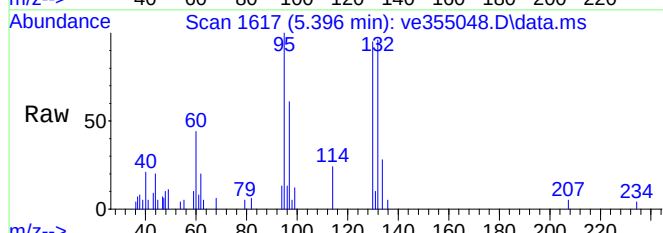
Tgt Ion: 61 Resp: 93463
 Ion Ratio Lower Upper
 61 100
 96 84.4 55.4 83.0#
 98 55.5 35.5 53.3#





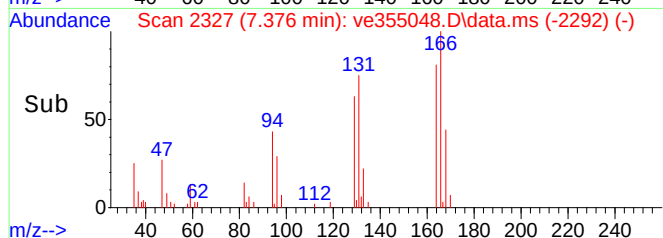
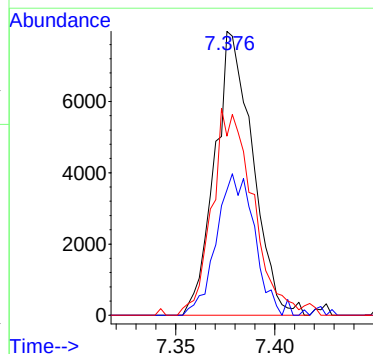
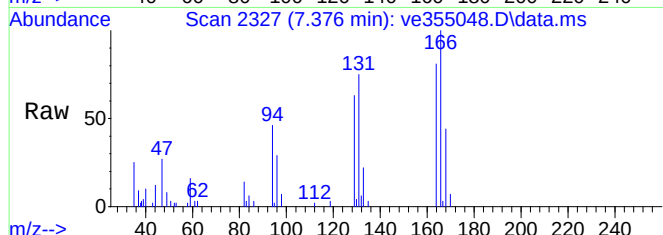
#51
 TRICHLOROETHENE
 Concen: 0.81 UG/L
 RT: 5.396 min Scan# 1617
 Delta R.T. 0.006 min
 Lab File: ve355048.D
 Acq: 21 Dec 2012 9:19 am

Tgt Ion: 95 Resp: 5539
 Ion Ratio Lower Upper
 95 100
 130 103.3 81.5 122.3
 132 99.9 83.5 125.3



#65
 TETRACHLOROETHENE
 Concen: 1.45 UG/L
 RT: 7.376 min Scan# 2327
 Delta R.T. 0.003 min
 Lab File: ve355048.D
 Acq: 21 Dec 2012 9:19 am

Tgt Ion: 166 Resp: 10621
 Ion Ratio Lower Upper
 166 100
 168 49.5 37.5 56.3
 129 77.6 53.3 79.9



Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355048.D
 Acq On : 21 Dec 2012 9:19 am
 Operator :
 Sample : 12L0458-08
 Misc : 1
 ALS Vial : 48 Sample Multiplier: 1

Integration Parameters: 8260B.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 500 Area counts
 Max Peaks: 9
 Peak Location: TOP

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

Method : C:\msdchem\1\METHODS\E111712W.m
 Title : 8260 WATER 5MLS VOAMS 5973 #5

Signal : TIC: ve355048.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.469	912	926	950	rVV2	188999	341169	12.53%	2.467%
2	4.236	1188	1201	1217	rBV	419609	692073	25.43%	5.004%
3	4.322	1218	1232	1260	rVB	965379	1640719	60.28%	11.863%
4	5.081	1489	1504	1528	rBV	1276168	1952705	71.74%	14.119%
5	6.690	2065	2081	2120	rBV	1589138	2254444	82.82%	16.300%
6	7.379	2317	2328	2351	rVB3	48558	75529	2.77%	0.546%
7	7.948	2515	2532	2570	rVV	1860190	2490850	91.51%	18.009%
8	9.055	2915	2929	2957	rBV2	1236490	1661273	61.03%	12.011%
9	10.215	3332	3345	3365	rBV	2075017	2722001	100.00%	19.681%

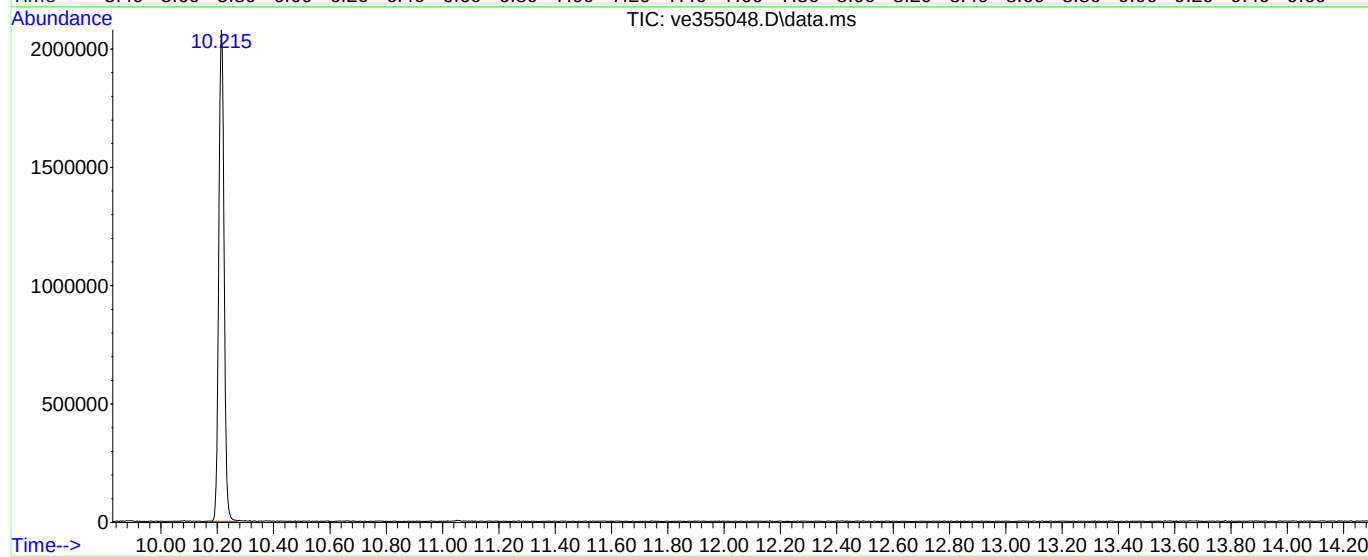
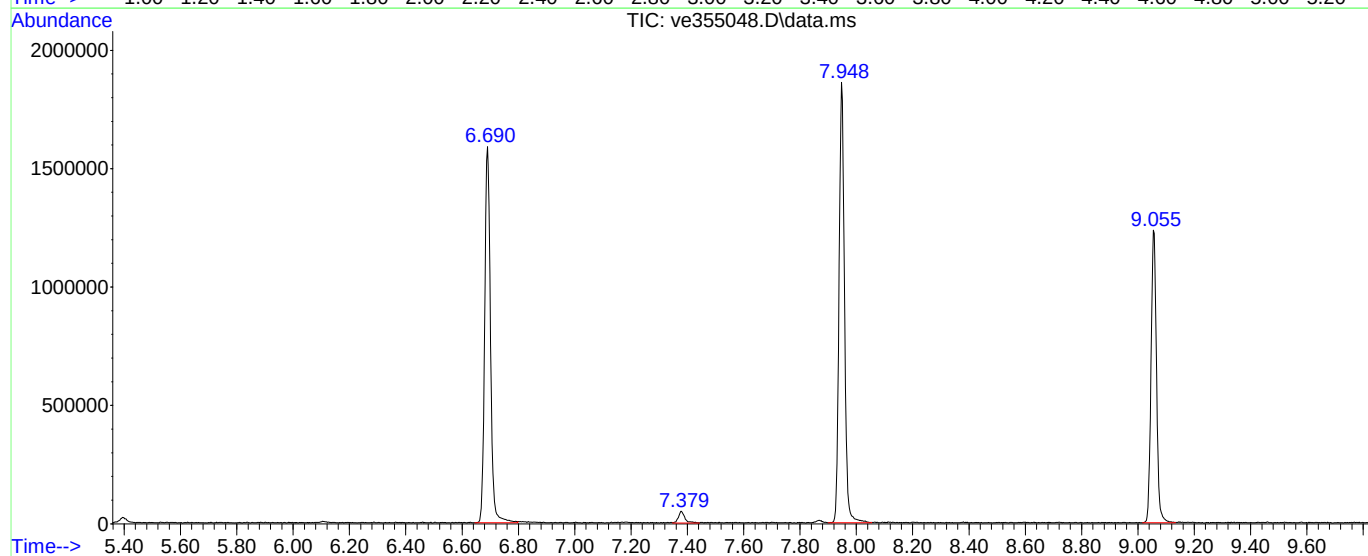
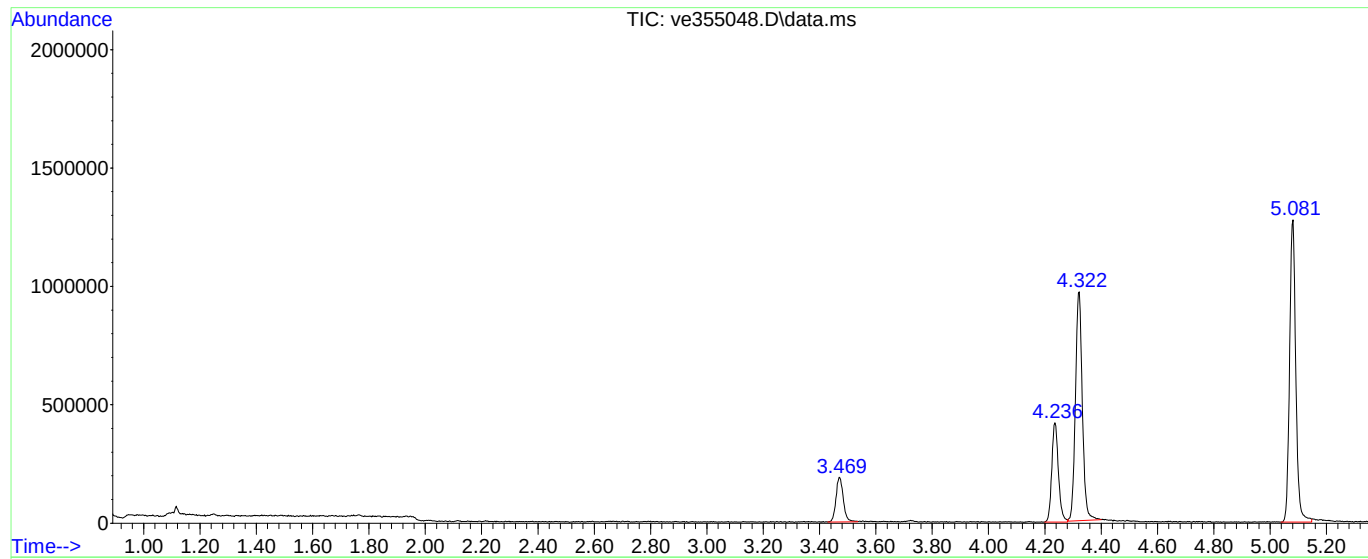
Sum of corrected areas: 13830763

Data Path : C:\msdchem\1\DATA\122012\
Data File : ve355048.D
Acq On : 21 Dec 2012 9:19 am
Operator :
Sample : 12L0458-08
Misc : 1
ALS Vial : 48 Sample Multiplier: 1

235

Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5

TIC Library : C:\Database\NIST08.L
TIC Integration Parameters: 8260B.P



Data Path : C:\msdchem\1\DATA\122012\
Data File : ve355048.D
Acq On : 21 Dec 2012 9:19 am
Operator :
Sample : 12L0458-08
Misc : 1
ALS Vial : 48 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5

TIC Library : C:\Database\NIST08.L
TIC Integration Parameters: 8260B.P

No Library Search Compounds Detected

Data Path : C:\msdchem\1\DATA\122012\
Data File : ve355048.D
Acq On : 21 Dec 2012 9:19 am
Operator :
Sample : 12L0458-08
Misc : 1
ALS Vial : 48 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5

TIC Library : C:\Database\NIST08.L
TIC Integration Parameters: 8260B.P

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

1 - FORM I

ANALYSIS DATA SHEET

B-14

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Ground Water Laboratory ID: 12L0458-09 File ID: ve355049.D
 Sampled: 12/13/12 08:40 Prepared: 12/20/12 08:51 Analyzed: 12/21/12 09:45
 Solids: Preparation: SW-846 5030B Dilution: 2
 Initial/Final: 5 mL / 5 mL
 Batch: B065019 Sequence: S003719 Calibration: 1200253 Instrument: GCMSVOA5

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		1.1	100	
107-13-1	Acrylonitrile		1.0	10	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.22	1.0	
71-43-2	Benzene		0.10	2.0	
108-86-1	Bromobenzene		0.20	2.0	
74-97-5	Bromochloromethane		0.20	2.0	
75-27-4	Bromodichloromethane		0.16	1.0	
75-25-2	Bromoform		0.50	2.0	V-05
74-83-9	Bromomethane		0.76	4.0	R-05
78-93-3	2-Butanone (MEK)		0.82	40	
75-65-0	tert-Butyl Alcohol (TBA)		7.0	40	V-16
104-51-8	n-Butylbenzene		0.10	2.0	
135-98-8	sec-Butylbenzene		0.10	2.0	
98-06-6	tert-Butylbenzene		0.10	2.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.14	1.0	
75-15-0	Carbon Disulfide		0.10	8.0	
56-23-5	Carbon Tetrachloride		0.18	10	
108-90-7	Chlorobenzene		0.10	2.0	
124-48-1	Chlorodibromomethane		0.24	1.0	
75-00-3	Chloroethane		0.66	4.0	
67-66-3	Chloroform		0.080	4.0	
74-87-3	Chloromethane		0.26	4.0	L-04, V-05
95-49-8	2-Chlorotoluene		0.10	2.0	
106-43-4	4-Chlorotoluene		0.10	2.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.96	10	

1 - FORM I

ANALYSIS DATA SHEET

B-14

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Ground Water Laboratory ID: 12L0458-09 File ID: ve355049.D
 Sampled: 12/13/12 08:40 Prepared: 12/20/12 08:51 Analyzed: 12/21/12 09:45
 Solids: Preparation: SW-846 5030B Dilution: 2
 Initial/Final: 5 mL / 5 mL
 Batch: B065019 Sequence: S003719 Calibration: 1200253 Instrument: GCMSVOA5

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.28	1.0	
74-95-3	Dibromomethane		0.16	2.0	
95-50-1	1,2-Dichlorobenzene		0.12	2.0	
541-73-1	1,3-Dichlorobenzene		0.12	2.0	
106-46-7	1,4-Dichlorobenzene		0.22	2.0	
110-57-6	trans-1,4-Dichloro-2-butene		1.5	4.0	L-04, V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.080	4.0	
75-34-3	1,1-Dichloroethane		0.18	2.0	
107-06-2	1,2-Dichloroethane		0.18	2.0	
75-35-4	1,1-Dichloroethylene		0.20	2.0	
156-59-2	cis-1,2-Dichloroethylene	360	0.10	2.0	
156-60-5	trans-1,2-Dichloroethylene	2.1	0.14	2.0	
78-87-5	1,2-Dichloropropane		0.40	2.0	
142-28-9	1,3-Dichloropropane		0.16	1.0	
594-20-7	2,2-Dichloropropane		0.26	2.0	
563-58-6	1,1-Dichloropropene		0.20	4.0	
10061-01-5	cis-1,3-Dichloropropene		0.14	1.0	
10061-02-6	trans-1,3-Dichloropropene		0.24	1.0	V-05
60-29-7	Diethyl Ether		0.20	4.0	
108-20-3	Diisopropyl Ether (DIPE)		0.060	1.0	
123-91-1	1,4-Dioxane		7.0	200	V-16
100-41-4	Ethylbenzene		0.10	2.0	
87-68-3	Hexachlorobutadiene		0.52	1.0	
591-78-6	2-Hexanone (MBK)		1.3	20	
98-82-8	Isopropylbenzene (Cumene)		0.12	2.0	

1 - FORM I

ANALYSIS DATA SHEET

B-14

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Ground Water Laboratory ID: 12L0458-09 File ID: ve355049.D
 Sampled: 12/13/12 08:40 Prepared: 12/20/12 08:51 Analyzed: 12/21/12 09:45
 Solids: Preparation: SW-846 5030B Dilution: 2
 Initial/Final: 5 mL / 5 mL
 Batch: B065019 Sequence: S003719 Calibration: 1200253 Instrument: GCMSVOA5

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.12	2.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.10	2.0	
75-09-2	Methylene Chloride		4.5	10	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.44	20	
91-20-3	Naphthalene		0.42	4.0	
103-65-1	n-Propylbenzene		0.080	2.0	
100-42-5	Styrene		0.12	2.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.16	2.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.36	1.0	
127-18-4	Tetrachloroethylene		0.28	2.0	
109-99-9	Tetrahydrofuran		2.0	20	V-16
108-88-3	Toluene		0.080	2.0	
87-61-6	1,2,3-Trichlorobenzene		0.44	10	
120-82-1	1,2,4-Trichlorobenzene		0.22	2.0	
108-70-3	1,3,5-Trichlorobenzene		0.80	2.0	
71-55-6	1,1,1-Trichloroethane		0.10	2.0	
79-00-5	1,1,2-Trichloroethane		0.16	2.0	
79-01-6	Trichloroethylene	2.2	0.24	2.0	
75-69-4	Trichlorofluoromethane (Freon 11)		0.14	4.0	
96-18-4	1,2,3-Trichloropropane		0.42	4.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		0.22	2.0	
95-63-6	1,2,4-Trimethylbenzene		0.12	2.0	
108-67-8	1,3,5-Trimethylbenzene		0.12	2.0	
108383/106423	m+p Xylene		0.14	4.0	
95-47-6	o-Xylene		0.10	2.0	

1 - FORM I

ANALYSIS DATA SHEET

B-14

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458				
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners				
Matrix:	Ground Water	Laboratory ID:	12L0458-09	File ID:	ve355049.D		
Sampled:	12/13/12 08:40	Prepared:	12/20/12 08:51	Analyzed:	12/21/12 09:45		
Solids:		Preparation:	SW-846 5030B	Dilution:	2		
Initial/Final:	5 mL / 5 mL						
Batch:	B065019	Sequence:		Calibration:		Instrument:	GCMSVOA5

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
	No TICs Found	0.0			

Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355049.D
 Acq On : 21 Dec 2012 9:45 am
 Operator :
 Sample : 12L0458-09 @ 2X
 Misc : 2
 ALS Vial : 49 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 23 08:48:51 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

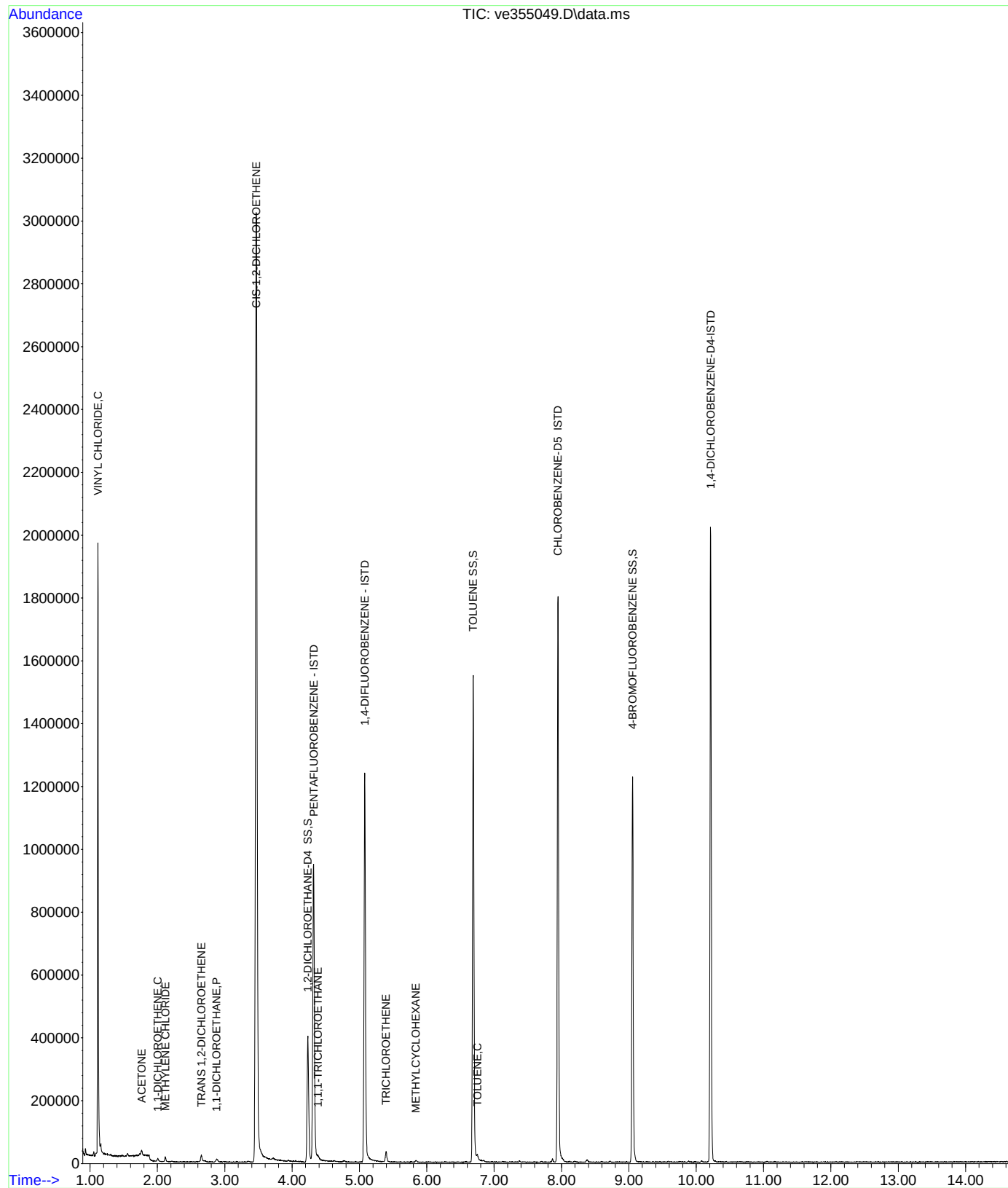
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.320	168	591710	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.078	114	872990	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.945	82	432627	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	454920	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.230	65	238334	24.24	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	96.96%	
48) TOLUENE SS	6.687	98	848286	24.93	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	99.72%	
70) 4-BROMOFLUOROBENZENE SS	9.055	95	314566	24.26	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	97.04%	
Target Compounds						
5) CHLOROMETHANE	1.032	50	719	Below Cal	#	12
6) VINYL CHLORIDE	1.116	62	916626	114.75	UG/L	95
14) ACETONE	1.765	43	12467	10.83	UG/L #	79
15) 1,1-DICHLOROETHENE	2.002	61	3013	0.34	UG/L	96
22) METHYLENE CHLORIDE	2.119	49	4944	0.71	UG/L #	65
25) TRANS 1,2-DICHLOROETHENE	2.652	61	8386	1.07	UG/L #	88
26) 1,1-DICHLOROETHANE	2.875	63	7605	0.78	UG/L #	89
34) CIS-1,2-DICHLOROETHENE	3.466	61	1476955	178.23	UG/L #	81
41) 1,1,1-TRICHLOROETHANE	4.381	97	3659m	0.38	UG/L	
51) TRICHLOROETHENE	5.391	95	7519	1.12	UG/L	98
52) METHYLCYCLOHEXANE	5.837	83	1860	0.21	UG/L #	37
60) TOLUENE	6.751	91	6013	0.23	UG/L	89

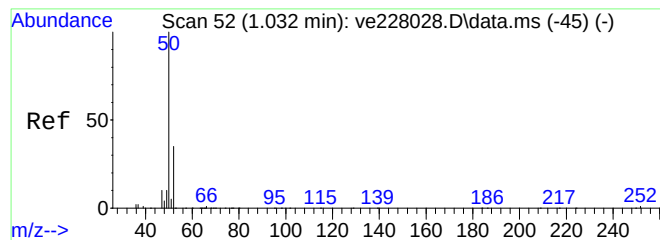
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\DATA\122012\
Data File : ve355049.D
Acq On : 21 Dec 2012 9:45 am
Operator :
Sample : 12L0458-09 @ 2X
Misc : 2
ALS Vial : 49 Sample Multiplier: 1

Inst : GCMSV0A5

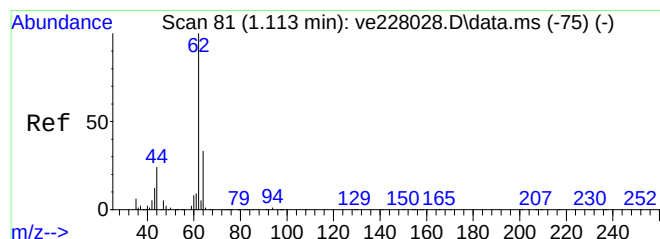
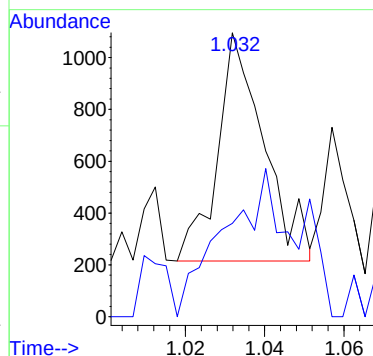
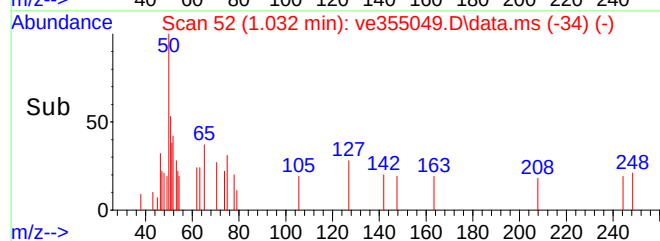
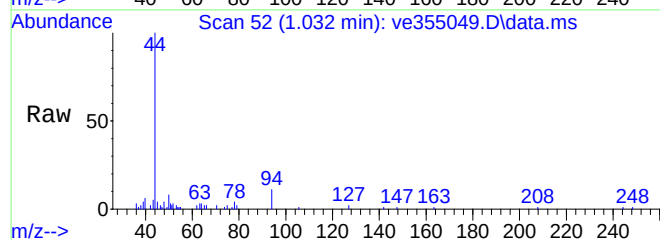
Quant Time: Dec 23 08:48:51 2012
Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Sun Nov 18 11:06:04 2012
Response via : Initial Calibration





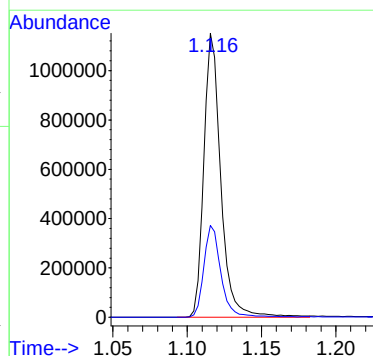
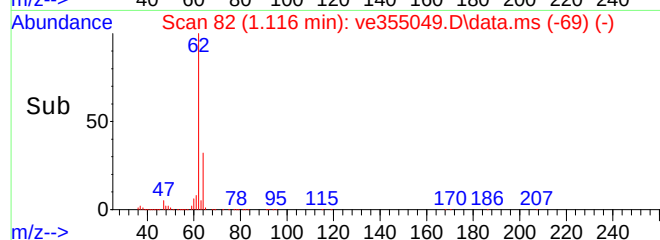
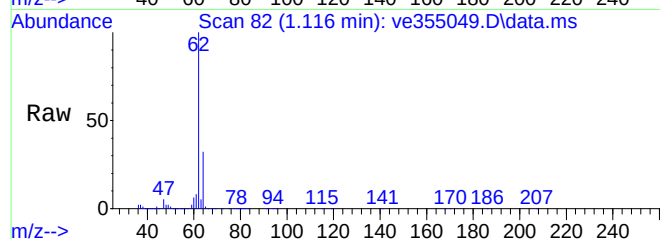
#5
CHLOROMETHANE
Concen: Below Cal
RT: 1.032 min Scan# 52
Delta R.T. -0.003 min
Lab File: ve355049.D
Acq: 21 Dec 2012 9:45 am

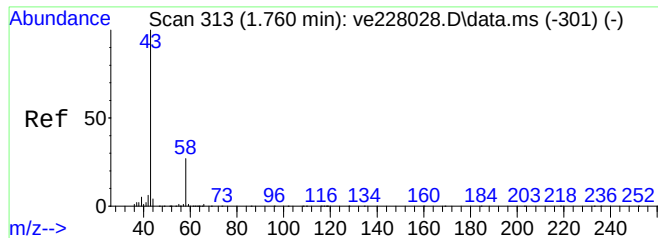
Tgt Ion: 50 Resp: 719
Ion Ratio Lower Upper
50 100
52 83.2 26.6 40.0#



#6
VINYL CHLORIDE
Concen: 114.75 UG/L
RT: 1.116 min Scan# 82
Delta R.T. 0.001 min
Lab File: ve355049.D
Acq: 21 Dec 2012 9:45 am

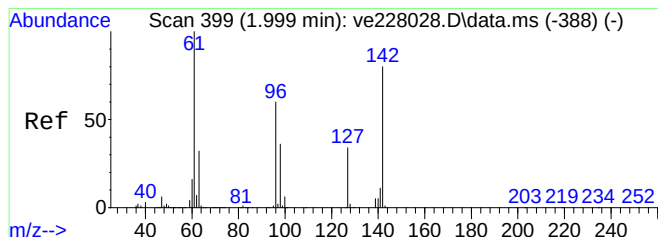
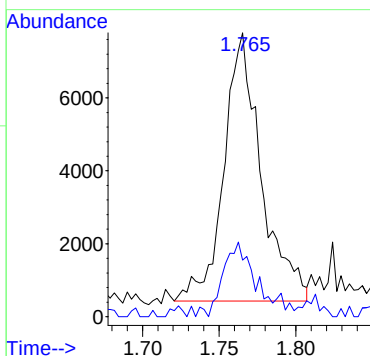
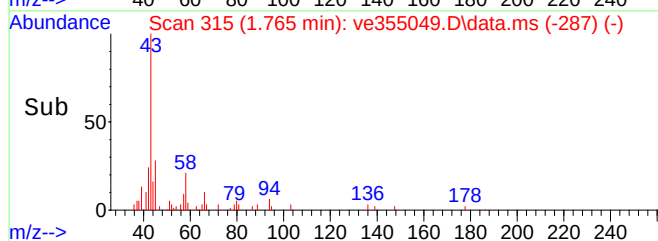
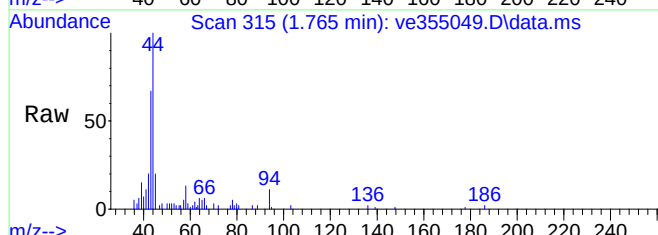
Tgt Ion: 62 Resp: 916626
Ion Ratio Lower Upper
62 100
64 32.6 24.0 36.0





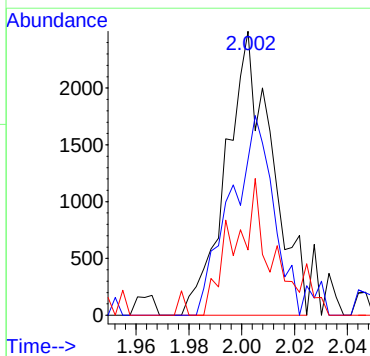
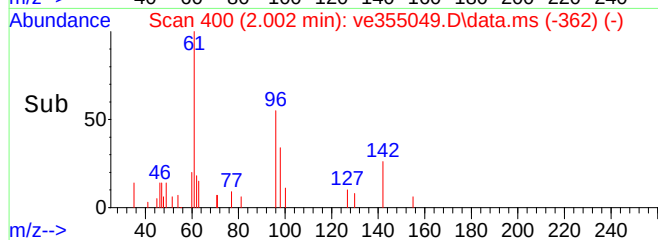
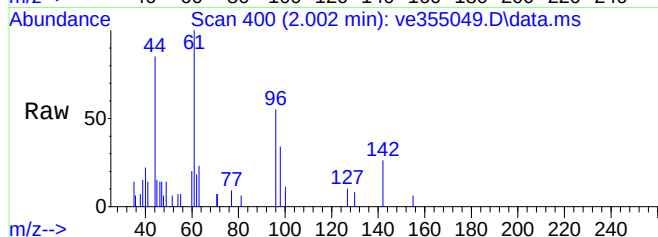
#14
 ACETONE
 Concen: 10.83 UG/L
 RT: 1.765 min Scan# 315
 Delta R.T. 0.005 min
 Lab File: ve355049.D
 Acq: 21 Dec 2012 9:45 am

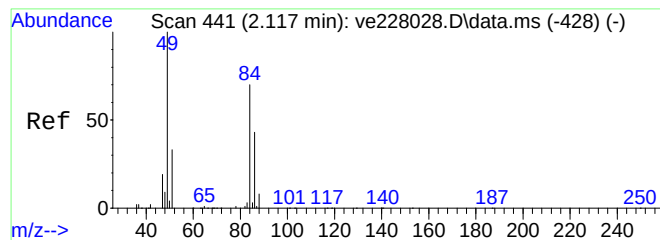
Tgt Ion: 43 Resp: 12467
 Ion Ratio Lower Upper
 43 100
 58 23.0 28.2 42.4#



#15
 1,1-DICHLOROETHENE
 Concen: 0.34 UG/L
 RT: 2.002 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: ve355049.D
 Acq: 21 Dec 2012 9:45 am

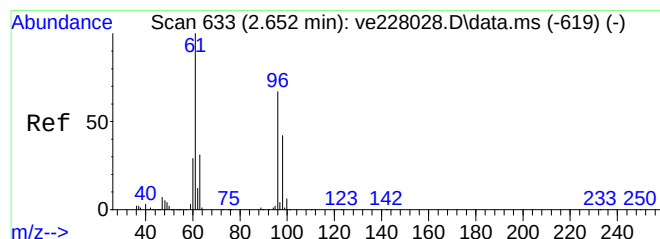
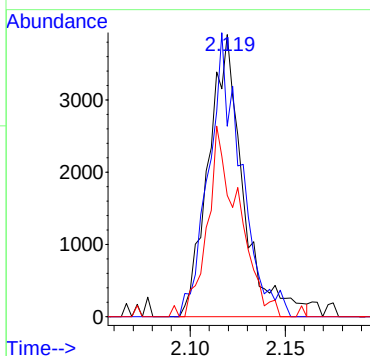
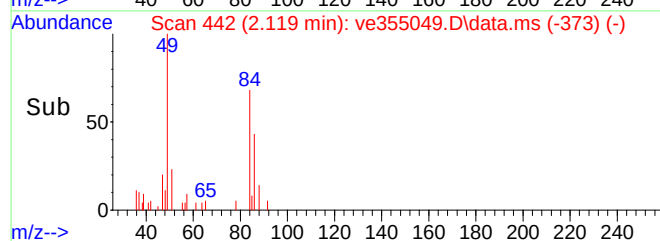
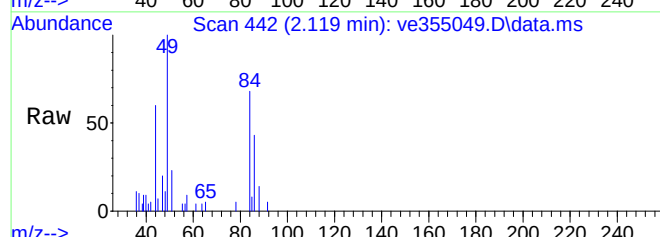
Tgt Ion: 61 Resp: 3013
 Ion Ratio Lower Upper
 61 100
 96 65.9 52.1 78.1
 63 37.7 26.3 39.5





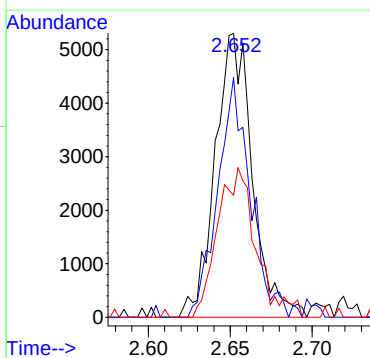
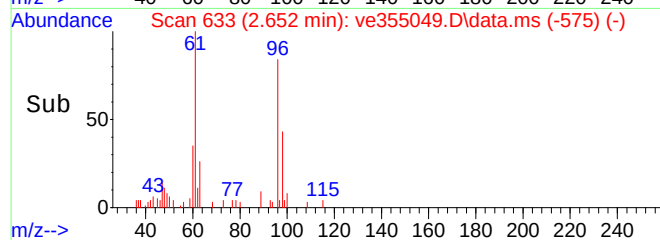
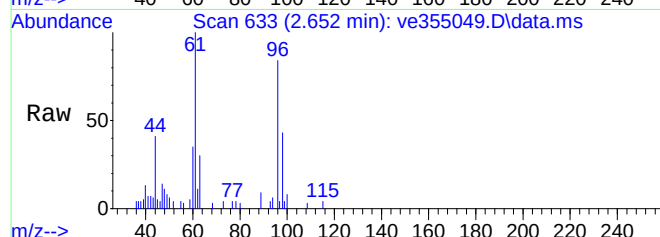
#22
METHYLENE CHLORIDE
Concen: 0.71 UG/L
RT: 2.119 min Scan# 442
Delta R.T. 0.003 min
Lab File: ve355049.D
Acq: 21 Dec 2012 9:45 am

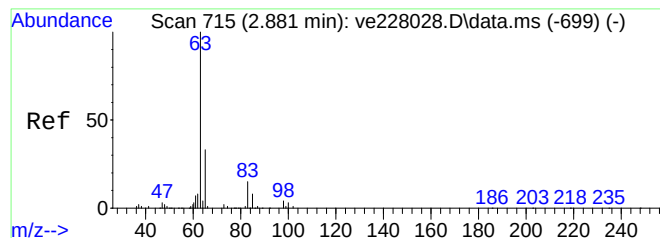
Tgt Ion: 49 Resp: 4944
Ion Ratio Lower Upper
49 100
84 93.9 52.4 78.6#
86 60.4 32.2 48.2#



#25
TRANS 1,2-DICHLOROETHENE
Concen: 1.07 UG/L
RT: 2.652 min Scan# 633
Delta R.T. 0.006 min
Lab File: ve355049.D
Acq: 21 Dec 2012 9:45 am

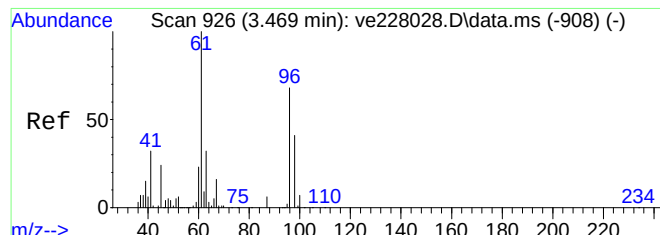
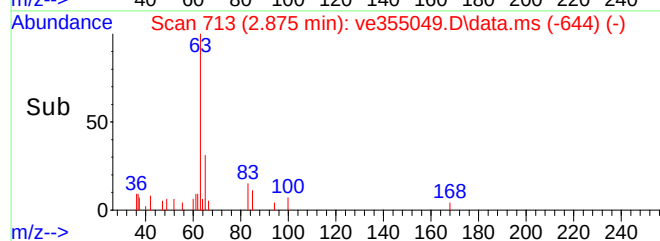
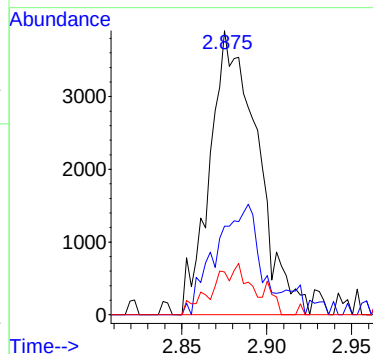
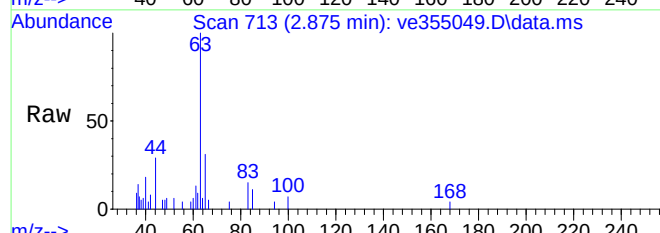
Tgt Ion: 61 Resp: 8386
Ion Ratio Lower Upper
61 100
96 73.9 52.1 78.1
98 51.8 34.2 51.2#





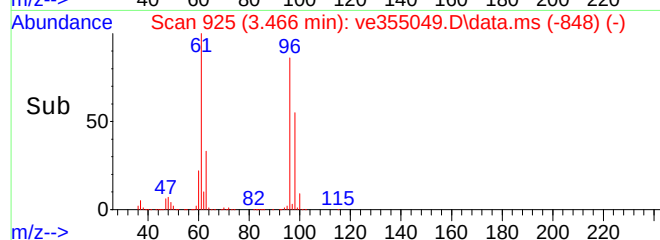
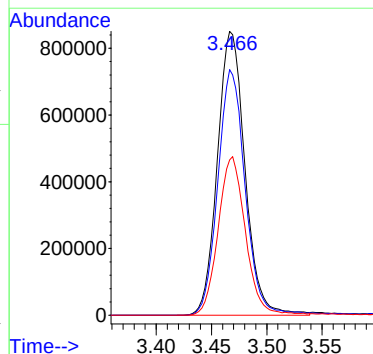
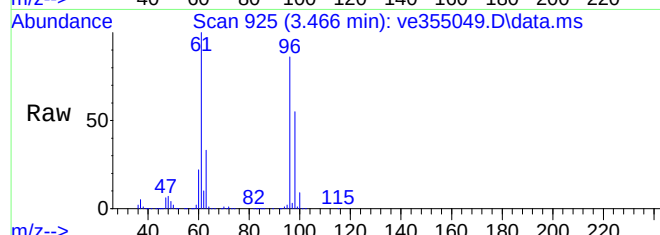
#26
1,1-DICHLOROETHANE
Concen: 0.78 UG/L
RT: 2.875 min Scan# 713
Delta R.T. -0.003 min
Lab File: ve355049.D
Acq: 21 Dec 2012 9:45 am

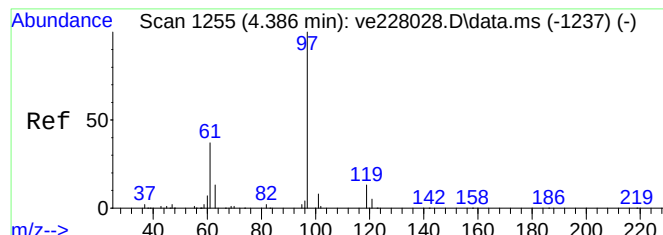
Tgt Ion: 63 Resp: 7605
Ion Ratio Lower Upper
63 100
65 35.5 23.8 35.6
83 7.4 10.0 15.0#



#34
CIS-1,2-DICHLOROETHENE
Concen: 178.23 UG/L
RT: 3.466 min Scan# 925
Delta R.T. 0.000 min
Lab File: ve355049.D
Acq: 21 Dec 2012 9:45 am

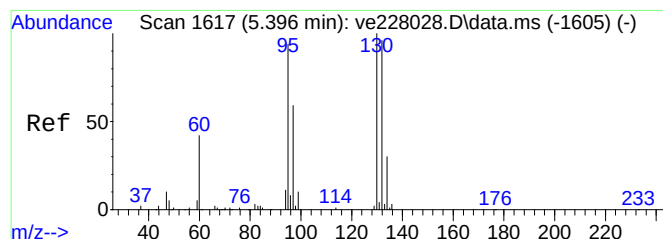
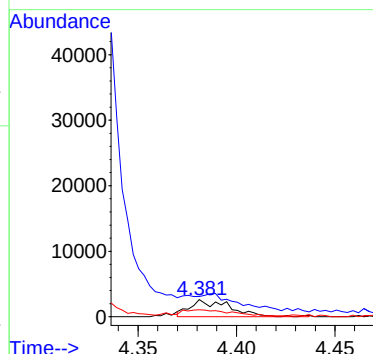
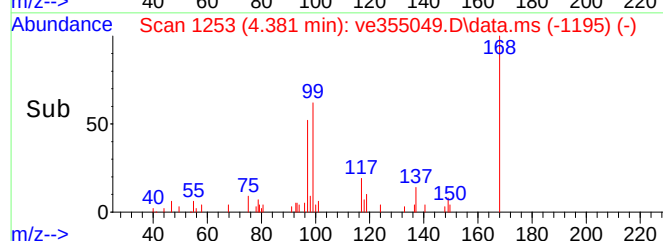
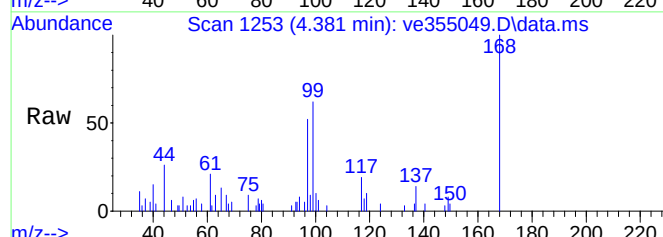
Tgt Ion: 61 Resp: 1476955
Ion Ratio Lower Upper
61 100
96 85.8 55.4 83.0#
98 55.0 35.5 53.3#





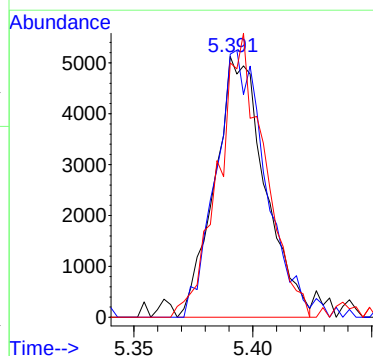
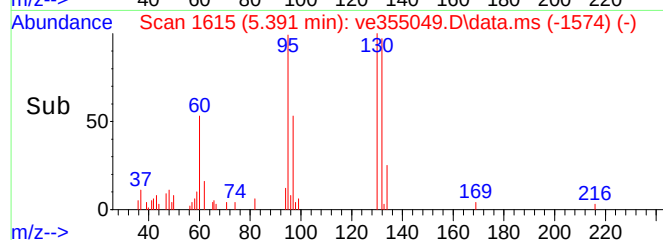
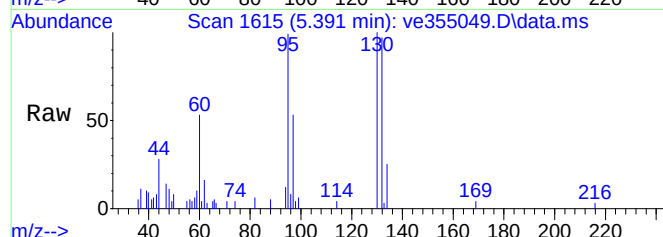
#41
1,1,1-TRICHLOROETHANE
Concen: 0.38 UG/L m
RT: 4.381 min Scan# 1253
Delta R.T. 0.000 min
Lab File: ve355049.D
Acq: 21 Dec 2012 9:45 am

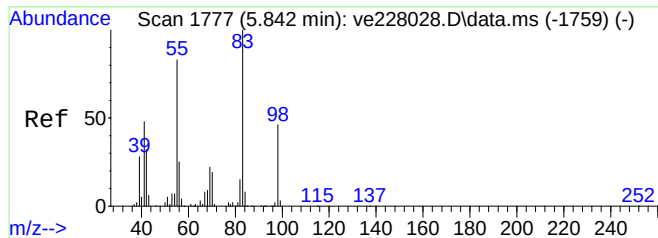
Tgt Ion: 97 Resp: 3659
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 44.7 35.4 53.2



#51
TRICHLOROETHENE
Concen: 1.12 UG/L
RT: 5.391 min Scan# 1615
Delta R.T. 0.001 min
Lab File: ve355049.D
Acq: 21 Dec 2012 9:45 am

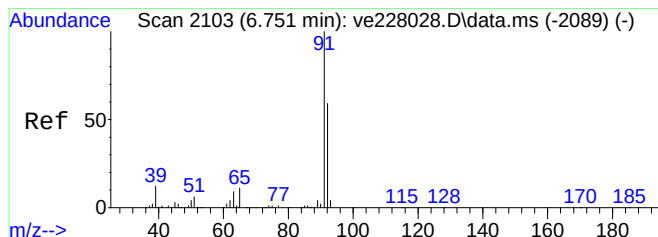
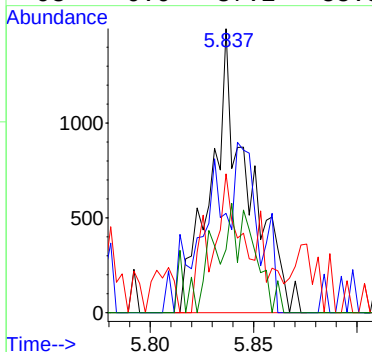
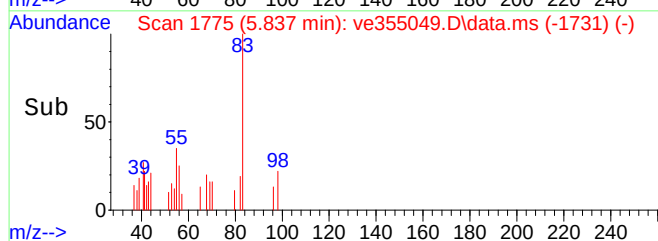
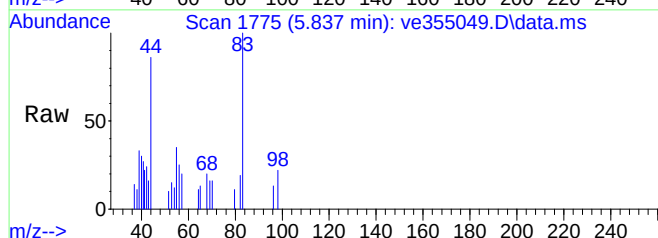
Tgt Ion: 95 Resp: 7519
Ion Ratio Lower Upper
95 100
130 102.2 81.5 122.3
132 100.3 83.5 125.3





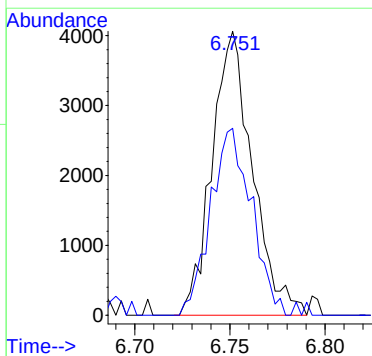
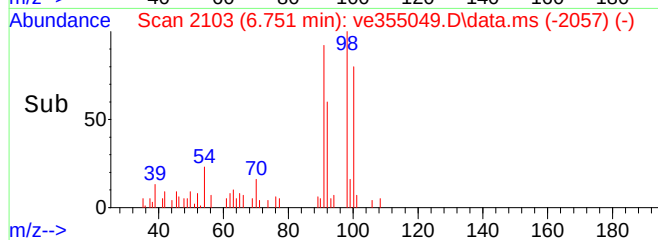
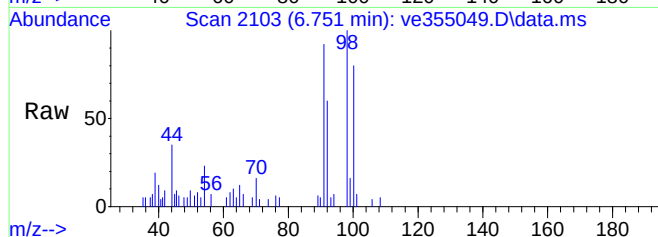
#52
METHYLCYCLOHEXANE
Concen: 0.21 UG/L
RT: 5.837 min Scan# 1775
Delta R.T. -0.000 min
Lab File: ve355049.D
Acq: 21 Dec 2012 9:45 am

Tgt Ion: 83 Resp: 1860
Ion Ratio Lower Upper
83 100
55 41.9 78.9 118.3#
41 0.0 37.6 56.4#
98 0.0 37.2 55.8#



#60
TOLUENE
Concen: 0.23 UG/L
RT: 6.751 min Scan# 2103
Delta R.T. 0.005 min
Lab File: ve355049.D
Acq: 21 Dec 2012 9:45 am

Tgt Ion: 91 Resp: 6013
Ion Ratio Lower Upper
91 100
92 66.3 46.6 70.0



Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355049.D
 Acq On : 21 Dec 2012 9:45 am
 Operator :
 Sample : 12L0458-09 @ 2X
 Misc : 2
 ALS Vial : 49 Sample Multiplier: 1

Integration Parameters: 8260B.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 500 Area counts
 Max Peaks: 9
 Peak Location: TOP

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

Method : C:\msdchem\1\METHODS\E111712W.m
 Title : 8260 WATER 5MLS VOAMS 5973 #5

Signal : TIC: ve355049.D\data.ms

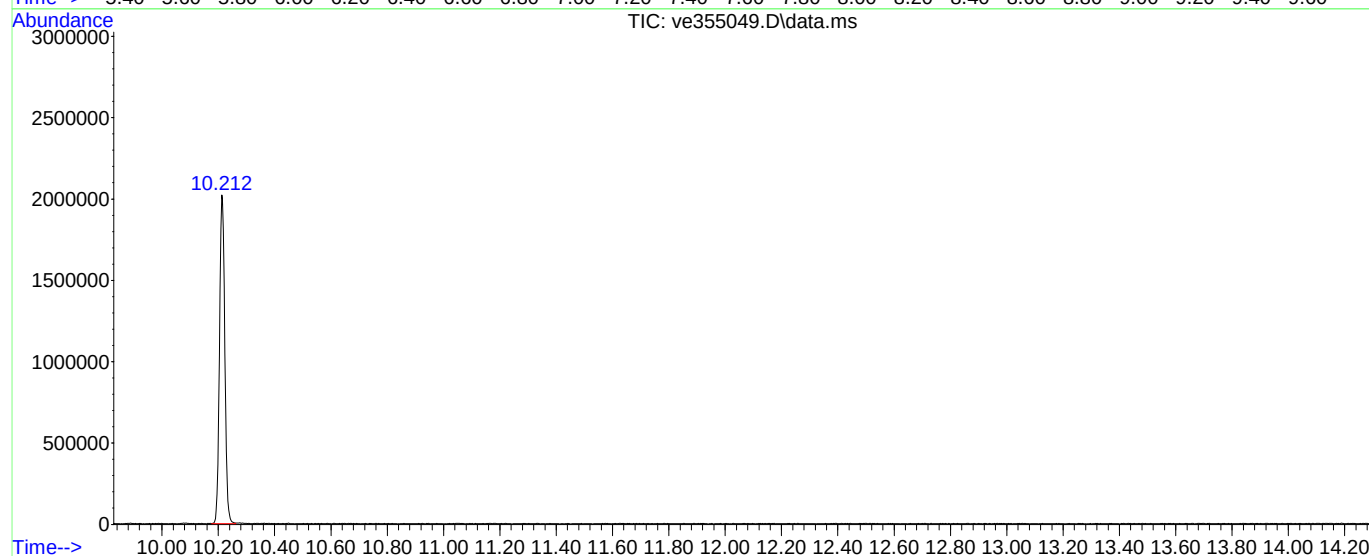
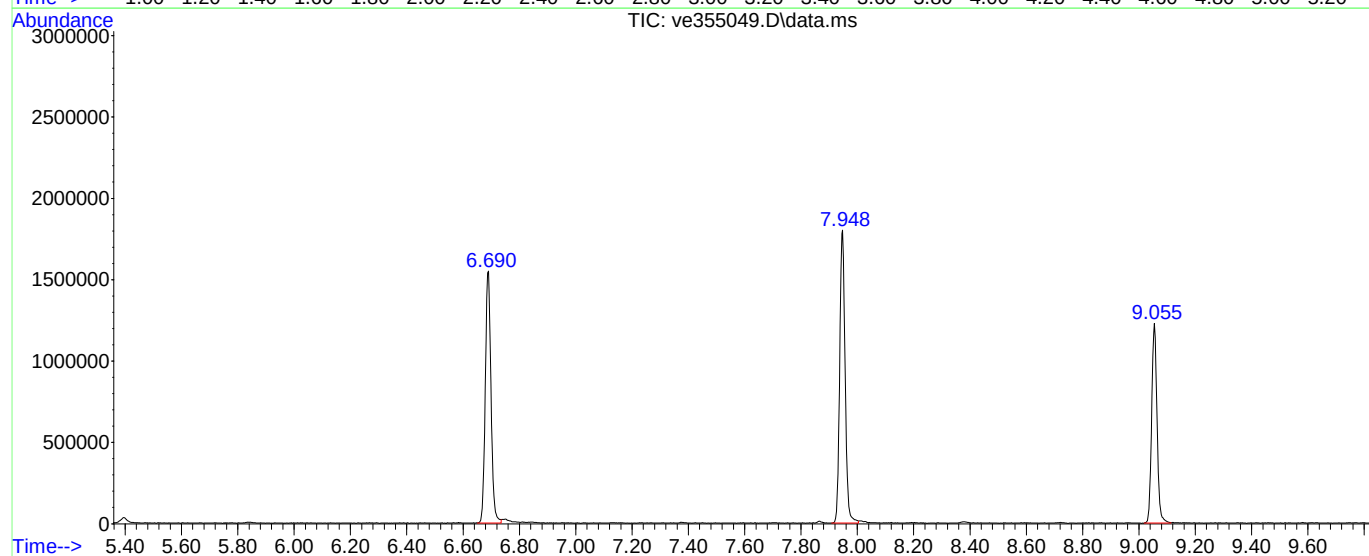
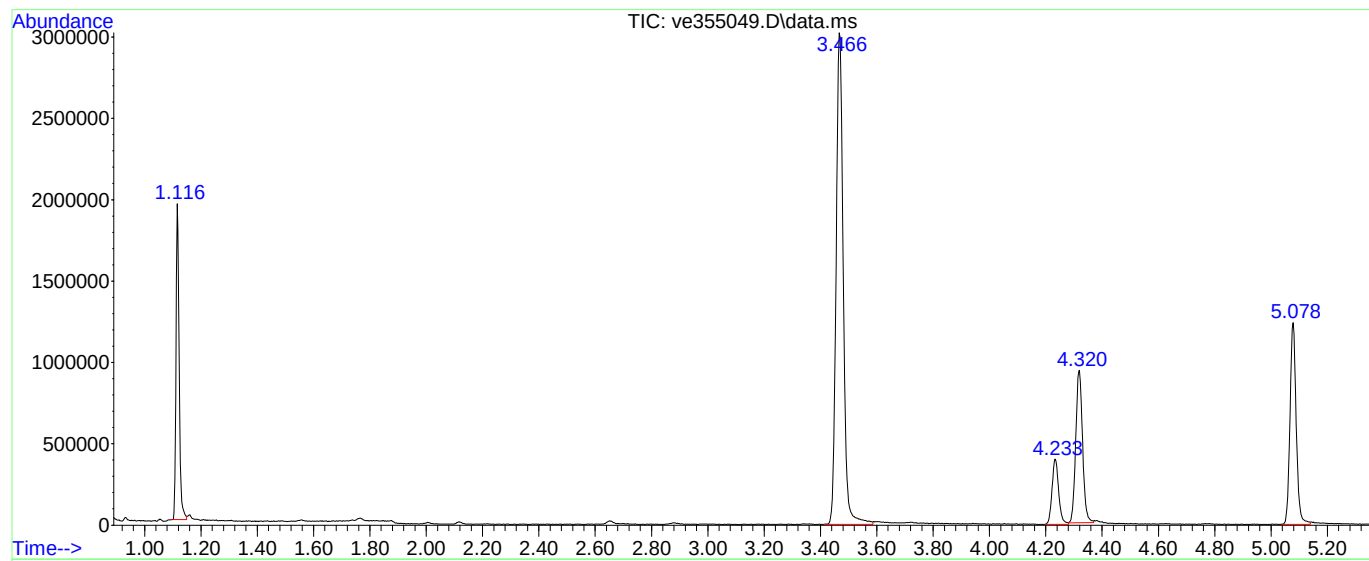
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.116	75	82	94	rBV	1941440	1512861	28.33%	7.648%
2	3.466	906	925	968	rBV	3022995	5339606	100.00%	26.994%
3	4.233	1187	1200	1217	rBV	401204	659011	12.34%	3.332%
4	4.320	1217	1231	1249	rVV2	937323	1568856	29.38%	7.931%
5	5.078	1489	1503	1525	rBV	1239538	1898027	35.55%	9.595%
6	6.690	2067	2081	2097	rBV	1548742	2158056	40.42%	10.910%
7	7.948	2518	2532	2552	rBV	1799569	2406407	45.07%	12.166%
8	9.055	2916	2929	2950	rBV	1226226	1613145	30.21%	8.155%
9	10.212	3331	3344	3362	rVV	2020497	2624458	49.15%	13.268%

Sum of corrected areas: 19780427

Data Path : C:\msdchem\1\DATA\122012\
Data File : ve355049.D
Acq On : 21 Dec 2012 9:45 am
Operator :
Sample : 12L0458-09 @ 2X
Misc : 2
ALS Vial : 49 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5

TIC Library : C:\Database\NIST08.L
TIC Integration Parameters: 8260B.P



Data Path : C:\msdchem\1\DATA\122012\
Data File : ve355049.D
Acq On : 21 Dec 2012 9:45 am
Operator :
Sample : 12L0458-09 @ 2X
Misc : 2
ALS Vial : 49 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5

TIC Library : C:\Database\NIST08.L
TIC Integration Parameters: 8260B.P

No Library Search Compounds Detected

Data Path : C:\msdchem\1\DATA\122012\
Data File : ve355049.D
Acq On : 21 Dec 2012 9:45 am
Operator :
Sample : 12L0458-09 @ 2X
Misc : 2
ALS Vial : 49 Sample Multiplier: 1

Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5

TIC Library : C:\Database\NIST08.L
TIC Integration Parameters: 8260B.P

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

1 - FORM I

ANALYSIS DATA SHEET

B-14

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
Client: CDM Smith, Inc. - NY Project: Doro Cleaners
Matrix: Ground Water Laboratory ID: 12L0458-09RE1 File ID: ve358012.D
Sampled: 12/13/12 08:40 Prepared: 12/23/12 09:20 Analyzed: 12/23/12 12:14
Solids: Preparation: SW-846 5030B Dilution: 20
Initial/Final: 5 mL / 5 mL
Batch: B065205 Sequence: S003720 Calibration: 1200253 Instrument: GCMSVOA5

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-01-4	Vinyl Chloride	170	3.2	40	

Data Path : C:\msdchem\1\DATA\122312\
 Data File : ve358012.D
 Acq On : 23 Dec 2012 12:14 pm
 Operator :
 Sample : 12L0458-09RE1 @ 20X
 Misc : 20
 ALS Vial : 12 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 24 11:09:41 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

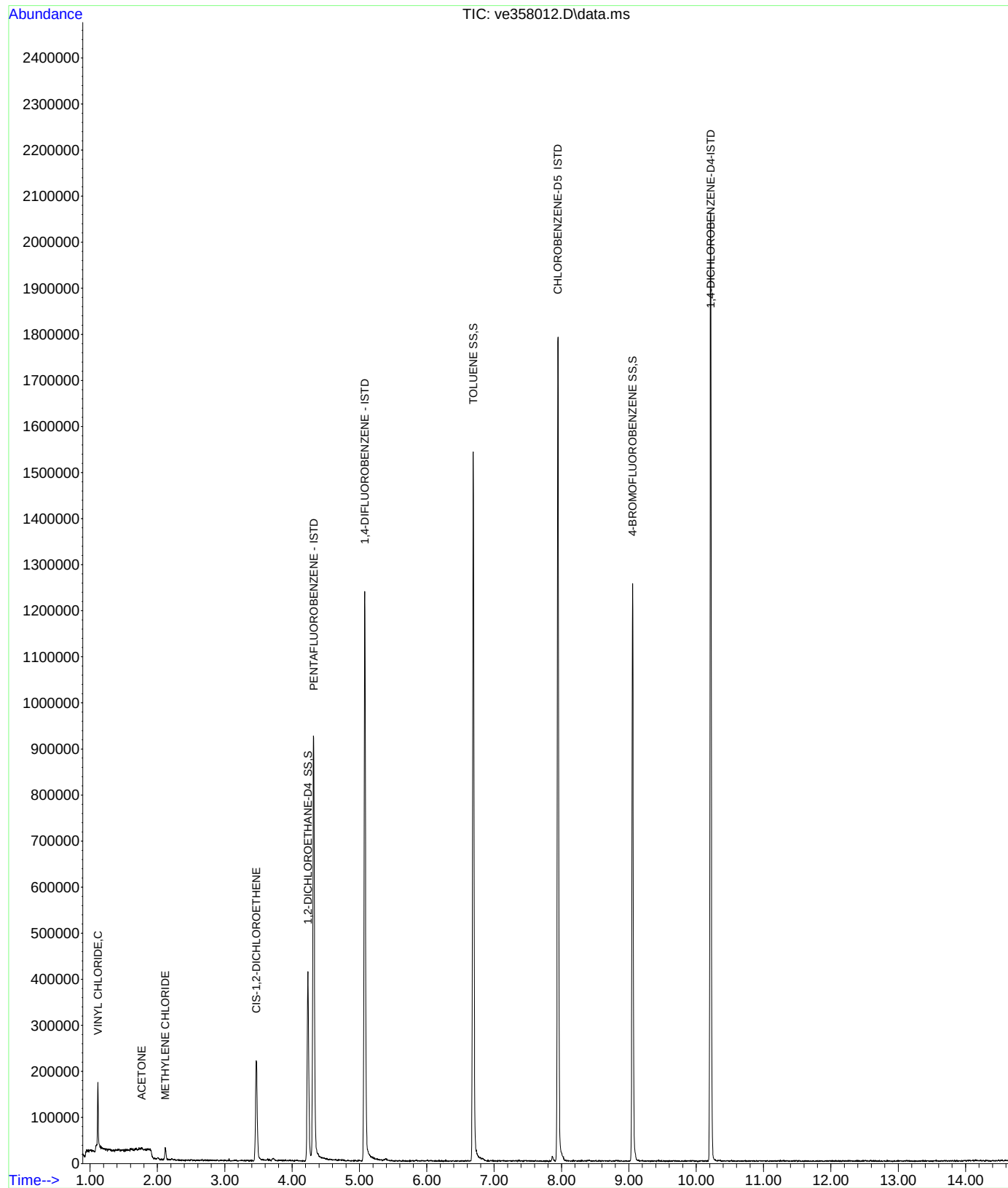
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.320	168	569207	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.078	114	877023	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.945	82	436481	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	457629	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	243258	25.72	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	102.88%	
48) TOLUENE SS	6.690	98	863175	25.25	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	101.00%	
70) 4-BROMOFLUOROBENZENE SS	9.055	95	320971	24.54	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	98.16%	
Target Compounds						
						Qvalue
6) VINYL CHLORIDE	1.116	62	64835	8.44	UG/L	96
14) ACETONE	1.762	43	1843	1.66	UG/L #	39
22) METHYLENE CHLORIDE	2.117	49	10073	1.50	UG/L #	73
34) CIS-1,2-DICHLOROETHENE	3.466	61	108459	13.61	UG/L #	83

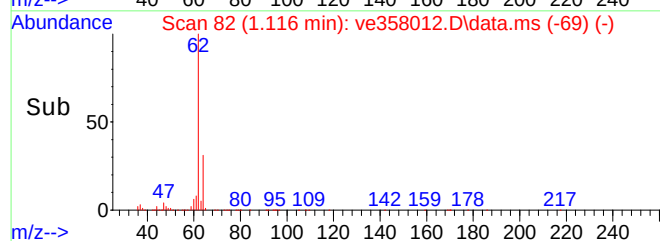
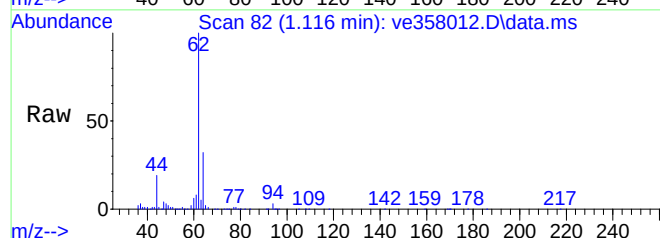
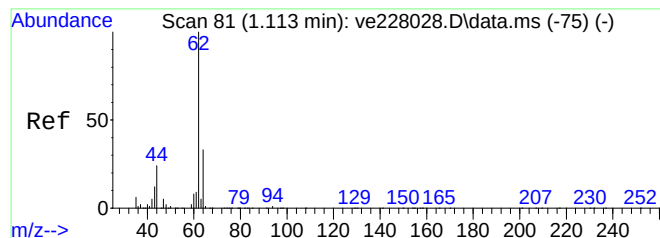
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\DATA\122312\
Data File : ve358012.D
Acq On : 23 Dec 2012 12:14 pm
Operator :
Sample : 12L0458-09RE1 @ 20X
Misc : 20
ALS Vial : 12 Sample Multiplier: 1

Inst : GCMSV0A5

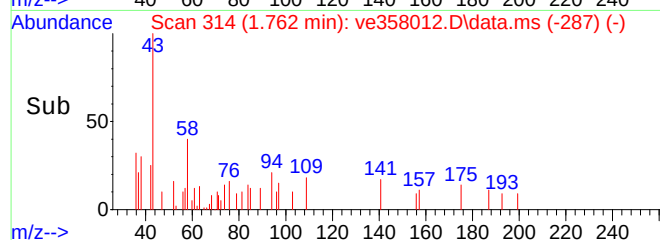
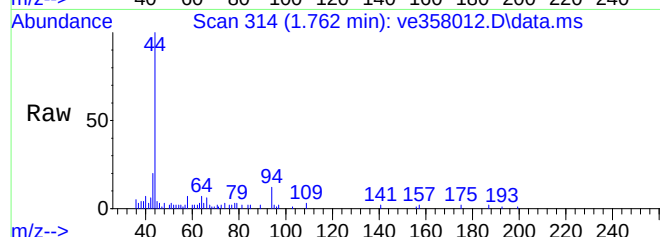
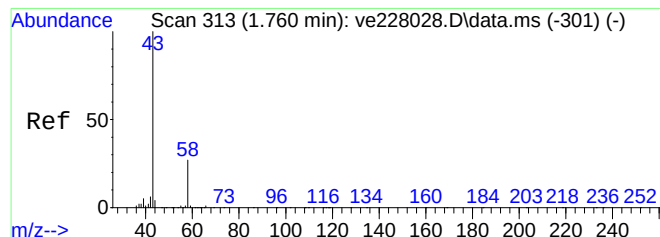
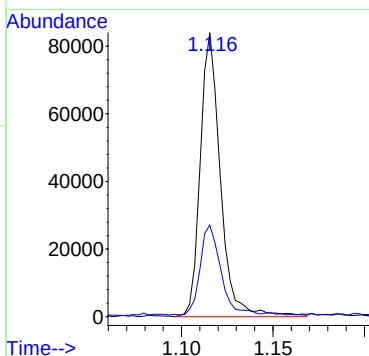
Quant Time: Dec 24 11:09:41 2012
Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Sun Nov 18 11:06:04 2012
Response via : Initial Calibration





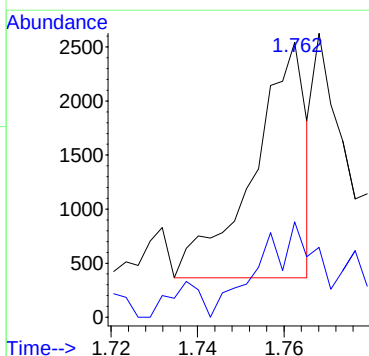
#6
VINYL CHLORIDE
Concen: 8.44 UG/L
RT: 1.116 min Scan# 82
Delta R.T. 0.001 min
Lab File: ve358012.D
Acq: 23 Dec 2012 12:14 pm

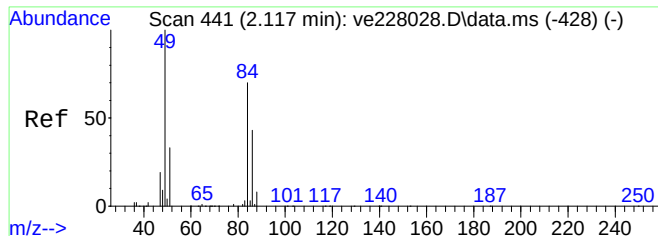
Tgt Ion: 62 Resp: 64835
Ion Ratio Lower Upper
62 100
64 32.1 24.0 36.0



#14
ACETONE
Concen: 1.66 UG/L
RT: 1.762 min Scan# 314
Delta R.T. 0.002 min
Lab File: ve358012.D
Acq: 23 Dec 2012 12:14 pm

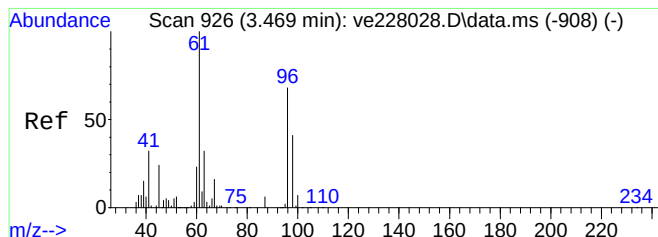
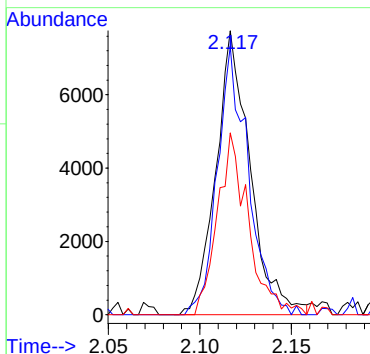
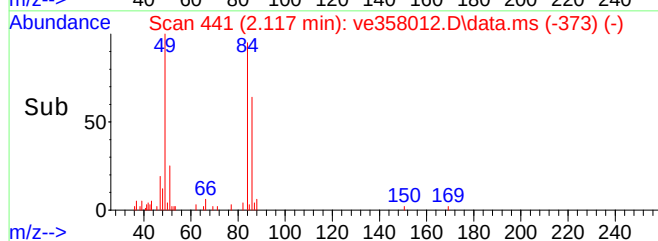
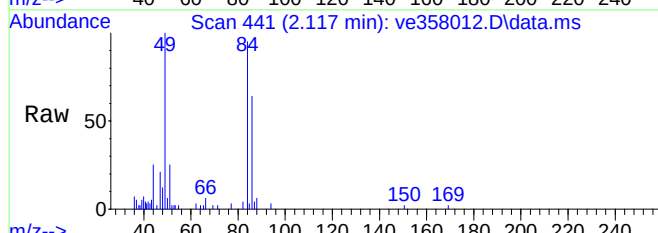
Tgt Ion: 43 Resp: 1843
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#





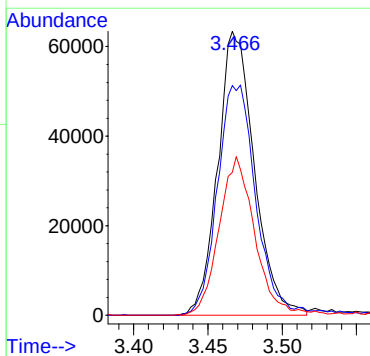
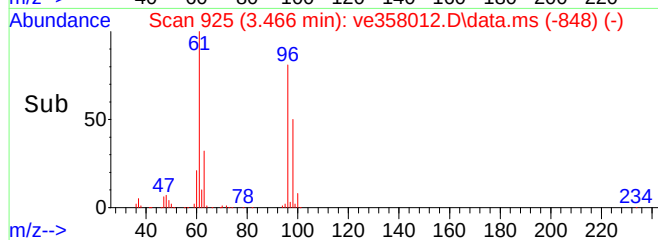
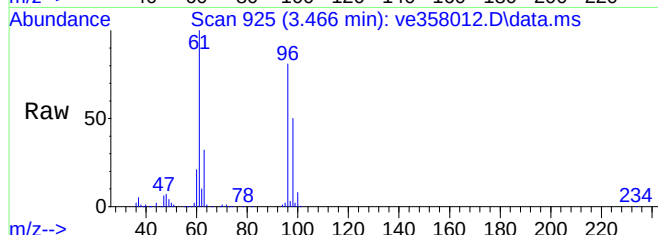
#22
METHYLENE CHLORIDE
Concen: 1.50 UG/L
RT: 2.117 min Scan# 441
Delta R.T. 0.001 min
Lab File: ve358012.D
Acq: 23 Dec 2012 12:14 pm

Tgt Ion: 49 Resp: 10073
Ion Ratio Lower Upper
49 100
84 85.5 52.4 78.6#
86 58.0 32.2 48.2#



#34
CIS-1,2-DICHLOROETHENE
Concen: 13.61 UG/L
RT: 3.466 min Scan# 925
Delta R.T. 0.000 min
Lab File: ve358012.D
Acq: 23 Dec 2012 12:14 pm

Tgt Ion: 61 Resp: 108459
Ion Ratio Lower Upper
61 100
96 84.0 55.4 83.0#
98 54.7 35.5 53.3#



1 - FORM I

ANALYSIS DATA SHEET

FB-3

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Field Blank Laboratory ID: 12L0458-10 File ID: VB353049.D
 Sampled: 12/13/12 08:16 Prepared: 12/19/12 08:51 Analyzed: 12/19/12 16:05
 Solids: Preparation: SW-846 5030B Dilution: 1
 Initial/Final: 5 mL / 5 mL
 Batch: B064499 Sequence: S003577 Calibration: 1300005 Instrument: GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	R-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	1.0	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	R-05, V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
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	2.0	
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	
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	

1 - FORM I

ANALYSIS DATA SHEET

FB-3

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Field Blank Laboratory ID: 12L0458-10 File ID: VB353049.D
 Sampled: 12/13/12 08:16 Prepared: 12/19/12 08:51 Analyzed: 12/19/12 16:05
 Solids: Preparation: SW-846 5030B Dilution: 1
 Initial/Final: 5 mL / 5 mL
 Batch: B064499 Sequence: S003577 Calibration: 1300005 Instrument: GCMSVOA2

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	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	L-04
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	V-05
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	V-05
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	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

1 - FORM I

ANALYSIS DATA SHEET

FB-3

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Field Blank Laboratory ID: 12L0458-10 File ID: VB353049.D
 Sampled: 12/13/12 08:16 Prepared: 12/19/12 08:51 Analyzed: 12/19/12 16:05
 Solids: Preparation: SW-846 5030B Dilution: 1
 Initial/Final: 5 mL / 5 mL
 Batch: B064499 Sequence: S003577 Calibration: 1300005 Instrument: GCMSVOA2

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	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
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	2.0	
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	5.0	
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 113)		0.11	1.0	
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	

1 - FORM I

ANALYSIS DATA SHEET

FB-3

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
Client: CDM Smith, Inc. - NY Project: Doro Cleaners
Matrix: Field Blank Laboratory ID: 12L0458-10 File ID: VB353049.D
Sampled: 12/13/12 08:16 Prepared: 12/19/12 08:51 Analyzed: 12/19/12 16:05
Solids: Preparation: SW-846 5030B Dilution: 1
Initial/Final: 5 mL / 5 mL
Batch: B064499 Sequence: S003577 Calibration: 1300005 Instrument: GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	
	No TICs Found	0.0			

Data File : W:\DATA\121812\VB353049.D
 Acq On : 19 Dec 2012 4:05 pm
 Sample : 12L0458-10 @ FB TICS
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 20 05:32:33 2012

Vial: 49
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

263

Quant Method : C:\MSDCHEM\1\METHODS\B1217W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Wed Dec 19 09:20:52 2012
 Response via : Initial Calibration
 DataAcq Meth:B1206W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.959	168	161472	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.684	114	253561	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.523	82	140915	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.818	152	115120	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	83453	25.21	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	100.84%	
43) TOLUENE-D8 SS	6.123	98	263880	24.47	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	97.88%	
64) 4-BROMOFLUROBENZENE SS	8.683	95	99839	24.16	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	96.64%	
Target Compounds						
14) ACETONE	1.926	43	1171	1.672	UG/L	# 39
59) TETRACHLOROETHENE	6.715	164	742	0.398	UG/L	96

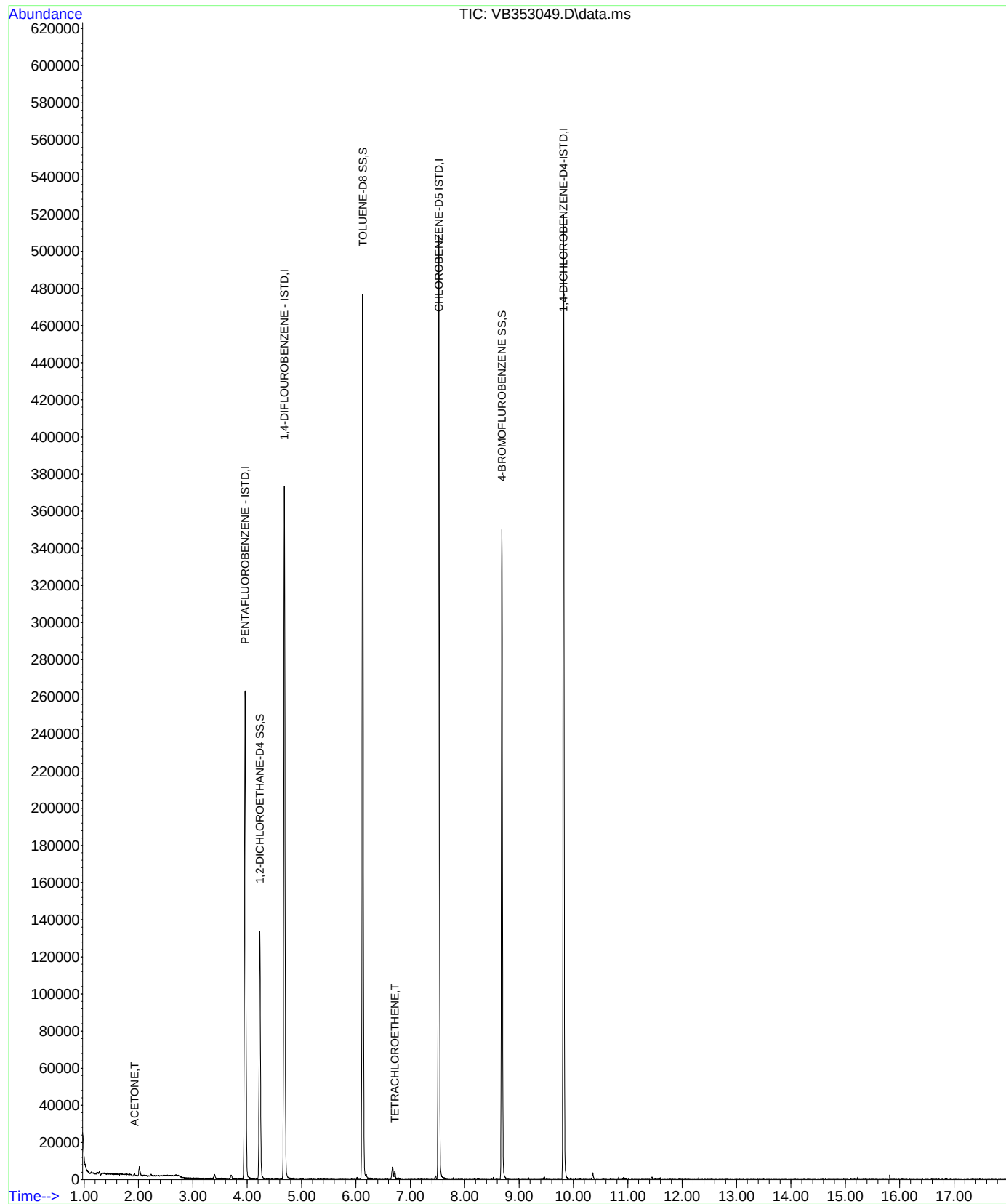
(#) = qualifier out of range (m) = manual integration (+) = signals summed

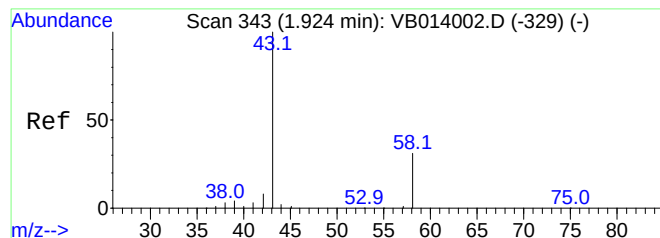
Data File : W:\DATA\121812\VB353049.D
Acq On : 19 Dec 2012 4:05 pm
Sample : 12L0458-10 @ FB TICS
InstName : GCMSV0A2
Misc :
Quant Time: Dec 20 05:32:33 2012

Vial: 49
Operator:
Inst : GCMSV0A2
Multiplr: 1.00

264

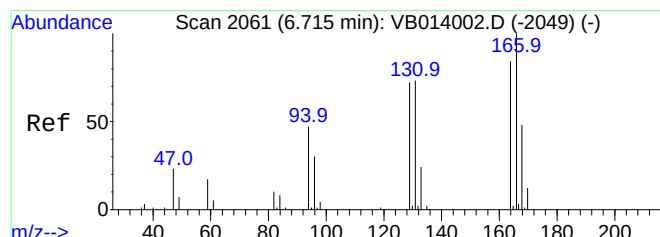
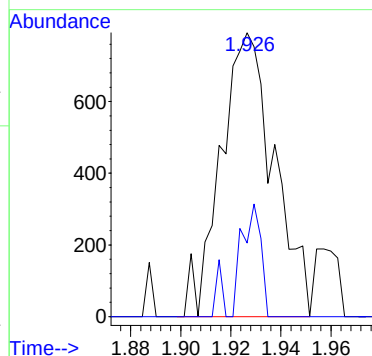
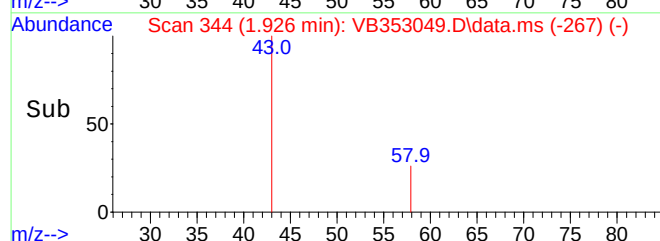
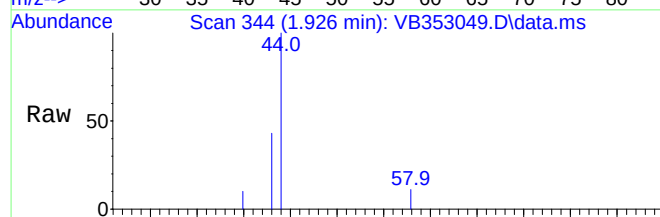
Quant Method : C:\MSDCHEM\1\METHODS\B1217W12.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Dec 19 09:20:52 2012
Response via : Initial Calibration
DataAcq Meth:B1206W12.M





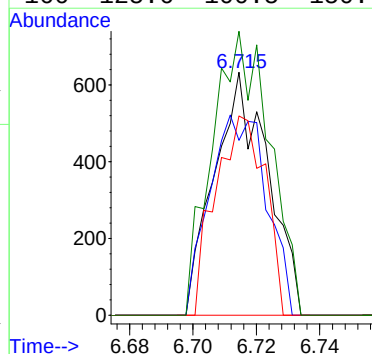
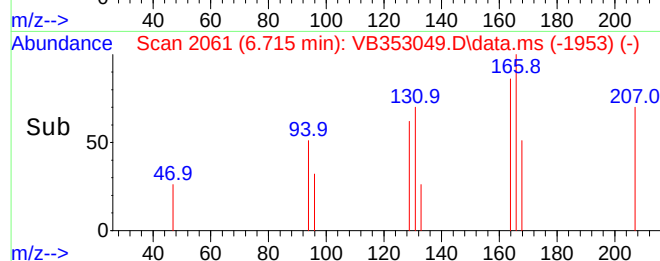
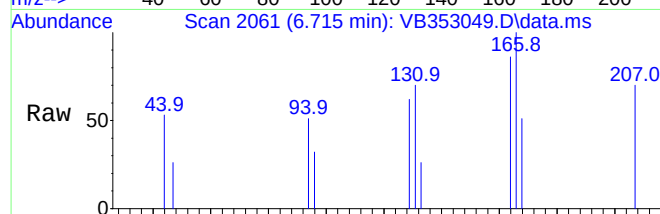
#14
ACETONE
Concen: 1.67 UG/L
RT: 1.926 min Scan# 344
Delta R.T. 0.003 min
Lab File: VB353049.D
Acq: 19 Dec 2012 4:05 pm

Tgt Ion: 43 Resp: 1171
Ion Ratio Lower Upper
43 100
58 0.0 28.6 42.8#



#59
TETRACHLOROETHENE
Concen: 0.40 UG/L
RT: 6.715 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VB353049.D
Acq: 19 Dec 2012 4:05 pm

Tgt Ion: 164 Resp: 742
Ion Ratio Lower Upper
164 100
129 88.0 70.5 105.7
131 76.1 69.9 104.9
166 125.6 100.5 150.7



Data Path : W:\DATA\121812\
 Data File : VB353049.D
 Acq On : 19 Dec 2012 4:05 pm
 Operator :
 Sample : 12L0458-10 @ FB TICS
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Integration Parameters: 8260LOW.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.5
 Stop Thrs : 0.2

Filtering: 5
 Min Area: 500 Area counts
 Max Peaks: 100
 Peak Location: TOP

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

Method : W:\METHODS\B1217W12.M
 Title : 8260 CALIBRATION VOAMS 5973

Signal : TIC: VB353049.D

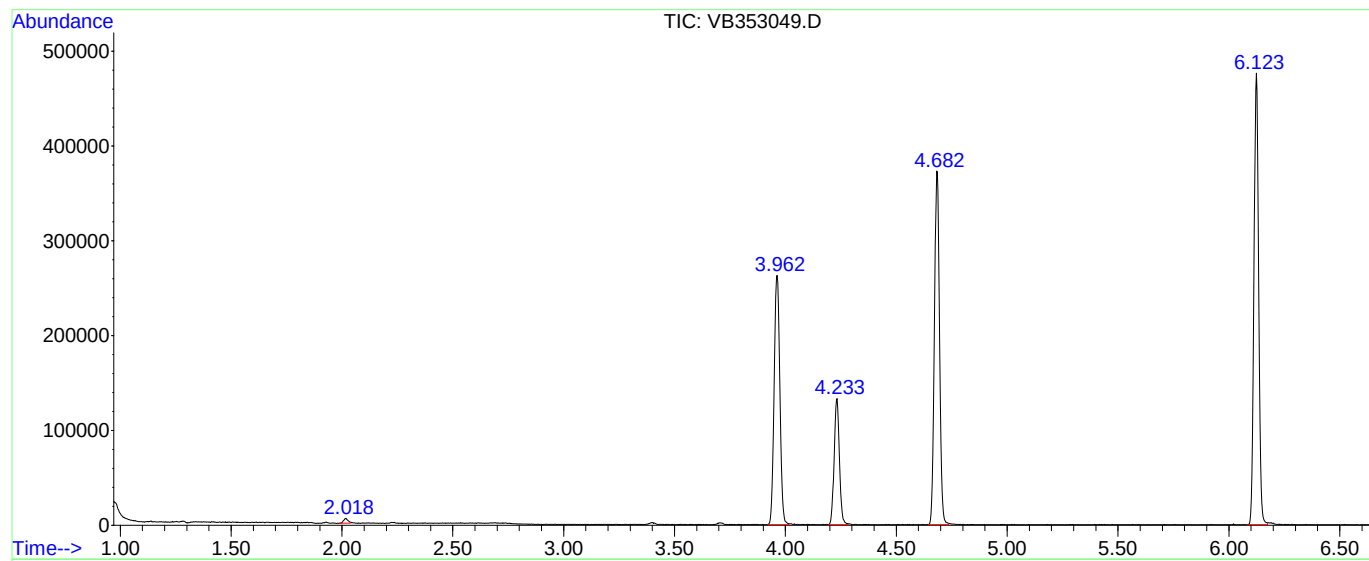
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.018	367	377	384	rBV2	5074	7340	1.04%	0.191%
2	3.962	1059	1074	1093	rBV	262855	462826	65.29%	12.040%
3	4.233	1157	1171	1189	rBV	133237	220755	31.14%	5.743%
4	4.682	1318	1332	1351	rBV	373058	589291	83.13%	15.329%
5	6.123	1834	1849	1867	rBV	476296	686736	96.88%	17.864%
6	6.673	2035	2046	2055	rBV4	6315	11689	1.65%	0.304%
7	7.523	2338	2351	2371	rBV	508291	708860	100.00%	18.440%
8	8.683	2754	2767	2787	rBV	349837	464370	65.51%	12.080%
9	9.818	3161	3174	3198	rBV	518984	692348	97.67%	18.010%

Sum of corrected areas: 3844215

Data Path : W:\DATA\121812\
Data File : VB353049.D
Acq On : 19 Dec 2012 4:05 pm
Operator :
Sample : 12L0458-10 @ FB TICS
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Method : C:\MSDCHEM\1\METHODS\B1217W12.M
Quant Title : 8260 CALIBRATION VOAMS 5973

TIC Library : C:\DATABASE\NIST05.L
TIC Integration Parameters: LSCINT.P



Data Path : W:\DATA\121812\
Data File : VB353049.D
Acq On : 19 Dec 2012 4:05 pm
Operator :
Sample : 12L0458-10 @ FB TICS
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Method : C:\MSDCHEM\1\METHODS\B1217W12.M
Quant Title : 8260 CALIBRATION VOAMS 5973

TIC Library : C:\DATABASE\NIST05.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

Data Path : W:\DATA\121812\
Data File : VB353049.D
Acq On : 19 Dec 2012 4:05 pm
Operator :
Sample : 12L0458-10 @ FB TICS
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Method : C:\MSDCHEM\1\METHODS\B1217W12.M
Quant Title : 8260 CALIBRATION VOAMS 5973

TIC Library : C:\DATABASE\NIST05.L
TIC Integration Parameters: LSCINT.P

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

1 - FORM I

ANALYSIS DATA SHEET

TB-4

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Trip Blank Water Laboratory ID: 12L0458-11 File ID: VB353050.D
 Sampled: 12/13/12 08:14 Prepared: 12/19/12 08:51 Analyzed: 12/19/12 16:35
 Solids: Preparation: SW-846 5030B Dilution: 1
 Initial/Final: 5 mL / 5 mL
 Batch: B064499 Sequence: S003577 Calibration: 1300005 Instrument: GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	R-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	1.0	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	R-05, V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
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	2.0	
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	
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	

1 - FORM I

ANALYSIS DATA SHEET

TB-4

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Trip Blank Water Laboratory ID: 12L0458-11 File ID: VB353050.D
 Sampled: 12/13/12 08:14 Prepared: 12/19/12 08:51 Analyzed: 12/19/12 16:35
 Solids: Preparation: SW-846 5030B Dilution: 1
 Initial/Final: 5 mL / 5 mL
 Batch: B064499 Sequence: S003577 Calibration: 1300005 Instrument: GCMSVOA2

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	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	L-04
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	V-05
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	V-05
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	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

1 - FORM I

ANALYSIS DATA SHEET

TB-4

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Trip Blank Water Laboratory ID: 12L0458-11 File ID: VB353050.D
 Sampled: 12/13/12 08:14 Prepared: 12/19/12 08:51 Analyzed: 12/19/12 16:35
 Solids: Preparation: SW-846 5030B Dilution: 1
 Initial/Final: 5 mL / 5 mL
 Batch: B064499 Sequence: S003577 Calibration: 1300005 Instrument: GCMSVOA2

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	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
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	2.0	
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	5.0	
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 113)		0.11	1.0	
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	

1 - FORM I

ANALYSIS DATA SHEET

TB-4

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
Client: CDM Smith, Inc. - NY Project: Doro Cleaners
Matrix: Trip Blank Water Laboratory ID: 12L0458-11 File ID: VB353050.D
Sampled: 12/13/12 08:14 Prepared: 12/19/12 08:51 Analyzed: 12/19/12 16:35
Solids: Preparation: SW-846 5030B Dilution: 1
Initial/Final: 5 mL / 5 mL
Batch: B064499 Sequence: S003577 Calibration: 1300005 Instrument: GCMSVOA2

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
95-47-6	o-Xylene		0.050	1.0	
	No TICs Found	0.0			

Data File : W:\DATA\121812\VB353050.D
 Acq On : 19 Dec 2012 4:35 pm
 Sample : 12L0458-11@ TB TICS
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 20 05:33:44 2012

Vial: 50
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

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Quant Method : C:\MSDCHEM\1\METHODS\B1217W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Wed Dec 19 09:20:52 2012
 Response via : Initial Calibration
 DataAcq Meth:B1206W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.959	168	158189	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.682	114	247981	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.521	82	139442	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.818	152	109512	30.00	UG/L	# 0.00

System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.230	65	81329	25.08	UG/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	100.32%	
43) TOLUENE-D8 SS	6.123	98	259186	24.57	UG/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	98.28%	
64) 4-BROMOFLUROBENZENE SS	8.683	95	98633	24.12	UG/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	96.48%	

Target Compounds	Qvalue

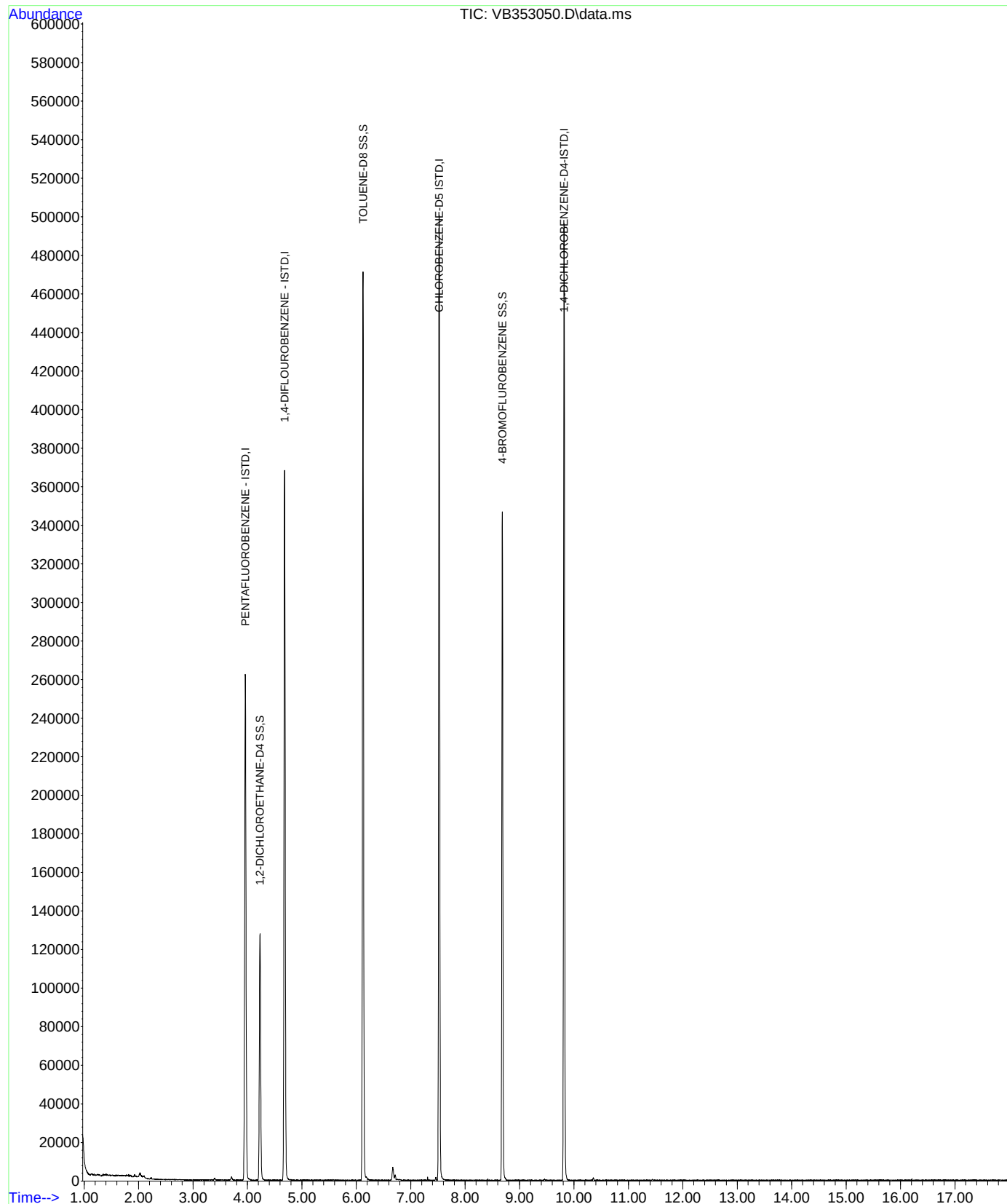
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : W:\DATA\121812\VB353050.D
Acq On : 19 Dec 2012 4:35 pm
Sample : 12L0458-11@ TB TICS
InstName : GCMSV0A2
Misc :
Quant Time: Dec 20 05:33:44 2012

Vial: 50
Operator:
Inst : GCMSV0A2
Multiplr: 1.00

275

Quant Method : C:\MSDCHEM\1\METHODS\B1217W12.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Dec 19 09:20:52 2012
Response via : Initial Calibration
DataAcq Meth:B1206W12.M



Data Path : W:\DATA\121812\
 Data File : VB353050.D
 Acq On : 19 Dec 2012 4:35 pm
 Operator :
 Sample : 12L0458-11@ TB TICS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Integration Parameters: 8260LOW.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.5
 Stop Thrs : 0.2

Filtering: 5
 Min Area: 500 Area counts
 Max Peaks: 100
 Peak Location: TOP

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

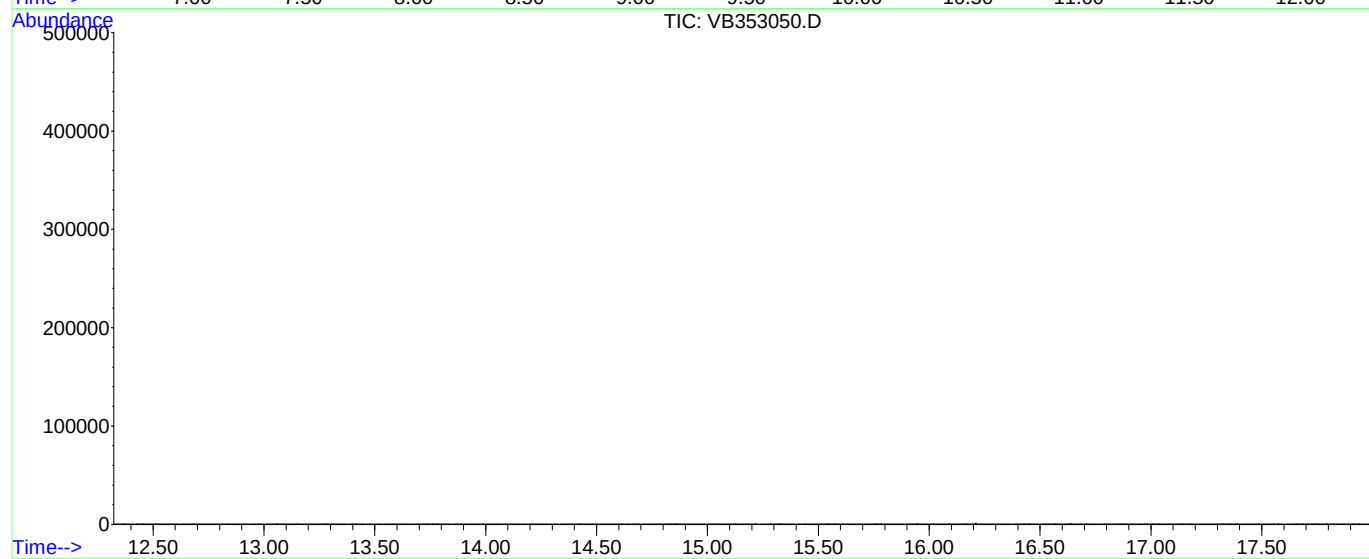
Method : W:\METHODS\B1217W12.M
 Title : 8260 CALIBRATION VOAMS 5973

Signal : TIC: VB353050.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.959	1056	1073	1092	rBV	262411	455455	65.15%	12.174%
2	4.230	1156	1170	1187	rBV2	127869	214070	30.62%	5.722%
3	4.682	1317	1332	1354	rBV	368218	575851	82.37%	15.392%
4	6.123	1836	1849	1868	rBV	471172	674779	96.52%	18.036%
5	6.670	2035	2045	2047	rBV2	6626	7189	1.03%	0.192%
6	7.523	2338	2351	2368	rBV	500396	699085	100.00%	18.686%
7	8.683	2756	2767	2782	rBV	346652	454388	65.00%	12.146%
8	9.818	3163	3174	3195	rBV	496052	660370	94.46%	17.651%

Sum of corrected areas: 3741187

TIC Library : C:\DATABASE\NIST05.L
TIC Integration Parameters: LSCINT.P



Data Path : W:\DATA\121812\
Data File : VB353050.D
Acq On : 19 Dec 2012 4:35 pm
Operator :
Sample : 12L0458-11@ TB TICS
Misc :
ALS Vial : 50 Sample Multiplier: 1

Quant Method : C:\MSDCHEM\1\METHODS\B1217W12.M
Quant Title : 8260 CALIBRATION VOAMS 5973

TIC Library : C:\DATABASE\NIST05.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

Data Path : W:\DATA\121812\
Data File : VB353050.D
Acq On : 19 Dec 2012 4:35 pm
Operator :
Sample : 12L0458-11@ TB TICS
Misc :
ALS Vial : 50 Sample Multiplier: 1

Quant Method : C:\MSDCHEM\1\METHODS\B1217W12.M
Quant Title : 8260 CALIBRATION VOAMS 5973

TIC Library : C:\DATABASE\NIST05.L
TIC Integration Parameters: LSCINT.P

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

VOLATILES QC SUMMARY

2 - FORM II
SYSTEM MONITORING COMPOUND SUMMARY
SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Matrix:	Water	Instrument:	GCMSVOA2

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
12L0458-10	101	96.6	97.9
12L0458-11	100	96.5	98.3
B064499-BLK1	100	96.8	98.2
B064499-BS1	100	101	99.9
B064499-BSD1	98.8	100	99.9

2 - FORM II
SYSTEM MONITORING COMPOUND SUMMARY
SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Matrix:	Soil	Instrument:	GCMSVOA1

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
12L0458-01	103	94.9	99.8
12L0458-02	101	95.1	97.2
12L0458-04	102	94.7	98.1
B064751-BLK1	94.2	90.6	97.1
B064751-BS1	93.2	96.6	97.7
B064751-BSD1	92.6	96.1	98.3

2 - FORM II
SYSTEM MONITORING COMPOUND SUMMARY
SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Matrix:	Soil	Instrument:	GCMSVOA1

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
12L0458-03	106	84.1	96.0
B064804-BLK1	95.4	91.9	99.1
B064804-BS1	94.2	95.4	99.2
B064804-BSD1	93.2	97.0	97.7

2 - FORM II
SYSTEM MONITORING COMPOUND SUMMARY
SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Matrix:	Water	Instrument:	GCMSVOA5

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
12L0458-06	99.1	97.8	98.7
12L0458-07	97.2	97.8	100
12L0458-08	101	98.4	100
12L0458-09	97.0	97.0	99.7
B065019-BLK1	103	99.0	101
B065019-BS1	99.6	99.1	99.5
B065019-BSD1	100	99.8	98.0

2 - FORM II
SYSTEM MONITORING COMPOUND SUMMARY
SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Matrix:	Soil	Instrument:	GCMSVOA5

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
12L0458-05	99.4	97.8	100
B065047-BLK1	103	97.5	98.7
B065047-BS1	99.6	99.1	99.5
B065047-BSD1	100	99.8	98.0

2 - FORM II
SYSTEM MONITORING COMPOUND SUMMARY
SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Matrix:	Soil	Instrument:	GCMSVOA5

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
12L0458-02	103	98.7	99.3
B065048-BLK1	103	97.5	98.7
B065048-BS1	99.6	99.1	99.5
B065048-BSD1	100	99.8	98.0

2 - FORM II
SYSTEM MONITORING COMPOUND SUMMARY
SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Matrix:	Water	Instrument:	GCMSVOA5

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
12L0458-09RE1	103	98.2	101
B065205-BLK1	97.4	97.5	99.7
B065205-BS1	102	99.8	102
B065205-BSD1	95.6	99.6	101

2 - FORM II
SYSTEM MONITORING COMPOUND SUMMARY
SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Matrix:	Water	Instrument:	GCMSVOA5

	1,2-DCA-d4 (70% - 130%)	BFB (70% - 130%)	TOL-d8 (70% - 130%)
12L0458-06RE1	114	96.4	104
B065223-BLK1	109	95.7	102
B065223-BS1	107	98.9	101
B065223-BSD1	108	99.1	101

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Water

Preparation: SW-846 5030B

Batch: B064499

Laboratory ID: B064499-BS1

Column:

Initial/Final: 5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
Acetone	100	104	104	70 - 160
Acrylonitrile	10.0	11.6	116	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.7	107	70 - 130
Benzene	10.0	10.7	107	70 - 130
Bromobenzene	10.0	10.8	108	70 - 130
Bromochloromethane	10.0	11.3	113	70 - 130
Bromodichloromethane	10.0	9.90	99.0	70 - 130
Bromoform	10.0	8.57	85.7	70 - 130
Bromomethane	10.0	5.98	59.8	40 - 160
2-Butanone (MEK)	100	104	104	40 - 160
tert-Butyl Alcohol (TBA)	100	112	112	40 - 160
n-Butylbenzene	10.0	10.1	101	70 - 130
sec-Butylbenzene	10.0	10.4	104	70 - 130
tert-Butylbenzene	10.0	10.4	104	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	11.1	111	70 - 130
Carbon Disulfide	10.0	9.21	92.1	70 - 130
Carbon Tetrachloride	10.0	9.32	93.2	70 - 130
Chlorobenzene	10.0	10.6	106	70 - 130
Chlorodibromomethane	10.0	8.18	81.8	70 - 130
Chloroethane	10.0	10.8	108	70 - 130
Chloroform	10.0	10.5	105	70 - 130
Chloromethane	10.0	7.63	76.3	40 - 160
2-Chlorotoluene	10.0	10.4	104	70 - 130
4-Chlorotoluene	10.0	10.8	108	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	9.76	97.6	70 - 130
1,2-Dibromoethane (EDB)	10.0	10.9	109	70 - 130
Dibromomethane	10.0	11.2	112	70 - 130
1,2-Dichlorobenzene	10.0	10.7	107	70 - 130
1,3-Dichlorobenzene	10.0	10.3	103	70 - 130
1,4-Dichlorobenzene	10.0	10.8	108	70 - 130
trans-1,4-Dichloro-2-butene	10.0	8.81	88.1	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Water

Preparation: SW-846 5030B

Batch: B064499

Laboratory ID: B064499-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	3.81	38.1 *	40 - 160
1,1-Dichloroethane	10.0	11.0	110	70 - 130
1,2-Dichloroethane	10.0	10.8	108	70 - 130
1,1-Dichloroethylene	10.0	11.0	110	70 - 130
cis-1,2-Dichloroethylene	10.0	10.1	101	70 - 130
trans-1,2-Dichloroethylene	10.0	10.0	100	70 - 130
1,2-Dichloropropane	10.0	10.7	107	70 - 130
1,3-Dichloropropane	10.0	10.8	108	70 - 130
2,2-Dichloropropane	10.0	5.92	59.2	40 - 130
1,1-Dichloropropene	10.0	10.6	106	70 - 130
cis-1,3-Dichloropropene	10.0	7.54	75.4	70 - 130
trans-1,3-Dichloropropene	10.0	7.68	76.8	70 - 130
Diethyl Ether	10.0	12.1	121	70 - 130
Diisopropyl Ether (DIPE)	10.0	12.5	125	70 - 130
1,4-Dioxane	100	113	113	40 - 130
Ethylbenzene	10.0	10.8	108	70 - 130
Hexachlorobutadiene	10.0	10.6	106	70 - 130
2-Hexanone (MBK)	100	113	113	70 - 160
Isopropylbenzene (Cumene)	10.0	10.6	106	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	11.1	111	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	11.2	112	70 - 130
Methylene Chloride	10.0	12.9	129	70 - 130
4-Methyl-2-pentanone (MIBK)	100	113	113	70 - 160
Naphthalene	10.0	10.7	107	40 - 130
n-Propylbenzene	10.0	10.5	105	70 - 130
Styrene	10.0	10.2	102	70 - 130
1,1,1,2-Tetrachloroethane	10.0	9.37	93.7	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.8	108	70 - 130
Tetrachloroethylene	10.0	10.8	108	70 - 130
Tetrahydrofuran	10.0	11.8	118	70 - 130
Toluene	10.0	10.7	107	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Water

Preparation: SW-846 5030B

Batch: B064499

Laboratory ID: B064499-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	10.7	107	70 - 130
1,2,4-Trichlorobenzene	10.0	10.2	102	70 - 130
1,3,5-Trichlorobenzene	10.0	11.0	110	70 - 130
1,1,1-Trichloroethane	10.0	10.1	101	70 - 130
1,1,2-Trichloroethane	10.0	11.0	110	70 - 130
Trichloroethylene	10.0	10.5	105	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	9.94	99.4	70 - 130
1,2,3-Trichloropropane	10.0	11.4	114	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.4	114	70 - 130
1,2,4-Trimethylbenzene	10.0	10.8	108	70 - 130
1,3,5-Trimethylbenzene	10.0	10.8	108	70 - 130
Vinyl Chloride	10.0	7.87	78.7	40 - 160
m+p Xylene	20.0	22.0	110	70 - 130
o-Xylene	10.0	10.7	107	70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	REC.
Acetone	100	78.6	78.6	27.6	25	70 - 160
Acrylonitrile	10.0	10.7	107	7.71	25	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.3	103	3.52	25	70 - 130
Benzene	10.0	10.4	104	2.66	25	70 - 130
Bromobenzene	10.0	10.6	106	1.68	25	70 - 130
Bromochloromethane	10.0	10.9	109	3.07	25	70 - 130
Bromodichloromethane	10.0	9.88	98.8	0.202	25	70 - 130
Bromoform	10.0	8.36	83.6	2.48	25	70 - 130
Bromomethane	10.0	6.44	64.4	7.41	25	40 - 160
2-Butanone (MEK)	100	91.2	91.2	13.3	25	40 - 160
tert-Butyl Alcohol (TBA)	100	79.4	79.4	34.1	25	40 - 160
n-Butylbenzene	10.0	9.86	98.6	2.40	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Water

Preparation: SW-846 5030B

Batch: B064499

Laboratory ID: B064499-BSD1

Column:

Initial/Final: 5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
sec-Butylbenzene	10.0	10.3	103	0.872	25	70 - 130
tert-Butylbenzene	10.0	10.4	104	0.192	25	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	10.8	108	2.37	25	70 - 130
Carbon Disulfide	10.0	7.44	74.4	21.3	25	70 - 130
Carbon Tetrachloride	10.0	9.30	93.0	0.215	25	70 - 130
Chlorobenzene	10.0	10.4	104	1.33	25	70 - 130
Chlorodibromomethane	10.0	7.95	79.5	2.85	25	70 - 130
Chloroethane	10.0	9.25	92.5	15.5	25	70 - 130
Chloroform	10.0	10.3	103	1.83	25	70 - 130
Chloromethane	10.0	7.25	72.5	5.11	25	40 - 160
2-Chlorotoluene	10.0	10.2	102	1.75	25	70 - 130
4-Chlorotoluene	10.0	10.6	106	1.31	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	8.89	88.9	9.33	25	70 - 130
1,2-Dibromoethane (EDB)	10.0	10.3	103	5.76	25	70 - 130
Dibromomethane	10.0	10.6	106	4.96	25	70 - 130
1,2-Dichlorobenzene	10.0	10.4	104	3.14	25	70 - 130
1,3-Dichlorobenzene	10.0	10.3	103	0.291	25	70 - 130
1,4-Dichlorobenzene	10.0	10.5	105	2.81	25	70 - 130
trans-1,4-Dichloro-2-butene	10.0	8.23	82.3	6.81	25	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	3.67	36.7	*	25	40 - 160
1,1-Dichloroethane	10.0	10.8	108	1.38	25	70 - 130
1,2-Dichloroethane	10.0	10.5	105	3.09	25	70 - 130
1,1-Dichloroethylene	10.0	9.45	94.5	14.9	25	70 - 130
cis-1,2-Dichloroethylene	10.0	9.92	99.2	1.70	25	70 - 130
trans-1,2-Dichloroethylene	10.0	10.5	105	4.68	25	70 - 130
1,2-Dichloropropane	10.0	10.4	104	3.13	25	70 - 130
1,3-Dichloropropane	10.0	10.5	105	3.10	25	70 - 130
2,2-Dichloropropane	10.0	5.81	58.1	1.88	25	40 - 130
1,1-Dichloropropene	10.0	10.3	103	3.45	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Water

Preparation: SW-846 5030B

Batch: B064499

Laboratory ID: B064499-BSD1

Column:

Initial/Final: 5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
cis-1,3-Dichloropropene	10.0	7.43	74.3	1.47	25	70 - 130
trans-1,3-Dichloropropene	10.0	7.64	76.4	0.522	25	70 - 130
Diethyl Ether	10.0	9.76	97.6	21.2	25	70 - 130
Diisopropyl Ether (DIPE)	10.0	12.2	122	2.02	25	70 - 130
1,4-Dioxane	100	97.8	97.8	14.2	50	40 - 130
Ethylbenzene	10.0	10.8	108	0.0927	25	70 - 130
Hexachlorobutadiene	10.0	10.2	102	4.05	25	70 - 130
2-Hexanone (MBK)	100	97.9	97.9	14.3	25	70 - 160
Isopropylbenzene (Cumene)	10.0	10.5	105	1.61	25	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	11.1	111	0.270	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	10.8	108	3.55	25	70 - 130
Methylene Chloride	10.0	13.7	137	6.31	25	70 - 130
4-Methyl-2-pentanone (MIBK)	100	101	101	11.5	25	70 - 160
Naphthalene	10.0	8.71	87.1	20.3	25	40 - 130
n-Propylbenzene	10.0	10.3	103	2.02	25	70 - 130
Styrene	10.0	10.2	102	0.196	25	70 - 130
1,1,1,2-Tetrachloroethane	10.0	9.28	92.8	0.965	25	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.89	98.9	8.80	25	70 - 130
Tetrachloroethylene	10.0	10.4	104	3.11	25	70 - 130
Tetrahydrofuran	10.0	10.4	104	12.3	25	70 - 130
Toluene	10.0	10.5	105	2.08	25	70 - 130
1,2,3-Trichlorobenzene	10.0	8.43	84.3	23.6	25	70 - 130
1,2,4-Trichlorobenzene	10.0	8.75	87.5	15.0	25	70 - 130
1,3,5-Trichlorobenzene	10.0	10.2	102	7.28	25	70 - 130
1,1,1-Trichloroethane	10.0	10.1	101	0.0987	25	70 - 130
1,1,2-Trichloroethane	10.0	10.5	105	4.09	25	70 - 130
Trichloroethylene	10.0	10.2	102	2.71	25	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	8.92	89.2	10.8	25	70 - 130
1,2,3-Trichloropropane	10.0	10.3	103	9.84	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Water

Preparation: SW-846 5030B

Batch: B064499

Laboratory ID: B064499-BSD1

Column: Initial/Final: 5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.0	100	12.2	25	70 - 130
1,2,4-Trimethylbenzene	10.0	10.7	107	0.928	25	70 - 130
1,3,5-Trimethylbenzene	10.0	10.7	107	1.02	25	70 - 130
Vinyl Chloride	10.0	7.05	70.5	11.0	25	40 - 160
m+p Xylene	20.0	21.7	108	1.38	25	70 - 130
o-Xylene	10.0	10.6	106	0.941	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Preparation: SW-846 5035

Batch: B064751

Laboratory ID: B064751-BS1

Column: Initial/Final: 5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
Acetone	0.200	0.160	80.0	70 - 160
Acrylonitrile	0.0200	0.0193	96.4	70 - 130
tert-Amyl Methyl Ether (TAME)	0.0200	0.0197	98.3	70 - 130
Benzene	0.0200	0.0195	97.5	70 - 130
Bromobenzene	0.0200	0.0185	92.6	70 - 130
Bromochloromethane	0.0200	0.0229	114	70 - 130
Bromodichloromethane	0.0200	0.0172	86.2	70 - 130
Bromoform	0.0200	0.0188	94.0	70 - 130
Bromomethane	0.0200	0.0138	68.8	40 - 130
2-Butanone (MEK)	0.200	0.171	85.5	70 - 160
tert-Butyl Alcohol (TBA)	0.200	0.222	111	40 - 130
n-Butylbenzene	0.0200	0.0201	101	70 - 130
sec-Butylbenzene	0.0200	0.0212	106	70 - 130
tert-Butylbenzene	0.0200	0.0207	104	70 - 160
tert-Butyl Ethyl Ether (TBEE)	0.0200	0.0195	97.6	70 - 130
Carbon Disulfide	0.0200	0.0179	89.6	70 - 130
Carbon Tetrachloride	0.0200	0.0277	138 *	70 - 130
Chlorobenzene	0.0200	0.0192	95.9	70 - 130
Chlorodibromomethane	0.0200	0.0181	90.3	70 - 130
Chloroethane	0.0200	0.0192	95.8	70 - 130
Chloroform	0.0200	0.0193	96.5	70 - 130
Chloromethane	0.0200	0.0192	96.0	70 - 130
2-Chlorotoluene	0.0200	0.0183	91.4	70 - 130
4-Chlorotoluene	0.0200	0.0180	90.2	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	0.0200	0.0183	91.7	70 - 130
1,2-Dibromoethane (EDB)	0.0200	0.0195	97.6	70 - 130
Dibromomethane	0.0200	0.0176	87.9	70 - 130
1,2-Dichlorobenzene	0.0200	0.0193	96.4	70 - 130
1,3-Dichlorobenzene	0.0200	0.0196	98.1	70 - 130
1,4-Dichlorobenzene	0.0200	0.0201	101	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.0156	77.9	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Preparation: SW-846 5035

Batch: B064751

Laboratory ID: B064751-BS1

Column: Initial/Final: 5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
Dichlorodifluoromethane (Freon 12)	0.0200	0.0128	64.1	40 - 160
1,1-Dichloroethane	0.0200	0.0189	94.3	70 - 130
1,2-Dichloroethane	0.0200	0.0158	78.9	70 - 130
1,1-Dichloroethylene	0.0200	0.0176	87.9	70 - 130
cis-1,2-Dichloroethylene	0.0200	0.0197	98.3	70 - 130
trans-1,2-Dichloroethylene	0.0200	0.0197	98.4	70 - 130
1,2-Dichloropropane	0.0200	0.0171	85.6	70 - 130
1,3-Dichloropropane	0.0200	0.0174	87.0	70 - 130
2,2-Dichloropropane	0.0200	0.0226	113	70 - 130
1,1-Dichloropropene	0.0200	0.0190	95.0	70 - 130
cis-1,3-Dichloropropene	0.0200	0.0165	82.5	70 - 130
trans-1,3-Dichloropropene	0.0200	0.0169	84.3	70 - 130
Diethyl Ether	0.0200	0.0192	96.1	70 - 130
Diisopropyl Ether (DIPE)	0.0200	0.0210	105	70 - 130
1,4-Dioxane	0.200	0.182	91.0	40 - 160
Ethylbenzene	0.0200	0.0188	94.2	70 - 130
Hexachlorobutadiene	0.0200	0.0193	96.4	70 - 160
2-Hexanone (MBK)	0.200	0.162	80.8	70 - 160
Isopropylbenzene (Cumene)	0.0200	0.0191	95.6	70 - 130
p-Isopropyltoluene (p-Cymene)	0.0200	0.0216	108	70 - 130
Methyl tert-Butyl Ether (MTBE)	0.0200	0.0199	99.3	70 - 130
Methylene Chloride	0.0200	0.0161	80.3	40 - 160
4-Methyl-2-pentanone (MIBK)	0.200	0.168	84.1	70 - 160
Naphthalene	0.0200	0.0136	67.9	40 - 130
n-Propylbenzene	0.0200	0.0192	96.0	70 - 130
Styrene	0.0200	0.0180	89.8	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.0195	97.4	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.0191	95.7	70 - 130
Tetrachloroethylene	0.0200	0.0180	90.1	70 - 130
Tetrahydrofuran	0.0200	0.0218	109	70 - 130
Toluene	0.0200	0.0167	83.4	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Preparation: SW-846 5035

Batch: B064751

Laboratory ID: B064751-BS1

Column: Initial/Final: 5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
1,2,3-Trichlorobenzene	0.0200	0.0164	81.8	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.0166	83.0	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.0189	94.6	70 - 130
1,1,1-Trichloroethane	0.0200	0.0207	104	70 - 130
1,1,2-Trichloroethane	0.0200	0.0178	88.8	70 - 130
Trichloroethylene	0.0200	0.0176	87.9	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.0180	90.1	70 - 130
1,2,3-Trichloropropane	0.0200	0.0191	95.7	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0200	0.0209	104	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.0201	100	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.0185	92.6	70 - 130
Vinyl Chloride	0.0200	0.0165	82.7	40 - 130
m+p Xylene	0.0400	0.0375	93.7	70 - 130
o-Xylene	0.0200	0.0181	90.5	70 - 130

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
Acetone	0.200	0.162	81.0	1.17	25	70 - 160
Acrylonitrile	0.0200	0.0207	104	7.10	25	70 - 130
tert-Amyl Methyl Ether (TAME)	0.0200	0.0202	101	2.51	25	70 - 130
Benzene	0.0200	0.0210	105	7.50	25	70 - 130
Bromobenzene	0.0200	0.0201	100	8.08	25	70 - 130
Bromochloromethane	0.0200	0.0243	122	6.10	25	70 - 130
Bromodichloromethane	0.0200	0.0181	90.4	4.76	25	70 - 130
Bromoform	0.0200	0.0196	97.8	3.96	25	70 - 130
Bromomethane	0.0200	0.0163	81.7	17.1	25	40 - 130
2-Butanone (MEK)	0.200	0.179	89.5	4.62	25	70 - 160
tert-Butyl Alcohol (TBA)	0.200	0.243	121	8.69	25	40 - 130
n-Butylbenzene	0.0200	0.0215	108	6.63	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Preparation: SW-846 5035

Batch: B064751

Laboratory ID: B064751-BSD1

Column: Initial/Final: 5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	%	QC LIMITS	
					RPD	REC.
sec-Butylbenzene	0.0200	0.0225	113	5.94	25	70 - 130
tert-Butylbenzene	0.0200	0.0216	108	4.16	25	70 - 160
tert-Butyl Ethyl Ether (TBEE)	0.0200	0.0207	103	5.67	25	70 - 130
Carbon Disulfide	0.0200	0.0187	93.7	4.47	25	70 - 130
Carbon Tetrachloride	0.0200	0.0292	146	*	25	70 - 130
Chlorobenzene	0.0200	0.0202	101	5.18	25	70 - 130
Chlorodibromomethane	0.0200	0.0192	96.0	6.12	25	70 - 130
Chloroethane	0.0200	0.0200	100	4.29	25	70 - 130
Chloroform	0.0200	0.0205	102	5.93	25	70 - 130
Chloromethane	0.0200	0.0208	104	7.81	25	70 - 130
2-Chlorotoluene	0.0200	0.0195	97.3	6.25	25	70 - 130
4-Chlorotoluene	0.0200	0.0194	96.8	7.06	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	0.0200	0.0200	99.8	8.46	25	70 - 130
1,2-Dibromoethane (EDB)	0.0200	0.0212	106	8.06	25	70 - 130
Dibromomethane	0.0200	0.0189	94.4	7.13	25	70 - 130
1,2-Dichlorobenzene	0.0200	0.0204	102	5.74	25	70 - 130
1,3-Dichlorobenzene	0.0200	0.0207	103	5.26	25	70 - 130
1,4-Dichlorobenzene	0.0200	0.0215	108	6.63	25	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.0161	80.6	3.41	25	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0200	0.0138	69.1	7.51	25	40 - 160
1,1-Dichloroethane	0.0200	0.0205	102	8.24	25	70 - 130
1,2-Dichloroethane	0.0200	0.0171	85.7	8.26	25	70 - 130
1,1-Dichloroethylene	0.0200	0.0188	93.8	6.49	25	70 - 130
cis-1,2-Dichloroethylene	0.0200	0.0215	107	8.75	25	70 - 130
trans-1,2-Dichloroethylene	0.0200	0.0216	108	9.30	25	70 - 130
1,2-Dichloropropane	0.0200	0.0188	93.9	9.25	25	70 - 130
1,3-Dichloropropane	0.0200	0.0186	93.0	6.67	25	70 - 130
2,2-Dichloropropane	0.0200	0.0236	118	4.32	25	70 - 130
1,1-Dichloropropene	0.0200	0.0206	103	8.08	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Preparation: SW-846 5035

Batch: B064751

Laboratory ID: B064751-BSD1

Column: Initial/Final: 5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
cis-1,3-Dichloropropene	0.0200	0.0175	87.6	6.00	25	70 - 130
trans-1,3-Dichloropropene	0.0200	0.0178	89.0	5.42	25	70 - 130
Diethyl Ether	0.0200	0.0200	99.9	3.88	25	70 - 130
Diisopropyl Ether (DIPE)	0.0200	0.0225	112	6.62	25	70 - 130
1,4-Dioxane	0.200	0.222	111	19.9	50	40 - 160
Ethylbenzene	0.0200	0.0201	101	6.57	25	70 - 130
Hexachlorobutadiene	0.0200	0.0208	104	7.58	25	70 - 160
2-Hexanone (MBK)	0.200	0.171	85.4	5.56	25	70 - 160
Isopropylbenzene (Cumene)	0.0200	0.0206	103	7.26	25	70 - 130
p-Isopropyltoluene (p-Cymene)	0.0200	0.0231	115	6.45	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	0.0200	0.0206	103	3.56	25	70 - 130
Methylene Chloride	0.0200	0.0174	86.9	7.89	25	40 - 160
4-Methyl-2-pentanone (MIBK)	0.200	0.180	90.0	6.78	25	70 - 160
Naphthalene	0.0200	0.0151	75.7	10.9	25	40 - 130
n-Propylbenzene	0.0200	0.0205	103	6.65	25	70 - 130
Styrene	0.0200	0.0193	96.4	7.09	25	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.0206	103	5.39	25	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.0197	98.6	2.99	25	70 - 130
Tetrachloroethylene	0.0200	0.0198	98.9	9.31	25	70 - 130
Tetrahydrofuran	0.0200	0.0199	99.7	8.73	25	70 - 130
Toluene	0.0200	0.0184	92.2	10.0	25	70 - 130
1,2,3-Trichlorobenzene	0.0200	0.0180	89.8	9.32	25	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.0185	92.5	10.8	25	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.0210	105	10.3	25	70 - 130
1,1,1-Trichloroethane	0.0200	0.0219	109	5.45	25	70 - 130
1,1,2-Trichloroethane	0.0200	0.0193	96.4	8.21	25	70 - 130
Trichloroethylene	0.0200	0.0193	96.3	9.12	25	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.0195	97.6	7.99	25	70 - 130
1,2,3-Trichloropropane	0.0200	0.0204	102	6.37	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Preparation: SW-846 5035

Batch: B064751

Laboratory ID: B064751-BSD1

Column: Initial/Final: 5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0200	0.0225	113	7.65	25	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.0213	107	5.89	25	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.0199	99.6	7.28	25	70 - 130
Vinyl Chloride	0.0200	0.0174	86.9	4.95	25	40 - 130
m+p Xylene	0.0400	0.0401	100	6.80	25	70 - 130
o-Xylene	0.0200	0.0193	96.7	6.62	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Preparation: SW-846 5035

Batch: B064804

Laboratory ID: B064804-BS1

Column: Initial/Final: 5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
Acetone	0.200	0.163	81.6	70 - 160
Acrylonitrile	0.0200	0.0219	109	70 - 130
tert-Amyl Methyl Ether (TAME)	0.0200	0.0203	102	70 - 130
Benzene	0.0200	0.0209	104	70 - 130
Bromobenzene	0.0200	0.0195	97.4	70 - 130
Bromochloromethane	0.0200	0.0247	124	70 - 130
Bromodichloromethane	0.0200	0.0198	99.1	70 - 130
Bromoform	0.0200	0.0193	96.7	70 - 130
Bromomethane	0.0200	0.0146	73.2	40 - 130
2-Butanone (MEK)	0.200	0.194	97.1	70 - 160
tert-Butyl Alcohol (TBA)	0.200	0.231	116	40 - 130
n-Butylbenzene	0.0200	0.0215	108	70 - 130
sec-Butylbenzene	0.0200	0.0223	112	70 - 130
tert-Butylbenzene	0.0200	0.0212	106	70 - 160
tert-Butyl Ethyl Ether (TBEE)	0.0200	0.0200	100	70 - 130
Carbon Disulfide	0.0200	0.0186	93.0	70 - 130
Carbon Tetrachloride	0.0200	0.0282	141 *	70 - 130
Chlorobenzene	0.0200	0.0199	99.4	70 - 130
Chlorodibromomethane	0.0200	0.0198	98.8	70 - 130
Chloroethane	0.0200	0.0188	93.8	70 - 130
Chloroform	0.0200	0.0202	101	70 - 130
Chloromethane	0.0200	0.0189	94.5	70 - 130
2-Chlorotoluene	0.0200	0.0189	94.3	70 - 130
4-Chlorotoluene	0.0200	0.0192	96.1	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	0.0200	0.0194	97.1	70 - 130
1,2-Dibromoethane (EDB)	0.0200	0.0221	111	70 - 130
Dibromomethane	0.0200	0.0194	97.2	70 - 130
1,2-Dichlorobenzene	0.0200	0.0205	102	70 - 130
1,3-Dichlorobenzene	0.0200	0.0202	101	70 - 130
1,4-Dichlorobenzene	0.0200	0.0210	105	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.0173	86.4	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Preparation: SW-846 5035

Batch: B064804

Laboratory ID: B064804-BS1

Column: Initial/Final: 5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
Dichlorodifluoromethane (Freon 12)	0.0200	0.0118	59.0	40 - 160
1,1-Dichloroethane	0.0200	0.0200	99.9	70 - 130
1,2-Dichloroethane	0.0200	0.0181	90.5	70 - 130
1,1-Dichloroethylene	0.0200	0.0181	90.6	70 - 130
cis-1,2-Dichloroethylene	0.0200	0.0214	107	70 - 130
trans-1,2-Dichloroethylene	0.0200	0.0208	104	70 - 130
1,2-Dichloropropane	0.0200	0.0189	94.6	70 - 130
1,3-Dichloropropane	0.0200	0.0196	97.9	70 - 130
2,2-Dichloropropane	0.0200	0.0215	108	70 - 130
1,1-Dichloropropene	0.0200	0.0202	101	70 - 130
cis-1,3-Dichloropropene	0.0200	0.0180	89.9	70 - 130
trans-1,3-Dichloropropene	0.0200	0.0180	89.9	70 - 130
Diethyl Ether	0.0200	0.0211	105	70 - 130
Diisopropyl Ether (DIPE)	0.0200	0.0225	112	70 - 130
1,4-Dioxane	0.200	0.236	118	40 - 160
Ethylbenzene	0.0200	0.0197	98.5	70 - 130
Hexachlorobutadiene	0.0200	0.0211	105	70 - 160
2-Hexanone (MBK)	0.200	0.193	96.3	70 - 160
Isopropylbenzene (Cumene)	0.0200	0.0200	99.8	70 - 130
p-Isopropyltoluene (p-Cymene)	0.0200	0.0224	112	70 - 130
Methyl tert-Butyl Ether (MTBE)	0.0200	0.0209	105	70 - 130
Methylene Chloride	0.0200	0.0175	87.4	40 - 160
4-Methyl-2-pentanone (MIBK)	0.200	0.203	101	70 - 160
Naphthalene	0.0200	0.0166	82.8	40 - 130
n-Propylbenzene	0.0200	0.0201	100	70 - 130
Styrene	0.0200	0.0188	93.8	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.0200	100	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.0208	104	70 - 130
Tetrachloroethylene	0.0200	0.0200	100	70 - 130
Tetrahydrofuran	0.0200	0.0235	118	70 - 130
Toluene	0.0200	0.0182	90.9	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Preparation: SW-846 5035

Batch: B064804

Laboratory ID: B064804-BS1

Column:

Initial/Final: 5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
1,2,3-Trichlorobenzene	0.0200	0.0192	95.8	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.0193	96.5	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.0207	103	70 - 130
1,1,1-Trichloroethane	0.0200	0.0211	106	70 - 130
1,1,2-Trichloroethane	0.0200	0.0198	99.1	70 - 130
Trichloroethylene	0.0200	0.0190	95.2	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.0195	97.3	70 - 130
1,2,3-Trichloropropane	0.0200	0.0209	104	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0200	0.0223	112	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.0211	105	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.0192	96.2	70 - 130
Vinyl Chloride	0.0200	0.0163	81.7	40 - 130
m+p Xylene	0.0400	0.0390	97.4	70 - 130
o-Xylene	0.0200	0.0188	94.1	70 - 130

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
Acetone	0.200	0.166	83.2	1.86	25	70 - 160
Acrylonitrile	0.0200	0.0218	109	0.366	25	70 - 130
tert-Amyl Methyl Ether (TAME)	0.0200	0.0196	97.8	3.91	25	70 - 130
Benzene	0.0200	0.0214	107	2.36	25	70 - 130
Bromobenzene	0.0200	0.0206	103	5.78	25	70 - 130
Bromochloromethane	0.0200	0.0241	121	2.54	25	70 - 130
Bromodichloromethane	0.0200	0.0185	92.5	6.89	25	70 - 130
Bromoform	0.0200	0.0197	98.7	2.05	25	70 - 130
Bromomethane	0.0200	0.0165	82.6	12.1	25	40 - 130
2-Butanone (MEK)	0.200	0.194	97.2	0.0926	25	70 - 160
tert-Butyl Alcohol (TBA)	0.200	0.239	119	3.28	25	40 - 130
n-Butylbenzene	0.0200	0.0219	109	1.57	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Preparation: SW-846 5035

Batch: B064804

Laboratory ID: B064804-BSD1

Column: Initial/Final: 5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
sec-Butylbenzene	0.0200	0.0234	117	4.55	25	70 - 130
tert-Butylbenzene	0.0200	0.0223	111	4.97	25	70 - 160
tert-Butyl Ethyl Ether (TBEE)	0.0200	0.0199	99.5	0.701	25	70 - 130
Carbon Disulfide	0.0200	0.0186	93.2	0.215	25	70 - 130
Carbon Tetrachloride	0.0200	0.0285	143	*	25	70 - 130
Chlorobenzene	0.0200	0.0207	103	3.85	25	70 - 130
Chlorodibromomethane	0.0200	0.0191	95.3	3.61	25	70 - 130
Chloroethane	0.0200	0.0195	97.4	3.77	25	70 - 130
Chloroform	0.0200	0.0204	102	0.984	25	70 - 130
Chloromethane	0.0200	0.0197	98.6	4.25	25	70 - 130
2-Chlorotoluene	0.0200	0.0198	98.9	4.76	25	70 - 130
4-Chlorotoluene	0.0200	0.0199	99.3	3.28	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	0.0200	0.0199	99.6	2.54	25	70 - 130
1,2-Dibromoethane (EDB)	0.0200	0.0216	108	2.19	25	70 - 130
Dibromomethane	0.0200	0.0197	98.7	1.53	25	70 - 130
1,2-Dichlorobenzene	0.0200	0.0208	104	1.55	25	70 - 130
1,3-Dichlorobenzene	0.0200	0.0208	104	2.73	25	70 - 130
1,4-Dichlorobenzene	0.0200	0.0216	108	2.81	25	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.0163	81.6	5.71	25	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0200	0.0122	61.2	3.66	25	40 - 160
1,1-Dichloroethane	0.0200	0.0204	102	2.08	25	70 - 130
1,2-Dichloroethane	0.0200	0.0181	90.3	0.221	25	70 - 130
1,1-Dichloroethylene	0.0200	0.0183	91.7	1.21	25	70 - 130
cis-1,2-Dichloroethylene	0.0200	0.0216	108	0.838	25	70 - 130
trans-1,2-Dichloroethylene	0.0200	0.0214	107	2.65	25	70 - 130
1,2-Dichloropropane	0.0200	0.0187	93.3	1.38	25	70 - 130
1,3-Dichloropropane	0.0200	0.0193	96.6	1.34	25	70 - 130
2,2-Dichloropropane	0.0200	0.0225	113	4.72	25	70 - 130
1,1-Dichloropropene	0.0200	0.0204	102	1.18	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Preparation: SW-846 5035

Batch: B064804

Laboratory ID: B064804-BSD1

Column: Initial/Final: 5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
cis-1,3-Dichloropropene	0.0200	0.0173	86.4	3.97	25	70 - 130
trans-1,3-Dichloropropene	0.0200	0.0172	85.9	4.55	25	70 - 130
Diethyl Ether	0.0200	0.0211	105	0.0949	25	70 - 130
Diisopropyl Ether (DIPE)	0.0200	0.0225	112	0.00	25	70 - 130
1,4-Dioxane	0.200	0.220	110	7.02	50	40 - 160
Ethylbenzene	0.0200	0.0208	104	5.43	25	70 - 130
Hexachlorobutadiene	0.0200	0.0210	105	0.476	25	70 - 160
2-Hexanone (MBK)	0.200	0.177	88.6	8.28	25	70 - 160
Isopropylbenzene (Cumene)	0.0200	0.0212	106	5.84	25	70 - 130
p-Isopropyltoluene (p-Cymene)	0.0200	0.0238	119	6.07	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	0.0200	0.0210	105	0.381	25	70 - 130
Methylene Chloride	0.0200	0.0176	88.2	0.911	25	40 - 160
4-Methyl-2-pentanone (MIBK)	0.200	0.190	94.9	6.62	25	70 - 160
Naphthalene	0.0200	0.0163	81.3	1.83	25	40 - 130
n-Propylbenzene	0.0200	0.0209	104	3.91	25	70 - 130
Styrene	0.0200	0.0199	99.5	5.90	25	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.0203	102	1.59	25	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.0205	102	1.74	25	70 - 130
Tetrachloroethylene	0.0200	0.0200	99.8	0.200	25	70 - 130
Tetrahydrofuran	0.0200	0.0247	124	4.97	25	70 - 130
Toluene	0.0200	0.0186	93.2	2.50	25	70 - 130
1,2,3-Trichlorobenzene	0.0200	0.0189	94.5	1.37	25	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.0188	93.8	2.84	25	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.0208	104	0.579	25	70 - 130
1,1,1-Trichloroethane	0.0200	0.0215	108	1.97	25	70 - 130
1,1,2-Trichloroethane	0.0200	0.0198	99.1	0.00	25	70 - 130
Trichloroethylene	0.0200	0.0191	95.6	0.419	25	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.0194	97.1	0.206	25	70 - 130
1,2,3-Trichloropropane	0.0200	0.0214	107	2.18	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Preparation: SW-846 5035

Batch: B064804

Laboratory ID: B064804-BSD1

Column: Initial/Final: 5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0200	0.0227	113	1.60	25	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.0217	108	2.99	25	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.0204	102	5.75	25	70 - 130
Vinyl Chloride	0.0200	0.0171	85.3	4.31	25	40 - 130
m+p Xylene	0.0400	0.0413	103	5.73	25	70 - 130
o-Xylene	0.0200	0.0201	101	6.78	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Water

Preparation: SW-846 5030B

Batch: B065019

Laboratory ID: B065019-BS1

Column:

Initial/Final: 5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
Acetone	100	171	171 *	70 - 160
Acrylonitrile	10.0	11.1	111	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.5	105	70 - 130
Benzene	10.0	10.6	106	70 - 130
Bromobenzene	10.0	9.61	96.1	70 - 130
Bromochloromethane	10.0	9.19	91.9	70 - 130
Bromodichloromethane	10.0	8.82	88.2	70 - 130
Bromoform	10.0	7.71	77.1	70 - 130
Bromomethane	10.0	9.19	91.9	40 - 160
2-Butanone (MEK)	100	126	126	40 - 160
tert-Butyl Alcohol (TBA)	100	107	107	40 - 160
n-Butylbenzene	10.0	9.43	94.3	70 - 130
sec-Butylbenzene	10.0	9.81	98.1	70 - 130
tert-Butylbenzene	10.0	9.71	97.1	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	10.3	103	70 - 130
Carbon Disulfide	10.0	9.83	98.3	70 - 130
Carbon Tetrachloride	10.0	10.1	101	70 - 130
Chlorobenzene	10.0	10.6	106	70 - 130
Chlorodibromomethane	10.0	8.45	84.5	70 - 130
Chloroethane	10.0	12.0	120	70 - 130
Chloroform	10.0	10.9	109	70 - 130
Chloromethane	10.0	4.21	42.1	40 - 160
2-Chlorotoluene	10.0	9.88	98.8	70 - 130
4-Chlorotoluene	10.0	10.0	100	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	7.34	73.4	70 - 130
1,2-Dibromoethane (EDB)	10.0	10.3	103	70 - 130
Dibromomethane	10.0	10.1	101	70 - 130
1,2-Dichlorobenzene	10.0	9.40	94.0	70 - 130
1,3-Dichlorobenzene	10.0	9.59	95.9	70 - 130
1,4-Dichlorobenzene	10.0	9.89	98.9	70 - 130
trans-1,4-Dichloro-2-butene	10.0	6.26	62.6 *	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Water

Preparation: SW-846 5030B

Batch: B065019

Laboratory ID: B065019-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	5.81	58.1	40 - 160
1,1-Dichloroethane	10.0	10.6	106	70 - 130
1,2-Dichloroethane	10.0	9.65	96.5	70 - 130
1,1-Dichloroethylene	10.0	9.98	99.8	70 - 130
cis-1,2-Dichloroethylene	10.0	9.73	97.3	70 - 130
trans-1,2-Dichloroethylene	10.0	10.2	102	70 - 130
1,2-Dichloropropane	10.0	9.44	94.4	70 - 130
1,3-Dichloropropane	10.0	10.0	100	70 - 130
2,2-Dichloropropane	10.0	8.74	87.4	40 - 130
1,1-Dichloropropene	10.0	10.9	109	70 - 130
cis-1,3-Dichloropropene	10.0	8.39	83.9	70 - 130
trans-1,3-Dichloropropene	10.0	8.27	82.7	70 - 130
Diethyl Ether	10.0	12.6	126	70 - 130
Diisopropyl Ether (DIPE)	10.0	10.6	106	70 - 130
1,4-Dioxane	100	119	119	40 - 130
Ethylbenzene	10.0	10.3	103	70 - 130
Hexachlorobutadiene	10.0	9.17	91.7	70 - 130
2-Hexanone (MBK)	100	93.1	93.1	70 - 160
Isopropylbenzene (Cumene)	10.0	10.1	101	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	9.93	99.3	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	11.4	114	70 - 130
Methylene Chloride	10.0	10.9	109	70 - 130
4-Methyl-2-pentanone (MIBK)	100	91.9	91.9	70 - 160
Naphthalene	10.0	8.45	84.5	40 - 130
n-Propylbenzene	10.0	10.1	101	70 - 130
Styrene	10.0	9.84	98.4	70 - 130
1,1,1,2-Tetrachloroethane	10.0	8.95	89.5	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.53	95.3	70 - 130
Tetrachloroethylene	10.0	10.9	109	70 - 130
Tetrahydrofuran	10.0	11.5	115	70 - 130
Toluene	10.0	10.6	106	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Water

Preparation: SW-846 5030B

Batch: B065019

Laboratory ID: B065019-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	8.95	89.5	70 - 130
1,2,4-Trichlorobenzene	10.0	9.00	90.0	70 - 130
1,3,5-Trichlorobenzene	10.0	9.35	93.5	70 - 130
1,1,1-Trichloroethane	10.0	10.3	103	70 - 130
1,1,2-Trichloroethane	10.0	9.64	96.4	70 - 130
Trichloroethylene	10.0	9.67	96.7	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	13.1	131 *	70 - 130
1,2,3-Trichloropropane	10.0	9.89	98.9	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	11.9	119	70 - 130
1,2,4-Trimethylbenzene	10.0	9.38	93.8	70 - 130
1,3,5-Trimethylbenzene	10.0	10.1	101	70 - 130
Vinyl Chloride	10.0	10.6	106	40 - 160
m+p Xylene	20.0	20.6	103	70 - 130
o-Xylene	10.0	10.1	101	70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	REC.
Acetone	100	168	168 *	1.79	25	70 - 160
Acrylonitrile	10.0	10.8	108	2.01	25	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	10.1	101	3.98	25	70 - 130
Benzene	10.0	10.6	106	0.188	25	70 - 130
Bromobenzene	10.0	9.73	97.3	1.24	25	70 - 130
Bromochloromethane	10.0	9.41	94.1	2.37	25	70 - 130
Bromodichloromethane	10.0	8.79	87.9	0.341	25	70 - 130
Bromoform	10.0	7.88	78.8	2.18	25	70 - 130
Bromomethane	10.0	12.8	128	33.0	25	40 - 160
2-Butanone (MEK)	100	122	122	3.69	25	40 - 160
tert-Butyl Alcohol (TBA)	100	107	107	0.00932	25	40 - 160
n-Butylbenzene	10.0	9.31	93.1	1.28	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Water

Preparation: SW-846 5030B

Batch: B065019

Laboratory ID: B065019-BSD1

Column:

Initial/Final: 5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
sec-Butylbenzene	10.0	10.0	100	2.22	25	70 - 130
tert-Butylbenzene	10.0	9.84	98.4	1.33	25	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	9.99	99.9	3.25	25	70 - 130
Carbon Disulfide	10.0	10.5	105	6.50	25	70 - 130
Carbon Tetrachloride	10.0	9.88	98.8	2.40	25	70 - 130
Chlorobenzene	10.0	10.6	106	0.284	25	70 - 130
Chlorodibromomethane	10.0	8.62	86.2	1.99	25	70 - 130
Chloroethane	10.0	12.8	128	6.45	25	70 - 130
Chloroform	10.0	11.0	110	1.19	25	70 - 130
Chloromethane	10.0	5.22	52.2	21.4	25	40 - 160
2-Chlorotoluene	10.0	9.99	99.9	1.11	25	70 - 130
4-Chlorotoluene	10.0	9.85	98.5	1.81	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	7.79	77.9	5.95	25	70 - 130
1,2-Dibromoethane (EDB)	10.0	10.2	102	1.08	25	70 - 130
Dibromomethane	10.0	9.98	99.8	1.59	25	70 - 130
1,2-Dichlorobenzene	10.0	9.45	94.5	0.531	25	70 - 130
1,3-Dichlorobenzene	10.0	9.57	95.7	0.209	25	70 - 130
1,4-Dichlorobenzene	10.0	10.2	102	2.59	25	70 - 130
trans-1,4-Dichloro-2-butene	10.0	6.43	64.3	*	25	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	5.91	59.1	1.71	25	40 - 160
1,1-Dichloroethane	10.0	10.4	104	1.82	25	70 - 130
1,2-Dichloroethane	10.0	9.76	97.6	1.13	25	70 - 130
1,1-Dichloroethylene	10.0	9.88	98.8	1.01	25	70 - 130
cis-1,2-Dichloroethylene	10.0	9.86	98.6	1.33	25	70 - 130
trans-1,2-Dichloroethylene	10.0	10.1	101	0.889	25	70 - 130
1,2-Dichloropropane	10.0	9.35	93.5	0.958	25	70 - 130
1,3-Dichloropropane	10.0	10.2	102	2.37	25	70 - 130
2,2-Dichloropropane	10.0	8.62	86.2	1.38	25	40 - 130
1,1-Dichloropropene	10.0	10.8	108	0.551	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Water

Preparation: SW-846 5030B

Batch: B065019

Laboratory ID: B065019-BSD1

Column:

Initial/Final: 5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
cis-1,3-Dichloropropene	10.0	8.24	82.4	1.80	25	70 - 130
trans-1,3-Dichloropropene	10.0	8.21	82.1	0.728	25	70 - 130
Diethyl Ether	10.0	12.4	124	1.36	25	70 - 130
Diisopropyl Ether (DIPE)	10.0	10.2	102	3.74	25	70 - 130
1,4-Dioxane	100	116	116	2.65	50	40 - 130
Ethylbenzene	10.0	10.6	106	2.88	25	70 - 130
Hexachlorobutadiene	10.0	9.10	91.0	0.766	25	70 - 130
2-Hexanone (MBK)	100	92.4	92.4	0.690	25	70 - 160
Isopropylbenzene (Cumene)	10.0	10.2	102	1.08	25	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	10.0	100	0.702	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	11.2	112	1.85	25	70 - 130
Methylene Chloride	10.0	10.7	107	1.76	25	70 - 130
4-Methyl-2-pentanone (MIBK)	100	92.8	92.8	1.02	25	70 - 160
Naphthalene	10.0	8.88	88.8	4.96	25	40 - 130
n-Propylbenzene	10.0	10.1	101	0.0992	25	70 - 130
Styrene	10.0	9.83	98.3	0.102	25	70 - 130
1,1,1,2-Tetrachloroethane	10.0	8.79	87.9	1.80	25	70 - 130
1,1,2,2-Tetrachloroethane	10.0	9.53	95.3	0.00	25	70 - 130
Tetrachloroethylene	10.0	11.0	110	1.19	25	70 - 130
Tetrahydrofuran	10.0	12.6	126	8.94	25	70 - 130
Toluene	10.0	10.4	104	1.62	25	70 - 130
1,2,3-Trichlorobenzene	10.0	9.25	92.5	3.30	25	70 - 130
1,2,4-Trichlorobenzene	10.0	9.24	92.4	2.63	25	70 - 130
1,3,5-Trichlorobenzene	10.0	9.37	93.7	0.214	25	70 - 130
1,1,1-Trichloroethane	10.0	10.2	102	0.879	25	70 - 130
1,1,2-Trichloroethane	10.0	9.64	96.4	0.00	25	70 - 130
Trichloroethylene	10.0	10.1	101	4.05	25	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	13.3	133	*	25	70 - 130
1,2,3-Trichloropropane	10.0	9.83	98.3	0.609	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Water

Preparation: SW-846 5030B

Batch: B065019

Laboratory ID: B065019-BSD1

Column: Initial/Final: 5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	12.1	121	2.00	25	70 - 130
1,2,4-Trimethylbenzene	10.0	9.41	94.1	0.319	25	70 - 130
1,3,5-Trimethylbenzene	10.0	9.77	97.7	3.42	25	70 - 130
Vinyl Chloride	10.0	10.6	106	0.189	25	40 - 160
m+p Xylene	20.0	21.1	105	2.40	25	70 - 130
o-Xylene	10.0	10.4	104	2.63	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Matrix:	Soil	Preparation:	SW-846 5035
Batch:	B065047	Laboratory ID:	B065047-BS1
Column:		Initial/Final:	15 g / 17 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
Acetone	0.113	0.193	171 *	70 - 160
Acrylonitrile	0.0113	0.0125	111	70 - 130
tert-Amyl Methyl Ether (TAME)	0.0113	0.0119	105	70 - 130
Benzene	0.0113	0.0120	106	70 - 130
Bromobenzene	0.0113	0.0109	96.1	70 - 130
Bromochloromethane	0.0113	0.0104	91.9	70 - 130
Bromodichloromethane	0.0113	0.0100	88.2	70 - 130
Bromoform	0.0113	0.00874	77.1	70 - 130
Bromomethane	0.0113	0.0104	91.9	40 - 130
2-Butanone (MEK)	0.113	0.143	126	70 - 160
tert-Butyl Alcohol (TBA)	0.113	0.122	107	40 - 130
n-Butylbenzene	0.0113	0.0107	94.3	70 - 130
sec-Butylbenzene	0.0113	0.0111	98.1	70 - 130
tert-Butylbenzene	0.0113	0.0110	97.1	70 - 160
tert-Butyl Ethyl Ether (TBEE)	0.0113	0.0117	103	70 - 130
Carbon Disulfide	0.0113	0.0111	98.3	70 - 130
Carbon Tetrachloride	0.0113	0.0115	101	70 - 130
Chlorobenzene	0.0113	0.0120	106	70 - 130
Chlorodibromomethane	0.0113	0.00958	84.5	70 - 130
Chloroethane	0.0113	0.0136	120	70 - 130
Chloroform	0.0113	0.0123	109	70 - 130
Chloromethane	0.0113	0.00477	42.1 *	70 - 130
2-Chlorotoluene	0.0113	0.0112	98.8	70 - 130
4-Chlorotoluene	0.0113	0.0114	100	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	0.0113	0.00832	73.4	70 - 130
1,2-Dibromoethane (EDB)	0.0113	0.0117	103	70 - 130
Dibromomethane	0.0113	0.0115	101	70 - 130
1,2-Dichlorobenzene	0.0113	0.0107	94.0	70 - 130
1,3-Dichlorobenzene	0.0113	0.0109	95.9	70 - 130
1,4-Dichlorobenzene	0.0113	0.0112	98.9	70 - 130
trans-1,4-Dichloro-2-butene	0.0113	0.00709	62.6 *	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Preparation: SW-846 5035

Batch: B065047

Laboratory ID: B065047-BS1

Column: Initial/Final: 15 g / 17 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
Dichlorodifluoromethane (Freon 12)	0.0113	0.00658	58.1	40 - 160
1,1-Dichloroethane	0.0113	0.0120	106	70 - 130
1,2-Dichloroethane	0.0113	0.0109	96.5	70 - 130
1,1-Dichloroethylene	0.0113	0.0113	99.8	70 - 130
cis-1,2-Dichloroethylene	0.0113	0.0110	97.3	70 - 130
trans-1,2-Dichloroethylene	0.0113	0.0115	102	70 - 130
1,2-Dichloropropane	0.0113	0.0107	94.4	70 - 130
1,3-Dichloropropane	0.0113	0.0113	100	70 - 130
2,2-Dichloropropane	0.0113	0.00991	87.4	70 - 130
1,1-Dichloropropene	0.0113	0.0124	109	70 - 130
cis-1,3-Dichloropropene	0.0113	0.00951	83.9	70 - 130
trans-1,3-Dichloropropene	0.0113	0.00937	82.7	70 - 130
Diethyl Ether	0.0113	0.0142	126	70 - 130
Diisopropyl Ether (DIPE)	0.0113	0.0120	106	70 - 130
1,4-Dioxane	0.113	0.135	119	40 - 160
Ethylbenzene	0.0113	0.0116	103	70 - 130
Hexachlorobutadiene	0.0113	0.0104	91.7	70 - 160
2-Hexanone (MBK)	0.113	0.106	93.1	70 - 160
Isopropylbenzene (Cumene)	0.0113	0.0114	101	70 - 130
p-Isopropyltoluene (p-Cymene)	0.0113	0.0113	99.3	70 - 130
Methyl tert-Butyl Ether (MTBE)	0.0113	0.0130	114	70 - 130
Methylene Chloride	0.0113	0.0124	109	40 - 160
4-Methyl-2-pentanone (MIBK)	0.113	0.104	91.9	70 - 160
Naphthalene	0.0113	0.00958	84.5	40 - 130
n-Propylbenzene	0.0113	0.0114	101	70 - 130
Styrene	0.0113	0.0112	98.4	70 - 130
1,1,1,2-Tetrachloroethane	0.0113	0.0101	89.5	70 - 130
1,1,2,2-Tetrachloroethane	0.0113	0.0108	95.3	70 - 130
Tetrachloroethylene	0.0113	0.0123	109	70 - 130
Tetrahydrofuran	0.0113	0.0131	115	70 - 130
Toluene	0.0113	0.0120	106	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Preparation: SW-846 5035

Batch: B065047

Laboratory ID: B065047-BS1

Column: Initial/Final: 15 g / 17 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
1,2,3-Trichlorobenzene	0.0113	0.0101	89.5	70 - 130
1,2,4-Trichlorobenzene	0.0113	0.0102	90.0	70 - 130
1,3,5-Trichlorobenzene	0.0113	0.0106	93.5	70 - 130
1,1,1-Trichloroethane	0.0113	0.0117	103	70 - 130
1,1,2-Trichloroethane	0.0113	0.0109	96.4	70 - 130
Trichloroethylene	0.0113	0.0110	96.7	70 - 130
Trichlorofluoromethane (Freon 11)	0.0113	0.0148	131 *	70 - 130
1,2,3-Trichloropropane	0.0113	0.0112	98.9	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0113	0.0135	119	70 - 130
1,2,4-Trimethylbenzene	0.0113	0.0106	93.8	70 - 130
1,3,5-Trimethylbenzene	0.0113	0.0115	101	70 - 130
Vinyl Chloride	0.0113	0.0120	106	40 - 130
m+p Xylene	0.0227	0.0233	103	70 - 130
o-Xylene	0.0113	0.0115	101	70 - 130

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	REC.
Acetone	0.113	0.190	168 *	1.79	25	70 - 160
Acrylonitrile	0.0113	0.0123	108	2.01	25	70 - 130
tert-Amyl Methyl Ether (TAME)	0.0113	0.0114	101	3.98	25	70 - 130
Benzene	0.0113	0.0120	106	0.188	25	70 - 130
Bromobenzene	0.0113	0.0110	97.3	1.24	25	70 - 130
Bromochloromethane	0.0113	0.0107	94.1	2.37	25	70 - 130
Bromodichloromethane	0.0113	0.00996	87.9	0.341	25	70 - 130
Bromoform	0.0113	0.00893	78.8	2.18	25	70 - 130
Bromomethane	0.0113	0.0145	128	33.0	25	40 - 130
2-Butanone (MEK)	0.113	0.138	122	3.69	25	70 - 160
tert-Butyl Alcohol (TBA)	0.113	0.122	107	0.00930	25	40 - 130
n-Butylbenzene	0.0113	0.0106	93.1	1.28	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Preparation: SW-846 5035

Batch: B065047

Laboratory ID: B065047-BSD1

Column: Initial/Final: 15 g / 17 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	%	QC LIMITS	
					RPD	REC.
sec-Butylbenzene	0.0113	0.0114	100	2.22	25	70 - 130
tert-Butylbenzene	0.0113	0.0112	98.4	1.33	25	70 - 160
tert-Butyl Ethyl Ether (TBEE)	0.0113	0.0113	99.9	3.25	25	70 - 130
Carbon Disulfide	0.0113	0.0119	105	6.50	25	70 - 130
Carbon Tetrachloride	0.0113	0.0112	98.8	2.40	25	70 - 130
Chlorobenzene	0.0113	0.0120	106	0.284	25	70 - 130
Chlorodibromomethane	0.0113	0.00977	86.2	1.99	25	70 - 130
Chloroethane	0.0113	0.0145	128	6.45	25	70 - 130
Chloroform	0.0113	0.0125	110	1.19	25	70 - 130
Chloromethane	0.0113	0.00592	52.2	*	21.4	70 - 130
2-Chlorotoluene	0.0113	0.0113	99.9	1.11	25	70 - 130
4-Chlorotoluene	0.0113	0.0112	98.5	1.81	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	0.0113	0.00883	77.9	5.95	25	70 - 130
1,2-Dibromoethane (EDB)	0.0113	0.0115	102	1.08	25	70 - 130
Dibromomethane	0.0113	0.0113	99.8	1.59	25	70 - 130
1,2-Dichlorobenzene	0.0113	0.0107	94.5	0.531	25	70 - 130
1,3-Dichlorobenzene	0.0113	0.0108	95.7	0.209	25	70 - 130
1,4-Dichlorobenzene	0.0113	0.0115	102	2.59	25	70 - 130
trans-1,4-Dichloro-2-butene	0.0113	0.00729	64.3	*	2.68	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0113	0.00670	59.1	1.71	25	40 - 160
1,1-Dichloroethane	0.0113	0.0118	104	1.82	25	70 - 130
1,2-Dichloroethane	0.0113	0.0111	97.6	1.13	25	70 - 130
1,1-Dichloroethylene	0.0113	0.0112	98.8	1.01	25	70 - 130
cis-1,2-Dichloroethylene	0.0113	0.0112	98.6	1.33	25	70 - 130
trans-1,2-Dichloroethylene	0.0113	0.0114	101	0.889	25	70 - 130
1,2-Dichloropropane	0.0113	0.0106	93.5	0.958	25	70 - 130
1,3-Dichloropropane	0.0113	0.0116	103	2.37	25	70 - 130
2,2-Dichloropropane	0.0113	0.00977	86.2	1.38	25	70 - 130
1,1-Dichloropropene	0.0113	0.0123	109	0.551	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Preparation: SW-846 5035

Batch: B065047

Laboratory ID: B065047-BSD1

Column: Initial/Final: 15 g / 17 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
cis-1,3-Dichloropropene	0.0113	0.00934	82.4	1.80	25	70 - 130
trans-1,3-Dichloropropene	0.0113	0.00930	82.1	0.728	25	70 - 130
Diethyl Ether	0.0113	0.0141	124	1.36	25	70 - 130
Diisopropyl Ether (DIPE)	0.0113	0.0116	102	3.74	25	70 - 130
1,4-Dioxane	0.113	0.131	116	2.65	50	40 - 160
Ethylbenzene	0.0113	0.0120	106	2.88	25	70 - 130
Hexachlorobutadiene	0.0113	0.0103	91.0	0.766	25	70 - 160
2-Hexanone (MBK)	0.113	0.105	92.5	0.690	25	70 - 160
Isopropylbenzene (Cumene)	0.0113	0.0116	102	1.08	25	70 - 130
p-Isopropyltoluene (p-Cymene)	0.0113	0.0113	100	0.702	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	0.0113	0.0127	112	1.85	25	70 - 130
Methylene Chloride	0.0113	0.0121	107	1.76	25	40 - 160
4-Methyl-2-pentanone (MIBK)	0.113	0.105	92.8	1.02	25	70 - 160
Naphthalene	0.0113	0.0101	88.8	4.96	25	40 - 130
n-Propylbenzene	0.0113	0.0114	101	0.0991	25	70 - 130
Styrene	0.0113	0.0111	98.3	0.102	25	70 - 130
1,1,1,2-Tetrachloroethane	0.0113	0.00996	87.9	1.80	25	70 - 130
1,1,2,2-Tetrachloroethane	0.0113	0.0108	95.3	0.00	25	70 - 130
Tetrachloroethylene	0.0113	0.0125	110	1.19	25	70 - 130
Tetrahydrofuran	0.0113	0.0143	126	8.94	25	70 - 130
Toluene	0.0113	0.0118	104	1.62	25	70 - 130
1,2,3-Trichlorobenzene	0.0113	0.0105	92.5	3.30	25	70 - 130
1,2,4-Trichlorobenzene	0.0113	0.0105	92.4	2.63	25	70 - 130
1,3,5-Trichlorobenzene	0.0113	0.0106	93.7	0.214	25	70 - 130
1,1,1-Trichloroethane	0.0113	0.0115	102	0.879	25	70 - 130
1,1,2-Trichloroethane	0.0113	0.0109	96.4	0.00	25	70 - 130
Trichloroethylene	0.0113	0.0114	101	4.05	25	70 - 130
Trichlorofluoromethane (Freon 11)	0.0113	0.0151	133	*	25	70 - 130
1,2,3-Trichloropropane	0.0113	0.0111	98.3	0.609	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Preparation: SW-846 5035

Batch: B065047

Laboratory ID: B065047-BSD1

Column: Initial/Final: 15 g / 17 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0113	0.0137	121	2.00	25	70 - 130
1,2,4-Trimethylbenzene	0.0113	0.0107	94.1	0.319	25	70 - 130
1,3,5-Trimethylbenzene	0.0113	0.0111	97.7	3.42	25	70 - 130
Vinyl Chloride	0.0113	0.0120	106	0.189	25	40 - 130
m+p Xylene	0.0227	0.0239	105	2.40	25	70 - 130
o-Xylene	0.0113	0.0118	104	2.63	25	70 - 130

3 - FORM III**LCS / LCS DUPLICATE RECOVERY****SW-846 8260C**

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Preparation: SW-846 5035

Batch: B065048

Laboratory ID: B065048-BS1

Column:

Initial/Final: 15 g / 17 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC.	QC LIMITS REC.
cis-1,2-Dichloroethylene	0.0113	0.0110	97.3	70 - 130

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS RPD	REC.
cis-1,2-Dichloroethylene	0.0113	0.0112	98.6	1.33	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Water

Preparation: SW-846 5030B

Batch: B065205

Laboratory ID: B065205-BS1

Column:

Initial/Final: 5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
Vinyl Chloride	10.0	9.82	98.2	40 - 160

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	RPD	QC LIMITS REC.
Vinyl Chloride	10.0	10.3	103	5.06	25	40 - 160

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Water

Preparation: SW-846 5030B

Batch: B065223

Laboratory ID: B065223-BS1

Column:

Initial/Final: 5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
cis-1,2-Dichloroethylene	10.0	10.5	105	70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	RPD	QC LIMITS REC.
cis-1,2-Dichloroethylene	10.0	10.8	108	2.45	25	70 - 130

4 - FORM IV METHOD BLANK SUMMARY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Blank ID: B064499-BLK1

Batch: B064499

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
TB-4	12L0458-11	VB353050.D	16:35
FB-3	12L0458-10	VB353049.D	16:05
LCS Dup	B064499-BSD1	VB353039.D	10:56
LCS	B064499-BS1	VB353038.D	10:25

4 - FORM IV METHOD BLANK SUMMARY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Blank ID: B064751-BLK1

Batch: B064751

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
LCS Dup	B064751-BSD1	VA352006.D	07:08
LCS	B064751-BS1	VA352005.D	06:41
B-25 (5-6ft)	12L0458-04	VA352022.D	14:22
B-27 (3-4ft)	12L0458-02	VA352020.D	13:28
B-26 (6-8ft)	12L0458-01	VA352019.D	13:01

4 - FORM IV METHOD BLANK SUMMARY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Blank ID: B064804-BLK1

Batch: B064804

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
LCS Dup	B064804-BSD1	VA353006.D	07:07
LCS	B064804-BS1	VA353005.D	06:40
B-22 (0-4ft)	12L0458-03	VA353009.D	08:30

4 - FORM IV METHOD BLANK SUMMARY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Blank ID: B065019-BLK1

Batch: B065019

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
LCS Dup	B065019-BSD1	ve355034.D	03:14
LCS	B065019-BS1	ve355033.D	02:48
B-14	12L0458-09	ve355049.D	09:45
CB-1	12L0458-08	ve355048.D	09:19
CB-2	12L0458-07	ve355047.D	08:53
Cistern	12L0458-06	ve355046.D	08:27

4 - FORM IV METHOD BLANK SUMMARY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Blank ID: B065047-BLK1

Batch: B065047

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
LCS Dup	B065047-BSD1	ve355034.D	03:14
LCS	B065047-BS1	ve355033.D	02:48
Cistern	12L0458-05	ve355058.D	13:40

4 - FORM IV METHOD BLANK SUMMARY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Blank ID: B065048-BLK1

Batch: B065048

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
LCS Dup	B065048-BSD1	ve355034.D	03:14
LCS	B065048-BS1	ve355033.D	02:48
B-27 (3-4ft)	12L0458-02	ve355059.D	14:06

4 - FORM IV METHOD BLANK SUMMARY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Blank ID: B065205-BLK1

Batch: B065205

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
B-14	12L0458-09RE1	ve358012.D	12:14
LCS Dup	B065205-BSD1	ve358006.D	09:38
LCS	B065205-BS1	ve358005.D	09:12

4 - FORM IV METHOD BLANK SUMMARY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Blank ID: B065223-BLK1

Batch: B065223

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
LCS Dup	B065223-BSD1	ve354039.D	00:59
LCS	B065223-BS1	ve354038.D	00:33
Cistern	12L0458-06RE1	ve354042.D	02:17

5 - FORM V INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory	Work Order: 12L0458
Client: CDM Smith, Inc. - NY	Project: Doro Cleaners
Lab File ID: VB353036.D	Injection Date: 12/19/12
Instrument ID: GCMSVOA2	Injection Time: 09:21
Sequence: S003577	Lab Sample ID: S003577-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	17.5	PASS
75	30 - 60% of 95	48.8	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.95	PASS
173	Less than 2% of 174	0	PASS
174	50 - 200% of 95	79.2	PASS
175	5 - 9% of 174	7.57	PASS
176	95 - 101% of 174	98.4	PASS
177	5 - 9% of 176	6.85	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
Calibration Check	S003577-CCV1	VB353036.D	12/19/2012	9:21:00
LCS	B064499-BS1	VB353038.D	12/19/2012	10:25:00
LCS Dup	B064499-BSD1	VB353039.D	12/19/2012	10:56:00
Blank	B064499-BLK1	VB353041.D	12/19/2012	11:57:00
FB-3	12L0458-10	VB353049.D	12/19/2012	16:05:00
TB-4	12L0458-11	VB353050.D	12/19/2012	16:35:00

5 - FORM V INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Lab File ID:	VA352002.D	Injection Date:	12/17/12
Instrument ID:	GCMSVOA1	Injection Time:	05:16
Sequence:	S003711	Lab Sample ID:	S003711-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	18.7	PASS
75	30 - 60% of 95	45.1	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	7.09	PASS
173	Less than 2% of 174	0	PASS
174	50 - 200% of 95	91.5	PASS
175	5 - 9% of 174	7.36	PASS
176	95 - 101% of 174	97.3	PASS
177	5 - 9% of 176	7.18	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
Calibration Check	S003711-CCV1	VA352003.D	12/17/2012	5:43:00
LCS	B064751-BS1	VA352005.D	12/17/2012	6:41:00
LCS Dup	B064751-BSD1	VA352006.D	12/17/2012	7:08:00
Blank	B064751-BLK1	VA352008.D	12/17/2012	8:05:00
B-26 (6-8ft)	12L0458-01	VA352019.D	12/17/2012	13:01:00
B-27 (3-4ft)	12L0458-02	VA352020.D	12/17/2012	13:28:00
B-25 (5-6ft)	12L0458-04	VA352022.D	12/17/2012	14:22:00

5 - FORM V INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Lab File ID:	VA353002.D	Injection Date:	12/18/12
Instrument ID:	GCMSVOA1	Injection Time:	05:15
Sequence:	S003718	Lab Sample ID:	S003718-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	19.7	PASS
75	30 - 60% of 95	46.7	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.58	PASS
173	Less than 2% of 174	0.545	PASS
174	50 - 200% of 95	88.3	PASS
175	5 - 9% of 174	6.95	PASS
176	95 - 101% of 174	100	PASS
177	5 - 9% of 176	6.89	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
Calibration Check	S003718-CCV1	VA353003.D	12/18/2012	5:43:00
LCS	B064804-BS1	VA353005.D	12/18/2012	6:40:00
LCS Dup	B064804-BSD1	VA353006.D	12/18/2012	7:07:00
Blank	B064804-BLK1	VA353008.D	12/18/2012	8:03:00
B-22 (0-4ft)	12L0458-03	VA353009.D	12/18/2012	8:30:00

5 - FORM V INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Lab File ID:	ve355032.D	Injection Date:	12/21/12
Instrument ID:	GCMSVOA5	Injection Time:	02:22
Sequence:	S003719	Lab Sample ID:	S003719-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	19.7	PASS
75	30 - 60% of 95	47.9	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.96	PASS
173	Less than 2% of 174	0.7	PASS
174	50 - 200% of 95	93.4	PASS
175	5 - 9% of 174	7.36	PASS
176	95 - 101% of 174	96.8	PASS
177	5 - 9% of 176	5.9	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
Calibration Check	S003719-CCV1	ve355032.D	12/21/2012	2:22:00
LCS	B065019-BS1	ve355033.D	12/21/2012	2:48:00
LCS Dup	B065019-BSD1	ve355034.D	12/21/2012	3:14:00
Blank	B065019-BLK1	ve355037.D	12/21/2012	4:32:00
Cistern	12L0458-06	ve355046.D	12/21/2012	8:27:00
CB-2	12L0458-07	ve355047.D	12/21/2012	8:53:00
CB-1	12L0458-08	ve355048.D	12/21/2012	9:19:00
B-14	12L0458-09	ve355049.D	12/21/2012	9:45:00

5 - FORM V INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Lab File ID:	ve358003.D	Injection Date:	12/23/12
Instrument ID:	GCMSVOA5	Injection Time:	08:20
Sequence:	S003720	Lab Sample ID:	S003720-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	19.8	PASS
75	30 - 60% of 95	48.4	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.73	PASS
173	Less than 2% of 174	0.335	PASS
174	50 - 200% of 95	95	PASS
175	5 - 9% of 174	7.71	PASS
176	95 - 101% of 174	97.4	PASS
177	5 - 9% of 176	6.6	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
Calibration Check	S003720-CCV1	ve358003.D	12/23/2012	8:20:00
LCS	B065205-BS1	ve358005.D	12/23/2012	9:12:00
LCS Dup	B065205-BSD1	ve358006.D	12/23/2012	9:38:00
Blank	B065205-BLK1	ve358008.D	12/23/2012	10:30:00
B-14	12L0458-09RE1	ve358012.D	12/23/2012	12:14:00

5 - FORM V INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Lab File ID:	ve354035.D	Injection Date:	12/19/12
Instrument ID:	GCMSVOA5	Injection Time:	23:15
Sequence:	S003721	Lab Sample ID:	S003721-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	18.6	PASS
75	30 - 60% of 95	48.2	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.5	PASS
173	Less than 2% of 174	0.336	PASS
174	50 - 200% of 95	88.2	PASS
175	5 - 9% of 174	7.47	PASS
176	95 - 101% of 174	96.9	PASS
177	5 - 9% of 176	6.61	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
Calibration Check	S003721-CCV1	ve354036.D	12/19/2012	23:41:00
LCS	B065223-BS1	ve354038.D	12/20/2012	0:33:00
LCS Dup	B065223-BSD1	ve354039.D	12/20/2012	0:59:00
Blank	B065223-BLK1	ve354041.D	12/20/2012	1:51:00
Cistern	12L0458-06RE1	ve354042.D	12/20/2012	2:17:00

5 - FORM V INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory	Work Order: 12L0458
Client: CDM Smith, Inc. - NY	Project: Doro Cleaners
Lab File ID: ve355032.D	Injection Date: 12/21/12
Instrument ID: GCMSVOA5	Injection Time: 02:22
Sequence: S003722	Lab Sample ID: S003722-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	19.7	PASS
75	30 - 60% of 95	47.9	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.96	PASS
173	Less than 2% of 174	0.7	PASS
174	50 - 200% of 95	93.4	PASS
175	5 - 9% of 174	7.36	PASS
176	95 - 101% of 174	96.8	PASS
177	5 - 9% of 176	5.9	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
Calibration Check	S003722-CCV1	ve355032.D	12/21/2012	2:22:00
LCS	B065048-BS1	ve355033.D	12/21/2012	2:48:00
LCS Dup	B065048-BSD1	ve355034.D	12/21/2012	3:14:00
Blank	B065048-BLK1	ve355038.D	12/21/2012	4:58:00
B-27 (3-4ft)	12L0458-02	ve355059.D	12/21/2012	14:06:00

5 - FORM V INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory	Work Order: 12L0458
Client: CDM Smith, Inc. - NY	Project: Doro Cleaners
Lab File ID: ve355032.D	Injection Date: 12/21/12
Instrument ID: GCMSVOA5	Injection Time: 02:22
Sequence: S003723	Lab Sample ID: S003723-TUN1

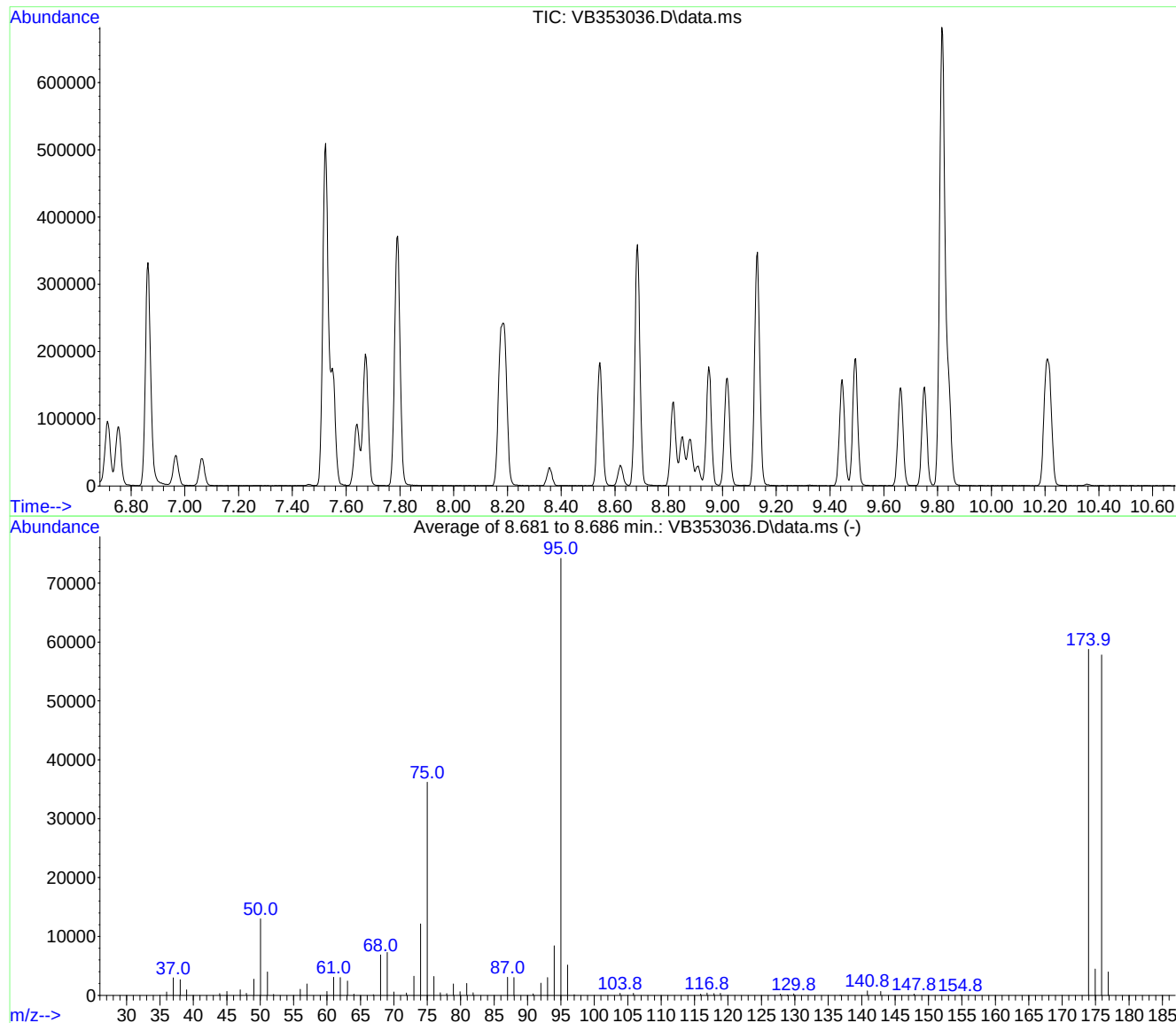
m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	19.7	PASS
75	30 - 60% of 95	47.9	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.96	PASS
173	Less than 2% of 174	0.7	PASS
174	50 - 200% of 95	93.4	PASS
175	5 - 9% of 174	7.36	PASS
176	95 - 101% of 174	96.8	PASS
177	5 - 9% of 176	5.9	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
Calibration Check	S003723-CCV1	ve355032.D	12/21/2012	2:22:00
LCS	B065047-BS1	ve355033.D	12/21/2012	2:48:00
LCS Dup	B065047-BSD1	ve355034.D	12/21/2012	3:14:00
Blank	B065047-BLK1	ve355038.D	12/21/2012	4:58:00
Cistern	12L0458-05	ve355058.D	12/21/2012	13:40:00

Data Path : W:\DATA\121812\
Data File : VB353036.D
Acq On : 19 Dec 2012 9:21 am
Operator :
Sample : 8260STD 10PPB 1212127/BFB
Misc :
ALS Vial : 36 Sample Multiplier: 1

Integration File: 8260LOW.P

Method : W:\METHODS\B1217W12.M
Title : 8260 CALIBRATION VOAMS 5973
Last Update : Tue Jul 03 12:32:45 2012



AutoFind: Scans 2766, 2767, 2768; Background Corrected with Scan 2753

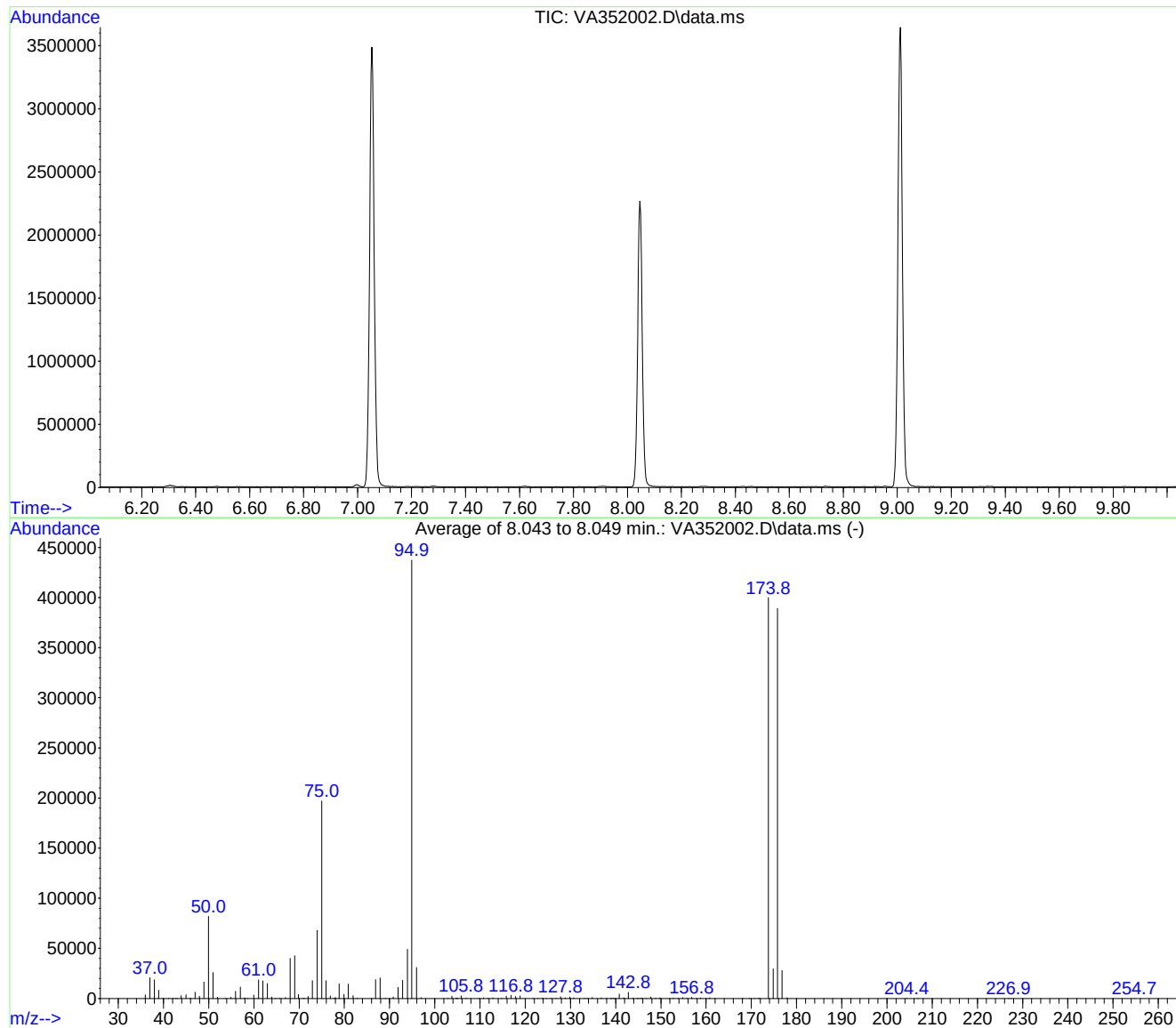
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.5	13001	PASS
75	95	30	60	48.8	36195	PASS
95	95	100	100	100.0	74192	PASS
96	95	5	9	6.9	5155	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	79.2	58765	PASS
175	174	5	9	7.6	4446	PASS
176	174	95	101	98.4	57827	PASS
177	176	5	9	6.8	3959	PASS

Data Path : V:\DATA\121712\
Data File : VA352002.D
Acq On : 17 Dec 2012 5:16 am
Operator : MFF
Sample : BFB
Misc :
ALS Vial : 2 Sample Multiplier: 1

339

Integration File: rteint.p

Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Title : 8260 SOIL CALIBRATION (FRONT)
Last Update : Mon Nov 12 13:10:19 2012



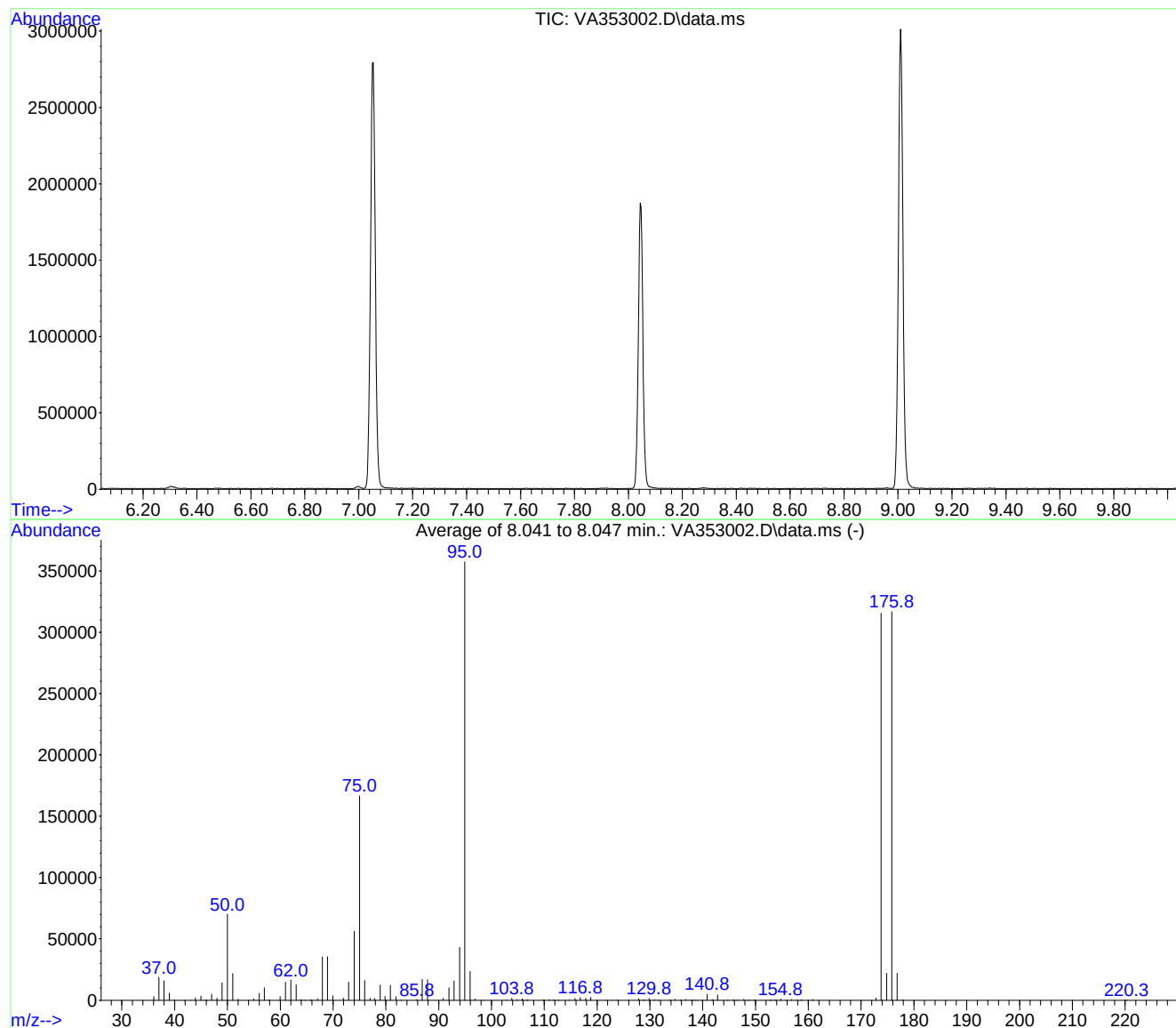
AutoFind: Scans 2553, 2554, 2555; Background Corrected with Scan 2540

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.7	81929	PASS
75	95	30	60	45.1	197035	PASS
95	95	100	100	100.0	437312	PASS
96	95	5	9	7.1	30987	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	91.5	400064	PASS
175	174	5	9	7.4	29445	PASS
176	174	95	101	97.3	389141	PASS
177	176	5	9	7.2	27933	PASS

Data Path : V:\DATA\121812\
 Data File : VA353002.D
 Acq On : 18 Dec 2012 5:15 am
 Operator : MFF
 Sample : BFB
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: rteint.p

Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Title : 8260 SOIL CALIBRATION (FRONT)
 Last Update : Mon Nov 12 13:10:19 2012



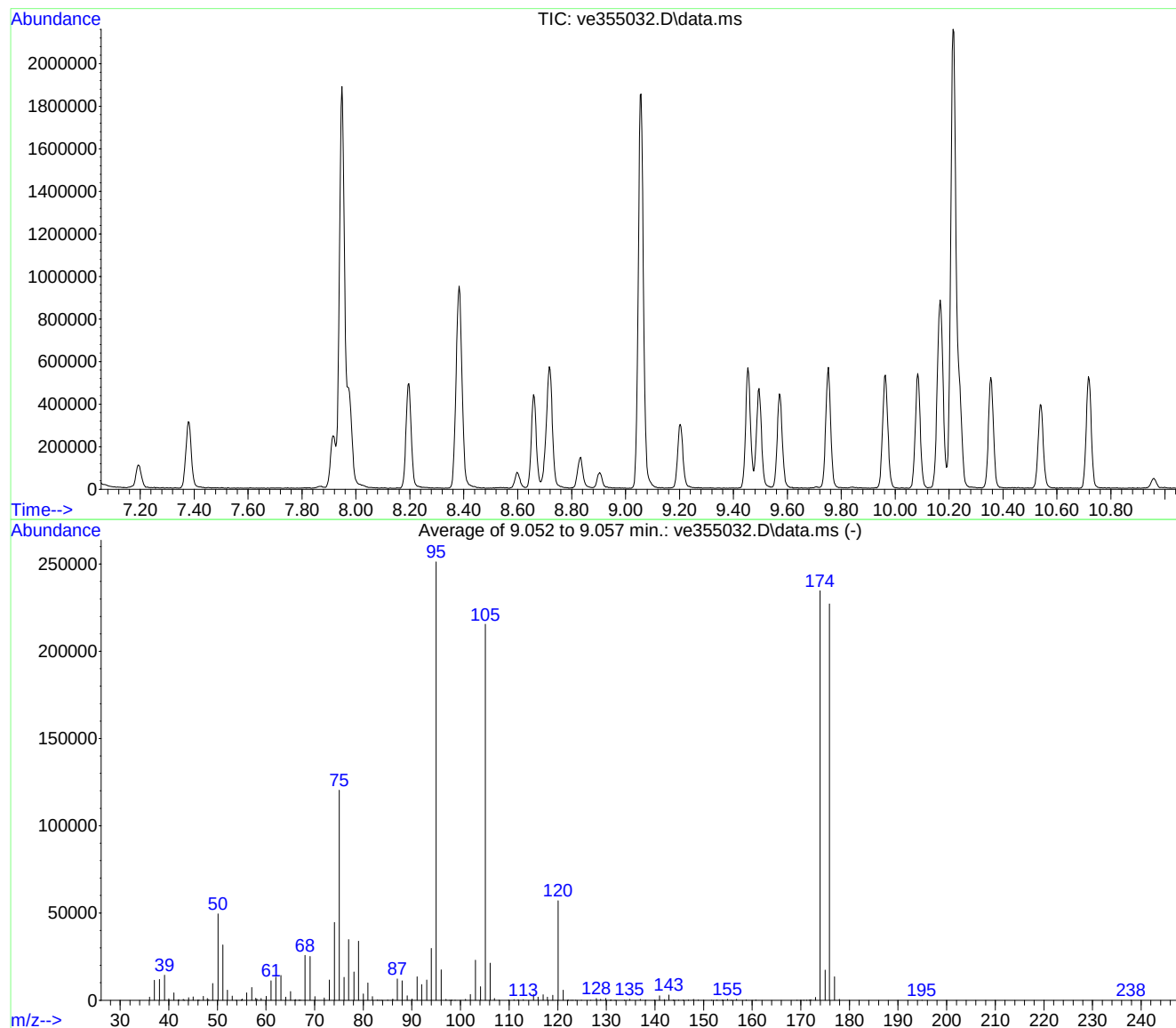
AutoFind: Scans 2552, 2553, 2554; Background Corrected with Scan 2541

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.7	70251	PASS
75	95	30	60	46.7	166720	PASS
95	95	100	100	100.0	357333	PASS
96	95	5	9	6.6	23525	PASS
173	174	0.00	2	0.5	1718	PASS
174	95	50	100	88.3	315499	PASS
175	174	5	9	7.0	21939	PASS
176	174	95	101	100.4	316864	PASS
177	176	5	9	6.9	21843	PASS

Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355032.D
 Acq On : 21 Dec 2012 2:22 am
 Operator :
 Sample : 8260STD/BFB 10PPB 1212128
 Misc : 1
 ALS Vial : 32 Sample Multiplier: 1

Integration File: 8260B.P

Method : C:\msdchem\1\METHODS\E111712W.m
 Title : 8260 WATER 5MLS VOAMS 5973 #5
 Last Update : Thu Jan 03 08:46:53 2013



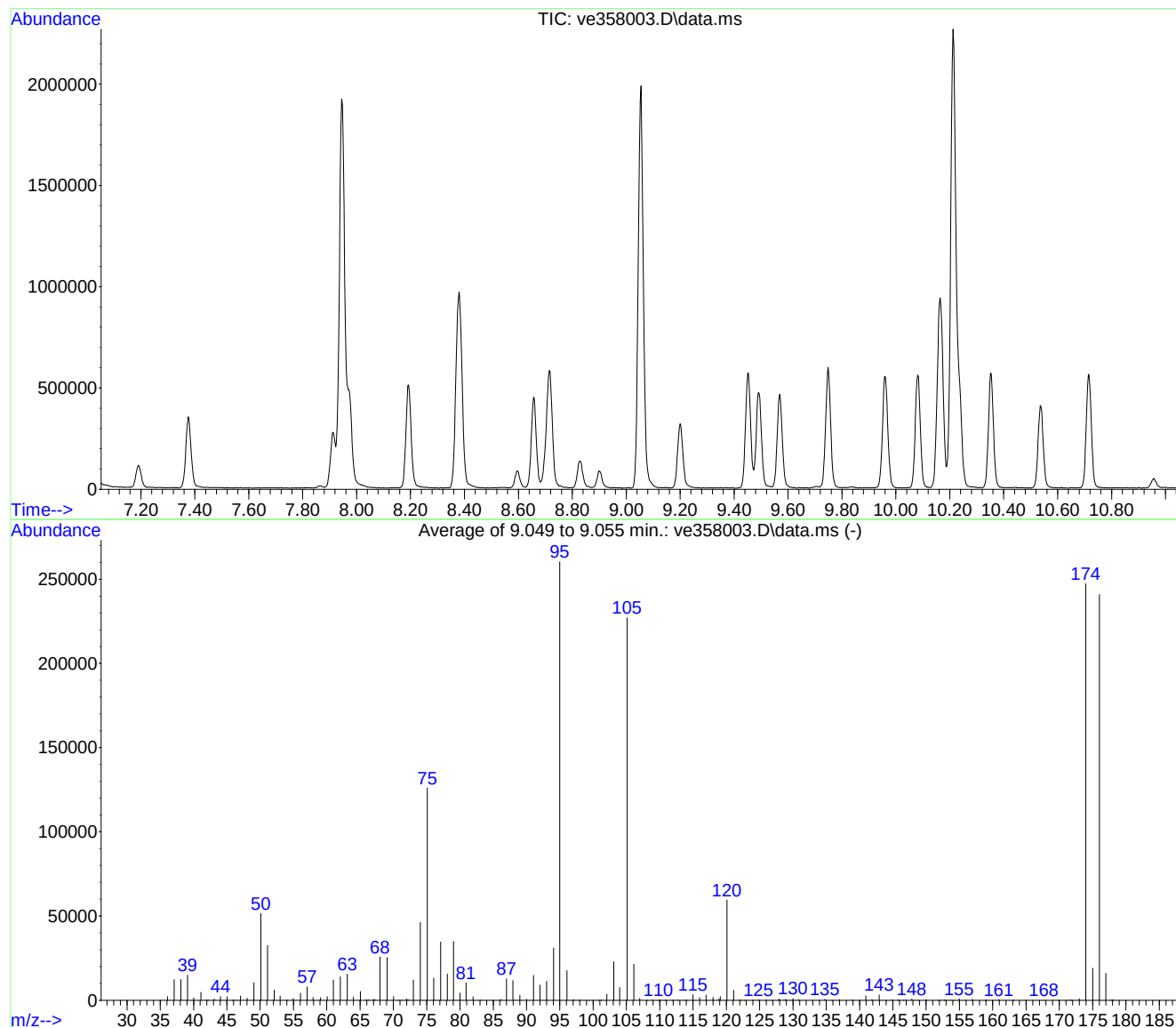
AutoFind: Scans 2928, 2929, 2930; Background Corrected with Scan 2915

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.7	49515	PASS
75	95	30	60	47.9	120368	PASS
95	95	100	100	100.0	251200	PASS
96	95	5	9	7.0	17480	PASS
173	174	0.00	2	0.7	1642	PASS
174	95	50	100	93.4	234667	PASS
175	174	5	9	7.4	17272	PASS
176	174	95	101	96.8	227115	PASS
177	176	5	9	5.9	13395	PASS

Data Path : C:\msdchem\1\DATA\122312\
 Data File : ve358003.D
 Acq On : 23 Dec 2012 8:20 am
 Operator :
 Sample : 8260STD/bfb 10PPB 1212127
 Misc : 1
 ALS Vial : 3 Sample Multiplier: 1

Integration File: 8260B.P

Method : C:\msdchem\1\METHODS\E111712W.m
 Title : 8260 WATER 5MLS VOAMS 5973 #5
 Last Update : Thu Jan 03 08:46:53 2013



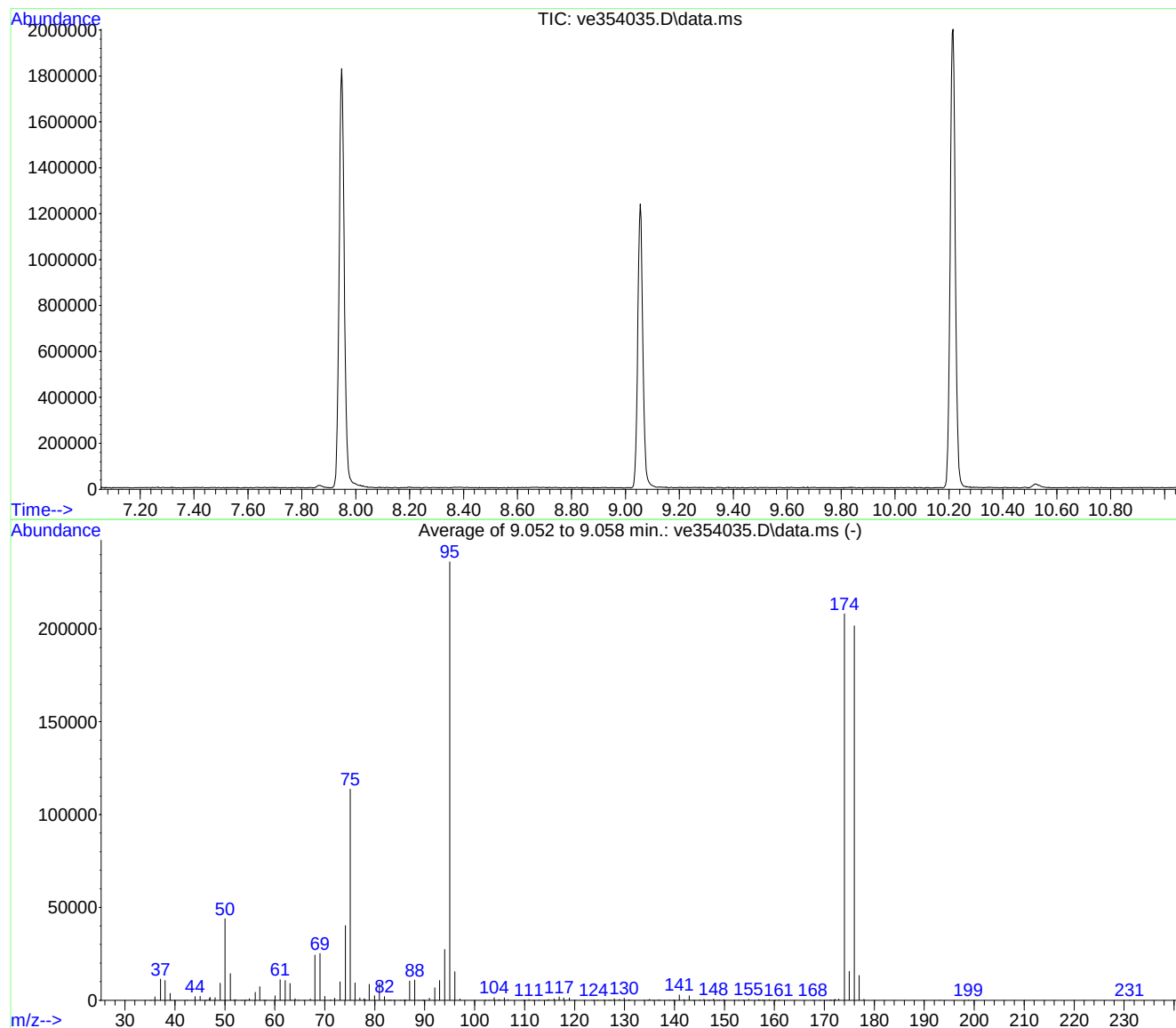
AutoFind: Scans 2927, 2928, 2929; Background Corrected with Scan 2916

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.8	51621	PASS
75	95	30	60	48.4	125963	PASS
95	95	100	100	100.0	260245	PASS
96	95	5	9	6.7	17509	PASS
173	174	0.00	2	0.3	829	PASS
174	95	50	100	95.0	247296	PASS
175	174	5	9	7.7	19072	PASS
176	174	95	101	97.4	240960	PASS
177	176	5	9	6.6	15905	PASS

Data Path : C:\msdchem\1\DATA\121912\
 Data File : ve354035.D
 Acq On : 19 Dec 2012 11:15 pm
 Operator :
 Sample : BFB
 Misc : 1
 ALS Vial : 35 Sample Multiplier: 1

Integration File: 8260B.P

Method : C:\msdchem\1\METHODS\E111712W.m
 Title : 8260 WATER 5MLS VOAMS 5973 #5
 Last Update : Thu Jan 03 08:46:53 2013



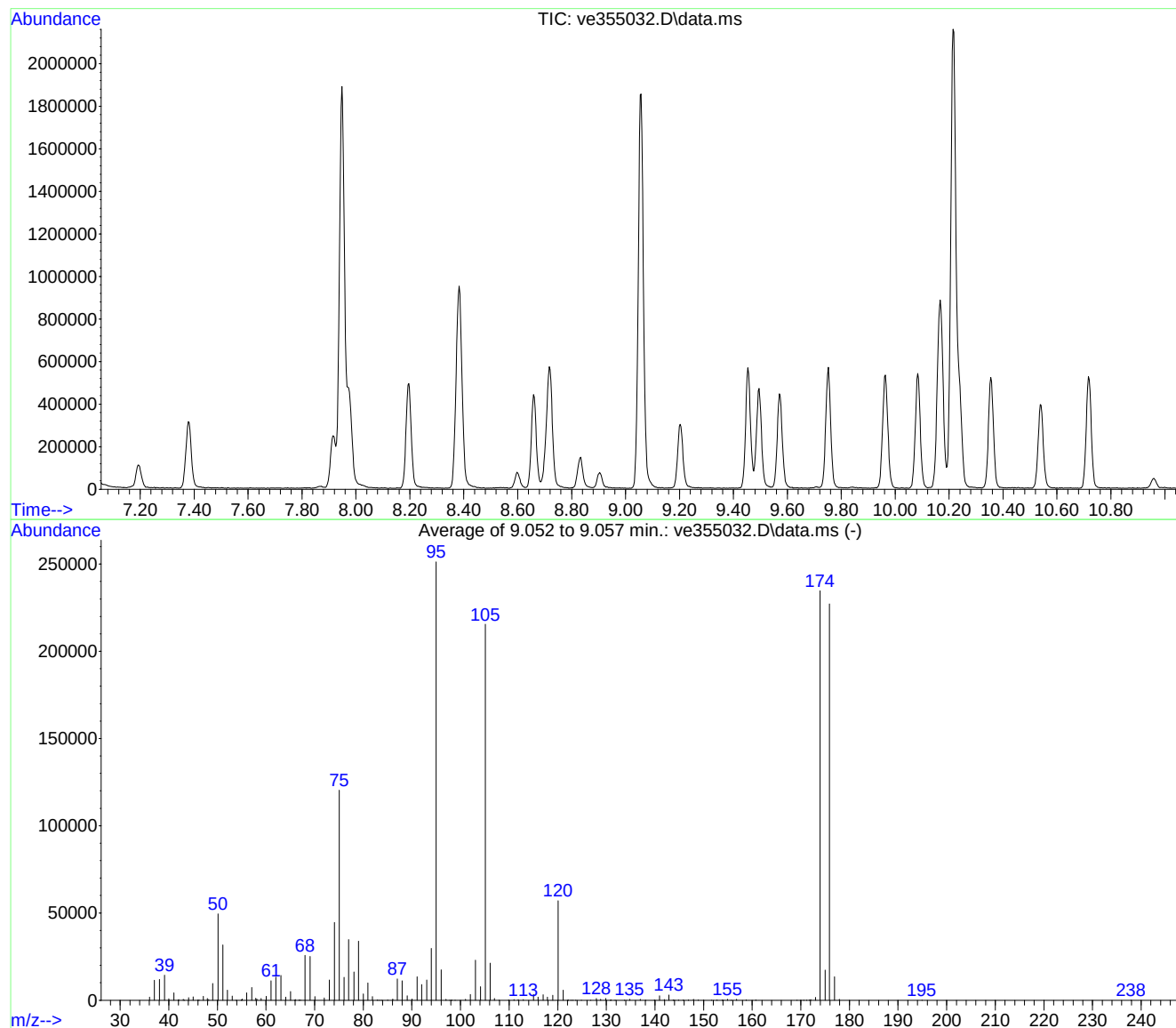
AutoFind: Scans 2928, 2929, 2930; Background Corrected with Scan 2915

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.6	43907	PASS
75	95	30	60	48.2	113735	PASS
95	95	100	100	100.0	236032	PASS
96	95	5	9	6.5	15346	PASS
173	174	0.00	2	0.3	700	PASS
174	95	50	100	88.2	208064	PASS
175	174	5	9	7.5	15547	PASS
176	174	95	101	96.9	201600	PASS
177	176	5	9	6.6	13325	PASS

Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355032.D
 Acq On : 21 Dec 2012 2:22 am
 Operator :
 Sample : 8260STD/BFB 10PPB 1212128
 Misc : 1
 ALS Vial : 32 Sample Multiplier: 1

Integration File: 8260B.P

Method : C:\msdchem\1\METHODS\E111712W.m
 Title : 8260 WATER 5MLS VOAMS 5973 #5
 Last Update : Thu Jan 03 08:46:53 2013



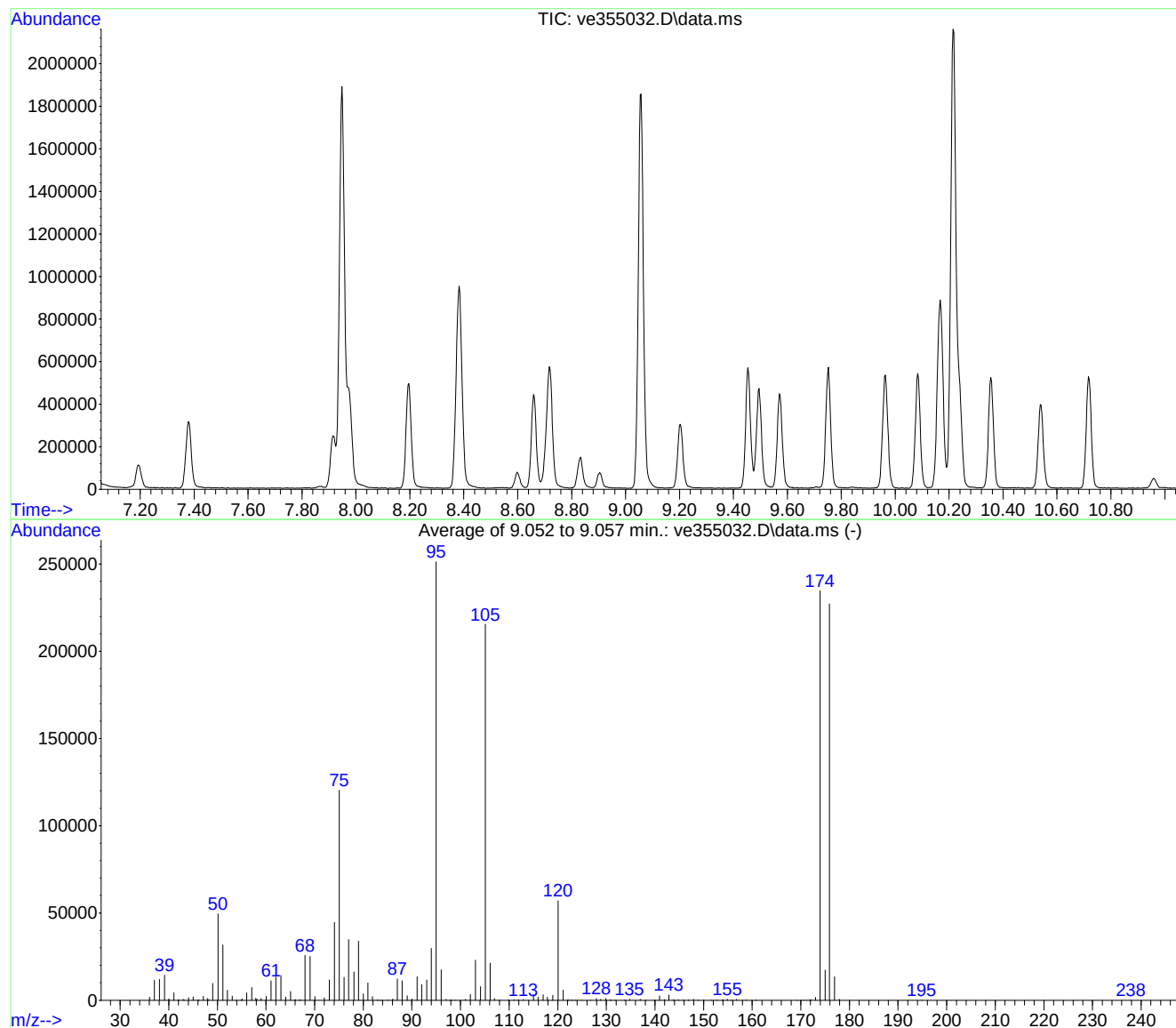
AutoFind: Scans 2928, 2929, 2930; Background Corrected with Scan 2915

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.7	49515	PASS
75	95	30	60	47.9	120368	PASS
95	95	100	100	100.0	251200	PASS
96	95	5	9	7.0	17480	PASS
173	174	0.00	2	0.7	1642	PASS
174	95	50	100	93.4	234667	PASS
175	174	5	9	7.4	17272	PASS
176	174	95	101	96.8	227115	PASS
177	176	5	9	5.9	13395	PASS

Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355032.D
 Acq On : 21 Dec 2012 2:22 am
 Operator :
 Sample : 8260STD/BFB 10PPB 1212128
 Misc : 1
 ALS Vial : 32 Sample Multiplier: 1

Integration File: 8260B.P

Method : C:\msdchem\1\METHODS\E111712W.m
 Title : 8260 WATER 5MLS VOAMS 5973 #5
 Last Update : Thu Jan 03 08:46:53 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	19.7	49515	PASS
75	95	30	60	47.9	120368	PASS
95	95	100	100	100.0	251200	PASS
96	95	5	9	7.0	17480	PASS
173	174	0.00	2	0.7	1642	PASS
174	95	50	100	93.4	234667	PASS
175	174	5	9	7.4	17272	PASS
176	174	95	101	96.8	227115	PASS
177	176	5	9	5.9	13395	PASS

VOLATILES CALIBRATION DATA

6 - FORM VI

INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1200210

Instrument: GCMSVOA1

Calibration Date: 11/12/2012 12:00:02AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Acetone							20	2.966759E-02	50	3.027577E-02	100	2.488274E-02
Acrylonitrile					1	0.1014211	2	8.788448E-02	5	0.1043074	10	0.1021514
tert-Amyl Methyl Ether (TAME)	0.2	0.6790085	0.5	0.5614726	1	0.6008589	2	0.6029428	5	0.6641912	10	0.6765346
Benzene	0.2	1.789396	0.5	1.748026	1	1.780924	2	1.781582	5	1.875891	10	1.819743
Bromobenzene			0.5	0.3805713	1	0.4001266	2	0.3866794	5	0.4174312	10	0.4058785
Bromochloromethane			0.5	0.1659197	1	0.1678952	2	0.1794659	5	0.1885301	10	0.1851036
Bromodichloromethane					1	0.3102451	2	0.2997679	5	0.3367937	10	0.3477969
Bromoform	0.2	8.235815E-02	0.5	9.282816E-02	1	7.819399E-02	2	0.079949	5	0.1020997	10	0.1084422
Bromomethane	0.2	0.43188	0.5	0.3057723	1	0.3041255	2	0.3162394	5	0.3305149	10	0.3318878
2-Butanone (MEK)			5	2.855214E-02	10	2.651238E-02	20	0.0251418	50	0.0287572	100	2.738622E-02
tert-Butyl Alcohol (TBA)			5	0.0112358	10	1.090615E-02	20	8.009592E-03	50	8.939268E-03	100	9.250029E-03
n-Butylbenzene	0.2	2.141926	0.5	2.275836	1	2.622376	2	2.518515	5	2.678031	10	2.608854
sec-Butylbenzene	0.2	2.778166	0.5	3.16732	1	3.435264	2	3.259548	5	3.462633	10	3.301915
tert-Butylbenzene	0.2	1.85112	0.5	1.984986	1	2.114453	2	2.096267	5	2.15399	10	2.038801
tert-Butyl Ethyl Ether (TBEE)					1	0.7900478	2	0.756688	5	0.8378491	10	0.8216817
Carbon Disulfide	2	1.454288	5	1.512285	10	1.578446	20	1.665752	50	1.660114	100	1.559916
Carbon Tetrachloride	0.2	0.3414457	0.5	0.3369682	1	0.3301083	2	0.335474	5	0.3646057	10	0.3854086
Chlorobenzene	0.2	0.9665164	0.5	0.9431357	1	0.9779785	2	0.9007099	5	0.9758627	10	0.9406163
Chlorodibromomethane	0.2	0.1776642	0.5	0.1561536	1	0.1591928	2	0.1536765	5	0.1856444	10	0.2057106
Chloroethane	0.2	0.3751393	0.5	0.3787389	1	0.3514297	2	0.3221729	5	0.3367475	10	0.3192951
Chloroform	0.2	0.781342	0.5	0.6973596	1	0.7549904	2	0.7562276	5	0.7661076	10	0.7631941
Chloromethane					1	0.6588927	2	0.6575943	5	0.6439046	10	0.6033313
2-Chlorotoluene	0.2	1.158623	0.5	1.205075	1	1.234366	2	1.191935	5	1.275252	10	1.235595
4-Chlorotoluene	0.2	1.311935	0.5	1.356676	1	1.418863	2	1.336581	5	1.489525	10	1.448632
Cyclohexane	0.2	3.728722	0.5	1.995795	1	1.389417	2	1.065205	5	0.8809515	10	0.8172826
1,2-Dibromo-3-chloropropane (DBCP)	0.2	6.915295E-02	0.5	1.309246E-02	1	2.304591E-02	2	3.809811E-02	5	3.544744E-02	10	3.837719E-02

6 - FORM VI

INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1200210

Instrument: GCMSVOA1

Calibration Date: 11/12/2012 12:00:02AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
1,2-Dibromoethane (EDB)			0.5	0.1621196	1	0.1650721	2	0.1672381	5	0.1990696	10	0.1977075
Dibromomethane			0.5	0.1578952	1	0.1414567	2	0.1406667	5	0.1606277	10	0.1574664
1,2-Dichlorobenzene	0.2	1.298227	0.5	1.170086	1	1.316904	2	1.219592	5	1.277207	10	1.23081
1,3-Dichlorobenzene	0.2	1.542985	0.5	1.420954	1	1.387466	2	1.333312	5	1.414239	10	1.32945
1,4-Dichlorobenzene	0.2	1.575004	0.5	1.39667	1	1.408065	2	1.316666	5	1.405462	10	1.298777
trans-1,4-Dichloro-2-butene	0.2	5.132194E-02	0.5	6.167075E-02	1	4.923325E-02	2	4.500245E-02	5	5.675085E-02	10	5.696733E-02
Dichlorodifluoromethane (Freon)			0.5	0.5538587	1	0.462615	2	0.5306223	5	0.5079984	10	0.4723532
1,1-Dichloroethane	0.2	0.7932412	0.5	0.7884621	1	0.795454	2	0.8111291	5	0.8267973	10	0.7980279
1,2-Dichloroethane	0.2	0.3671076	0.5	0.3503266	1	0.3578496	2	0.3494782	5	0.3848213	10	0.3724757
1,1-Dichloroethylene	0.2	0.5990957	0.5	0.55793	1	0.5342746	2	0.5355559	5	0.5554206	10	0.539692
cis-1,2-Dichloroethylene	0.2	0.2808222	0.5	0.4616987	1	0.480985	2	0.4743262	5	0.504651	10	0.4926483
trans-1,2-Dichloroethylene	0.2	0.4003156	0.5	0.4416065	1	0.4649044	2	0.4578939	5	0.4732222	10	0.4724298
Dichlorofluoromethane (Freon 2)	0.2	0.9091023	0.5	0.9369861	1	0.9599841	2	0.9538098	5	0.9702857	10	0.9228086
1,2-Dichloropropane					1	0.3210598	2	0.2987203	5	0.32142	10	0.3158946
1,3-Dichloropropane	0.2	0.3993458	0.5	0.3617027	1	0.3597962	2	0.3378713	5	0.3820306	10	0.3706622
2,2-Dichloropropane					1	0.3347974	2	0.3233175	5	0.336264	10	0.3403982
1,1-Dichloropropene			0.5	0.6434807	1	0.6230077	2	0.6293082	5	0.645233	10	0.6344182
cis-1,3-Dichloropropene	0.2	0.2704817	0.5	0.1337348	1	0.249486	2	0.2811277	5	0.3251601	10	0.3382156
trans-1,3-Dichloropropene	0.2	0.1775756	0.5	0.1376627	1	0.1496169	2	0.150562	5	0.1832174	10	0.2095651
Diethyl Ether	0.2	0.2523892	0.5	0.2310609	1	0.2231982	2	0.2067259	5	0.2132481	10	0.2032229
Diisopropyl Ether (DIPE)	0.2	1.282613	0.5	1.253545	1	1.317372	2	1.311347	5	1.398015	10	1.379789
1,4-Dioxane			5	9.671592E-04	10	8.199531E-04	20	9.418309E-04	50	1.573738E-03	100	1.847782E-03
Ethylbenzene	0.2	1.632673	0.5	1.613745	1	1.734748	2	1.639112	5	1.719533	10	1.664894
Hexachlorobutadiene	0.2	0.4819251	0.5	0.4949795	1	0.5750885	2	0.5234312	5	0.5448202	10	0.5215088
2-Hexanone (MBK)	2	0.1091226	5	0.1041234	10	0.1200278	20	0.1047032	50	0.1230429	100	0.1213158
Iodomethane	2	0.4276714	5	0.5090847	10	0.6293517	20	0.7857675	50	0.8997657	100	0.916663

6 - FORM VI

INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1200210

Instrument: GCMSVOA1

Calibration Date: 11/12/2012 12:00:02AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Isopropylbenzene (Cumene)	0.2	1.532273	0.5	1.591041	1	1.680383	2	1.633601	5	1.791575	10	1.749404
p-Isopropyltoluene (p-Cymene)	0.2	2.394276	0.5	2.430693	1	2.696554	2	2.595077	5	2.763427	10	2.597783
Methyl Acetate					1	0.2843764	2	0.2456292	5	0.2501922	10	0.2391736
Methyl tert-Butyl Ether (MTBE)	0.2	0.7537858	0.5	0.6757869	1	0.6783384	2	0.6836045	5	0.7396947	10	0.7271297
Methyl Cyclohexane	0.2	0.4347723	0.5	0.475205	1	0.4585445	2	0.4724961	5	0.5076157	10	0.4888341
Methylene Chloride	0.2	5.871588	0.5	2.411281	1	3.464869	2	1.14213	5	0.8808505	10	0.7509103
4-Methyl-2-pentanone (MIBK)	2	0.1846786	5	0.1510918	10	0.1877673	20	0.1569846	50	0.1865173	100	0.1838563
Naphthalene	0.2	0.6131341	0.5	0.4051624	1	0.8562413	2	0.5304309	5	0.7502541	10	0.7745344
n-Propylbenzene	0.2	1.824313	0.5	1.959334	1	2.068776	2	2.045151	5	2.213619	10	2.14909
Styrene	0.2	1.075237	0.5	0.9833908	1	0.9795756	2	0.9527484	5	1.047487	10	1.034166
1,1,1,2-Tetrachloroethane	0.2	0.1620053	0.5	0.1641199	1	0.1595396	2	0.1666392	5	0.1983991	10	0.2166663
1,1,2,2-Tetrachloroethane			0.5	0.262463	1	0.267972	2	0.2523228	5	0.2863911	10	0.2778435
Tetrachloroethylene			0.5	0.2533883	1	0.2519439	2	0.2651437	5	0.2858836	10	0.2828163
Tetrahydrofuran									5	2.950532E-02	10	2.202727E-02
Toluene	0.2	1.088746	0.5	0.9839826	1	0.7907337	2	0.8082911	5	0.8181907	10	0.7950241
1,2,3-Trichlorobenzene					1	0.527828	2	0.4506826	5	0.5850926	10	0.5863589
1,2,4-Trichlorobenzene					1	0.6534665	2	0.5576289	5	0.7020045	10	0.6910314
1,3,5-Trichlorobenzene	0.2	0.8526113	0.5	0.8554445	1	0.9876869	2	0.9527662	5	1.002231	10	0.9681923
1,1,1-Trichloroethane			0.5	0.448533	1	0.5282064	2	0.5216891	5	0.5425887	10	0.5526807
1,1,2-Trichloroethane	0.2	0.203437	0.5	0.1753856	1	0.1718362	2	0.1627394	5	0.190732	10	0.1809028
Trichloroethylene	0.2	0.292269	0.5	0.322757	1	0.3258183	2	0.3225514	5	0.3431178	10	0.3307379
Trichlorofluoromethane (Freon)	0.2	1.004422	0.5	1.021849	1	0.9869875	2	0.9928447	5	1.018452	10	0.9882488
1,2,3-Trichloropropane	0.2	0.2609099	0.5	0.1891585	1	0.2229551	2	0.2068527	5	0.2365422	10	0.2310487
1,1,2-Trichloro-1,2,2-trifluoroeth	0.2	0.4829841	0.5	0.5150489	1	0.4740066	2	0.4877589	5	0.5187475	10	0.47948
1,2,4-Trimethylbenzene	0.2	2.275115	0.5	2.241556	1	2.472669	2	2.363197	5	2.492103	10	2.346529
1,3,5-Trimethylbenzene	0.2	1.218919	0.5	1.314368	1	1.437219	2	1.39593	5	1.548467	10	1.534678

6 - FORM VI

INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1200210

Instrument: GCMSVOA1

Calibration Date: 11/12/2012 12:00:02AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Vinyl Acetate	2	0.5279632	5	0.496802	10	0.5656691	20	0.5905732	50	0.6902279	100	0.705643
Vinyl Chloride	0.2	0.7114496	0.5	0.6820789	1	0.6694292	2	0.7182978	5	0.6940366	10	0.6646786
m+p Xylene	0.4	0.5977276	1	0.6186196	2	0.6429177	4	0.627955	10	0.6704142	20	0.6671046
o-Xylene	0.2	0.6426927	0.5	0.5886094	1	0.6256797	2	0.6036998	5	0.6522844	10	0.6404088
1,2-Dichloroethane-d4	25	0.4445568	25	0.4286184	25	0.4299087	25	0.425904	25	0.4301242	25	0.4259423
Toluene-d8	25	1.206988	25	1.194347	25	1.200082	25	1.199407	25	1.209114	25	1.228187
4-Bromofluorobenzene	25	0.48259	25	0.4723432	25	0.4727431	25	0.4740993	25	0.4905046	25	0.4885324

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1200210

Instrument: GCMSVOA1

Calibration Date: 11/12/2012 12:00:02AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Acetone	200	0.0230633	500	2.860206E-02	800	2.333582E-02	1000	2.059427E-02				
Acrylonitrile	20	9.623313E-02	50	9.521638E-02	80	8.707864E-02	100	8.734266E-02				
tert-Amyl Methyl Ether (TAME)	20	0.7245679	50	0.7466631	80	0.7370446	100	0.7544507				
Benzene	20	1.830354	50	1.774785	80	1.712937	100	1.711895				
Bromobenzene	20	0.433609	50	0.4800183	80	0.499751	100	0.5413506				
Bromochloromethane	20	0.1883303	50	0.1645652	80	0.1544926	100	0.1454042				
Bromodichloromethane	20	0.3854692	50	0.4182275	80	0.4268078						
Bromoform	20	0.1390973	50	0.174573	80	0.1878584	100	0.2035647				
Bromomethane	20	0.368566	50	0.3872894	80	0.3933733	100	0.4145642				
2-Butanone (MEK)	200	2.633598E-02	500	2.953485E-02	800	2.666235E-02	1000	0.0256541				
tert-Butyl Alcohol (TBA)	200	1.016781E-02										
n-Butylbenzene	20	2.741913	50	2.746799	80	2.471637	100	2.266148				
sec-Butylbenzene	20	3.398092	50	3.284024	80	2.942527	100	2.581656				
tert-Butylbenzene	20	2.137482	50	2.114842	80	2.033844	100	1.964566				
tert-Butyl Ethyl Ether (TBEE)	20	0.8793708	50	0.8988435	80	0.8985612	100	0.9260057				
Carbon Disulfide	200	1.380199										
Carbon Tetrachloride	20	0.4628683										
Chlorobenzene	20	0.9807615	50	1.017478	80	1.015159	100	1.046543				
Chlorodibromomethane	20	0.2352642	50	0.2766266	80	0.2927705	100	0.309263				
Chloroethane	20	0.3113631	50	0.2810797	80	0.2626455	100	0.2552616				
Chloroform	20	0.7767512	50	0.7518919	80	0.7288505	100	0.7359924				
Chloromethane	20	0.5701425	50	0.5118148	80	0.4803994	100	0.4810944				
2-Chlorotoluene	20	1.296452	50	1.348661	80	1.338241	100	1.358537				
4-Chlorotoluene	20	1.559084	50	1.696585	80	1.654758	100	1.639431				
Cyclohexane	20	0.7869263	50	0.7516339	80	0.7228977	100	0.7202578				
1,2-Dibromo-3-chloropropane (D	20	4.515005E-02	50	5.253614E-02	80	5.100291E-02	100	5.156997E-02				

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1200210

Instrument: GCMSVOA1

Calibration Date: 11/12/2012 12:00:02AM

[illegible]

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1200210

Instrument: GCMSVOA1

Calibration Date: 11/12/2012 12:00:02AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Isopropylbenzene (Cumene)	20	1.873212	50	1.97968	80	1.935429	100	1.883693				
p-Isopropyltoluene (p-Cymene)	20	2.687713	50	2.638638	80	2.43157	100	2.261243				
Methyl Acetate	20	0.2460455	50	0.2433857								
Methyl tert-Butyl Ether (MTBE)	20	0.741706	50	0.7533736	80	0.7319139	100	0.7348965				
Methyl Cyclohexane	20	0.5245513	50	0.5424563	80	0.5538372	100	0.576913				
Methylene Chloride	20	0.6732555	50	0.6834675	80	0.6117812	100	0.5959252				
4-Methyl-2-pentanone (MIBK)	200	0.1908386	500	0.1983822	800	0.1860135	1000	0.1804744				
Naphthalene	20	0.9067549	50	0.9738523	80	0.9364502	100	0.9908861				
n-Propylbenzene	20	2.266737	50	2.343684	80	2.200356	100	2.022037				
Styrene	20	1.123954	50	1.230852	80	1.242186	100	1.284968				
1,1,1,2-Tetrachloroethane	20	0.2580955	50	0.3073202	80	0.3270786	100	0.3479287				
1,1,2,2-Tetrachloroethane	20	0.2891747	50	0.3060107	80	0.3065389	100	0.3136424				
Tetrachloroethylene	20	0.2978158	50	0.3287414	80	0.3483769	100	0.3792255				
Tetrahydrofuran	20	2.378641E-02	50	2.443213E-02	80	2.424114E-02	100	2.350978E-02				
Toluene	20	0.8423671	50	0.8623247	80	0.8730683	100	0.9119649				
1,2,3-Trichlorobenzene	20	0.6281794	50	0.6948583								
1,2,4-Trichlorobenzene	20	0.7533093	50	0.8449822								
1,3,5-Trichlorobenzene	20	1.00783	50	1.100352	80	1.099048	100	1.169338				
1,1,1-Trichloroethane	20	0.6123307	50	0.6481359	80	0.65016	100	0.6724998				
1,1,2-Trichloroethane	20	0.1896093	50	0.1926802	80	0.1927773	100	0.2016367				
Trichloroethylene	20	0.3516406	50	0.354987	80	0.3649518	100	0.3834004				
Trichlorofluoromethane (Freon)	20	0.9684346	50	0.8987197	80	0.8410233	100	0.8211778				
1,2,3-Trichloropropane	20	0.245727	50	0.2773086	80	0.2054815	100	0.2091038				
1,1,2-Trichloro-1,2,2-trifluoroeth	20	0.4838189	50	0.4508973	80	0.4279379	100	0.4222533				
1,2,4-Trimethylbenzene	20	2.460357	50	2.393988	80	2.231908	100	2.111074				
1,3,5-Trimethylbenzene	20	1.692253	50	1.856679	80	1.8179	100	1.765574				

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1200210

Instrument: GCMSVOA1

Calibration Date: 11/12/2012 12:00:02AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Vinyl Acetate	200	0.7427844	500	0.7031202								
Vinyl Chloride	20	0.6490966	50	0.5855208	80	0.5407021	100	0.52072				
m+p Xylene	40	0.720023	100	0.7704616	160	0.7745981	200	0.7822046				
o-Xylene	20	0.685483	50	0.7520051	80	0.7679808	100	0.8070547				
1,2-Dichloroethane-d4	25	0.4103486	25	0.3956608	25	0.3772781	25	0.3650425				
Toluene-d8	25	1.21679	25	1.22124	25	1.204072	25	1.20363				
4-Bromofluorobenzene	25	0.4896521	25	0.4955734	25	0.4868893	25	0.4880449				

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Calibration: 1200210

Instrument: GCMSVOA1

Calibration Date: 11/12/2012 12:00:02AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Acetone	2.577451E-02	14.5			15	
Acrylonitrile	0.0952044	7.5			15	
tert-Amyl Methyl Ether (TAME)	0.6747735	10.1			15	
Benzene	1.782553	2.9			15	
Bromobenzene	0.4383795	12.8			15	
Bromochloromethane	0.1710785	9.0			15	
Bromodichloromethane	0.3607297	14.0			15	
Bromoform	0.1248965	38.4	0.9941165		0.99	
Bromomethane	0.3584213	13.0			15	
2-Butanone (MEK)	2.717078E-02	5.5			15	
tert-Butyl Alcohol (TBA)	9.751441E-03	12.7			15	
n-Butylbenzene	2.507204	8.5			15	
sec-Butylbenzene	3.161115	9.4			15	
tert-Butylbenzene	2.049035	4.6			15	
tert-Butyl Ethyl Ether (TBEE)	0.851131	7.0			15	
Carbon Disulfide	1.544429	6.8			15	
Carbon Tetrachloride	0.3652684	12.9			15	
Chlorobenzene	0.9764761	4.4			15	
Chlorodibromomethane	0.2151966	27.6	0.9969023		0.99	
Chloroethane	0.3193873	13.5			15	
Chloroform	0.7512707	3.3			15	
Chloromethane	0.5758968	13.3			15	
2-Chlorotoluene	1.264274	5.5			15	
4-Chlorotoluene	1.491207	9.4			15	
Cyclohexane	1.285909	73.7	0.9997382		0.99	
1,2-Dibromo-3-chloropropane (DBCP)	4.174731E-02	38.3	0.999166		0.99	
1,2-Dibromoethane (EDB)	0.1986676	14.0			15	

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Calibration: 1200210

Instrument: GCMSVOA1

Calibration Date: 11/12/2012 12:00:02AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Dibromomethane	0.1560108	5.6			15	
1,2-Dichlorobenzene	1.291329	5.4			15	
1,3-Dichlorobenzene	1.393721	4.4			15	
1,4-Dichlorobenzene	1.376075	5.8			15	
trans-1,4-Dichloro-2-butene	6.133439E-02	19.5	0.9979094		0.99	
Dichlorodifluoromethane (Freon 12)	0.4652903	13.0			15	
1,1-Dichloroethane	0.7912227	2.9			15	
1,2-Dichloroethane	0.3712184	4.0			15	
1,1-Dichloroethylene	0.527882	8.0			15	
cis-1,2-Dichloroethylene	0.4704005	14.5			15	
trans-1,2-Dichloroethylene	0.4633271	5.5			15	
Dichlorofluoromethane (Freon 21)	0.8910165	9.0			15	
1,2-Dichloropropane	0.3254418	4.7			15	
1,3-Dichloropropane	0.3750671	4.8			15	
2,2-Dichloropropane	0.3491148	10.0			15	
1,1-Dichloropropene	0.6361096	1.3			15	
cis-1,3-Dichloropropene	0.3405338	33.0	0.99793		0.99	
trans-1,3-Dichloropropene	0.2294305	37.3	0.9962137		0.99	
Diethyl Ether	0.2055923	12.7			15	
Diisopropyl Ether (DIPE)	1.333417	4.0			15	
1,4-Dioxane	1.490958E-03	30.3	0.9993394		0.99	
Ethylbenzene	1.703236	3.5			15	
Hexachlorobutadiene	0.5685384	13.3			15	
2-Hexanone (MBK)	0.1216655	10.6			15	
Iodomethane	0.7318481	28.9	0.9996981		0.99	
Isopropylbenzene (Cumene)	1.765029	8.7			15	
p-Isopropyltoluene (p-Cymene)	2.549697	6.3			15	

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Calibration: 1200210

Instrument: GCMSVOA1

Calibration Date: 11/12/2012 12:00:02AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Methyl Acetate	0.2514671	6.6			15	
Methyl tert-Butyl Ether (MTBE)	0.722023	4.3			15	
Methyl Cyclohexane	0.5035225	9.0			15	
Methylene Chloride	1.708606	102.1	0.9970059		0.99	
4-Methyl-2-pentanone (MIBK)	0.1806605	8.2			15	
Naphthalene	0.7737701	25.8	0.9987765		0.99	
n-Propylbenzene	2.10931	7.4			15	
Styrene	1.095456	10.9			15	
1,1,1,2-Tetrachloroethane	0.2307792	32.0	0.9962165		0.99	
1,1,2,2-Tetrachloroethane	0.2847066	7.5			15	
Tetrachloroethylene	0.2992595	14.8			15	
Tetrahydrofuran	2.458368E-02	10.4			15	
Toluene	0.8774693	10.8			15	
1,2,3-Trichlorobenzene	0.5788333	14.5			15	
1,2,4-Trichlorobenzene	0.7004038	13.8			15	
1,3,5-Trichlorobenzene	0.99955	10.3			15	
1,1,1-Trichloroethane	0.5752027	13.0			15	
1,1,2-Trichloroethane	0.1861736	7.1			15	
Trichloroethylene	0.3392231	7.6			15	
Trichlorofluoromethane (Freon 11)	0.9542159	7.7			15	
1,2,3-Trichloropropane	0.2285088	12.0			15	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.4742933	6.8			15	
1,2,4-Trimethylbenzene	2.33885	5.3			15	
1,3,5-Trimethylbenzene	1.558199	14.1			15	
Vinyl Acetate	0.6278479	14.9			15	
Vinyl Chloride	0.643601	10.9			15	
m+p Xylene	0.6872026	10.1			15	

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Client: CDM Smith, Inc. - NY

Calibration: 1200210

Work Order: 12L0458

Project: Doro Cleaners

Instrument: GCMSVOA1

Calibration Date: 11/12/2012 12:00:02AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
o-Xylene	0.6765898	11.0			15	
1,2-Dichloroethane-d4	0.4133384	6.3			15	
Toluene-d8	1.208386	0.9			15	
4-Bromofluorobenzene	0.4840972	1.7			15	

6 - FORM VI

INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1200253

Instrument: GCMSVOA5

Calibration Date: 11/17/2012 12:00:58AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Acetone			5	0.0666391	10	6.651546E-02	20	5.551938E-02	50	6.145517E-02	100	5.611244E-02
Acrolein					10	2.148826E-02	20	2.177646E-02	50	2.012927E-02	100	2.007619E-02
Acrylonitrile			0.5	8.321668E-02	1	6.759063E-02	2	6.284532E-02	5	7.051897E-02	10	6.399828E-02
tert-Amyl Methyl Ether (TAME)	0.4	0.5979315	0.5	0.699032	1	0.7201512	2	0.6618295	5	0.6786593	10	0.6402614
Benzene	0.4	1.294615	0.5	1.008046	1	1.295457	2	1.222794	5	1.139091	10	1.190096
Bromobenzene	0.4	0.8001898	0.5	0.6732856	1	0.7913325	2	0.7472472	5	0.7161746	10	0.7304436
Bromochloromethane	0.4	0.2781758	0.5	0.2492913	1	0.2606981	2	0.2440629	5	0.2408144	10	0.2438948
Bromodichloromethane	0.4	0.3210536	0.5	0.3154695	1	0.3314717	2	0.295782	5	0.3015276	10	0.3040318
Bromoform	0.4	0.2828743	0.5	0.329959	1	0.3022569	2	0.3044914	5	0.2998629	10	0.2800692
Bromomethane	0.4	0.1589994	0.5	0.1432379	1	0.2155169	2	0.1635	5	0.1507001	10	0.1574322
2-Butanone (MEK)			5	0.0618924	10	6.442552E-02	20	6.132002E-02	50	6.938359E-02	100	6.404855E-02
tert-Butyl Alcohol (TBA)	4	1.658074E-02	5	1.370206E-02	10	1.167886E-02	20	1.299434E-02	50	1.298767E-02	100	1.052627E-02
n-Butylbenzene	0.4	1.77549	0.5	1.189116	1	1.804805	2	1.774208	5	1.732839	10	1.749867
sec-Butylbenzene	0.4	2.224219	0.5	1.584315	1	2.415086	2	2.36843	5	2.212945	10	2.336316
tert-Butylbenzene	0.4	1.600985	0.5	1.090643	1	1.60661	2	1.536917	5	1.446419	10	1.49007
tert-Butyl Ethyl Ether (TBEE)	0.4	0.6510046	0.5	0.6793039	1	0.7797687	2	0.7497107	5	0.7636806	10	0.712945
Carbon Disulfide	4	0.9333896	5	0.6415037	10	1.017124	20	0.9540572	50	0.8951238	100	0.939372
Carbon Tetrachloride	0.4	0.4423727	0.5	0.3185788	1	0.4992284	2	0.433245	5	0.4329205	10	0.4436514
Chlorobenzene	0.4	1.305084	0.5	1.061791	1	1.303828	2	1.278681	5	1.241831	10	1.258265
Chlorodibromomethane	0.4	0.2455026	0.5	0.2415794	1	0.2413589	2	0.2340729	5	0.229916	10	0.2275559
Chloroethane	0.4	0.1935518	0.5	0.1782104	1	0.2364464	2	0.1874089	5	0.1672252	10	0.1901778
2-Chloroethyl Vinyl Ether			5	0.0370846	10	4.475112E-02	20	4.225796E-02	50	4.298381E-02	100	4.001049E-02
Chloroform	0.4	0.5029858	0.5	0.494637	1	0.5766948	2	0.5359585	5	0.5308066	10	0.5573177
Chloromethane	0.4	0.6420004	0.5	0.565718	1	0.6312083	2	0.5496486	5	0.4808883	10	0.4760881
2-Chlorotoluene	0.4	1.387128	0.5	1.182861	1	1.42591	2	1.401131	5	1.388004	10	1.411042
4-Chlorotoluene	0.4	1.608521	0.5	1.256552	1	1.615428	2	1.512578	5	1.409198	10	1.493365

6 - FORM VI

INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1200253

Instrument: GCMSVOA5

Calibration Date: 11/17/2012 12:00:58AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Cyclohexane			0.5	0.4262463	1	0.5045438	2	0.4774261	5	0.439982	10	0.4487148
1,2-Dibromo-3-chloropropane (DBCP)					1	8.133803E-02	2	7.700916E-02	5	7.377083E-02	10	5.528594E-02
1,2-Dibromoethane (EDB)	0.4	0.1861011	0.5	0.1965065	1	0.2004337	2	0.1937878	5	0.192437	10	0.1829816
Dibromomethane	0.4	0.1473321	0.5	0.1694135	1	0.1524876	2	0.1248754	5	0.1360379	10	0.1280658
1,2-Dichlorobenzene	0.4	0.9110645	0.5	0.877258	1	0.9921605	2	0.918218	5	0.9035334	10	0.89379
1,3-Dichlorobenzene	0.4	0.9977979	0.5	0.8807749	1	1.042598	2	0.9940901	5	0.9781943	10	0.9971597
1,4-Dichlorobenzene	0.4	1.043917	0.5	0.854112	1	1.02678	2	0.9536112	5	0.9350048	10	0.9615776
cis-1,4-Dichloro-2-butene					1	0.1646447	2	0.1293182	5	0.1296951	10	0.1113851
trans-1,4-Dichloro-2-butene							2	0.1501363	5	0.1352045	10	0.1038
Dichlorodifluoromethane (Freon 22)					1	0.500829	2	0.4680639	5	0.4371466	10	0.4330945
1,1-Dichloroethane	0.4	0.4954457	0.5	0.4001216	1	0.5673324	2	0.5428261	5	0.495204	10	0.5232426
1,2-Dichloroethane					1	0.3582939	2	0.3206165	5	0.2762227	10	0.2683327
1,1-Dichloroethylene	0.4	0.4781695	0.5	0.3015409	1	0.4798693	2	0.5610545	5	0.449277	10	0.4604375
cis-1,2-Dichloroethylene	0.4	0.4759002	0.5	0.386013	1	0.454923	2	0.4412547	5	0.4113988	10	0.4313744
trans-1,2-Dichloroethylene	0.4	0.471874	0.5	0.2911388	1	0.4741914	2	0.4278651	5	0.4100924	10	0.4259779
Dichlorofluoromethane (Freon 21)	0.4	0.7350429	0.5	0.538278	1	0.705866	2	0.6131702	5	0.6315403	10	0.6631528
1,2-Dichloropropane	0.4	0.2407647	0.5	0.230578	1	0.2351723	2	0.2055902	5	0.1984727	10	0.2072202
1,3-Dichloropropane	0.4	0.2881433	0.5	0.2615298	1	0.2967942	2	0.2925575	5	0.2918663	10	0.2788314
2,2-Dichloropropane	0.4	0.4950797	0.5	0.3376493	1	0.4676679	2	0.4552905	5	0.4403613	10	0.4464526
1,1-Dichloropropene	0.4	0.4483022	0.5	0.3124212	1	0.4579431	2	0.4452821	5	0.4085272	10	0.4302448
cis-1,3-Dichloropropene	0.4	0.3561036	0.5	0.3342294	1	0.3637072	2	0.3298661	5	0.3450834	10	0.340461
trans-1,3-Dichloropropene	0.4	0.2979757	0.5	0.2908805	1	0.2990531	2	0.2826361	5	0.2856417	10	0.2765439
Diethyl Ether	0.4	0.1953819	0.5	0.2523402	1	0.2621477	2	0.2238508	5	0.216391	10	0.2080906
Diisopropyl Ether (DIPE)	0.4	0.7034919	0.5	0.5599191	1	0.763309	2	0.6924256	5	0.7065081	10	0.7139171
1,4-Dioxane											100	1.386804E-03
Ethyl Acetate			0.5	4.621156E-02	1	0.1605806	2	0.1222493	5	0.1554319	10	0.1490497

6 - FORM VI

INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1200253

Instrument: GCMSVOA5

Calibration Date: 11/17/2012 12:00:58AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Ethylbenzene	0.4	2.176358	0.5	1.59311	1	2.189961	2	2.163282	5	2.023959	10	2.12916
Ethyl Methacrylate			0.5	0.2452329	1	0.2274187	2	0.228151	5	0.2212114	10	0.193257
Hexachlorobutadiene	0.4	0.2910504	0.5	0.1984177	1	0.2801462	2	0.2906708	5	0.2541313	10	0.2629644
2-Hexanone (MBK)			5	9.210396E-02	10	0.0914844	20	9.281373E-02	50	0.1035989	100	8.275282E-02
Iodomethane	4	0.2812723	5	0.2275067	10	0.3735515	20	0.3763386	50	0.3643623	100	0.4482481
Isopropylbenzene (Cumene)	0.4	2.409233	0.5	1.665785	1	2.393929	2	2.264065	5	2.107123	10	2.196795
p-Isopropyltoluene (p-Cymene)	0.4	1.845916	0.5	1.288161	1	1.806481	2	1.763789	5	1.699252	10	1.766729
Methyl Acetate	0.4	0.1815463	0.5	0.2839052	1	0.1897551	2	0.2189367	5	0.2135194	10	0.205253
Methyl tert-Butyl Ether (MTBE)	0.4	0.4523285	0.5	0.5962068	1	0.647366	2	0.637064	5	0.6476801	10	0.6005718
Methyl Cyclohexane					1	0.3474673	2	0.3386714	5	0.3128928	10	0.3264502
Methylene Chloride									5	0.4133493	10	0.4017449
4-Methyl-2-pentanone (MIBK)	4	0.1070501	5	0.1407236	10	0.1383255	20	0.1420828	50	0.1457558	100	0.1225066
Naphthalene	0.4	0.917193	0.5	1.206291	1	1.10023	2	1.068494	5	1.094436	10	0.8642669
n-Propylbenzene	0.4	2.707347	0.5	1.884912	1	2.610604	2	2.653419	5	2.415187	10	2.56541
Styrene	0.4	1.346523	0.5	1.092334	1	1.345228	2	1.278703	5	1.257836	10	1.284779
1,1,1,2-Tetrachloroethane	0.4	0.5100088	0.5	0.4236166	1	0.4150789	2	0.4171254	5	0.4254069	10	0.4348867
1,1,2,2-Tetrachloroethane	0.4	0.4510332	0.5	0.5229427	1	0.4654897	2	0.4743858	5	0.4802059	10	0.4039114
Tetrachloroethylene	0.4	0.2625181	0.5	0.1680588	1	0.2646605	2	0.2565614	5	0.2383496	10	0.2525432
Tetrahydrofuran					1	5.496646E-02	2	5.605286E-02	5	6.151296E-02	10	4.752704E-02
Toluene	0.4	0.9540927	0.5	0.8235458	1	0.9745732	2	0.8989002	5	0.8572989	10	0.896767
1,2,3-Trichlorobenzene	0.4	0.3512963	0.5	0.4415734	1	0.3897277	2	0.3868444	5	0.4059192	10	0.3390198
1,2,4-Trichlorobenzene	0.4	0.4615049	0.5	0.477969	1	0.5248142	2	0.5069994	5	0.4978673	10	0.4711819
1,3,5-Trichlorobenzene	0.4	0.6377763	0.5	0.4895011	1	0.631412	2	0.6382561	5	0.6100261	10	0.5957457
1,1,1-Trichloroethane	0.4	0.573701	0.5	0.3699316	1	0.5507519	2	0.4988855	5	0.4802261	10	0.5033978
1,1,2-Trichloroethane	0.4	0.2030656	0.5	0.2033208	1	0.2011867	2	0.1808693	5	0.1821845	10	0.172334
Trichloroethylene	0.4	0.3062796	0.5	0.1979022	1	0.2496417	2	0.2423407	5	0.2133116	10	0.2256592

6 - FORM VI

INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1200253

Instrument: GCMSVOA5

Calibration Date: 11/17/2012 12:00:58AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Trichlorofluoromethane (Freon)	0.4	0.5633792	0.5	0.4266648	1	0.6911277	2	0.6439767	5	0.5959738	10	0.6192083
1,2,3-Trichloropropane	0.4	0.351975	0.5	0.367439	1	0.3156277	2	0.3476964	5	0.3447567	10	0.2937622
1,1,2-Trichloro-1,2,2-trifluoroeth	0.4	0.2830805	0.5	0.1992537	1	0.3216444	2	0.2906934	5	0.2694879	10	0.2766617
1,2,4-Trimethylbenzene	0.4	1.798965	0.5	1.330772	1	1.786616	2	1.735383	5	1.651122	10	1.700117
1,3,5-Trimethylbenzene	0.4	1.759457	0.5	1.357147	1	1.786218	2	1.791121	5	1.751854	10	1.773616
Vinyl Acetate	4	0.3355093	5	0.4148519	10	0.4555451	20	0.432414	50	0.474017	100	0.4324988
Vinyl Chloride	0.4	0.4548906	0.5	0.3016604	1	0.4823156	2	0.426708	5	0.4156429	10	0.4340908
m+p Xylene	0.8	1.751785	1	1.282864	2	1.749905	4	1.6782	10	1.625664	20	1.672519
o-Xylene	0.4	1.804133	0.5	1.188445	1	1.811091	2	1.706767	5	1.637269	10	1.720588
1,2-Dichloroethane-d4	25	0.4956343	25	0.5198699	25	0.5170894	25	0.5052391	25	0.5219849	25	0.5111335
Toluene-d8	25	1.166724	25	1.155031	25	1.164317	25	1.159459	25	1.183646	25	1.182693
4-Bromofluorobenzene	25	0.8763885	25	0.8885085	25	0.8819705	25	0.8765671	25	0.8888905	25	0.8816218
Acetone			5	0.0666391	10	6.651546E-02	20	5.551938E-02	50	6.145517E-02	100	5.611244E-02
Acrolein					10	2.148826E-02	20	2.177646E-02	50	2.012927E-02	100	2.007619E-02
Acrylonitrile			0.5	8.321668E-02	1	6.759063E-02	2	6.284532E-02	5	7.051897E-02	10	6.399828E-02
tert-Amyl Methyl Ether (TAME)	0.4	0.5979315	0.5	0.699032	1	0.7201512	2	0.6618295	5	0.6786593	10	0.6402614
Benzene	0.4	1.294615	0.5	1.008046	1	1.295457	2	1.222794	5	1.139091	10	1.190096
Bromobenzene	0.4	0.8001898	0.5	0.6732856	1	0.7913325	2	0.7472472	5	0.7161746	10	0.7304436
Bromochloromethane	0.4	0.2781758	0.5	0.2492913	1	0.2606981	2	0.2440629	5	0.2408144	10	0.2438948
Bromodichloromethane	0.4	0.3210536	0.5	0.3154695	1	0.3314717	2	0.295782	5	0.3015276	10	0.3040318
Bromoform	0.4	0.2828743	0.5	0.329959	1	0.3022569	2	0.3044914	5	0.2998629	10	0.2800692
Bromomethane	0.4	0.1589994	0.5	0.1432379	1	0.2155169	2	0.1635	5	0.1507001	10	0.1574322
2-Butanone (MEK)			5	0.0618924	10	6.442552E-02	20	6.132002E-02	50	6.938359E-02	100	6.404855E-02
tert-Butyl Alcohol (TBA)	4	1.658074E-02	5	1.370206E-02	10	1.167886E-02	20	1.299434E-02	50	1.298767E-02	100	1.052627E-02
n-Butylbenzene	0.4	1.77549	0.5	1.189116	1	1.804805	2	1.774208	5	1.732839	10	1.749867
sec-Butylbenzene	0.4	2.224219	0.5	1.584315	1	2.415086	2	2.36843	5	2.212945	10	2.336316

6 - FORM VI

INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1200253

Instrument: GCMSVOA5

Calibration Date: 11/17/2012 12:00:58AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
tert-Butylbenzene	0.4	1.600985	0.5	1.090643	1	1.60661	2	1.536917	5	1.446419	10	1.49007
tert-Butyl Ethyl Ether (TBEE)	0.4	0.6510046	0.5	0.6793039	1	0.7797687	2	0.7497107	5	0.7636806	10	0.712945
Carbon Disulfide	4	0.9333896	5	0.6415037	10	1.017124	20	0.9540572	50	0.8951238	100	0.939372
Carbon Tetrachloride	0.4	0.4423727	0.5	0.3185788	1	0.4992284	2	0.433245	5	0.4329205	10	0.4436514
Chlorobenzene	0.4	1.305084	0.5	1.061791	1	1.303828	2	1.278681	5	1.241831	10	1.258265
Chlorodibromomethane	0.4	0.2455026	0.5	0.2415794	1	0.2413589	2	0.2340729	5	0.229916	10	0.2275559
Chloroethane	0.4	0.1935518	0.5	0.1782104	1	0.2364464	2	0.1874089	5	0.1672252	10	0.1901778
2-Chloroethyl Vinyl Ether			5	0.0370846	10	4.475112E-02	20	4.225796E-02	50	4.298381E-02	100	4.001049E-02
Chloroform	0.4	0.5029858	0.5	0.494637	1	0.5766948	2	0.5359585	5	0.5308066	10	0.5573177
Chloromethane	0.4	0.6420004	0.5	0.565718	1	0.6312083	2	0.5496486	5	0.4808883	10	0.4760881
2-Chlorotoluene	0.4	1.387128	0.5	1.182861	1	1.42591	2	1.401131	5	1.388004	10	1.411042
4-Chlorotoluene	0.4	1.608521	0.5	1.256552	1	1.615428	2	1.512578	5	1.409198	10	1.493365
Cyclohexane			0.5	0.4262463	1	0.5045438	2	0.4774261	5	0.439982	10	0.4487148
1,2-Dibromo-3-chloropropane (DBCP)					1	8.133803E-02	2	7.700916E-02	5	7.377083E-02	10	5.528594E-02
1,2-Dibromoethane (EDB)	0.4	0.1861011	0.5	0.1965065	1	0.2004337	2	0.1937878	5	0.192437	10	0.1829816
Dibromomethane	0.4	0.1473321	0.5	0.1694135	1	0.1524876	2	0.1248754	5	0.1360379	10	0.1280658
1,2-Dichlorobenzene	0.4	0.9110645	0.5	0.877258	1	0.9921605	2	0.918218	5	0.9035334	10	0.89379
1,3-Dichlorobenzene	0.4	0.9977979	0.5	0.8807749	1	1.042598	2	0.9940901	5	0.9781943	10	0.9971597
1,4-Dichlorobenzene	0.4	1.043917	0.5	0.854112	1	1.02678	2	0.9536112	5	0.9350048	10	0.9615776
cis-1,4-Dichloro-2-butene					1	0.1646447	2	0.1293182	5	0.1296951	10	0.1113851
trans-1,4-Dichloro-2-butene							2	0.1501363	5	0.1352045	10	0.1038
Dichlorodifluoromethane (Freon 12)					1	0.500829	2	0.4680639	5	0.4371466	10	0.4330945
1,1-Dichloroethane	0.4	0.4954457	0.5	0.4001216	1	0.5673324	2	0.5428261	5	0.495204	10	0.5232426
1,2-Dichloroethane					1	0.3582939	2	0.3206165	5	0.2762227	10	0.2683327
1,1-Dichloroethylene	0.4	0.4781695	0.5	0.3015409	1	0.4798693	2	0.5610545	5	0.449277	10	0.4604375
cis-1,2-Dichloroethylene	0.4	0.4759002	0.5	0.386013	1	0.454923	2	0.4412547	5	0.4113988	10	0.4313744

6 - FORM VI

INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1200253

Instrument: GCMSVOA5

Calibration Date: 11/17/2012 12:00:58AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
trans-1,2-Dichloroethylene	0.4	0.471874	0.5	0.2911388	1	0.4741914	2	0.4278651	5	0.4100924	10	0.4259779
Dichlorofluoromethane (Freon 2)	0.4	0.7350429	0.5	0.538278	1	0.705866	2	0.6131702	5	0.6315403	10	0.6631528
1,2-Dichloropropane	0.4	0.2407647	0.5	0.230578	1	0.2351723	2	0.2055902	5	0.1984727	10	0.2072202
1,3-Dichloropropane	0.4	0.2881433	0.5	0.2615298	1	0.2967942	2	0.2925575	5	0.2918663	10	0.2788314
2,2-Dichloropropane	0.4	0.4950797	0.5	0.3376493	1	0.4676679	2	0.4552905	5	0.4403613	10	0.4464526
1,1-Dichloropropene	0.4	0.4483022	0.5	0.3124212	1	0.4579431	2	0.4452821	5	0.4085272	10	0.4302448
cis-1,3-Dichloropropene	0.4	0.3561036	0.5	0.3342294	1	0.3637072	2	0.3298661	5	0.3450834	10	0.340461
trans-1,3-Dichloropropene	0.4	0.2979757	0.5	0.2908805	1	0.2990531	2	0.2826361	5	0.2856417	10	0.2765439
Diethyl Ether	0.4	0.1953819	0.5	0.2523402	1	0.2621477	2	0.2238508	5	0.216391	10	0.2080906
Diisopropyl Ether (DIPE)	0.4	0.7034919	0.5	0.5599191	1	0.763309	2	0.6924256	5	0.7065081	10	0.7139171
1,4-Dioxane											100	1.386804E-03
Ethyl Acetate			0.5	4.621156E-02	1	0.1605806	2	0.1222493	5	0.1554319	10	0.1490497
Ethylbenzene	0.4	2.176358	0.5	1.59311	1	2.189961	2	2.163282	5	2.023959	10	2.12916
Ethyl Methacrylate			0.5	0.2452329	1	0.2274187	2	0.228151	5	0.2212114	10	0.193257
Hexachlorobutadiene	0.4	0.2910504	0.5	0.1984177	1	0.2801462	2	0.2906708	5	0.2541313	10	0.2629644
2-Hexanone (MBK)			5	9.210396E-02	10	0.0914844	20	9.281373E-02	50	0.1035989	100	8.275282E-02
Iodomethane	4	0.2812723	5	0.2275067	10	0.3735515	20	0.3763386	50	0.3643623	100	0.4482481
Isopropylbenzene (Cumene)	0.4	2.409233	0.5	1.665785	1	2.393929	2	2.264065	5	2.107123	10	2.196795
p-Isopropyltoluene (p-Cymene)	0.4	1.845916	0.5	1.288161	1	1.806481	2	1.763789	5	1.699252	10	1.766729
Methyl Acetate	0.4	0.1815463	0.5	0.2839052	1	0.1897551	2	0.2189367	5	0.2135194	10	0.205253
Methyl tert-Butyl Ether (MTBE)	0.4	0.4523285	0.5	0.5962068	1	0.647366	2	0.637064	5	0.6476801	10	0.6005718
Methyl Cyclohexane					1	0.3474673	2	0.3386714	5	0.3128928	10	0.3264502
Methylene Chloride									5	0.4133493	10	0.4017449
4-Methyl-2-pentanone (MIBK)	4	0.1070501	5	0.1407236	10	0.1383255	20	0.1420828	50	0.1457558	100	0.1225066
Naphthalene	0.4	0.917193	0.5	1.206291	1	1.10023	2	1.068494	5	1.094436	10	0.8642669
n-Propylbenzene	0.4	2.707347	0.5	1.884912	1	2.610604	2	2.653419	5	2.415187	10	2.56541

6 - FORM VI

INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1200253

Instrument: GCMSVOA5

Calibration Date: 11/17/2012 12:00:58AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Styrene	0.4	1.346523	0.5	1.092334	1	1.345228	2	1.278703	5	1.257836	10	1.284779
1,1,1,2-Tetrachloroethane	0.4	0.5100088	0.5	0.4236166	1	0.4150789	2	0.4171254	5	0.4254069	10	0.4348867
1,1,2,2-Tetrachloroethane	0.4	0.4510332	0.5	0.5229427	1	0.4654897	2	0.4743858	5	0.4802059	10	0.4039114
Tetrachloroethylene	0.4	0.2625181	0.5	0.1680588	1	0.2646605	2	0.2565614	5	0.2383496	10	0.2525432
Tetrahydrofuran					1	5.496646E-02	2	5.605286E-02	5	6.151296E-02	10	4.752704E-02
Toluene	0.4	0.9540927	0.5	0.8235458	1	0.9745732	2	0.8989002	5	0.8572989	10	0.896767
1,2,3-Trichlorobenzene	0.4	0.3512963	0.5	0.4415734	1	0.3897277	2	0.3868444	5	0.4059192	10	0.3390198
1,2,4-Trichlorobenzene	0.4	0.4615049	0.5	0.477969	1	0.5248142	2	0.5069994	5	0.4978673	10	0.4711819
1,3,5-Trichlorobenzene	0.4	0.6377763	0.5	0.4895011	1	0.631412	2	0.6382561	5	0.6100261	10	0.5957457
1,1,1-Trichloroethane	0.4	0.573701	0.5	0.3699316	1	0.5507519	2	0.4988855	5	0.4802261	10	0.5033978
1,1,2-Trichloroethane	0.4	0.2030656	0.5	0.2033208	1	0.2011867	2	0.1808693	5	0.1821845	10	0.172334
Trichloroethylene	0.4	0.3062796	0.5	0.1979022	1	0.2496417	2	0.2423407	5	0.2133116	10	0.2256592
Trichlorofluoromethane (Freon	0.4	0.5633792	0.5	0.4266648	1	0.6911277	2	0.6439767	5	0.5959738	10	0.6192083
1,2,3-Trichloropropane	0.4	0.351975	0.5	0.367439	1	0.3156277	2	0.3476964	5	0.3447567	10	0.2937622
1,1,2-Trichloro-1,2,2-trifluoroeth	0.4	0.2830805	0.5	0.1992537	1	0.3216444	2	0.2906934	5	0.2694879	10	0.2766617
1,2,4-Trimethylbenzene	0.4	1.798965	0.5	1.330772	1	1.786616	2	1.735383	5	1.651122	10	1.700117
1,3,5-Trimethylbenzene	0.4	1.759457	0.5	1.357147	1	1.786218	2	1.791121	5	1.751854	10	1.773616
Vinyl Acetate	4	0.3355093	5	0.4148519	10	0.4555451	20	0.432414	50	0.474017	100	0.4324988
Vinyl Chloride	0.4	0.4548906	0.5	0.3016604	1	0.4823156	2	0.426708	5	0.4156429	10	0.4340908
m+p Xylene	0.8	1.751785	1	1.282864	2	1.749905	4	1.6782	10	1.625664	20	1.672519
o-Xylene	0.4	1.804133	0.5	1.188445	1	1.811091	2	1.706767	5	1.637269	10	1.720588
1,2-Dichloroethane-d4	25	0.4956343	25	0.5198699	25	0.5170894	25	0.5052391	25	0.5219849	25	0.5111335
Toluene-d8	25	1.166724	25	1.155031	25	1.164317	25	1.159459	25	1.183646	25	1.182693
4-Bromofluorobenzene	25	0.8763885	25	0.8885085	25	0.8819705	25	0.8765671	25	0.8888905	25	0.8816218

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1200253

Instrument: GCMSVOA5

Calibration Date: 11/17/2012 12:00:58AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Acetone	200	6.054341E-02	500	5.226587E-02	1000	5.587255E-02	2000	5.027045E-02				
Acrolein	200	2.153724E-02	500	1.973151E-02	1000	2.061065E-02						
Acrylonitrile	20	6.796986E-02	50	6.284541E-02	100	6.679882E-02	200	6.685288E-02				
tert-Amyl Methyl Ether (TAME)	20	0.6744494	50	0.6518861	100	0.7142881	200	0.6975623				
Benzene	20	1.10046	50	1.15578	100	1.086464	200	1.084184				
Bromobenzene	20	0.7136817	50	0.7543202	100	0.7869525	200	0.7798062				
Bromochloromethane	20	0.225083	50	0.2253068	100	0.2106993	200	0.1876497				
Bromodichloromethane	20	0.2953502	50	0.3143138	100	0.3144766	200	0.3138691				
Bromoform	20	0.3199753	50	0.3133184	100	0.3767246	200	0.3739262				
Bromomethane	20	0.1437833	50	0.1534027	100	0.1558486	200	0.1789623				
2-Butanone (MEK)	200	7.552205E-02	500	6.566001E-02	1000	7.408467E-02	2000	6.699459E-02				
tert-Butyl Alcohol (TBA)	200	1.486202E-02	500	1.106036E-02	1000	1.499107E-02	2000	1.282799E-02				
n-Butylbenzene	20	1.640685	50	1.803815	100	1.806034	200	1.825504				
sec-Butylbenzene	20	2.158906	50	2.364364	100	2.347073	200	2.238895				
tert-Butylbenzene	20	1.371787	50	1.488896	100	1.503778	200	1.501393				
tert-Butyl Ethyl Ether (TBEE)	20	0.720542	50	0.7248064	100	0.7484765	200	0.7407943				
Carbon Disulfide	200	0.841657										
Carbon Tetrachloride	20	0.4105902	50	0.4168258	100	0.4145645	200	0.3977597				
Chlorobenzene	20	1.196419	50	1.268305	100	1.292147	200	1.247062				
Chlorodibromomethane	20	0.2348511	50	0.2402505	100	0.2574323	200	0.2589434				
Chloroethane	20	0.1534821	50	0.1518397								
2-Chloroethyl Vinyl Ether	200	4.385552E-02	500	4.020455E-02	1000	4.623036E-02						
Chloroform	20	0.5206109	50	0.5462884	100	0.520825	200	0.5154719				
Chloromethane	20	0.3571929	50	0.3039019	100	0.2667898	200	0.2751864				
2-Chlorotoluene	20	1.339675	50	1.428548	100	1.452018	200	1.498209				
4-Chlorotoluene	20	1.401803	50	1.520334	100	1.566518	200	1.586389				

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1200253

Instrument: GCMSVOA5

Calibration Date: 11/17/2012 12:00:58AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Cyclohexane	20	0.4062304	50	0.3814414	100	0.3707371	200	0.3565344				
1,2-Dibromo-3-chloropropane (D	20	6.765315E-02	50	5.258882E-02	100	6.968739E-02	200	6.530465E-02				
1,2-Dibromoethane (EDB)	20	0.1935109	50	0.1830949	100	0.2002747	200	0.1948603				
Dibromomethane	20	0.1325531	50	0.1290859	100	0.1351302	200	0.1286281				
1,2-Dichlorobenzene	20	0.8878136	50	0.9202817	100	0.9412	200	0.9487763				
1,3-Dichlorobenzene	20	0.9503021	50	1.037611	100	1.030404	200	1.049359				
1,4-Dichlorobenzene	20	0.9116518	50	0.9795617	100	0.9905343	200	0.979228				
cis-1,4-Dichloro-2-butene	20	0.1293661	50	0.110917	100	0.1369412	200	0.1316048				
trans-1,4-Dichloro-2-butene	20	0.1239201	50	0.1086779	100	0.138195	200	0.1302226				
Dichlorodifluoromethane (Freon	20	0.402595	50	0.3867242	100	0.3873064	200	0.3364002				
1,1-Dichloroethane	20	0.4805037	50	0.5081328	100	0.4803413	200	0.464894				
1,2-Dichloroethane	20	0.2592004	50	0.2587861	100	0.2618119	200	0.2521881				
1,1-Dichloroethylene	20	0.4258813	50	0.4319962	100	0.448486	200	0.43033				
cis-1,2-Dichloroethylene	20	0.3994205	50	0.4109909	100	0.3987207	200	0.3914328				
trans-1,2-Dichloroethylene	20	0.3858683	50	0.3807015	100	0.3671593	200	0.3561188				
Dichlorofluoromethane (Freon 2	20	0.5977113	50	0.6400504	100	0.594981	200	0.577368				
1,2-Dichloropropane	20	0.1955553	50	0.2100381	100	0.2079121	200	0.2022138				
1,3-Dichloropropane	20	0.2893461	50	0.2805098	100	0.3065952	200	0.2922348				
2,2-Dichloropropane	20	0.4055163	50	0.4327483	100	0.4191349	200	0.4061357				
1,1-Dichloropropene	20	0.3978214	50	0.3888613	100	0.3765559	200	0.36825				
cis-1,3-Dichloropropene	20	0.3367313	50	0.3479972	100	0.3532995	200	0.3473734				
trans-1,3-Dichloropropene	20	0.281404	50	0.284444	100	0.3000674	200	0.2979364				
Diethyl Ether	20	0.2054306	50	0.1994794	100	0.1977857	200	0.1828031				
Diisopropyl Ether (DIPE)	20	0.6981082	50	0.7347483	100	0.723131	200	0.7186574				
1,4-Dioxane	200	1.632127E-03	500	1.294221E-03	1000	1.796424E-03	2000	1.544123E-03				
Ethyl Acetate	20	0.1774384	50	0.1575294	100	0.1843869	200	0.1699295				

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1200253

Instrument: GCMSVOA5

Calibration Date: 11/17/2012 12:00:58AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Ethylbenzene	20	1.976261	50	2.090049	100	2.131665	200	2.082074				
Ethyl Methacrylate	20	0.2195085	50	0.1937734	100	0.2316815	200	0.2221936				
Hexachlorobutadiene	20	0.2578441	50	0.285612	100	0.3151533	200	0.3403588				
2-Hexanone (MBK)	200	0.1083849	500	0.083837	1000	0.1171181	2000	0.1070841				
Iodomethane	200	0.4398493	500	0.474227								
Isopropylbenzene (Cumene)	20	2.044375	50	2.212402	100	2.27845	200	2.229843				
p-Isopropyltoluene (p-Cymene)	20	1.614305	50	1.761821	100	1.787562	200	1.774351				
Methyl Acetate	20	0.2290644	50	0.1975088	100	0.2224998	200	0.2108528				
Methyl tert-Butyl Ether (MTBE)	20	0.6186623	50	0.6087124	100	0.6447944	200	0.6342556				
Methyl Cyclohexane	20	0.3075357	50	0.2876499	100	0.2925242	200	0.279175				
Methylene Chloride	20	0.3563198	50	0.3456252	100	0.3093504	200	0.2991549				
4-Methyl-2-pentanone (MIBK)	200	0.1560745	500	0.126891	1000	0.1688889	2000	0.1476557				
Naphthalene	20	1.091726	50	0.8671449	100	1.137537	200	1.04737				
n-Propylbenzene	20	2.448911	50	2.595316	100	2.683716	200	2.471427				
Styrene	20	1.232582	50	1.303962	100	1.359141	200	1.355586				
1,1,1,2-Tetrachloroethane	20	0.4205136	50	0.4539134	100	0.4735181	200	0.4643304				
1,1,2,2-Tetrachloroethane	20	0.4643764	50	0.4140324	100	0.511604	200	0.4895717				
Tetrachloroethylene	20	0.2451416	50	0.2500201	100	0.2574093	200	0.2512622				
Tetrahydrofuran	20	4.197575E-02	50	3.951112E-02	100	4.560766E-02	200	4.170074E-02				
Toluene	20	0.8553532	50	0.8825497	100	0.8928344	200	0.893368				
1,2,3-Trichlorobenzene	20	0.4144247	50	0.3525138	100	0.4618208	200	0.4300212				
1,2,4-Trichlorobenzene	20	0.5152498	50	0.5024641	100	0.5866366	200	0.5817977				
1,3,5-Trichlorobenzene	20	0.6058041	50	0.6631226	100	0.6990094	200	0.7029769				
1,1,1-Trichloroethane	20	0.4604979	50	0.4786793	100	0.4673676	200	0.4568096				
1,1,2-Trichloroethane	20	0.1745044	50	0.1755841	100	0.187	200	0.1826223				
Trichloroethylene	20	0.214873	50	0.2173243	100	0.216265	200	0.2137027				

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1200253

Instrument: GCMSVOA5

Calibration Date: 11/17/2012 12:00:58AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Trichlorofluoromethane (Freon)	20	0.5684823	50	0.5766195	100	0.5597251	200	0.5127239				
1,2,3-Trichloropropane	20	0.3441875	50	0.2914509	100	0.3655079	200	0.3467663				
1,1,2-Trichloro-1,2,2-trifluoroeth	20	0.2589236	50	0.2601548	100	0.2536255	200	0.2420225				
1,2,4-Trimethylbenzene	20	1.567026	50	1.707526	100	1.707249	200	1.706108				
1,3,5-Trimethylbenzene	20	1.708083	50	1.830314	100	1.900855	200	1.931026				
Vinyl Acetate	200	0.4832639	500	0.4531989	1000	0.4939151						
Vinyl Chloride	20	0.3456595	50	0.378924								
m+p Xylene	40	1.608106	100	1.693664	200	1.741313	400	1.562668				
o-Xylene	20	1.604376	50	1.687048	100	1.746691	200	1.753869				
1,2-Dichloroethane-d4	25	0.5216525	25	0.4691344	25	0.4642197	25	0.4585178				
Toluene-d8	25	1.181086	25	1.181788	25	1.162477	25	1.156368				
4-Bromofluorobenzene	25	0.8889604	25	0.9014738	25	0.9373076	25	0.9689713				
Acetone	200	6.054341E-02	500	5.226587E-02	1000	5.587255E-02	2000	5.027045E-02				
Acrolein	200	2.153724E-02	500	1.973151E-02	1000	2.061065E-02						
Acrylonitrile	20	6.796986E-02	50	6.284541E-02	100	6.679882E-02	200	6.685288E-02				
tert-Amyl Methyl Ether (TAME)	20	0.6744494	50	0.6518861	100	0.7142881	200	0.6975623				
Benzene	20	1.10046	50	1.15578	100	1.086464	200	1.084184				
Bromobenzene	20	0.7136817	50	0.7543202	100	0.7869525	200	0.7798062				
Bromochloromethane	20	0.225083	50	0.2253068	100	0.2106993	200	0.1876497				
Bromodichloromethane	20	0.2953502	50	0.3143138	100	0.3144766	200	0.3138691				
Bromoform	20	0.3199753	50	0.3133184	100	0.3767246	200	0.3739262				
Bromomethane	20	0.1437833	50	0.1534027	100	0.1558486	200	0.1789623				
2-Butanone (MEK)	200	7.552205E-02	500	6.566001E-02	1000	7.408467E-02	2000	6.699459E-02				
tert-Butyl Alcohol (TBA)	200	1.486202E-02	500	1.106036E-02	1000	1.499107E-02	2000	1.282799E-02				
n-Butylbenzene	20	1.640685	50	1.803815	100	1.806034	200	1.825504				
sec-Butylbenzene	20	2.158906	50	2.364364	100	2.347073	200	2.238895				

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1200253

Instrument: GCMSVOA5

Calibration Date: 11/17/2012 12:00:58AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
tert-Butylbenzene	20	1.371787	50	1.488896	100	1.503778	200	1.501393				
tert-Butyl Ethyl Ether (TBEE)	20	0.720542	50	0.7248064	100	0.7484765	200	0.7407943				
Carbon Disulfide	200	0.841657										
Carbon Tetrachloride	20	0.4105902	50	0.4168258	100	0.4145645	200	0.3977597				
Chlorobenzene	20	1.196419	50	1.268305	100	1.292147	200	1.247062				
Chlorodibromomethane	20	0.2348511	50	0.2402505	100	0.2574323	200	0.2589434				
Chloroethane	20	0.1534821	50	0.1518397								
2-Chloroethyl Vinyl Ether	200	4.385552E-02	500	4.020455E-02	1000	4.623036E-02						
Chloroform	20	0.5206109	50	0.5462884	100	0.520825	200	0.5154719				
Chloromethane	20	0.3571929	50	0.3039019	100	0.2667898	200	0.2751864				
2-Chlorotoluene	20	1.339675	50	1.428548	100	1.452018	200	1.498209				
4-Chlorotoluene	20	1.401803	50	1.520334	100	1.566518	200	1.586389				
Cyclohexane	20	0.4062304	50	0.3814414	100	0.3707371	200	0.3565344				
1,2-Dibromo-3-chloropropane (D	20	6.765315E-02	50	5.258882E-02	100	6.968739E-02	200	6.530465E-02				
1,2-Dibromoethane (EDB)	20	0.1935109	50	0.1830949	100	0.2002747	200	0.1948603				
Dibromomethane	20	0.1325531	50	0.1290859	100	0.1351302	200	0.1286281				
1,2-Dichlorobenzene	20	0.8878136	50	0.9202817	100	0.9412	200	0.9487763				
1,3-Dichlorobenzene	20	0.9503021	50	1.037611	100	1.030404	200	1.049359				
1,4-Dichlorobenzene	20	0.9116518	50	0.9795617	100	0.9905343	200	0.979228				
cis-1,4-Dichloro-2-butene	20	0.1293661	50	0.110917	100	0.1369412	200	0.1316048				
trans-1,4-Dichloro-2-butene	20	0.1239201	50	0.1086779	100	0.138195	200	0.1302226				
Dichlorodifluoromethane (Freon	20	0.402595	50	0.3867242	100	0.3873064	200	0.3364002				
1,1-Dichloroethane	20	0.4805037	50	0.5081328	100	0.4803413	200	0.464894				
1,2-Dichloroethane	20	0.2592004	50	0.2587861	100	0.2618119	200	0.2521881				
1,1-Dichloroethylene	20	0.4258813	50	0.4319962	100	0.448486	200	0.43033				
cis-1,2-Dichloroethylene	20	0.3994205	50	0.4109909	100	0.3987207	200	0.3914328				

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1200253

Instrument: GCMSVOA5

Calibration Date: 11/17/2012 12:00:58AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
trans-1,2-Dichloroethylene	20	0.3858683	50	0.3807015	100	0.3671593	200	0.3561188				
Dichlorofluoromethane (Freon 2)	20	0.5977113	50	0.6400504	100	0.594981	200	0.577368				
1,2-Dichloropropane	20	0.1955553	50	0.2100381	100	0.2079121	200	0.2022138				
1,3-Dichloropropane	20	0.2893461	50	0.2805098	100	0.3065952	200	0.2922348				
2,2-Dichloropropane	20	0.4055163	50	0.4327483	100	0.4191349	200	0.4061357				
1,1-Dichloropropene	20	0.3978214	50	0.3888613	100	0.3765559	200	0.36825				
cis-1,3-Dichloropropene	20	0.3367313	50	0.3479972	100	0.3532995	200	0.3473734				
trans-1,3-Dichloropropene	20	0.281404	50	0.284444	100	0.3000674	200	0.2979364				
Diethyl Ether	20	0.2054306	50	0.1994794	100	0.1977857	200	0.1828031				
Diisopropyl Ether (DIPE)	20	0.6981082	50	0.7347483	100	0.723131	200	0.7186574				
1,4-Dioxane	200	1.632127E-03	500	1.294221E-03	1000	1.796424E-03	2000	1.544123E-03				
Ethyl Acetate	20	0.1774384	50	0.1575294	100	0.1843869	200	0.1699295				
Ethylbenzene	20	1.976261	50	2.090049	100	2.131665	200	2.082074				
Ethyl Methacrylate	20	0.2195085	50	0.1937734	100	0.2316815	200	0.2221936				
Hexachlorobutadiene	20	0.2578441	50	0.285612	100	0.3151533	200	0.3403588				
2-Hexanone (MBK)	200	0.1083849	500	0.083837	1000	0.1171181	2000	0.1070841				
Iodomethane	200	0.4398493	500	0.474227								
Isopropylbenzene (Cumene)	20	2.044375	50	2.212402	100	2.27845	200	2.229843				
p-Isopropyltoluene (p-Cymene)	20	1.614305	50	1.761821	100	1.787562	200	1.774351				
Methyl Acetate	20	0.2290644	50	0.1975088	100	0.2224998	200	0.2108528				
Methyl tert-Butyl Ether (MTBE)	20	0.6186623	50	0.6087124	100	0.6447944	200	0.6342556				
Methyl Cyclohexane	20	0.3075357	50	0.2876499	100	0.2925242	200	0.279175				
Methylene Chloride	20	0.3563198	50	0.3456252	100	0.3093504	200	0.2991549				
4-Methyl-2-pentanone (MIBK)	200	0.1560745	500	0.126891	1000	0.1688889	2000	0.1476557				
Naphthalene	20	1.091726	50	0.8671449	100	1.137537	200	1.04737				
n-Propylbenzene	20	2.448911	50	2.595316	100	2.683716	200	2.471427				

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1200253

Instrument: GCMSVOA5

Calibration Date: 11/17/2012 12:00:58AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Styrene	20	1.232582	50	1.303962	100	1.359141	200	1.355586				
1,1,1,2-Tetrachloroethane	20	0.4205136	50	0.4539134	100	0.4735181	200	0.4643304				
1,1,2,2-Tetrachloroethane	20	0.4643764	50	0.4140324	100	0.511604	200	0.4895717				
Tetrachloroethylene	20	0.2451416	50	0.2500201	100	0.2574093	200	0.2512622				
Tetrahydrofuran	20	4.197575E-02	50	3.951112E-02	100	4.560766E-02	200	4.170074E-02				
Toluene	20	0.8553532	50	0.8825497	100	0.8928344	200	0.893368				
1,2,3-Trichlorobenzene	20	0.4144247	50	0.3525138	100	0.4618208	200	0.4300212				
1,2,4-Trichlorobenzene	20	0.5152498	50	0.5024641	100	0.5866366	200	0.5817977				
1,3,5-Trichlorobenzene	20	0.6058041	50	0.6631226	100	0.6990094	200	0.7029769				
1,1,1-Trichloroethane	20	0.4604979	50	0.4786793	100	0.4673676	200	0.4568096				
1,1,2-Trichloroethane	20	0.1745044	50	0.1755841	100	0.187	200	0.1826223				
Trichloroethylene	20	0.214873	50	0.2173243	100	0.216265	200	0.2137027				
Trichlorofluoromethane (Freon)	20	0.5684823	50	0.5766195	100	0.5597251	200	0.5127239				
1,2,3-Trichloropropane	20	0.3441875	50	0.2914509	100	0.3655079	200	0.3467663				
1,1,2-Trichloro-1,2,2-trifluoroeth	20	0.2589236	50	0.2601548	100	0.2536255	200	0.2420225				
1,2,4-Trimethylbenzene	20	1.567026	50	1.707526	100	1.707249	200	1.706108				
1,3,5-Trimethylbenzene	20	1.708083	50	1.830314	100	1.900855	200	1.931026				
Vinyl Acetate	200	0.4832639	500	0.4531989	1000	0.4939151						
Vinyl Chloride	20	0.3456595	50	0.378924								
m+p Xylene	40	1.608106	100	1.693664	200	1.741313	400	1.562668				
o-Xylene	20	1.604376	50	1.687048	100	1.746691	200	1.753869				
1,2-Dichloroethane-d4	25	0.5216525	25	0.4691344	25	0.4642197	25	0.4585178				
Toluene-d8	25	1.181086	25	1.181788	25	1.162477	25	1.156368				
4-Bromofluorobenzene	25	0.8889604	25	0.9014738	25	0.9373076	25	0.9689713				

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Calibration: 1200253

Instrument: GCMSVOA5

Calibration Date: 11/17/2012 12:00:58AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Acetone	5.835487E-02	10.0			15	
Acrolein	2.076423E-02	4.0			15	
Acrylonitrile	6.807076E-02	9.1			15	
tert-Amyl Methyl Ether (TAME)	0.6736051	5.5			15	
Benzene	1.157699	8.1			15	
Bromobenzene	0.7493434	5.5			15	
Bromochloromethane	0.2365676	10.8			15	
Bromodichloromethane	0.3107346	3.7			15	
Bromoform	0.3183458	10.6			15	
Bromomethane	0.1621383	13.2			15	
2-Butanone (MEK)	6.703682E-02	7.5			15	
tert-Butyl Alcohol (TBA)	1.322114E-02	14.2			15	
n-Butylbenzene	1.710236	11.1			15	
sec-Butylbenzene	2.225055	10.8			15	
tert-Butylbenzene	1.46375	10.1			15	
tert-Butyl Ethyl Ether (TBEE)	0.7271033	5.3			15	
Carbon Disulfide	0.8888896	13.7			15	
Carbon Tetrachloride	0.4209737	10.8			15	
Chlorobenzene	1.245341	5.8			15	
Chlorodibromomethane	0.2411463	4.4			15	
Chloroethane	0.1822928	14.9			15	
2-Chloroethyl Vinyl Ether	0.0421723	7.0			15	
Chloroform	0.5301597	4.7			15	
Chloromethane	0.4548623	31.8	0.9979262		0.99	
2-Chlorotoluene	1.391453	6.1			15	
4-Chlorotoluene	1.497069	7.5			15	
Cyclohexane	0.4235396	11.7			15	

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Calibration: 1200253

Instrument: GCMSVOA5

Calibration Date: 11/17/2012 12:00:58AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,2-Dibromo-3-chloropropane (DBCP)	6.782975E-02	14.8			15	
1,2-Dibromoethane (EDB)	0.1923988	3.3			15	
Dibromomethane	0.138361	10.1			15	
1,2-Dichlorobenzene	0.9194096	3.7			15	
1,3-Dichlorobenzene	0.9958291	5.1			15	
1,4-Dichlorobenzene	0.9635978	5.7			15	
cis-1,4-Dichloro-2-butene	0.130484	12.8			15	
trans-1,4-Dichloro-2-butene	0.1271652	12.9			15	
Dichlorodifluoromethane (Freon 12)	0.41902	12.4			15	
1,1-Dichloroethane	0.4958044	9.2			15	
1,2-Dichloroethane	0.2819315	13.3			15	
1,1-Dichloroethylene	0.4467042	14.4			15	
cis-1,2-Dichloroethylene	0.4201429	7.1			15	
trans-1,2-Dichloroethylene	0.3990988	13.9			15	
Dichlorofluoromethane (Freon 21)	0.6297161	9.4			15	
1,2-Dichloropropane	0.2133517	7.5			15	
1,3-Dichloropropane	0.2878408	4.2			15	
2,2-Dichloropropane	0.4306036	9.9			15	
1,1-Dichloropropene	0.4034209	11.1			15	
cis-1,3-Dichloropropene	0.3454852	3.0			15	
trans-1,3-Dichloropropene	0.2896583	3.0			15	
Diethyl Ether	0.2143701	11.8			15	
Diisopropyl Ether (DIPE)	0.7014216	7.7			15	
1,4-Dioxane	1.53074E-03	13.0			15	
Ethyl Acetate	0.1469786	28.5	0.9978722		0.99	
Ethylbenzene	2.055588	8.6			15	
Ethyl Methacrylate	0.2202698	7.7			15	

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Calibration: 1200253

Instrument: GCMSVOA5

Calibration Date: 11/17/2012 12:00:58AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Hexachlorobutadiene	0.2776349	13.8			15	
2-Hexanone (MBK)	9.768643E-02	12.1			15	
Iodomethane	0.3731695	22.7	0.9991089		0.99	
Isopropylbenzene (Cumene)	2.1802	9.8			15	
p-Isopropyltoluene (p-Cymene)	1.710837	9.4			15	
Methyl Acetate	0.2152842	13.1			15	
Methyl tert-Butyl Ether (MTBE)	0.6087642	9.6			15	
Methyl Cyclohexane	0.3115458	7.9			15	
Methylene Chloride	0.3542574	13.2			15	
4-Methyl-2-pentanone (MIBK)	0.1395954	12.5			15	
Naphthalene	1.039469	11.3			15	
n-Propylbenzene	2.503625	9.6			15	
Styrene	1.285667	6.3			15	
1,1,1,2-Tetrachloroethane	0.4438399	7.0			15	
1,1,2,2-Tetrachloroethane	0.4677553	8.1			15	
Tetrachloroethylene	0.2446525	11.5			15	
Tetrahydrofuran	4.860682E-02	16.4	0.9975964		0.99	
Toluene	0.8929283	5.0			15	
1,2,3-Trichlorobenzene	0.3973161	10.4			15	
1,2,4-Trichlorobenzene	0.5126485	8.3			15	
1,3,5-Trichlorobenzene	0.627363	9.7			15	
1,1,1-Trichloroethane	0.4840248	11.5			15	
1,1,2-Trichloroethane	0.1862672	6.5			15	
Trichloroethylene	0.22973	13.4			15	
Trichlorofluoromethane (Freon 11)	0.5757881	12.5			15	
1,2,3-Trichloropropane	0.336917	8.1			15	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.2655548	12.2			15	

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Calibration: 1200253

Instrument: GCMSVOA5

Calibration Date: 11/17/2012 12:00:58AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,2,4-Trimethylbenzene	1.669088	8.1			15	
1,3,5-Trimethylbenzene	1.758969	8.9			15	
Vinyl Acetate	0.4416904	10.7	0.9985182		0.99	
Vinyl Chloride	0.4049865	14.7			15	
m+p Xylene	1.636669	8.5			15	
o-Xylene	1.666028	10.8			15	
1,2-Dichloroethane-d4	0.4984476	5.1			15	
Toluene-d8	1.169359	1.0			15	
4-Bromofluorobenzene	0.899066	3.4			15	
Acetone	5.835487E-02	10.0			15	
Acrolein	2.076423E-02	4.0			15	
Acrylonitrile	6.807076E-02	9.1			15	
tert-Amyl Methyl Ether (TAME)	0.6736051	5.5			15	
Benzene	1.157699	8.1			15	
Bromobenzene	0.7493434	5.5			15	
Bromochloromethane	0.2365676	10.8			15	
Bromodichloromethane	0.3107346	3.7			15	
Bromoform	0.3183458	10.6			15	
Bromomethane	0.1621383	13.2			15	
2-Butanone (MEK)	6.703682E-02	7.5			15	
tert-Butyl Alcohol (TBA)	1.322114E-02	14.2			15	
n-Butylbenzene	1.710236	11.1			15	
sec-Butylbenzene	2.225055	10.8			15	
tert-Butylbenzene	1.46375	10.1			15	
tert-Butyl Ethyl Ether (TBEE)	0.7271033	5.3			15	
Carbon Disulfide	0.8888896	13.7			15	
Carbon Tetrachloride	0.4209737	10.8			15	

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Calibration: 1200253

Instrument: GCMSVOA5

Calibration Date: 11/17/2012 12:00:58AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Chlorobenzene	1.245341	5.8			15	
Chlorodibromomethane	0.2411463	4.4			15	
Chloroethane	0.1822928	14.9			15	
2-Chloroethyl Vinyl Ether	0.0421723	7.0			15	
Chloroform	0.5301597	4.7			15	
Chloromethane	0.4548623	31.8	0.9979262		0.995	
2-Chlorotoluene	1.391453	6.1			15	
4-Chlorotoluene	1.497069	7.5			15	
Cyclohexane	0.4235396	11.7			15	
1,2-Dibromo-3-chloropropane (DBCP)	6.782975E-02	14.8			15	
1,2-Dibromoethane (EDB)	0.1923988	3.3			15	
Dibromomethane	0.138361	10.1			15	
1,2-Dichlorobenzene	0.9194096	3.7			15	
1,3-Dichlorobenzene	0.9958291	5.1			15	
1,4-Dichlorobenzene	0.9635978	5.7			15	
cis-1,4-Dichloro-2-butene	0.130484	12.8			15	
trans-1,4-Dichloro-2-butene	0.1271652	12.9			15	
Dichlorodifluoromethane (Freon 12)	0.41902	12.4			15	
1,1-Dichloroethane	0.4958044	9.2			15	
1,2-Dichloroethane	0.2819315	13.3			15	
1,1-Dichloroethylene	0.4467042	14.4			15	
cis-1,2-Dichloroethylene	0.4201429	7.1			15	
trans-1,2-Dichloroethylene	0.3990988	13.9			15	
Dichlorofluoromethane (Freon 21)	0.6297161	9.4			15	
1,2-Dichloropropane	0.2133517	7.5			15	
1,3-Dichloropropane	0.2878408	4.2			15	
2,2-Dichloropropane	0.4306036	9.9			15	

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Calibration: 1200253

Instrument: GCMSVOA5

Calibration Date: 11/17/2012 12:00:58AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,1-Dichloropropene	0.4034209	11.1			15	
cis-1,3-Dichloropropene	0.3454852	3.0			15	
trans-1,3-Dichloropropene	0.2896583	3.0			15	
Diethyl Ether	0.2143701	11.8			15	
Diisopropyl Ether (DIPE)	0.7014216	7.7			15	
1,4-Dioxane	1.53074E-03	13.0			15	
Ethyl Acetate	0.1469786	28.5	0.9978722		0.995	
Ethylbenzene	2.055588	8.6			15	
Ethyl Methacrylate	0.2202698	7.7			15	
Hexachlorobutadiene	0.2776349	13.8			15	
2-Hexanone (MBK)	9.768643E-02	12.1			15	
Iodomethane	0.3731695	22.7	0.9991089		0.995	
Isopropylbenzene (Cumene)	2.1802	9.8			15	
p-Isopropyltoluene (p-Cymene)	1.710837	9.4			15	
Methyl Acetate	0.2152842	13.1			15	
Methyl tert-Butyl Ether (MTBE)	0.6087642	9.6			15	
Methyl Cyclohexane	0.3115458	7.9			15	
Methylene Chloride	0.3542574	13.2			15	
4-Methyl-2-pentanone (MIBK)	0.1395954	12.5			15	
Naphthalene	1.039469	11.3			15	
n-Propylbenzene	2.503625	9.6			15	
Styrene	1.285667	6.3			15	
1,1,1,2-Tetrachloroethane	0.4438399	7.0			15	
1,1,2,2-Tetrachloroethane	0.4677553	8.1			15	
Tetrachloroethylene	0.2446525	11.5			15	
Tetrahydrofuran	4.860682E-02	16.4	0.9975964		0.995	
Toluene	0.8929283	5.0			15	

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Calibration: 1200253

Instrument: GCMSVOA5

Calibration Date: 11/17/2012 12:00:58AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,2,3-Trichlorobenzene	0.3973161	10.4			15	
1,2,4-Trichlorobenzene	0.5126485	8.3			15	
1,3,5-Trichlorobenzene	0.627363	9.7			15	
1,1,1-Trichloroethane	0.4840248	11.5			15	
1,1,2-Trichloroethane	0.1862672	6.5			15	
Trichloroethylene	0.22973	13.4			15	
Trichlorofluoromethane (Freon 11)	0.5757881	12.5			15	
1,2,3-Trichloropropane	0.336917	8.1			15	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.2655548	12.2			15	
1,2,4-Trimethylbenzene	1.669088	8.1			15	
1,3,5-Trimethylbenzene	1.758969	8.9			15	
Vinyl Acetate	0.4416904	10.7	0.9985182		0.995	
Vinyl Chloride	0.4049865	14.7			15	
m+p Xylene	1.636669	8.5			15	
o-Xylene	1.666028	10.8			15	
1,2-Dichloroethane-d4	0.4984476	5.1			15	
Toluene-d8	1.169359	1.0			15	
4-Bromofluorobenzene	0.899066	3.4			15	

6 - FORM VI

INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1300005

Instrument: GCMSVOA2

Calibration Date: 12/17/2012 12:00:02AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene									5	0.1569744	10	0.1645987
Ethyl Methacrylate												
Acetone	4	0.1593755	5	0.1576678	10	0.1127111	20	0.1381425	50	0.1085154	100	0.1309623
Acrolein	4	7.326618E-02	5	7.015637E-02	10	5.978355E-02	20	7.987591E-02	50	6.822942E-02	100	8.828934E-02
Acrylonitrile	0.4	0.1318791	0.5	0.1717972	1	0.1635029	2	0.1684882	5	0.1748435	10	0.1745047
tert-Amyl Methyl Ether (TAME)	0.4	1.060205	0.5	1.177687	1	1.155648	2	1.221406	5	1.231782	10	1.253048
Benzene	0.4	1.80752	0.5	1.87294	1	1.856682	2	1.966231	5	1.929151	10	1.966675
Bromobenzene	0.4	0.913723	0.5	0.8707025	1	0.9563588	2	0.9914825	5	1.014702	10	1.010399
Bromochloromethane					1	0.1803737	2	0.2026316	5	0.2106143	10	0.2104991
Bromodichloromethane					1	0.3022899	2	0.3194471	5	0.3495479	10	0.3639526
Bromoform			0.5	0.1246114	1	0.1389997	2	0.1699201	5	0.2089033	10	0.230653
Bromomethane	0.4	0.4805399	0.5	0.5942781	1	0.4556903	2	0.4435966	5	0.3120185	10	0.3103345
2-Butanone (MEK)	4	0.211179	5	0.2238973	10	0.2215994	20	0.2194715	50	0.2311744	100	0.2242496
tert-Butyl Alcohol (TBA)	4	3.723646E-02	5	3.972372E-02	10	3.666701E-02	20	4.092749E-02	50	0.0415965	100	4.066604E-02
n-Butylbenzene					1	1.186487	2	1.392049	5	1.50646	10	1.593138
sec-Butylbenzene	0.4	1.854784	0.5	1.83671	1	2.003151	2	2.163509	5	2.186753	10	2.226516
tert-Butylbenzene	0.4	1.354563	0.5	1.429422	1	1.508052	2	1.580154	5	1.59381	10	1.587625
tert-Butyl Ethyl Ether (TBEE)	0.4	1.187343	0.5	1.243952	1	1.259385	2	1.398007	5	1.359146	10	1.37939
Carbon Disulfide	4	1.040078	5	1.091473	10	0.9841762	20	1.366466	50	1.111031	100	1.426655
Carbon Tetrachloride					1	0.3885662	2	0.438426	5	0.4647335	10	0.4763917
Chlorobenzene	0.4	1.355593	0.5	1.382161	1	1.399129	2	1.490107	5	1.494307	10	1.495427
Chlorodibromomethane	0.4	0.1378977	0.5	0.1331438	1	0.170074	2	0.1865617	5	0.2158058	10	0.2337049
Chloroethane	0.4	0.2710849	0.5	0.2857443	1	0.2518052	2	0.3240501	5	0.2437711	10	0.3029452
2-Chloroethyl Vinyl Ether	4	0.1887648	5	0.1976006	10	0.2122243	20	0.2242371	50	0.2402316	100	0.2368301
Chloroform	0.4	0.7623992	0.5	0.8481172	1	0.8284625	2	0.8345963	5	0.8227634	10	0.8293869
Chloromethane	0.4	0.6550858	0.5	0.6419606	1	0.6186548	2	0.6592437	5	0.5828594	10	0.5995238

6 - FORM VI

INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1300005

Instrument: GCMSVOA2

Calibration Date: 12/17/2012 12:00:02AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	0.4	1.507963	0.5	1.573022	1	1.609759	2	1.727041	5	1.72766	10	1.731309
4-Chlorotoluene	0.4	1.655416	0.5	1.718139	1	1.826477	2	1.912969	5	1.975797	10	2.012089
Cyclohexane									5	0.706213	10	0.6542825
1,2-Dibromo-3-chloropropane (DBCP)							2	0.0389308	5	0.0632472	10	0.0649107
1,2-Dibromoethane (EDB)			0.5	0.2043914	1	0.2268037	2	0.2540825	5	0.2684049	10	0.2683563
Dibromomethane	0.4	0.1553426	0.5	0.151401	1	0.1660466	2	0.1837814	5	0.1904155	10	0.1876009
1,2-Dichlorobenzene	0.4	1.01487	0.5	1.075493	1	1.15048	2	1.225896	5	1.234381	10	1.229133
1,3-Dichlorobenzene	0.4	1.171189	0.5	1.144517	1	1.185737	2	1.241662	5	1.235538	10	1.256701
1,4-Dichlorobenzene	0.4	1.134514	0.5	1.262493	1	1.220244	2	1.291751	5	1.255833	10	1.275581
trans-1,4-Dichloro-2-butene							2	0.1130481	5	0.1492751	10	0.151714
Dichlorodifluoromethane (Freon 22)	0.4	0.5546681	0.5	0.5553608	1	0.5775547	2	0.6145809	5	0.5899133	10	0.6104932
1,1-Dichloroethane	0.4	0.7037863	0.5	0.761868	1	0.7961568	2	0.8349528	5	0.8210089	10	0.802616
1,2-Dichloroethane	0.4	0.3890487	0.5	0.4232549	1	0.4416401	2	0.4582903	5	0.4592117	10	0.4645185
1,1-Dichloroethylene	0.4	0.5111393	0.5	0.5606199	1	0.5159943	2	0.6583522	5	0.5409657	10	0.6517783
cis-1,2-Dichloroethylene	0.4	0.6744798	0.5	0.7257556	1	0.7442882	2	0.7777203	5	0.7762865	10	0.7790724
trans-1,2-Dichloroethylene	0.4	0.6029375	0.5	0.5876166	1	0.6538321	2	0.6916041	5	0.6905298	10	0.6566457
Dichlorofluoromethane (Freon 21)	0.4	0.7460221	0.5	0.7916696	1	0.7286737	2	0.8822009	5	0.7137682	10	0.8528246
1,2-Dichloropropane	0.4	0.2577967	0.5	0.2674009	1	0.2754785	2	0.3060564	5	0.3069622	10	0.3073674
1,3-Dichloropropane	0.4	0.4062167	0.5	0.43461	1	0.4601665	2	0.5060655	5	0.5111663	10	0.5035182
2,2-Dichloropropane	0.4	0.5051056	0.5	0.5031204	1	0.5027131	2	0.5476314	5	0.5616977	10	0.5699665
1,1-Dichloropropene	0.4	0.5930251	0.5	0.589019	1	0.6125526	2	0.6502398	5	0.6435157	10	0.6326789
cis-1,3-Dichloropropene	0.4	0.3148387	0.5	0.3339728	1	0.34337	2	0.3899184	5	0.4281817	10	0.4613447
trans-1,3-Dichloropropene	0.4	0.2093386	0.5	0.224875	1	0.268114	2	0.285403	5	0.3320992	10	0.3603384
Diethyl Ether	0.4	0.3171995	0.5	0.3407896	1	0.3097761	2	0.4096315	5	0.3209343	10	0.3981247
Difluorochloromethane (Freon 21)	0.4	0.5262235	0.5	0.5430895	1	0.5951434	2	0.6231391	5	0.5970388	10	0.607019
Diisopropyl Ether (DIPE)	0.4	1.330859	0.5	1.41049	1	1.409786	2	1.509352	5	1.496607	10	1.401399

6 - FORM VI

INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1300005

Instrument: GCMSVOA2

Calibration Date: 12/17/2012 12:00:02AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane									50	2.573556E-03	100	2.686952E-03
Ethyl Acetate					1	0.525686	2	0.5117942	5	0.5226685	10	0.4702545
Ethylbenzene	0.4	2.087457	0.5	2.114451	1	2.280813	2	2.42074	5	2.485134	10	2.49479
Hexachlorobutadiene	0.4	0.2675458	0.5	0.251128	1	0.234797	2	0.2595387	5	0.2683668	10	0.263025
2-Hexanone (MBK)	4	0.155841	5	0.1765826	10	0.1862184	20	0.1931038	50	0.2210151	100	0.2141915
Iodomethane					10	0.3924429	20	0.5161178	50	0.4985958	100	0.6035906
Isopropylbenzene (Cumene)	0.4	1.737499	0.5	1.822245	1	1.88228	2	2.116097	5	2.14133	10	2.210173
p-Isopropyltoluene (p-Cymene)	0.4	1.451361	0.5	1.385365	1	1.528306	2	1.635457	5	1.703191	10	1.755369
Methyl Acetate	0.4	0.536136	0.5	0.5581656	1	0.4865602	2	0.5208872	5	0.4984275	10	0.4288284
Methyl tert-Butyl Ether (MTBE)	0.4	1.09339	0.5	1.201879	1	1.288999	2	1.30253	5	1.334189	10	1.282852
Methyl Cyclohexane	0.4	0.2577967	0.5	0.2658424	1	0.279506	2	0.3082693	5	0.2957978	10	0.2968522
Methylene Chloride							2	0.8337048	5	0.734178	10	0.6529422
4-Methyl-2-pentanone (MIBK)	4	0.260538	5	0.2755276	10	0.2858348	20	0.3004562	50	0.3257275	100	0.3124058
Naphthalene							2	0.2161205	5	0.4282202	10	0.4732087
n-Propylbenzene	0.4	1.957206	0.5	2.052539	1	2.180165	2	2.352037	5	2.409493	10	2.536189
Styrene					1	1.266014	2	1.442681	5	1.566877	10	1.654836
1,1,1,2-Tetrachloroethane							2	0.3636032	5	0.4004013	10	0.4244611
1,1,2,2-Tetrachloroethane			0.5	0.5016004	1	0.5643187	2	0.5932788	5	0.6305594	10	0.6224648
Tetrachloroethylene	0.4	0.2179226	0.5	0.1990478	1	0.2062061	2	0.2199816	5	0.2155526	10	0.213725
Tetrahydrofuran					1	0.1306587	2	0.1157131	5	0.1265404	10	0.127735
Toluene	0.4	1.185699	0.5	1.251285	1	1.237237	2	1.325393	5	1.309222	10	1.30338
1,2,3-Trichlorobenzene					1	0.0545109	2	8.356174E-02	5	0.1695912	10	0.1668867
1,2,4-Trichlorobenzene									5	0.2954589	10	0.3156346
1,3,5-Trichlorobenzene					1	0.4545909	2	0.5061004	5	0.5739009	10	0.585841
1,1,1-Trichloroethane	0.4	0.4714894	0.5	0.5255592	1	0.5820416	2	0.6181468	5	0.6390757	10	0.653436
1,1,2-Trichloroethane	0.4	0.2087848	0.5	0.2304413	1	0.2292202	2	0.2665653	5	0.2718348	10	0.2706378

6 - FORM VI

INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1300005

Instrument: GCMSVOA2

Calibration Date: 12/17/2012 12:00:02AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	0.4	0.2627809	0.5	0.2767522	1	0.273062	2	0.2986235	5	0.2949001	10	0.2970217
Trichlorofluoromethane (Freon	0.4	0.497779	0.5	0.5413365	1	0.5502743	2	0.6190383	5	0.5295076	10	0.6019399
1,2,3-Trichloropropane			0.5	0.1395963	1	0.1625384	2	0.1644517	5	0.1874437	10	0.1863915
1,1,2-Trichloro-1,2,2-trifluoroeth	0.4	0.2551387	0.5	0.2822383	1	0.2566511	2	0.3396509	5	0.2800432	10	0.3301217
1,2,4-Trimethylbenzene	0.4	1.681631	0.5	1.720202	1	1.991148	2	2.112087	5	2.154069	10	2.223018
1,3,5-Trimethylbenzene	0.4	1.366407	0.5	1.463001	1	1.561464	2	1.696318	5	1.812843	10	1.880836
Vinyl Acetate	4	0.9647001	5	0.9999649	10	0.9851274	20	1.012053	50	1.074068	100	0.9754576
Vinyl Chloride	0.4	0.5693213	0.5	0.5427389	1	0.5384289	2	0.6174336	5	0.549058	10	0.6190289
m+p Xylene	0.8	1.653942	1	1.712027	2	1.80446	4	1.916796	10	1.97682	20	2.009296
o-Xylene	0.4	1.727177	0.5	1.726026	1	1.851842	2	2.0116	5	2.060857	10	2.11473
1,2-Dichloroethane-d4	25	0.6237313	25	0.6383844	25	0.6277722	25	0.6356838	25	0.6162096	25	0.6136712
Toluene-d8	25	1.254091	25	1.253315	25	1.258203	25	1.261756	25	1.275858	25	1.26769
4-Bromofluorobenzene	25	0.8623501	25	0.8603708	25	0.8503538	25	0.8677003	25	0.8743959	25	0.8764098

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1300005

Instrument: GCMSVOA2

Calibration Date: 12/17/2012 12:00:02AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
cis-1,4-Dichloro-2-butene	20	0.1968317	50	0.2050189	100	0.2248076						
Ethyl Methacrylate			50	0.5819217	100	0.5851145	200	0.5494174				
Acetone	200	0.1133167	500	0.141425	1000	0.1163208	2000	0.1229302				
Acrolein	200	7.469941E-02	500	8.543174E-02	1000	6.638929E-02	2000	7.572584E-02				
Acrylonitrile	20	0.1876101	50	0.1803046	100	0.2014551	200	0.165549				
tert-Amyl Methyl Ether (TAME)	20	1.33116	50	1.398233	100	1.429291	200	1.380949				
Benzene	20	2.041253	50	2.10016	100	2.069013	200	1.91813				
Bromobenzene	20	1.061238	50	1.110521	100	1.110985	200	1.075277				
Bromochloromethane	20	0.2272657	50	0.2268799	100	0.2167945	200	0.185079				
Bromodichloromethane	20	0.417251										
Bromoform	20	0.2918218	50	0.3452209	100	0.399628	200	0.4249034				
Bromomethane												
2-Butanone (MEK)	200	0.2441117	500	0.2352144	1000	0.2433307	2000	0.2222185				
tert-Butyl Alcohol (TBA)	200	4.374978E-02	500	4.209492E-02	1000	4.858103E-02	2000	4.674426E-02				
n-Butylbenzene	20	1.683645	50	1.741613	100	1.759046	200	1.56265				
sec-Butylbenzene	20	2.325667	50	2.370101	100	2.365224	200	2.145321				
tert-Butylbenzene	20	1.667935	50	1.681781	100	1.681771	200	1.564255				
tert-Butyl Ethyl Ether (TBEE)	20	1.447915	50	1.495066	100	1.525603	200	1.441404				
Carbon Disulfide	200	1.181644	500	1.21411								
Carbon Tetrachloride	20	0.5314325	50	0.5737414	100	0.5918492	200	0.5465566				
Chlorobenzene	20	1.579446	50	1.607024	100	1.605182	200	1.482775				
Chlorodibromomethane	20	0.2823344	50	0.3144162	100	0.3336474	200	0.3336429				
Chloroethane	20	0.2406454	50	0.310712	100	0.2293531	200	0.2336166				
2-Chloroethyl Vinyl Ether	200	0.2592031	500	0.243115	1000	0.2233359	2000	0.1763505				
Chloroform	20	0.8682324	50	0.8894618	100	0.8795111	200	0.818812				
Chloromethane	20	0.5701551	50	0.5430466	100	0.4973707	200	0.4711813				

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1300005

Instrument: GCMSVOA2

Calibration Date: 12/17/2012 12:00:02AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	20	1.83601	50	1.897754	100	1.875603	200	1.780513				
4-Chlorotoluene	20	2.123941	50	2.226573	100	2.17213	200	1.969067				
Cyclohexane	20	0.6515133	50	0.6443402	100	0.6427276	200	0.5888924				
1,2-Dibromo-3-chloropropane (D	20	0.079909	50	9.012049E-02	100	0.1074048	200	0.1058006				
1,2-Dibromoethane (EDB)	20	0.3000719	50	0.309822	100	0.3192138	200	0.3123958				
Dibromomethane	20	0.2021361	50	0.204555	100	0.206482	200	0.2001304				
1,2-Dichlorobenzene	20	1.281984	50	1.300104	100	1.324665	200	1.233558				
1,3-Dichlorobenzene	20	1.303551	50	1.338384	100	1.352682	200	1.279742				
1,4-Dichlorobenzene	20	1.318437	50	1.338346	100	1.359785	200	1.279402				
trans-1,4-Dichloro-2-butene	20	0.1825149	50	0.1988893	100	0.2190647	200	0.2264466				
Dichlorodifluoromethane (Freon	20	0.6160816	50	0.5186721	100	0.4982464	200	0.4053171				
1,1-Dichloroethane	20	0.853842	50	0.8398882	100	0.8841117	200	0.7443819				
1,2-Dichloroethane	20	0.4802342	50	0.4769709	100	0.4666817	200	0.432889				
1,1-Dichloroethylene	20	0.5582265	50	0.675052	100	0.5393681	200	0.55221				
cis-1,2-Dichloroethylene	20	0.8165359	50	0.8278475	100	0.8194509	200	0.7523933				
trans-1,2-Dichloroethylene	20	0.7230764	50	0.6852222	100	0.7377844	200	0.570139				
Dichlorofluoromethane (Freon 2	20	0.7258145	50	0.882576	100	0.7154526	200	0.7346581				
1,2-Dichloropropane	20	0.3299061	50	0.3405951	100	0.3376462	200	0.3273699				
1,3-Dichloropropane	20	0.543886	50	0.553473	100	0.5547785	200	0.5372411				
2,2-Dichloropropane	20	0.6037211	50	0.6450182	100	0.6585326	200	0.6083566				
1,1-Dichloropropene	20	0.6729434	50	0.6957434	100	0.6853654	200	0.6276426				
cis-1,3-Dichloropropene	20	0.5248281	50	0.5672994	100	0.5815876	200	0.5672306				
trans-1,3-Dichloropropene	20	0.4291678	50	0.4796267	100	0.501894	200	0.4951161				
Diethyl Ether	20	0.3402291	50	0.4277396	100	0.3376156	200	0.3732495				
Difluorochloromethane (Freon 2	20	0.6229054	50	0.5930324	100	0.5777074	200	0.4900084				
Diisopropyl Ether (DIPE)	20	1.587085	50	1.382744	100	1.544102	200	0.9898097				

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1300005

Instrument: GCMSVOA2

Calibration Date: 12/17/2012 12:00:02AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	200	3.235684E-03	500	3.149919E-03	1000	3.570121E-03	2000	3.411604E-03				
Ethyl Acetate	20	0.522648	50	0.524948	100	0.5480466	200	0.5279452				
Ethylbenzene	20	2.659584	50	2.713485	100	2.669953	200	2.40417				
Hexachlorobutadiene	20	0.2772821	50	0.2759927	100	0.2875048	200	0.2654919				
2-Hexanone (MBK)	200	0.2401356	500	0.2280257	1000	0.22318	2000	0.1895683				
Iodomethane	200	0.5831704	500	0.6194741	1000	0.5148784						
Isopropylbenzene (Cumene)	20	2.337099	50	2.44172	100	2.43106	200	2.235071				
p-Isopropyltoluene (p-Cymene)	20	1.838664	50	1.867728	100	1.864029	200	1.689005				
Methyl Acetate	20	0.54546	50	0.4078625	100	0.500782	200	0.4248934				
Methyl tert-Butyl Ether (MTBE)	20	1.398006	50	1.326278	100	1.466516	200	1.199202				
Methyl Cyclohexane	20	0.3120449	50	0.3224295	100	0.327957	200	0.307406				
Methylene Chloride	20	0.6938811	50	0.6363505	100	0.6828396	200	0.5470226				
4-Methyl-2-pentanone (MIBK)	200	0.3443939	500	0.311151	1000	0.2950927	2000	0.2408124				
Naphthalene	20	0.697748	50	0.7424827	100	0.940874	200	0.8963852				
n-Propylbenzene	20	2.681535	50	2.814363	100	2.754068	200	2.550478				
Styrene	20	1.772455	50	1.889248	100	1.880998	200	1.737054				
1,1,1,2-Tetrachloroethane	20	0.4714455	50	0.510847	100	0.5261636	200	0.5119243				
1,1,2,2-Tetrachloroethane	20	0.679297	50	0.6989784	100	0.7364583	200	0.7465756				
Tetrachloroethylene	20	0.2275205	50	0.2375238	100	0.2385962	200	0.2290531				
Tetrahydrofuran	20	0.139792	50	0.1370036	100	0.1454059	200	0.1387983				
Toluene	20	1.39299	50	1.42733	100	1.423003	200	1.31938				
1,2,3-Trichlorobenzene	20	0.2443365	50	0.2372324	100	0.2917239	200	0.2793754				
1,2,4-Trichlorobenzene	20	0.4157339	50	0.4374643	100	0.5002468	200	0.4762757				
1,3,5-Trichlorobenzene	20	0.636778	50	0.6496294	100	0.6794603	200	0.6311871				
1,1,1-Trichloroethane	20	0.7067512	50	0.7412965	100	0.7439404	200	0.694372				
1,1,2-Trichloroethane	20	0.2954254	50	0.3038017	100	0.3091719	200	0.3045438				

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1300005

Instrument: GCMSVOA2

Calibration Date: 12/17/2012 12:00:02AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	20	0.3196917	50	0.3257067	100	0.3268525	200	0.3100354				
Trichlorofluoromethane (Freon	20	0.5485523	50	0.6256794	100	0.5467102	200	0.5412633				
1,2,3-Trichloropropane	20	0.1983267	50	0.2008567	100	0.2107967	200	0.2113633				
1,1,2-Trichloro-1,2,2-trifluoroeth	20	0.2890682	50	0.3393624	100	0.2865591	200	0.292755				
1,2,4-Trimethylbenzene	20	2.317606	50	2.356615	100	2.354329	200	2.12513				
1,3,5-Trimethylbenzene	20	2.020683	50	2.107993	100	2.059657	200	1.857334				
Vinyl Acetate	200	1.125509	500	0.9165545	1000	0.9977383	2000	0.607605				
Vinyl Chloride	20	0.5700342	50	0.6289946	100	0.5309183	200	0.5118204				
m+p Xylene	40	2.110564	100	2.150079	200	2.07421	400	1.760929				
o-Xylene	20	2.227297	50	2.293531	100	2.253315	200	2.051096				
1,2-Dichloroethane-d4	25	0.608997	25	0.6063849	25	0.5930141	25	0.5852244				
Toluene-d8	25	1.295775	25	1.288274	25	1.286494	25	1.317739				
4-Bromofluorobenzene	25	0.8822099	25	0.9035992	25	0.8976105	25	0.923965				

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Calibration: 1300005

Instrument: GCMSVOA2

Calibration Date: 12/17/2012 12:00:02AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
cis-1,4-Dichloro-2-butene	0.1896463	15.0			15	
Ethyl Methacrylate	0.5721512	3.5			15	
Acetone	0.1301367	14.3			15	
Acrolein	7.418471E-02	11.7			15	
Acrylonitrile	0.1719934	10.5			15	
tert-Amyl Methyl Ether (TAME)	1.263941	9.4			15	
Benzene	1.952776	4.9			15	
Bromobenzene	1.011539	8.0			15	
Bromochloromethane	0.2075172	8.4			15	
Bromodichloromethane	0.3504977	12.7			15	
Bromoform	0.2594068	43.0	0.9976602		0.99	
Bromomethane	0.432743	25.0	0.9948655		0.99	
2-Butanone (MEK)	0.2276446	4.7			15	
tert-Butyl Alcohol (TBA)	4.179872E-02	9.0			15	
n-Butylbenzene	1.553136	12.4			15	
sec-Butylbenzene	2.147774	9.0			15	
tert-Butylbenzene	1.564937	6.9			15	
tert-Butyl Ethyl Ether (TBEE)	1.373721	8.2			15	
Carbon Disulfide	1.176954	13.1			15	
Carbon Tetrachloride	0.5014621	14.1			15	
Chlorobenzene	1.489115	6.0			15	
Chlorodibromomethane	0.2341229	33.3	0.9996484		0.99	
Chloroethane	0.2693728	12.8			15	
2-Chloroethyl Vinyl Ether	0.2201893	12.0			15	
Chloroform	0.8381743	4.3			15	
Chloromethane	0.5839082	11.1			15	
2-Chlorotoluene	1.726663	7.5			15	

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Calibration: 1300005

Instrument: GCMSVOA2

Calibration Date: 12/17/2012 12:00:02AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
4-Chlorotoluene	1.95926	9.6			15	
Cyclohexane	0.6479948	5.8			15	
1,2-Dibromo-3-chloropropane (DBCP)	7.861765E-02	31.6	0.9986777		0.99	
1,2-Dibromoethane (EDB)	0.2737269	14.7			15	
Dibromomethane	0.1847891	11.1			15	
1,2-Dichlorobenzene	1.207056	8.2			15	
1,3-Dichlorobenzene	1.25097	5.6			15	
1,4-Dichlorobenzene	1.273639	5.0			15	
trans-1,4-Dichloro-2-butene	0.177279	23.3	0.9993309		0.99	
Dichlorodifluoromethane (Freon 12)	0.5540888	11.9			15	
1,1-Dichloroethane	0.8042613	6.8			15	
1,2-Dichloroethane	0.449274	6.2			15	
1,1-Dichloroethylene	0.5763706	10.6			15	
cis-1,2-Dichloroethylene	0.769383	6.2			15	
trans-1,2-Dichloroethylene	0.6599388	8.6			15	
Dichlorofluoromethane (Freon 21)	0.777366	9.0			15	
1,2-Dichloropropane	0.3056579	9.7			15	
1,3-Dichloropropane	0.5011122	10.3			15	
2,2-Dichloropropane	0.5705863	10.1			15	
1,1-Dichloropropene	0.6402726	5.7			15	
cis-1,3-Dichloropropene	0.4512572	23.1	0.9997366		0.99	
trans-1,3-Dichloropropene	0.3585973	31.3	0.9996955		0.99	
Diethyl Ether	0.3575289	11.7			15	
Difluorochloromethane (Freon 22)	0.5775307	7.6			15	
Diisopropyl Ether (DIPE)	1.406223	11.9			15	
1,4-Dioxane	3.104639E-03	12.8			15	
Ethyl Acetate	0.5192489	4.3			15	

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Calibration: 1300005

Instrument: GCMSVOA2

Calibration Date: 12/17/2012 12:00:02AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Ethylbenzene	2.433058	9.1			15	
Hexachlorobutadiene	0.2650673	5.5			15	
2-Hexanone (MBK)	0.2027862	13.1			15	
Iodomethane	0.53261	14.7			15	
Isopropylbenzene (Cumene)	2.135457	11.7			15	
p-Isopropyltoluene (p-Cymene)	1.671848	10.2			15	
Methyl Acetate	0.4908003	10.9			15	
Methyl tert-Butyl Ether (MTBE)	1.289384	8.2			15	
Methyl Cyclohexane	0.2973902	7.8			15	
Methylene Chloride	0.6829884	13.0			15	
4-Methyl-2-pentanone (MIBK)	0.295194	10.4			15	
Naphthalene	0.6278628	42.2	0.9974361		0.99	
n-Propylbenzene	2.428807	12.1			15	
Styrene	1.65127	13.2			15	
1,1,1,2-Tetrachloroethane	0.4584066	13.8			15	
1,1,2,2-Tetrachloroethane	0.6415035	12.7			15	
Tetrachloroethylene	0.2205129	5.8			15	
Tetrahydrofuran	0.1327059	7.1			15	
Toluene	1.317492	6.1			15	
1,2,3-Trichlorobenzene	0.1909023	46.1	0.998036		0.99	
1,2,4-Trichlorobenzene	0.4068024	20.7	0.9986235		0.99	
1,3,5-Trichlorobenzene	0.589686	13.0			15	
1,1,1-Trichloroethane	0.6376109	14.2			15	
1,1,2-Trichloroethane	0.2690427	13.3			15	
Trichloroethylene	0.2985427	7.5			15	
Trichlorofluoromethane (Freon 11)	0.5602081	7.4			15	
1,2,3-Trichloropropane	0.1846406	13.2			15	

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Calibration: 1300005

Instrument: GCMSVOA2

Calibration Date: 12/17/2012 12:00:02AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.2951589	10.6			15	
1,2,4-Trimethylbenzene	2.103583	11.5			15	
1,3,5-Trimethylbenzene	1.782654	14.3			15	
Vinyl Acetate	0.9658778	14.3			15	
Vinyl Chloride	0.5677777	7.2			15	
m+p Xylene	1.916912	9.1			15	
o-Xylene	2.031747	10.2			15	
1,2-Dichloroethane-d4	0.6149073	2.8			15	
Toluene-d8	1.27592	1.6			15	
4-Bromofluorobenzene	0.8798965	2.6			15	

6 - FORM VI

INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1300013

Instrument: GCMSVOA5

Calibration Date: 11/17/2012 12:00:21AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Acetone			5	0.0666391	10	6.651546E-02	20	5.551938E-02	50	6.145517E-02	100	5.611244E-02
Acrolein					10	2.148826E-02	20	2.177646E-02	50	2.012927E-02	100	2.007619E-02
Acrylonitrile			0.5	8.321668E-02	1	6.759063E-02	2	6.284532E-02	5	7.051897E-02	10	6.399828E-02
tert-Amyl Methyl Ether (TAME)	0.4	0.5979315	0.5	0.699032	1	0.7201512	2	0.6618295	5	0.6786593	10	0.6402614
Benzene	0.4	1.294616	0.5	1.008046	1	1.295457	2	1.222794	5	1.139091	10	1.190096
Bromobenzene	0.4	0.8001898	0.5	0.6732856	1	0.7913325	2	0.7472472	5	0.7161746	10	0.7304436
Bromochloromethane	0.4	0.2781758	0.5	0.2492913	1	0.2606981	2	0.2440629	5	0.2408144	10	0.2438948
Bromodichloromethane	0.4	0.3210536	0.5	0.3154695	1	0.3314717	2	0.2957819	5	0.3015276	10	0.3040318
Bromoform	0.4	0.2828743	0.5	0.329959	1	0.3022569	2	0.3044914	5	0.2998629	10	0.2800692
Bromomethane	0.4	0.1589994	0.5	0.1432379	1	0.2155169	2	0.1635	5	0.1507001	10	0.1574322
2-Butanone (MEK)			5	0.0618924	10	6.442552E-02	20	6.132002E-02	50	6.938359E-02	100	6.404855E-02
tert-Butyl Alcohol (TBA)	4	1.658074E-02	5	1.370206E-02	10	1.167886E-02	20	1.299434E-02	50	1.298767E-02	100	1.052627E-02
n-Butylbenzene	0.4	1.77549	0.5	1.189116	1	1.804805	2	1.774208	5	1.732839	10	1.749867
sec-Butylbenzene	0.4	2.224219	0.5	1.584315	1	2.415086	2	2.36843	5	2.212945	10	2.336316
tert-Butylbenzene	0.4	1.600985	0.5	1.090643	1	1.60661	2	1.536917	5	1.446419	10	1.49007
tert-Butyl Ethyl Ether (TBEE)	0.4	0.6510046	0.5	0.6793039	1	0.7797687	2	0.7497107	5	0.7636806	10	0.712945
Carbon Disulfide	4	0.9333896	5	0.6415037	10	1.017124	20	0.9540572	50	0.8951238	100	0.939372
Carbon Tetrachloride	0.4	0.4423727	0.5	0.3185788	1	0.4992284	2	0.433245	5	0.4329205	10	0.4436514
Chlorobenzene	0.4	1.305084	0.5	1.061791	1	1.303828	2	1.278681	5	1.241831	10	1.258265
Chlorodibromomethane	0.4	0.2455026	0.5	0.2415794	1	0.2413589	2	0.2340729	5	0.229916	10	0.2275559
Chloroethane	0.4	0.1935518	0.5	0.1782104	1	0.2364464	2	0.1874089	5	0.1672252	10	0.1901778
2-Chloroethyl Vinyl Ether			5	0.0370846	10	4.475112E-02	20	4.225796E-02	50	4.298381E-02	100	4.001049E-02
Chloroform	0.4	0.5029857	0.5	0.494637	1	0.5766948	2	0.5359585	5	0.5308066	10	0.5573177
Chloromethane	0.4	0.6420004	0.5	0.5657179	1	0.6312082	2	0.5496486	5	0.4808883	10	0.4760881
2-Chlorotoluene	0.4	1.387128	0.5	1.182861	1	1.42591	2	1.401131	5	1.388004	10	1.411042
4-Chlorotoluene	0.4	1.608521	0.5	1.256552	1	1.615428	2	1.512578	5	1.409198	10	1.493365

6 - FORM VI

INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1300013

Instrument: GCMSVOA5

Calibration Date: 11/17/2012 12:00:21AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Cyclohexane			0.5	0.4262463	1	0.5045438	2	0.4774261	5	0.439982	10	0.4487148
1,2-Dibromo-3-chloropropane (DBCP)					1	8.133803E-02	2	7.700916E-02	5	7.377083E-02	10	5.528594E-02
1,2-Dibromoethane (EDB)	0.4	0.186101	0.5	0.1965065	1	0.2004337	2	0.1937878	5	0.192437	10	0.1829816
Dibromomethane	0.4	0.1473321	0.5	0.1694135	1	0.1524876	2	0.1248754	5	0.1360379	10	0.1280658
1,2-Dichlorobenzene	0.4	0.9110645	0.5	0.877258	1	0.9921605	2	0.918218	5	0.9035334	10	0.89379
1,3-Dichlorobenzene	0.4	0.9977979	0.5	0.8807749	1	1.042598	2	0.9940901	5	0.9781943	10	0.9971597
1,4-Dichlorobenzene	0.4	1.043917	0.5	0.854112	1	1.02678	2	0.9536112	5	0.9350048	10	0.9615776
cis-1,4-Dichloro-2-butene					1	0.1646447	2	0.1293182	5	0.1296951	10	0.1113851
trans-1,4-Dichloro-2-butene							2	0.1501363	5	0.1352045	10	0.1038
Dichlorodifluoromethane (Freon 22)					1	0.500829	2	0.4680639	5	0.4371466	10	0.4330945
1,1-Dichloroethane	0.4	0.4954457	0.5	0.4001216	1	0.5673324	2	0.5428261	5	0.495204	10	0.5232426
1,2-Dichloroethane					1	0.3582939	2	0.3206165	5	0.2762227	10	0.2683327
1,1-Dichloroethylene	0.4	0.4781695	0.5	0.3015409	1	0.4798693	2	0.5610545	5	0.449277	10	0.4604375
cis-1,2-Dichloroethylene	0.4	0.4759002	0.5	0.386013	1	0.454923	2	0.4412547	5	0.4113988	10	0.4313744
trans-1,2-Dichloroethylene	0.4	0.471874	0.5	0.2911388	1	0.4741914	2	0.4278651	5	0.4100924	10	0.4259779
Dichlorofluoromethane (Freon 21)	0.4	0.7350429	0.5	0.538278	1	0.705866	2	0.6131702	5	0.6315403	10	0.6631528
1,2-Dichloropropane	0.4	0.2407647	0.5	0.230578	1	0.2351723	2	0.2055902	5	0.1984727	10	0.2072202
1,3-Dichloropropane	0.4	0.2881433	0.5	0.2615297	1	0.2967941	2	0.2925575	5	0.2918663	10	0.2788314
2,2-Dichloropropane	0.4	0.4950797	0.5	0.3376493	1	0.4676679	2	0.4552905	5	0.4403613	10	0.4464526
1,1-Dichloropropene	0.4	0.4483022	0.5	0.3124212	1	0.4579431	2	0.4452821	5	0.4085272	10	0.4302448
cis-1,3-Dichloropropene	0.4	0.3561036	0.5	0.3342294	1	0.3637072	2	0.3298661	5	0.3450834	10	0.340461
trans-1,3-Dichloropropene	0.4	0.2979757	0.5	0.2908805	1	0.2990531	2	0.2826361	5	0.2856418	10	0.2765439
Diethyl Ether	0.4	0.1953819	0.5	0.2523402	1	0.2621477	2	0.2238508	5	0.216391	10	0.2080906
Diisopropyl Ether (DIPE)	0.4	0.7034919	0.5	0.5599191	1	0.763309	2	0.6924256	5	0.7065081	10	0.7139171
1,4-Dioxane											100	1.386804E-03
Ethyl Acetate			0.5	4.621156E-02	1	0.1605806	2	0.1222493	5	0.1554319	10	0.1490497

6 - FORM VI

INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1300013

Instrument: GCMSVOA5

Calibration Date: 11/17/2012 12:00:21AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Ethylbenzene	0.4	2.176358	0.5	1.59311	1	2.189961	2	2.163281	5	2.023958	10	2.12916
Ethyl Methacrylate			0.5	0.2452329	1	0.2274187	2	0.228151	5	0.2212114	10	0.193257
Hexachlorobutadiene	0.4	0.2910503	0.5	0.1984177	1	0.2801462	2	0.2906708	5	0.2541313	10	0.2629644
2-Hexanone (MBK)			5	9.210396E-02	10	0.0914844	20	9.281373E-02	50	0.1035989	100	8.275282E-02
Iodomethane	4	0.2812723	5	0.2275067	10	0.3735515	20	0.3763386	50	0.3643623	100	0.4482481
Isopropylbenzene (Cumene)	0.4	2.397478	0.5	1.610324	1	2.356391	2	2.207879	5	2.039395	10	2.118994
p-Isopropyltoluene (p-Cymene)	0.4	1.845916	0.5	1.288161	1	1.806481	2	1.763789	5	1.699252	10	1.766729
Methyl Acetate	0.4	0.1815463	0.5	0.2839052	1	0.1897551	2	0.2189367	5	0.2135195	10	0.205253
Methyl tert-Butyl Ether (MTBE)	0.4	0.4523285	0.5	0.5962068	1	0.647366	2	0.637064	5	0.6476801	10	0.6005718
Methyl Cyclohexane					1	0.3474673	2	0.3386714	5	0.3128928	10	0.3264502
Methylene Chloride									5	0.4133493	10	0.4017449
4-Methyl-2-pentanone (MIBK)	4	0.1070501	5	0.1407236	10	0.1383255	20	0.1420828	50	0.1457558	100	0.1225066
Naphthalene	0.4	0.9171929	0.5	1.206291	1	1.10023	2	1.068494	5	1.094436	10	0.8642669
n-Propylbenzene	0.4	2.707347	0.5	1.884912	1	2.610604	2	2.653419	5	2.415187	10	2.56541
Styrene	0.4	1.346523	0.5	1.092334	1	1.345228	2	1.278703	5	1.257836	10	1.284779
1,1,1,2-Tetrachloroethane	0.4	0.5100088	0.5	0.4236166	1	0.4150789	2	0.4171254	5	0.4254069	10	0.4348867
1,1,2,2-Tetrachloroethane	0.4	0.4510331	0.5	0.5229427	1	0.4654897	2	0.4743858	5	0.4802059	10	0.4039114
Tetrachloroethylene	0.4	0.2625181	0.5	0.1680588	1	0.2646604	2	0.2565614	5	0.2383496	10	0.2525432
Tetrahydrofuran					1	5.496646E-02	2	5.605286E-02	5	6.151296E-02	10	4.752704E-02
Toluene	0.4	0.9540927	0.5	0.8235458	1	0.9745732	2	0.8989002	5	0.8572989	10	0.896767
1,2,3-Trichlorobenzene	0.4	0.3512963	0.5	0.4415734	1	0.3897277	2	0.3868444	5	0.4059192	10	0.3390198
1,2,4-Trichlorobenzene	0.4	0.4615049	0.5	0.4779691	1	0.5248142	2	0.5069994	5	0.4978673	10	0.4711818
1,3,5-Trichlorobenzene	0.4	0.6409034	0.5	0.5063602	1	0.6414705	2	0.6544985	5	0.630285	10	0.6176193
1,1,1-Trichloroethane	0.4	0.573701	0.5	0.3699316	1	0.5507519	2	0.4988855	5	0.4802261	10	0.5033978
1,1,2-Trichloroethane	0.4	0.2030656	0.5	0.2033208	1	0.2011867	2	0.1808693	5	0.1821845	10	0.172334
Trichloroethylene	0.4	0.3062796	0.5	0.1979022	1	0.2496417	2	0.2423407	5	0.2133116	10	0.2256592

6 - FORM VI

INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1300013

Instrument: GCMSVOA5

Calibration Date: 11/17/2012 12:00:21AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Trichlorofluoromethane (Freon)	0.4	0.5633792	0.5	0.4266648	1	0.6911277	2	0.6439767	5	0.5959738	10	0.6192083
1,2,3-Trichloropropane	0.4	0.351975	0.5	0.367439	1	0.3156278	2	0.3476964	5	0.3447567	10	0.2937622
1,1,2-Trichloro-1,2,2-trifluoroeth	0.4	0.2830805	0.5	0.1992537	1	0.3216444	2	0.2906934	5	0.2694879	10	0.2766617
1,2,4-Trimethylbenzene	0.4	1.798965	0.5	1.330773	1	1.786616	2	1.735383	5	1.651122	10	1.700117
1,3,5-Trimethylbenzene	0.4	1.759457	0.5	1.357147	1	1.786218	2	1.791121	5	1.751854	10	1.773616
Vinyl Acetate	4	0.3355093	5	0.4148519	10	0.4555451	20	0.432414	50	0.474017	100	0.4324988
Vinyl Chloride	0.4	0.4548906	0.5	0.3016604	1	0.4823156	2	0.426708	5	0.4156429	10	0.4340908
m+p Xylene	0.8	1.751785	1	1.282864	2	1.749905	4	1.6782	10	1.625664	20	1.672519
o-Xylene	0.4	1.804133	0.5	1.188445	1	1.811091	2	1.706767	5	1.637269	10	1.720588
1,2-Dichloroethane-d4	25	0.4956343	25	0.5198699	25	0.5170894	25	0.5052391	25	0.5219849	25	0.5111334
Toluene-d8	25	1.166724	25	1.155031	25	1.164317	25	1.159459	25	1.183646	25	1.182693
4-Bromofluorobenzene	25	0.8763885	25	0.8885085	25	0.8819705	25	0.8765671	25	0.8888905	25	0.8816218

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1300013

Instrument: GCMSVOA5

Calibration Date: 11/17/2012 12:00:21AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Acetone	200	6.054341E-02	500	5.226587E-02	1000	5.587255E-02	2000	5.027045E-02				
Acrolein	200	2.153724E-02	500	1.973151E-02	1000	2.061065E-02						
Acrylonitrile	20	6.796986E-02	50	6.284541E-02	100	6.679882E-02	200	6.685288E-02				
tert-Amyl Methyl Ether (TAME)	20	0.6744494	50	0.6518861	100	0.7142881	200	0.6975623				
Benzene	20	1.10046	50	1.15578	100	1.086464	200	1.084184				
Bromobenzene	20	0.7136818	50	0.7543202	100	0.7869524	200	0.7798061				
Bromochloromethane	20	0.225083	50	0.2253068	100	0.2106993	200	0.1876497				
Bromodichloromethane	20	0.2953502	50	0.3143138	100	0.3144766	200	0.3138691				
Bromoform	20	0.3199753	50	0.3133184	100	0.3767246	200	0.3739262				
Bromomethane	20	0.1437833	50	0.1534027	100	0.1558485	200	0.1789623				
2-Butanone (MEK)	200	7.552205E-02	500	6.566001E-02	1000	7.408467E-02	2000	6.699459E-02				
tert-Butyl Alcohol (TBA)	200	1.486202E-02	500	1.106036E-02	1000	1.499107E-02	2000	1.282799E-02				
n-Butylbenzene	20	1.640685	50	1.803815	100	1.806034	200	1.825504				
sec-Butylbenzene	20	2.158906	50	2.364364	100	2.347073	200	2.238895				
tert-Butylbenzene	20	1.371787	50	1.488896	100	1.503778	200	1.501393				
tert-Butyl Ethyl Ether (TBEE)	20	0.720542	50	0.7248064	100	0.7484765	200	0.7407942				
Carbon Disulfide	200	0.841657										
Carbon Tetrachloride	20	0.4105902	50	0.4168258	100	0.4145645	200	0.3977598				
Chlorobenzene	20	1.196419	50	1.268305	100	1.292147	200	1.247062				
Chlorodibromomethane	20	0.2348511	50	0.2402505	100	0.2574323	200	0.2589433				
Chloroethane	20	0.1534821	50	0.1518397								
2-Chloroethyl Vinyl Ether	200	4.385552E-02	500	4.020455E-02	1000	4.623036E-02						
Chloroform	20	0.5206109	50	0.5462884	100	0.520825	200	0.5154719				
Chloromethane	20	0.3571929	50	0.3039019	100	0.2667898	200	0.2751864				
2-Chlorotoluene	20	1.339675	50	1.428548	100	1.452018	200	1.498209				
4-Chlorotoluene	20	1.401803	50	1.520334	100	1.566518	200	1.586389				

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1300013

Instrument: GCMSVOA5

Calibration Date: 11/17/2012 12:00:21AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Cyclohexane	20	0.4062304	50	0.3814414	100	0.3707371	200	0.3565344				
1,2-Dibromo-3-chloropropane (D	20	6.765315E-02	50	5.258882E-02	100	6.968739E-02	200	6.530465E-02				
1,2-Dibromoethane (EDB)	20	0.1935109	50	0.1830949	100	0.2002747	200	0.1948603				
Dibromomethane	20	0.1325531	50	0.1290859	100	0.1351302	200	0.1286281				
1,2-Dichlorobenzene	20	0.8878136	50	0.9202817	100	0.9412	200	0.9487763				
1,3-Dichlorobenzene	20	0.9503021	50	1.037611	100	1.030404	200	1.049359				
1,4-Dichlorobenzene	20	0.9116518	50	0.9795617	100	0.9905343	200	0.9792281				
cis-1,4-Dichloro-2-butene	20	0.1293661	50	0.110917	100	0.1369412	200	0.1316048				
trans-1,4-Dichloro-2-butene	20	0.1239201	50	0.1086779	100	0.138195	200	0.1302226				
Dichlorodifluoromethane (Freon	20	0.402595	50	0.3867242	100	0.3873064	200	0.3364002				
1,1-Dichloroethane	20	0.4805037	50	0.5081328	100	0.4803413	200	0.464894				
1,2-Dichloroethane	20	0.2592004	50	0.2587861	100	0.2618119	200	0.2521881				
1,1-Dichloroethylene	20	0.4258813	50	0.4319962	100	0.448486	200	0.4303299				
cis-1,2-Dichloroethylene	20	0.3994205	50	0.4109909	100	0.3987207	200	0.3914328				
trans-1,2-Dichloroethylene	20	0.3858683	50	0.3807015	100	0.3671593	200	0.3561187				
Dichlorofluoromethane (Freon 2	20	0.5977113	50	0.6400504	100	0.594981	200	0.577368				
1,2-Dichloropropane	20	0.1955553	50	0.2100381	100	0.2079121	200	0.2022137				
1,3-Dichloropropane	20	0.2893461	50	0.2805097	100	0.3065953	200	0.2922347				
2,2-Dichloropropane	20	0.4055163	50	0.4327483	100	0.4191349	200	0.4061356				
1,1-Dichloropropene	20	0.3978214	50	0.3888613	100	0.3765559	200	0.36825				
cis-1,3-Dichloropropene	20	0.3367313	50	0.3479972	100	0.3532995	200	0.3473734				
trans-1,3-Dichloropropene	20	0.281404	50	0.284444	100	0.3000674	200	0.2979364				
Diethyl Ether	20	0.2054306	50	0.1994794	100	0.1977857	200	0.1828031				
Diisopropyl Ether (DIPE)	20	0.6981083	50	0.7347483	100	0.723131	200	0.7186574				
1,4-Dioxane	200	1.632127E-03	500	1.294221E-03	1000	1.796424E-03	2000	1.544123E-03				
Ethyl Acetate	20	0.1774384	50	0.1575294	100	0.1843869	200	0.1699294				

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1300013

Instrument: GCMSVOA5

Calibration Date: 11/17/2012 12:00:21AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Ethylbenzene	20	1.976261	50	2.090049	100	2.131665	200	2.082074				
Ethyl Methacrylate	20	0.2195085	50	0.1937734	100	0.2316815	200	0.2221936				
Hexachlorobutadiene	20	0.2578441	50	0.285612	100	0.3151533	200	0.3403588				
2-Hexanone (MBK)	200	0.1083849	500	0.083837	1000	0.1171181	2000	0.1070841				
Iodomethane	200	0.4398493	500	0.474227								
Isopropylbenzene (Cumene)	20	1.913932	50	2.077206	100	2.043988	200	2.004561				
p-Isopropyltoluene (p-Cymene)	20	1.614305	50	1.761821	100	1.787562	200	1.774351				
Methyl Acetate	20	0.2290644	50	0.1975088	100	0.2224998	200	0.2108528				
Methyl tert-Butyl Ether (MTBE)	20	0.6186623	50	0.6087124	100	0.6447944	200	0.6342556				
Methyl Cyclohexane	20	0.3075356	50	0.2876499	100	0.2925242	200	0.279175				
Methylene Chloride	20	0.3563198	50	0.3456252	100	0.3093504	200	0.2991549				
4-Methyl-2-pentanone (MIBK)	200	0.1560745	500	0.126891	1000	0.1688889	2000	0.1476557				
Naphthalene	20	1.091726	50	0.8671449	100	1.137537	200	1.04737				
n-Propylbenzene	20	2.448911	50	2.595316	100	2.683716	200	2.471426				
Styrene	20	1.232582	50	1.303962	100	1.359141	200	1.355586				
1,1,1,2-Tetrachloroethane	20	0.4205136	50	0.4539134	100	0.4735181	200	0.4643304				
1,1,2,2-Tetrachloroethane	20	0.4643764	50	0.4140324	100	0.511604	200	0.4895717				
Tetrachloroethylene	20	0.2451416	50	0.2500201	100	0.2574092	200	0.2512622				
Tetrahydrofuran	20	4.197575E-02	50	3.951112E-02	100	4.560766E-02	200	4.170074E-02				
Toluene	20	0.8553532	50	0.8825497	100	0.8928344	200	0.8933679				
1,2,3-Trichlorobenzene	20	0.4144247	50	0.3525138	100	0.4618208	200	0.4300212				
1,2,4-Trichlorobenzene	20	0.5152498	50	0.5024641	100	0.5866366	200	0.5817977				
1,3,5-Trichlorobenzene	20	0.6470925	50	0.7062822	100	0.7791912	200	0.7819807				
1,1,1-Trichloroethane	20	0.4604979	50	0.4786793	100	0.4673676	200	0.4568096				
1,1,2-Trichloroethane	20	0.1745044	50	0.1755841	100	0.187	200	0.1826223				
Trichloroethylene	20	0.214873	50	0.2173243	100	0.216265	200	0.2137027				

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0458

Project: Doro Cleaners

Calibration: 1300013

Instrument: GCMSVOA5

Calibration Date: 11/17/2012 12:00:21AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Trichlorofluoromethane (Freon	20	0.5684823	50	0.5766195	100	0.5597251	200	0.5127239				
1,2,3-Trichloropropane	20	0.3441875	50	0.2914509	100	0.3655079	200	0.3467663				
1,1,2-Trichloro-1,2,2-trifluoroeth	20	0.2589236	50	0.2601548	100	0.2536255	200	0.2420225				
1,2,4-Trimethylbenzene	20	1.567026	50	1.707526	100	1.707249	200	1.706109				
1,3,5-Trimethylbenzene	20	1.708083	50	1.830314	100	1.900855	200	1.931026				
Vinyl Acetate	200	0.4832639	500	0.4531989	1000	0.4939151						
Vinyl Chloride	20	0.3456595	50	0.378924								
m+p Xylene	40	1.608106	100	1.693664	200	1.741313	400	1.562667				
o-Xylene	20	1.604376	50	1.687048	100	1.746691	200	1.753869				
1,2-Dichloroethane-d4	25	0.5216525	25	0.4691344	25	0.4642197	25	0.4585178				
Toluene-d8	25	1.181086	25	1.181788	25	1.162477	25	1.156368				
4-Bromofluorobenzene	25	0.8889604	25	0.9014738	25	0.9373076	25	0.9689713				

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Calibration: 1300013

Instrument: GCMSVOA5

Calibration Date: 11/17/2012 12:00:21AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Acetone	5.835487E-02	10.0			15	
Acrolein	2.076423E-02	4.0			15	
Acrylonitrile	6.807076E-02	9.1			15	
tert-Amyl Methyl Ether (TAME)	0.6736051	5.5			15	
Benzene	1.157699	8.1			15	
Bromobenzene	0.7493434	5.5			15	
Bromochloromethane	0.2365676	10.8			15	
Bromodichloromethane	0.3107346	3.7			15	
Bromoform	0.3183458	10.6			15	
Bromomethane	0.1621383	13.2			15	
2-Butanone (MEK)	6.703682E-02	7.5			15	
tert-Butyl Alcohol (TBA)	1.322114E-02	14.2			15	
n-Butylbenzene	1.710236	11.1			15	
sec-Butylbenzene	2.225055	10.8			15	
tert-Butylbenzene	1.46375	10.1			15	
tert-Butyl Ethyl Ether (TBEE)	0.7271033	5.3			15	
Carbon Disulfide	0.8888896	13.7			15	
Carbon Tetrachloride	0.4209737	10.8			15	
Chlorobenzene	1.245341	5.8			15	
Chlorodibromomethane	0.2411463	4.4			15	
Chloroethane	0.1822928	14.9			15	
2-Chloroethyl Vinyl Ether	0.0421723	7.0			15	
Chloroform	0.5301597	4.7			15	
Chloromethane	0.4548622	31.8	0.9979262		0.995	
2-Chlorotoluene	1.391453	6.1			15	
4-Chlorotoluene	1.497069	7.5			15	
Cyclohexane	0.4235396	11.7			15	

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Calibration: 1300013

Instrument: GCMSVOA5

Calibration Date: 11/17/2012 12:00:21AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,2-Dibromo-3-chloropropane (DBCP)	6.782975E-02	14.8			15	
1,2-Dibromoethane (EDB)	0.1923988	3.3			15	
Dibromomethane	0.138361	10.1			15	
1,2-Dichlorobenzene	0.9194096	3.7			15	
1,3-Dichlorobenzene	0.9958291	5.1			15	
1,4-Dichlorobenzene	0.9635978	5.7			15	
cis-1,4-Dichloro-2-butene	0.130484	12.8			15	
trans-1,4-Dichloro-2-butene	0.1271652	12.9			15	
Dichlorodifluoromethane (Freon 12)	0.41902	12.4			15	
1,1-Dichloroethane	0.4958044	9.2			15	
1,2-Dichloroethane	0.2819315	13.3			15	
1,1-Dichloroethylene	0.4467042	14.4			15	
cis-1,2-Dichloroethylene	0.4201429	7.1			15	
trans-1,2-Dichloroethylene	0.3990987	13.9			15	
Dichlorofluoromethane (Freon 21)	0.6297161	9.4			15	
1,2-Dichloropropane	0.2133517	7.5			15	
1,3-Dichloropropane	0.2878408	4.2			15	
2,2-Dichloropropane	0.4306036	9.9			15	
1,1-Dichloropropene	0.4034209	11.1			15	
cis-1,3-Dichloropropene	0.3454852	3.0			15	
trans-1,3-Dichloropropene	0.2896583	3.0			15	
Diethyl Ether	0.2143701	11.8			15	
Diisopropyl Ether (DIPE)	0.7014216	7.7			15	
1,4-Dioxane	1.53074E-03	13.0			15	
Ethyl Acetate	0.1469786	28.5	0.9978722		0.995	
Ethylbenzene	2.055588	8.6			15	
Ethyl Methacrylate	0.2202698	7.7			15	

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Calibration: 1300013

Instrument: GCMSVOA5

Calibration Date: 11/17/2012 12:00:21AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Hexachlorobutadiene	0.2776349	13.8			15	
2-Hexanone (MBK)	9.768643E-02	12.1			15	
Iodomethane	0.3731695	22.7	0.9991089		0.995	
Isopropylbenzene (Cumene)	2.077015	10.8			15	
p-Isopropyltoluene (p-Cymene)	1.710837	9.4			15	
Methyl Acetate	0.2152842	13.1			15	
Methyl tert-Butyl Ether (MTBE)	0.6087642	9.6			15	
Methyl Cyclohexane	0.3115458	7.9			15	
Methylene Chloride	0.3542574	13.2			15	
4-Methyl-2-pentanone (MIBK)	0.1395954	12.5			15	
Naphthalene	1.039469	11.3			15	
n-Propylbenzene	2.503625	9.6			15	
Styrene	1.285667	6.3			15	
1,1,1,2-Tetrachloroethane	0.4438399	7.0			15	
1,1,2,2-Tetrachloroethane	0.4677553	8.1			15	
Tetrachloroethylene	0.2446525	11.5			15	
Tetrahydrofuran	4.860683E-02	16.4	0.9975964		0.995	
Toluene	0.8929283	5.0			15	
1,2,3-Trichlorobenzene	0.3973161	10.4			15	
1,2,4-Trichlorobenzene	0.5126485	8.3			15	
1,3,5-Trichlorobenzene	0.6605683	12.2			15	
1,1,1-Trichloroethane	0.4840248	11.5			15	
1,1,2-Trichloroethane	0.1862672	6.5			15	
Trichloroethylene	0.22973	13.4			15	
Trichlorofluoromethane (Freon 11)	0.5757881	12.5			15	
1,2,3-Trichloropropane	0.336917	8.1			15	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.2655548	12.2			15	

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Calibration: 1300013

Instrument: GCMSVOA5

Calibration Date: 11/17/2012 12:00:21AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,2,4-Trimethylbenzene	1.669089	8.1			15	
1,3,5-Trimethylbenzene	1.758969	8.9			15	
Vinyl Acetate	0.4416904	10.7	0.9985182		0.995	
Vinyl Chloride	0.4049865	14.7			15	
m+p Xylene	1.636669	8.5			15	
o-Xylene	1.666028	10.8			15	
1,2-Dichloroethane-d4	0.4984475	5.1			15	
Toluene-d8	1.169359	1.0			15	
4-Bromofluorobenzene	0.899066	3.4			15	

INITIAL CALIBRATION STANDARDS

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Sequence:	S003255	Instrument:	GCMSVOA1
Calibration:	1200210		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1206178	0.2ppb 8260 Calibration Standard	S003255-CAL1	VA317003.D	11/12/12 06:10
1206179	0.5ppb 8260 Calibration Standard	S003255-CAL2	VA317004.D	11/12/12 06:37
1206181	2ppb 8260 Calibration Standard	S003255-CAL4	VA317006.D	11/12/12 07:30
1206182	5ppb 8260 Calibration Standard	S003255-CAL5	VA317008.D	11/12/12 08:24
1206180	1ppb 8260 Calibration Standard	S003255-CAL3	VA317009.D	11/12/12 08:51
1206183	10ppb 8260 Calibration Standard	S003255-CAL6	VA317010.D	11/12/12 09:18
1206184	20ppb 8260 Calibration Standard	S003255-CAL7	VA317011.D	11/12/12 09:45
1206185	50ppb 8260 Calibration Standard	S003255-CAL8	VA317012.D	11/12/12 10:16
1206186	80ppb 8260 Calibration Standard	S003255-CAL9	VA317013.D	11/12/12 10:43
1206187	100ppb 8260 Calibration Standard	S003255-CALA	VA317014.D	11/12/12 11:09

V:\DATA\111212\

Date		Filename	Lab ID	Sample Info
12 Nov 2012	5:12 am	VA317001.D	CLEAN UP	
12 Nov 2012	5:39 am	VA317002.D	BFB	
12 Nov 2012	6:10 am	VA317003.D	8260 STD	0.2PPB
12 Nov 2012	6:37 am	VA317004.D	8260 STD	0.5PPB
12 Nov 2012	7:04 am	VA317005.D	8260 STD	1.0PPB
12 Nov 2012	7:30 am	VA317006.D	8260 STD	2.0PPB
12 Nov 2012	7:57 am	VA317007.D	8260 STD	1.0PPB
12 Nov 2012	8:24 am	VA317008.D	8260 STD	5.0PPB
12 Nov 2012	8:51 am	VA317009.D	8260 STD	1.0PPB
12 Nov 2012	9:18 am	VA317010.D	8260 STD	10PPB
12 Nov 2012	9:45 am	VA317011.D	8260 STD	20PPB
12 Nov 2012	10:16 am	VA317012.D	8260 STD	50PPB
12 Nov 2012	10:43 am	VA317013.D	8260 STD	80PPB
12 Nov 2012	11:09 am	VA317014.D	8260 STD	100PPB
12 Nov 2012	11:37 am	VA317015.D	CLEAN UP	
12 Nov 2012	12:04 pm	VA317016.D	CLEAN UP	
12 Nov 2012	12:31 pm	VA317017.D	B0-BS1	
12 Nov 2012	12:57 pm	VA317018.D	B0-BSD1	
12 Nov 2012	1:24 pm	VA317019.D	CLEAN UP	
12 Nov 2012	1:51 pm	VA317020.D	CLEAN UP	
12 Nov 2012	2:18 pm	VA317021.D	8260 STD	10PPB/BFB
12 Nov 2012	2:45 pm	VA317022.D	B062659-BS1	@RCP
12 Nov 2012	3:12 pm	VA317023.D	B062656-BS1	
12 Nov 2012	3:39 pm	VA317024.D	B062656-BSD1	
12 Nov 2012	4:06 pm	VA317025.D	CLEAN UP	
12 Nov 2012	4:33 pm	VA317026.D	B062659-BLK1	
12 Nov 2012	5:00 pm	VA317027.D	12K0282-01	
12 Nov 2012	5:27 pm	VA317028.D	12K0282-02	
12 Nov 2012	5:54 pm	VA317029.D	12K0282-03	
12 Nov 2012	6:21 pm	VA317030.D	12K0282-04	
12 Nov 2012	6:48 pm	VA317031.D	12K0282-05	
12 Nov 2012	7:14 pm	VA317032.D	12K0282-06	
12 Nov 2012	7:41 pm	VA317033.D	12K0282-07	
12 Nov 2012	8:08 pm	VA317034.D	12K0282-08	
12 Nov 2012	8:35 pm	VA317035.D	12K0282-09	
12 Nov 2012	9:02 pm	VA317036.D	12K0282-10	
12 Nov 2012	9:29 pm	VA317037.D	12K0282-11	
12 Nov 2012	9:56 pm	VA317038.D	12K0350-01	
12 Nov 2012	10:23 pm	VA317039.D	12K0302-01	
12 Nov 2012	11:17 pm	VA317041.D	12K0329-01	
12 Nov 2012	11:44 pm	VA317042.D	12K0329-02	

Method Path : \\3ls2011\HPCHEM\1\METHODS\
 Method File : V1112S12.M
 Title : 8260 SOIL CALIBRATION (FRONT)
 Last Update : Mon Nov 19 20:15:00 2012
 Response Via : Initial Calibration

Calibration Files

0.2 =VA317003.D 0.5 =VA317004.D 1.0 =VA317009.D 5.0 =VA317008.D 10 =VA317010.D 20 =VA317011.D 50 =VA317012.D 80 =VA317013.D
 2.0 =VA317006.D 100 =VA317014.D

Compound		0.2	0.5	1.0	5.0	10	20	50	80	2.0	100	Avg	%RSD

1) I	PENTAFLUOROBENZENE...	-----ISTD-----											
2) S	1,2-DICHLOROET...	0.445	0.429	0.430	0.426	0.410	0.396	0.377	0.426	0.365	0.413	6.27	
3)	DICHLORODIFLOU...	0.554	0.463	0.508	0.472	0.474	0.413	0.391	0.531	0.383	0.465	12.97	
4)	DIFLUOROCHLORO...										0.000	-1.00	
5) P	CHLOROMETHANE		0.659	0.644	0.603	0.570	0.512	0.480	0.658	0.481	0.576	13.32	
6) C	VINYL CHLORIDE	0.711	0.682	0.669	0.694	0.665	0.649	0.586	0.541	0.718	0.521	0.644	10.91#
7)	BROMOMETHANE	0.432	0.306	0.304	0.331	0.332	0.369	0.387	0.393	0.316	0.415	0.358	13.05
8)	CHLOROETHANE	0.375	0.379	0.351	0.337	0.319	0.311	0.281	0.263	0.322	0.255	0.319	13.54
9)	FLUORODICHLORO...	0.909	0.937	0.960	0.970	0.923	0.910	0.829	0.770	0.954	0.748	0.891	8.98
10)	TRICHLOROFLUOR...	1.004	1.022	0.987	1.018	0.988	0.968	0.899	0.841	0.993	0.821	0.954	7.71
11)	DI ETHYL ETHER	0.252	0.231	0.223	0.213	0.203	0.198	0.173	0.207	0.167	0.206	12.68	
12)	ACETONE			0.030	0.025	0.023	0.029	0.023	0.030	0.021	0.026	14.55	
13)	1,1,2TRICL-1,2...	0.483	0.515	0.474	0.519	0.479	0.484	0.451	0.428	0.488	0.422	0.474	6.82
14) C	1,1-DICHLOROET...	0.599	0.558	0.534	0.555	0.540	0.533	0.495	0.469	0.536	0.461	0.528	8.01#
15)	IODOMETHANE	0.428	0.509	0.629	0.900	0.917	0.955		0.786		0.732	28.85	
16)	METHYL ACETATE		0.284	0.250	0.239	0.246	0.243		0.246		0.251	6.57	
17)	T-BUTYL ALCOHOL	0.011	0.011	0.009	0.009	0.010			0.008		0.010	12.69	
18)	ACRYLONITRILE		0.101	0.104	0.102	0.096	0.095	0.087	0.088	0.087	0.095	7.45	
19)	ACETONITRILE										0.000	-1.00	
20)	ALLYL CHLORIDE										0.000	-1.00	
21)	METHYLENE CHLO...	5.872	2.411	3.465	0.881	0.751	0.673	0.683	0.612	1.142	0.596	1.709	102.11
22)	CARBON DISULFIDE	1.454	1.512	1.578	1.660	1.560	1.380		1.666		1.544	6.77	
23)	METHYL TERT-BU...	0.754	0.676	0.678	0.740	0.727	0.742	0.753	0.732	0.684	0.735	0.722	4.26
24)	TRANS 1,2-DICH...	0.400	0.442	0.465	0.473	0.472	0.484	0.481	0.475	0.458	0.482	0.463	5.53
25) P	1,1-DICHLOROET...	0.793	0.788	0.795	0.827	0.798	0.809	0.779	0.754	0.811	0.757	0.791	2.90
26)	CHLOROPRENE										0.000	-1.00	
27)	VINYL ACETATE	0.528	0.497	0.566	0.690	0.706	0.743	0.703	0.591		0.628	14.90	
28)	DI ISOPROPYL E...	1.283	1.254	1.317	1.398	1.380	1.405	1.382	1.310	1.311	1.295	1.333	3.99
29)	2-BUTANONE		0.029	0.027	0.029	0.027	0.026	0.030	0.027	0.025	0.026	0.027	5.50
30)	T-BUTYL ETHYL ...		0.790	0.838	0.822	0.879	0.899	0.899	0.757	0.926	0.851	6.97	
31)	CIS-1,2-DICHL...	0.281	0.462	0.481	0.505	0.493	0.503	0.502	0.497	0.474	0.507	0.470	14.51
32)	2,2-DICHLOROPR...		0.335	0.336	0.340	0.411			0.323		0.349	10.04	
33)	PROPIONITRILE										0.000	-1.00	
34)	ETHYL ACETATE										0.000	-1.00	
35)	METHYLACRYLONI...										0.000	-1.00	
36)	BROMOCHLOROMET...	0.166	0.168	0.189	0.185	0.188	0.165	0.154	0.179	0.145	0.171	8.97	
37)	TETRAHYDROFURAN			0.030	0.022	0.024	0.024	0.024		0.024	0.025	10.40	
38) C	CHLOROFORM	0.781	0.697	0.755	0.766	0.763	0.777	0.752	0.729	0.756	0.736	0.751	3.32#
39)	1,1,1-TRICHLOR...		0.449	0.528	0.543	0.553	0.612	0.648	0.650	0.522	0.672	0.575	12.96
40)	CYCLOHEXANE	3.729	1.996	1.389	0.881	0.817	0.787	0.752	0.723	1.065	0.720	1.286	73.71
41)	CARBON TETRACH...	0.341	0.337	0.330	0.365	0.385	0.463		0.335		0.365	12.95	

Method Path : \\3ls2011\HPCHEM\1\METHODS\													
Method File : V1112S12.M													
Title : 8260 SOIL CALIBRATION (FRONT)													
42)		1,1-DICHLOROPR...	0.643	0.623	0.645	0.634	0.647	0.639	0.630	0.629	0.633	0.636	1.28
43)		ISOBUTANOL										0.000	-1.00
44)		BENZENE	1.789	1.748	1.781	1.876	1.820	1.830	1.775	1.713	1.782	1.712	2.87
45)		T-AMYL METHYL E...	0.679	0.561	0.601	0.664	0.677	0.725	0.747	0.737	0.603	0.754	10.06
46)	I	1,4-DIFLOUROBENZEN...	-----ISTD-----										
47)		METHYLCYCLOHEXANE	0.435	0.475	0.459	0.508	0.489	0.525	0.542	0.554	0.472	0.577	9.03
48)	S	TOLUENE SS	1.207	1.194	1.200	1.209	1.228	1.217	1.221	1.204	1.199	1.204	0.88
49)		1,2-DICHLOROET...	0.367	0.350	0.358	0.385	0.372	0.382	0.377	0.378	0.349	0.393	3.99
50)		TRICHLOROETHENE	0.292	0.323	0.326	0.343	0.331	0.352	0.355	0.365	0.323	0.383	7.63
51)	C	1,2-DICHLOROPR...			0.321	0.321	0.316	0.328	0.333	0.334	0.299	0.350	4.67#
52)		DIBROMOMETHANE	0.158	0.141	0.161	0.157	0.162	0.160	0.160	0.141	0.164	0.156	5.57
53)		METHYL METHACR...										0.000	-1.00
54)		1,4-DIOXANE	0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.001	0.002	0.001	30.29
55)		BROMODICHLOROM...			0.310	0.337	0.348	0.385	0.418	0.427	0.300		13.99
56)		2-CHLOROETHYL V...										0.000	-1.00
57)		MIBK	0.185	0.151	0.188	0.187	0.184	0.191	0.198	0.186	0.157	0.180	8.24
58)		CIS-1,3-DICHLOR...	0.270	0.134	0.249	0.325	0.338	0.399	0.452	0.465	0.281	0.491	33.02
59)	C	TOLUENE	1.089	0.984	0.791	0.818	0.795	0.842	0.862	0.873	0.808	0.912	10.83#
60)		TRANS-1,3,-DIC...	0.178	0.138	0.150	0.183	0.210	0.259	0.325	0.340	0.151	0.362	37.33
61)		ETHYL METHACRY...										0.000	-1.00
62)		1,1,2-TRICHLOR...	0.203	0.175	0.172	0.191	0.181	0.190	0.193	0.193	0.163	0.202	7.06
63)		2-HEXANONE	0.109	0.104	0.120	0.123	0.121	0.126	0.143	0.134	0.105	0.130	10.58
64)		TETRACHLOROETHENE		0.253	0.252	0.286	0.283	0.298	0.329	0.348	0.265	0.379	14.77
65)		1,3-DICHLOROPR...	0.399	0.362	0.360	0.382	0.371	0.379	0.387	0.381	0.338	0.393	4.82
66)		DIBROMOCHLOROM...	0.178	0.156	0.159	0.186	0.206	0.235	0.277	0.293	0.154	0.309	27.63
67)		1,2-DIBROMOETHANE		0.162	0.165	0.199	0.198	0.216	0.225	0.224	0.167	0.232	14.00
68)	I	CHLOROBENZENE-D5	ISTD -----ISTD-----										
69)	S	4-BROMOFLUROBE...	0.483	0.472	0.473	0.491	0.489	0.490	0.496	0.487	0.474	0.488	1.71
70)	P	CHLOROBENZENE	0.967	0.943	0.978	0.976	0.941	0.981	1.017	1.015	0.901	1.047	4.36
71)		1,1,1,2-TETRAC...	0.162	0.164	0.160	0.198	0.217	0.258	0.307	0.327	0.167	0.348	32.04
72)	C	ETHYLBENZENE	1.633	1.614	1.735	1.720	1.665	1.762	1.783	1.747	1.639	1.736	3.53#
73)		M/P-XYLENES	0.598	0.619	0.643	0.670	0.667	0.720	0.770	0.775	0.628	0.782	10.12
74)		0-XYLENE	0.643	0.589	0.626	0.652	0.640	0.685	0.752	0.768	0.604	0.807	11.00
75)		STYRENE	1.075	0.983	0.980	1.047	1.034	1.124	1.231	1.242	0.953	1.285	10.95
76)	P	BROMOFORM	0.082	0.093	0.078	0.102	0.108	0.139	0.175	0.188	0.080	0.204	38.35
77)		ISOPROPYLBENZENE	1.532	1.591	1.680	1.792	1.749	1.873	1.980	1.935	1.634	1.884	8.67
78)	P	1,1,2,2-TETRAC...		0.262	0.268	0.286	0.278	0.289	0.306	0.307	0.252	0.314	7.51
79)		1,4-DICHLORO-2...	0.051	0.062	0.049	0.057	0.057	0.062	0.075	0.076	0.045	0.080	19.45
80)		BROMOBENZENE		0.381	0.400	0.417	0.406	0.434	0.480	0.500	0.387	0.541	12.78
81)		1,2,3-TRICHLOR...	0.261	0.189	0.223	0.237	0.231	0.246	0.277	0.205	0.207	0.209	11.99
82)		N-PROPYLBENZENE	1.824	1.959	2.069	2.214	2.149	2.267	2.344	2.200	2.045	2.022	7.37
83)		2-CHLOROTOLUENE	1.159	1.205	1.234	1.275	1.236	1.296	1.349	1.338	1.192	1.359	5.55
84)		1,3,5-TRIMETHY...	1.219	1.314	1.437	1.548	1.535	1.692	1.857	1.818	1.396	1.766	14.09
85)		4-CHLOROTOLUENE	1.312	1.357	1.419	1.490	1.449	1.559	1.697	1.655	1.337	1.639	9.40
86)	I	1,4-DICHLOROBENZEN...	-----ISTD-----										
87)		TERT-BUTYLBENZENE	1.851	1.985	2.114	2.154	2.039	2.137	2.115	2.034	2.096	1.965	4.61
88)		1,2,4-TRIMETHY...	2.275	2.242	2.473	2.492	2.347	2.460	2.394	2.232	2.363	2.111	5.27
89)		SEC-BUTYLBENZENE	2.778	3.167	3.435	3.463	3.302	3.398	3.284	2.943	3.260	2.582	9.41

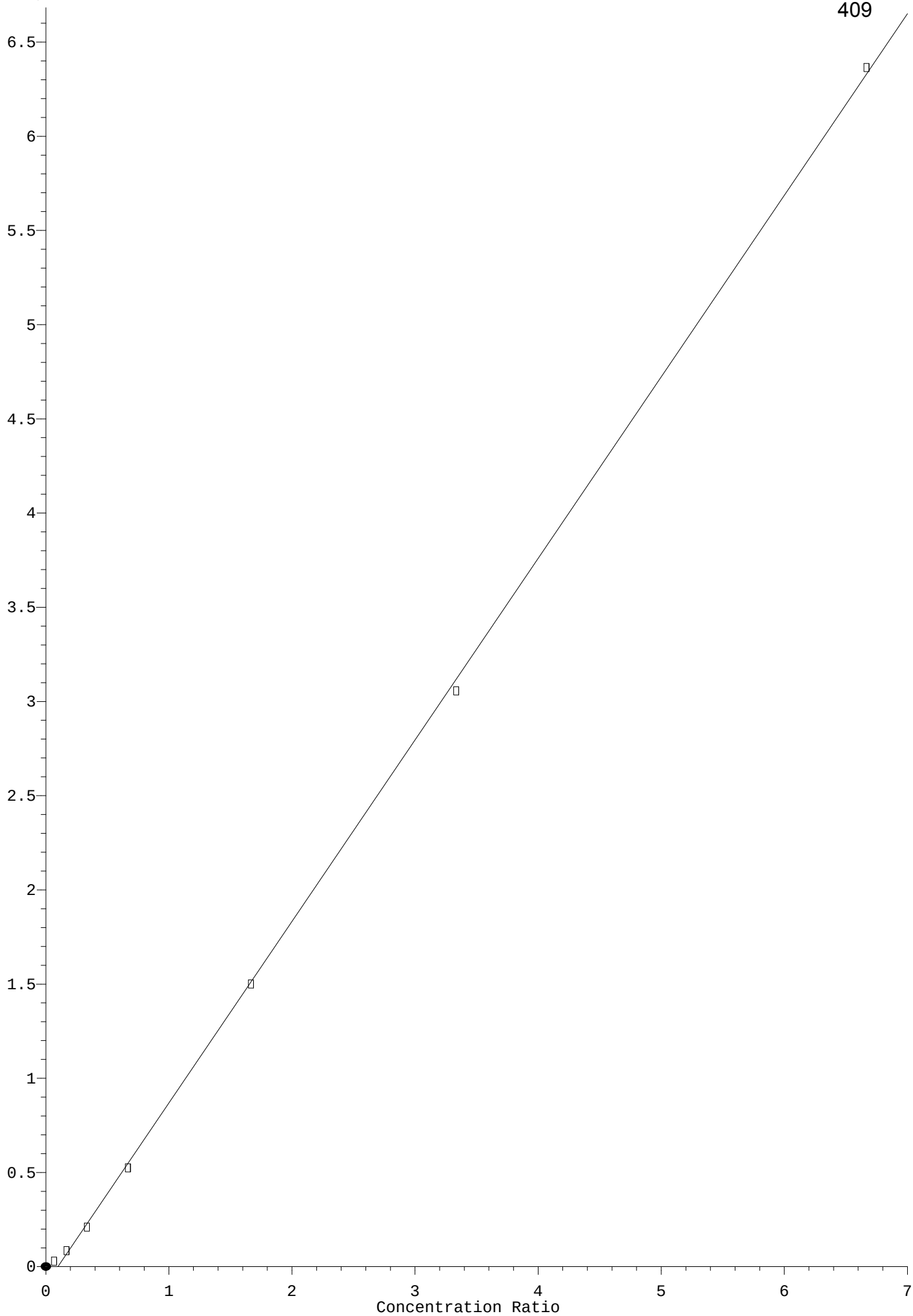
Method Path : \\3ls2011\HPCHEM\1\METHODS\
Method File : V1112S12.M
Title : 8260 SOIL CALIBRATION (FRONT)

90)	1,3-DICHLOROBEN...	1.543	1.421	1.387	1.414	1.329	1.385	1.394	1.348	1.333	1.382	1.394	4.38
91)	P-ISOPROPYLTOL...	2.394	2.431	2.697	2.763	2.598	2.688	2.639	2.432	2.595	2.261	2.550	6.32
92)	1,4-DICHLOROBEN...	1.575	1.397	1.408	1.405	1.299	1.346	1.362	1.308	1.317	1.344	1.376	5.84
93)	N-BUTYLBENZENE	2.142	2.276	2.622	2.678	2.609	2.742	2.747	2.472	2.519	2.266	2.507	8.53
94)	1,2-DICHLOROBEN...	1.298	1.170	1.317	1.277	1.231	1.291	1.367	1.353	1.220	1.389	1.291	5.39
95)	1,2-DIBROMO-3-...	0.069	0.013	0.023	0.035	0.038	0.045	0.053	0.051	0.038	0.052	0.042	38.26
96)	1,3,5-TRICHLOR...	0.853	0.855	0.988	1.002	0.968	1.008	1.100	1.099	0.953	1.169	1.000	10.26
97)	1,2,4-TRICHLOR...			0.653	0.702	0.691	0.753	0.845		0.558		0.700	13.75
98)	HEXACHLOROBUTA...	0.482	0.495	0.575	0.545	0.522	0.551	0.621	0.648	0.523	0.723	0.569	13.25
99)	NAPHTHALENE	0.613	0.405	0.856	0.750	0.775	0.907	0.974	0.936	0.530	0.991	0.774	25.83
100)	1,2,3-TRICHLOR...			0.528	0.585	0.586	0.628	0.695		0.451		0.579	14.46

(#) = Out of Range

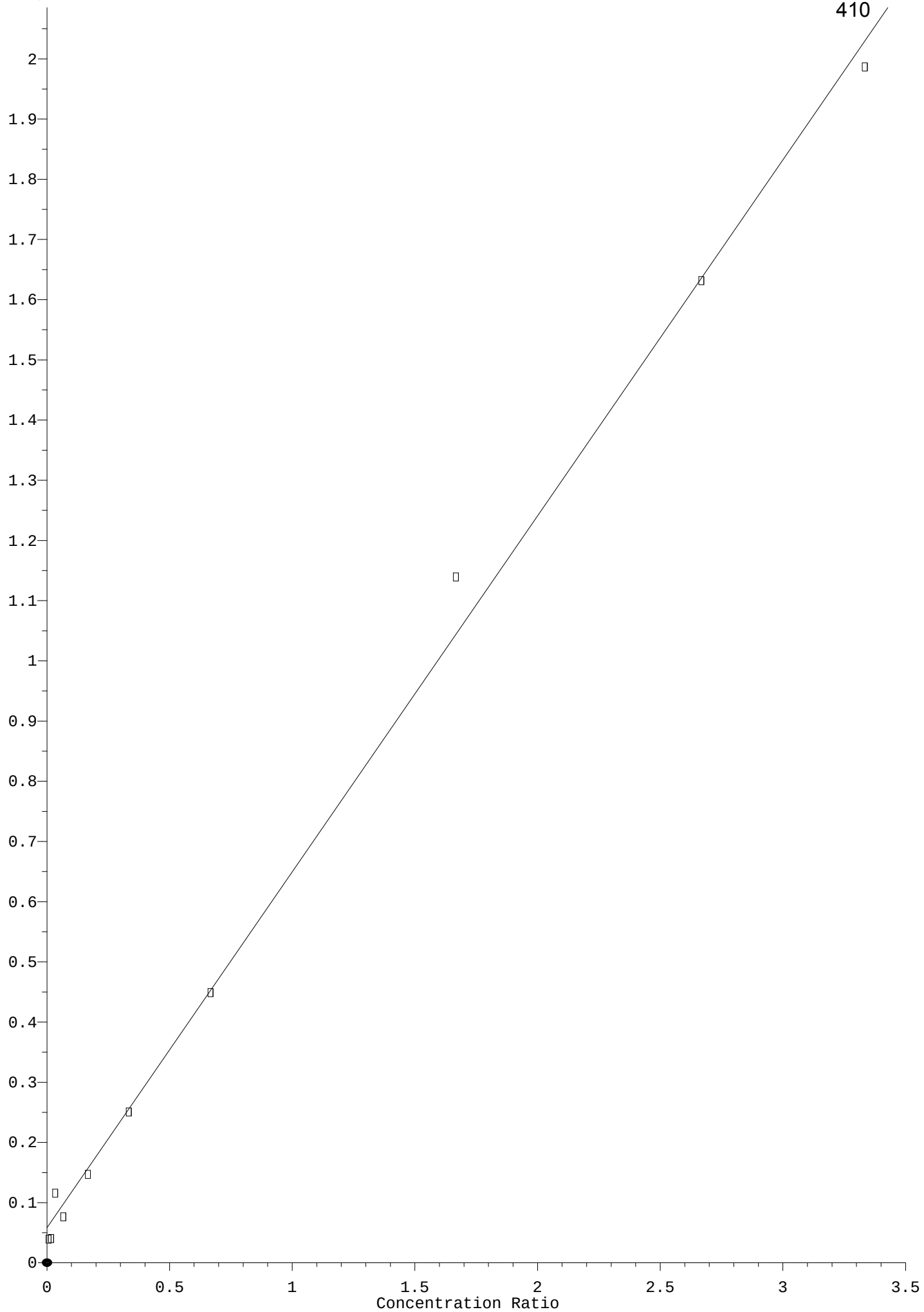
IODOMETHANE

Response Ratio



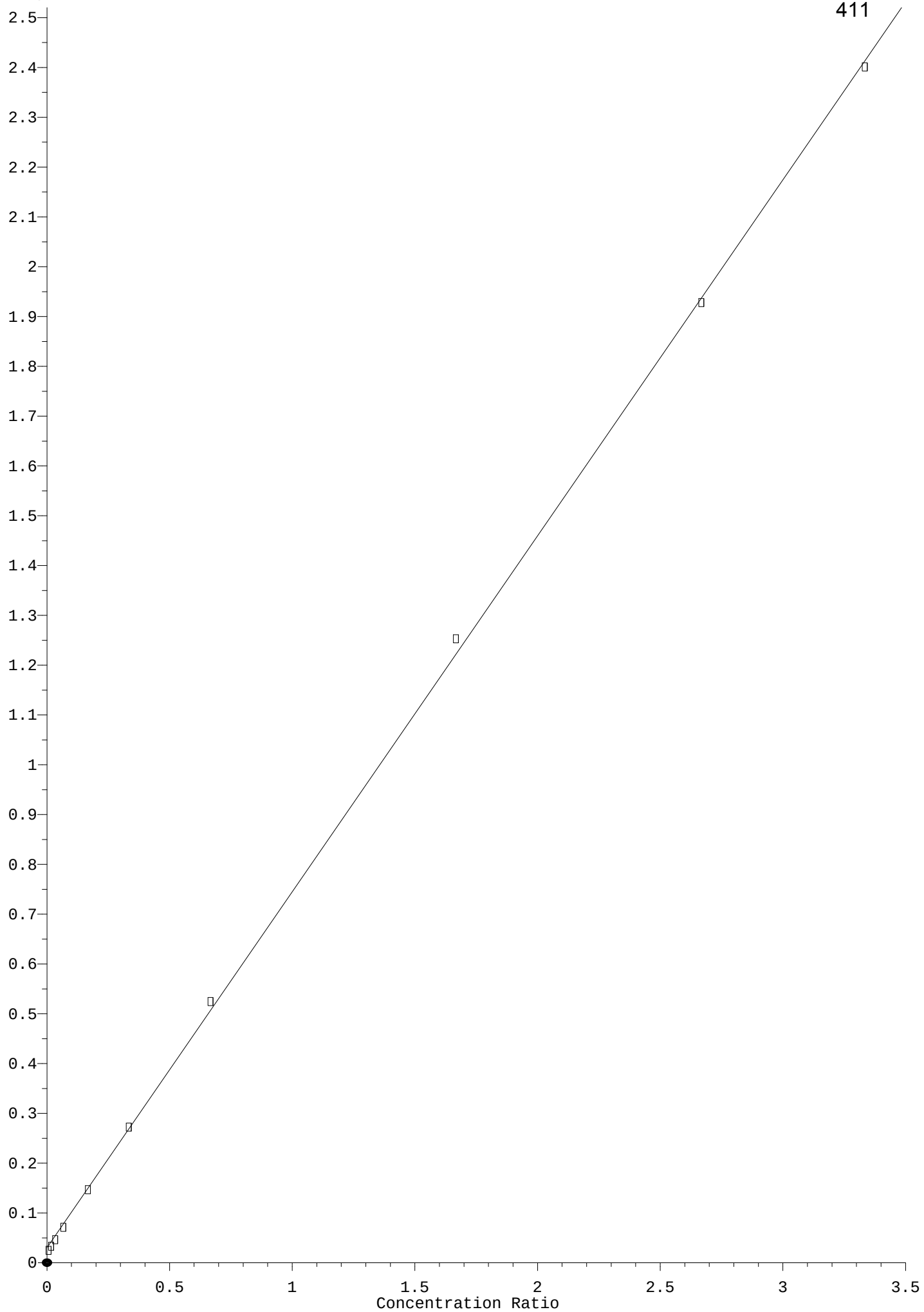
METHYLENE CHLORIDE

Response Ratio

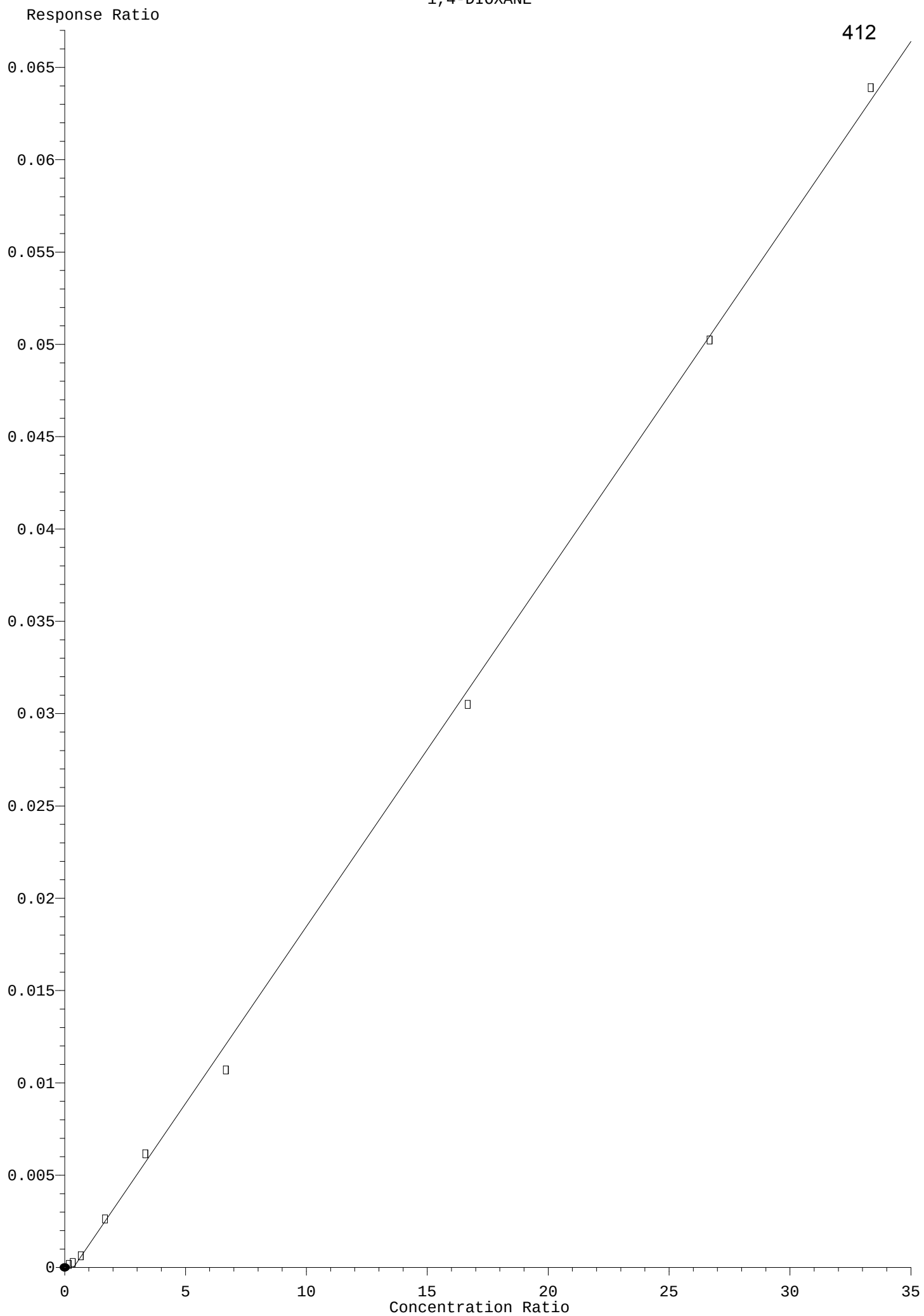


CYCLOHEXANE

Response Ratio

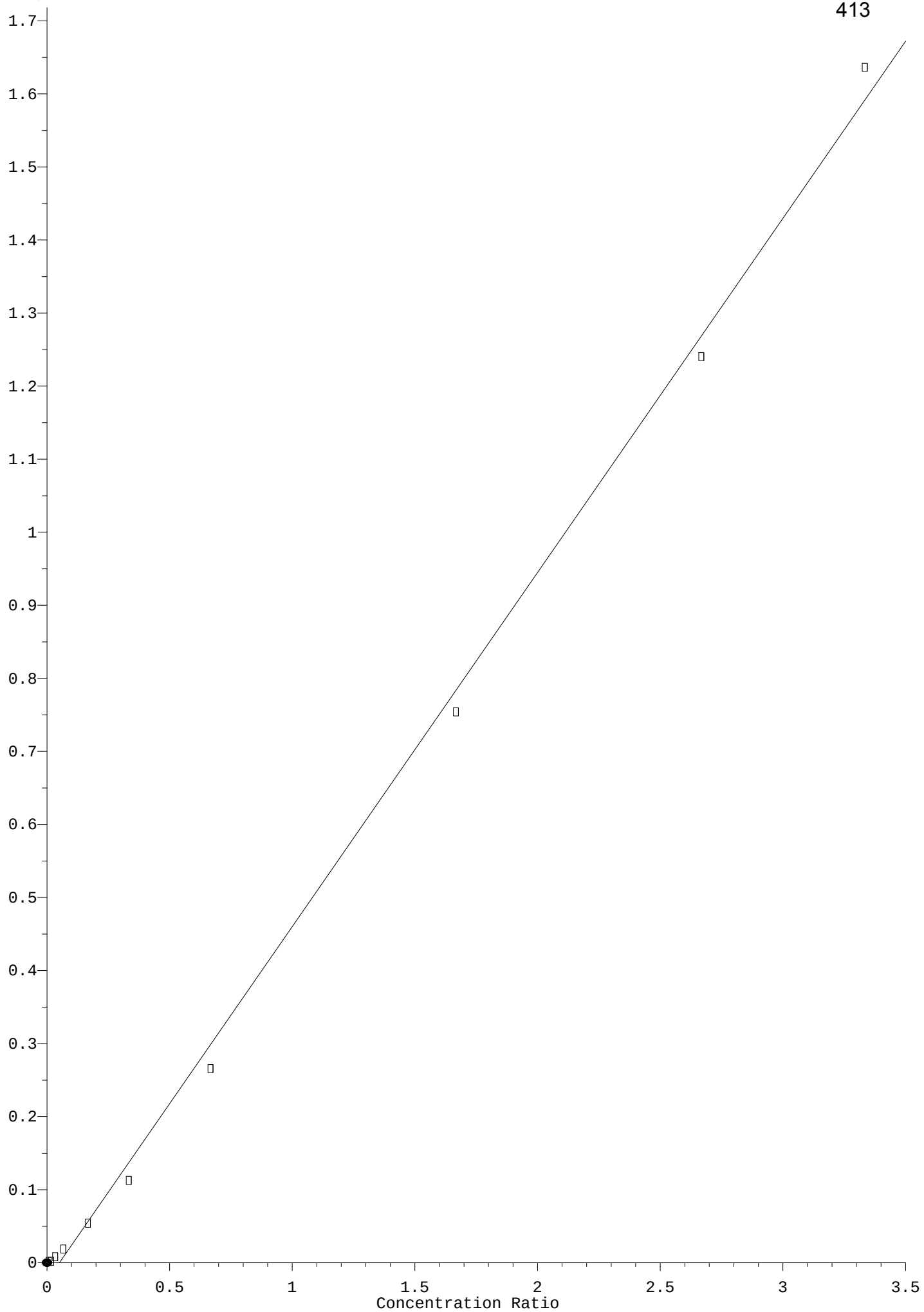


1,4-DIOXANE



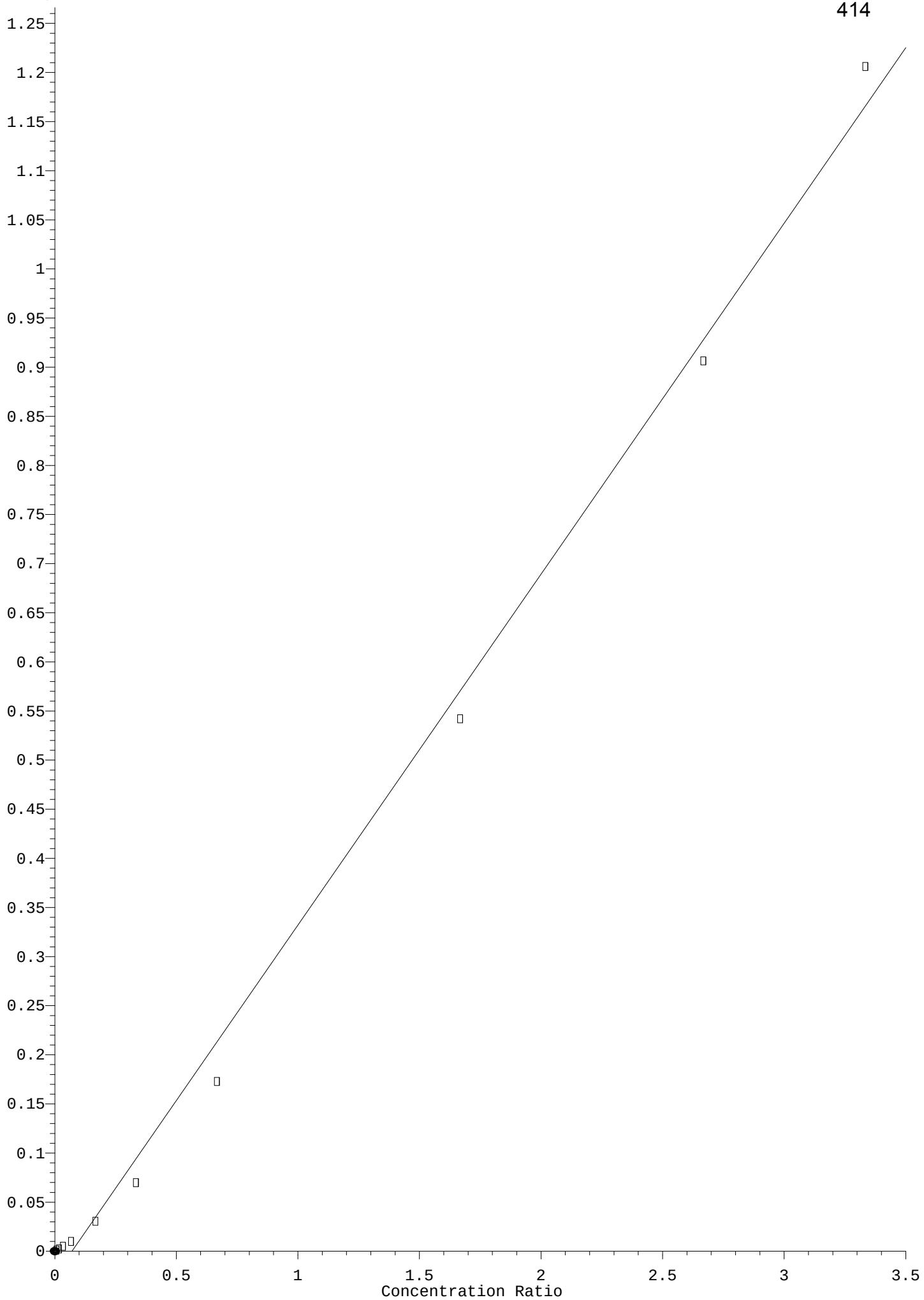
Response Ratio

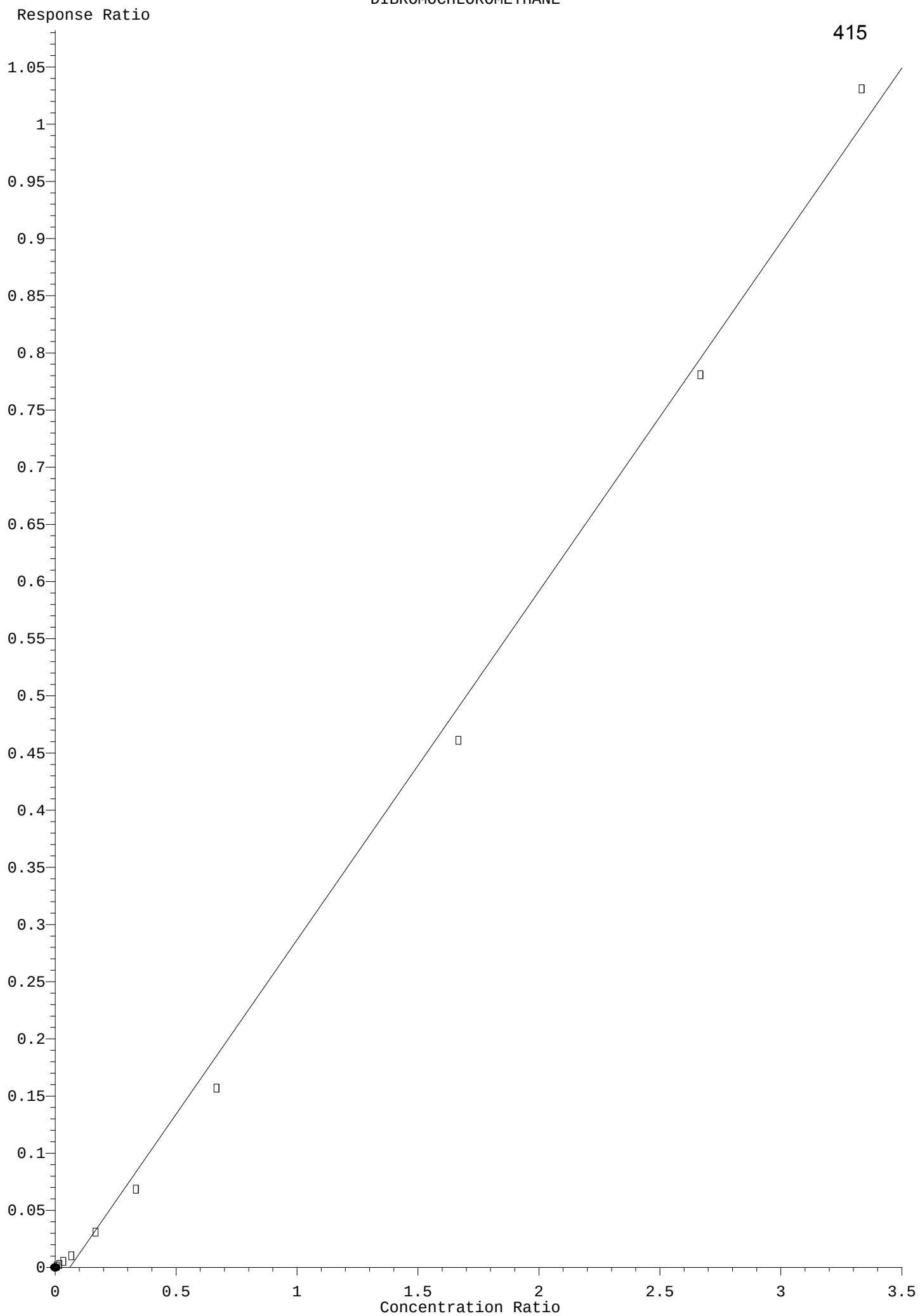
413

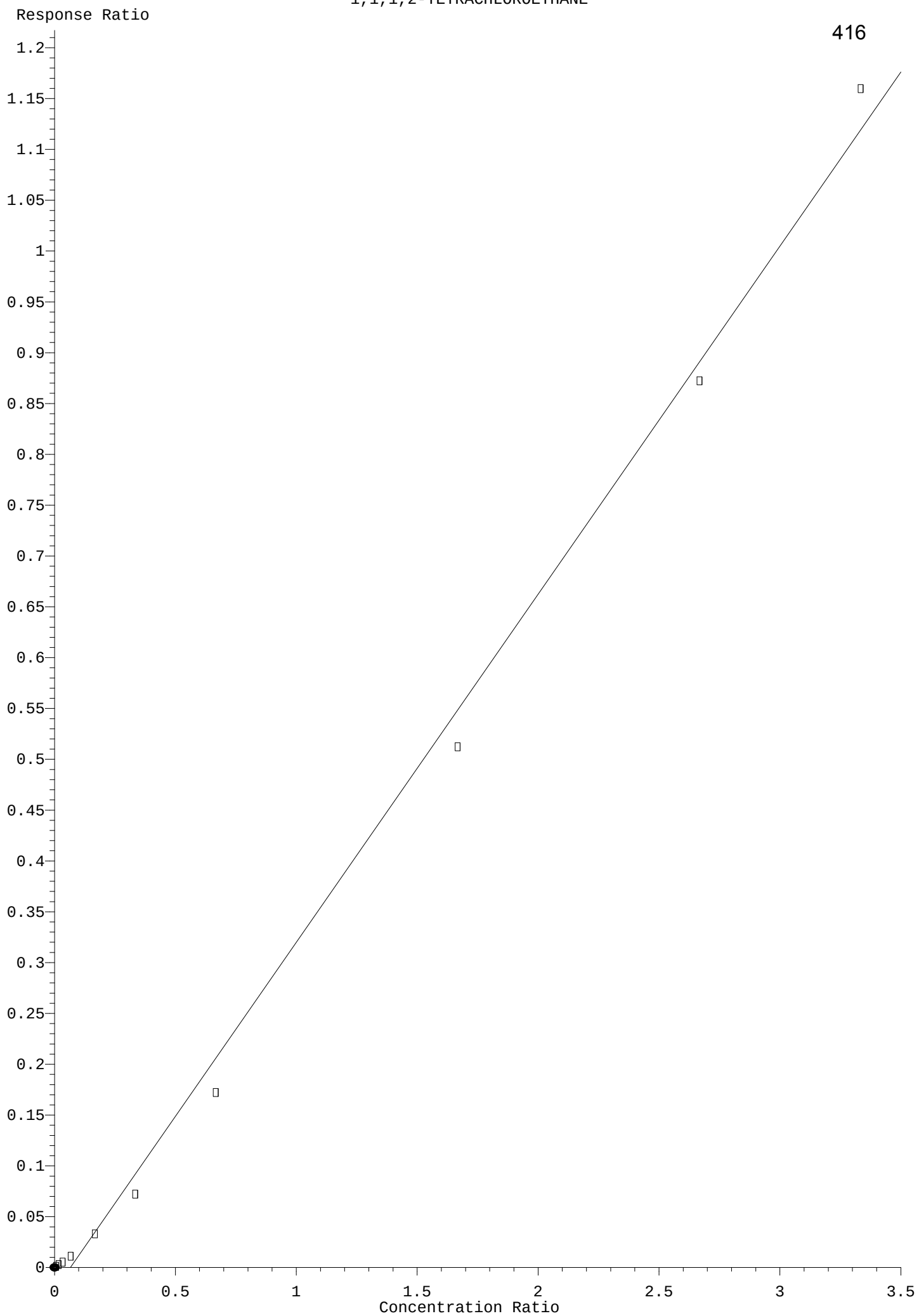


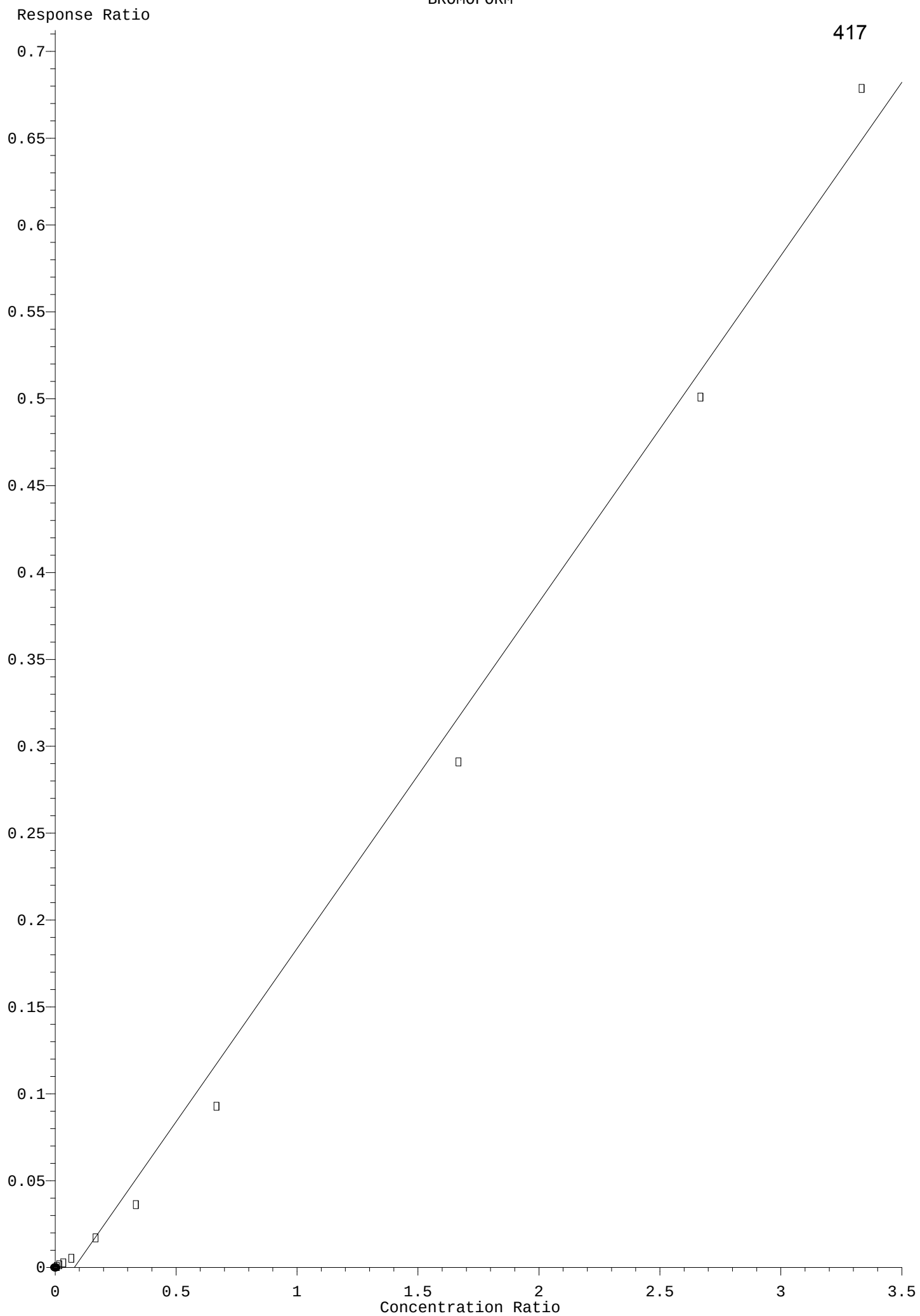
Response Ratio

414



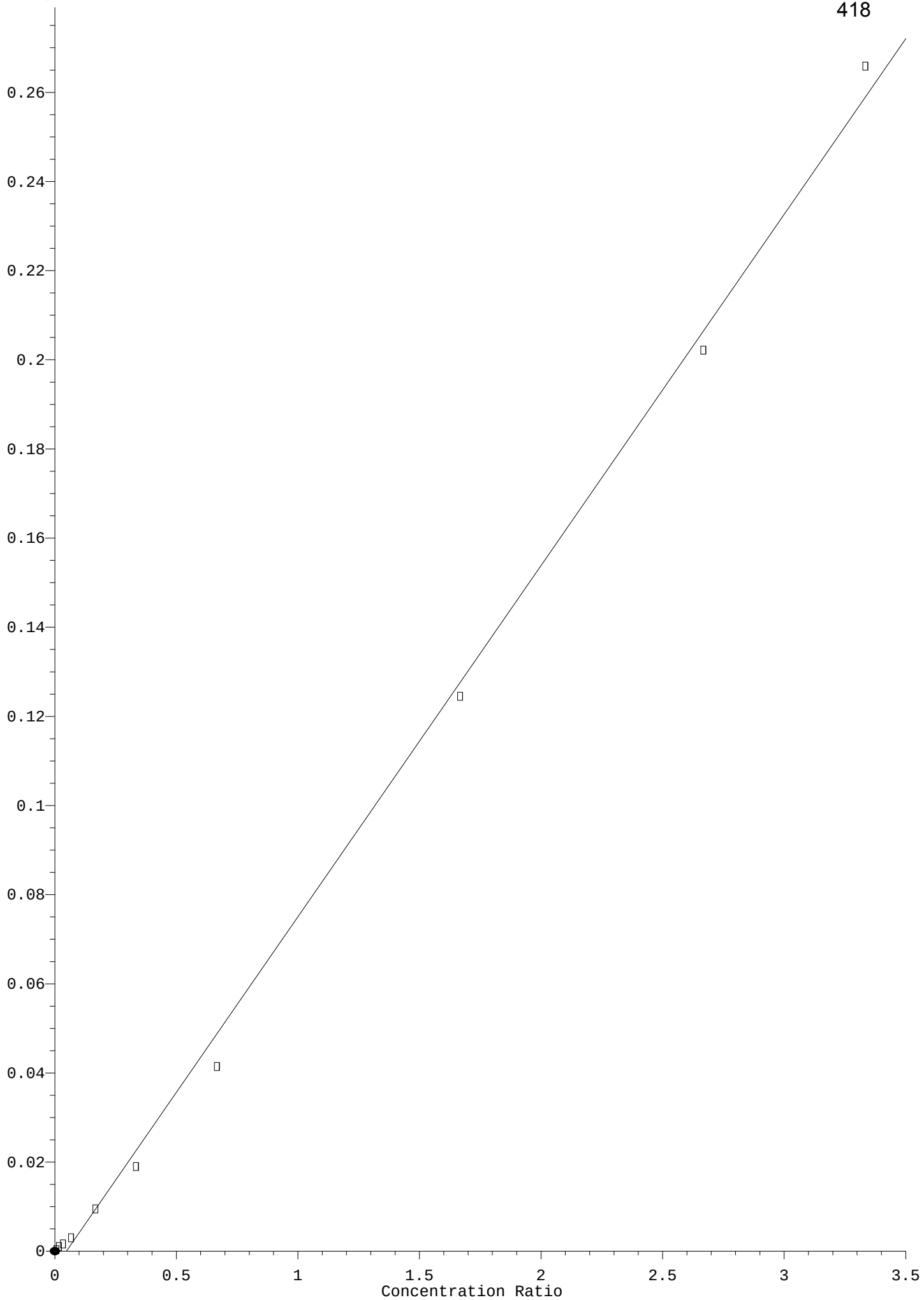




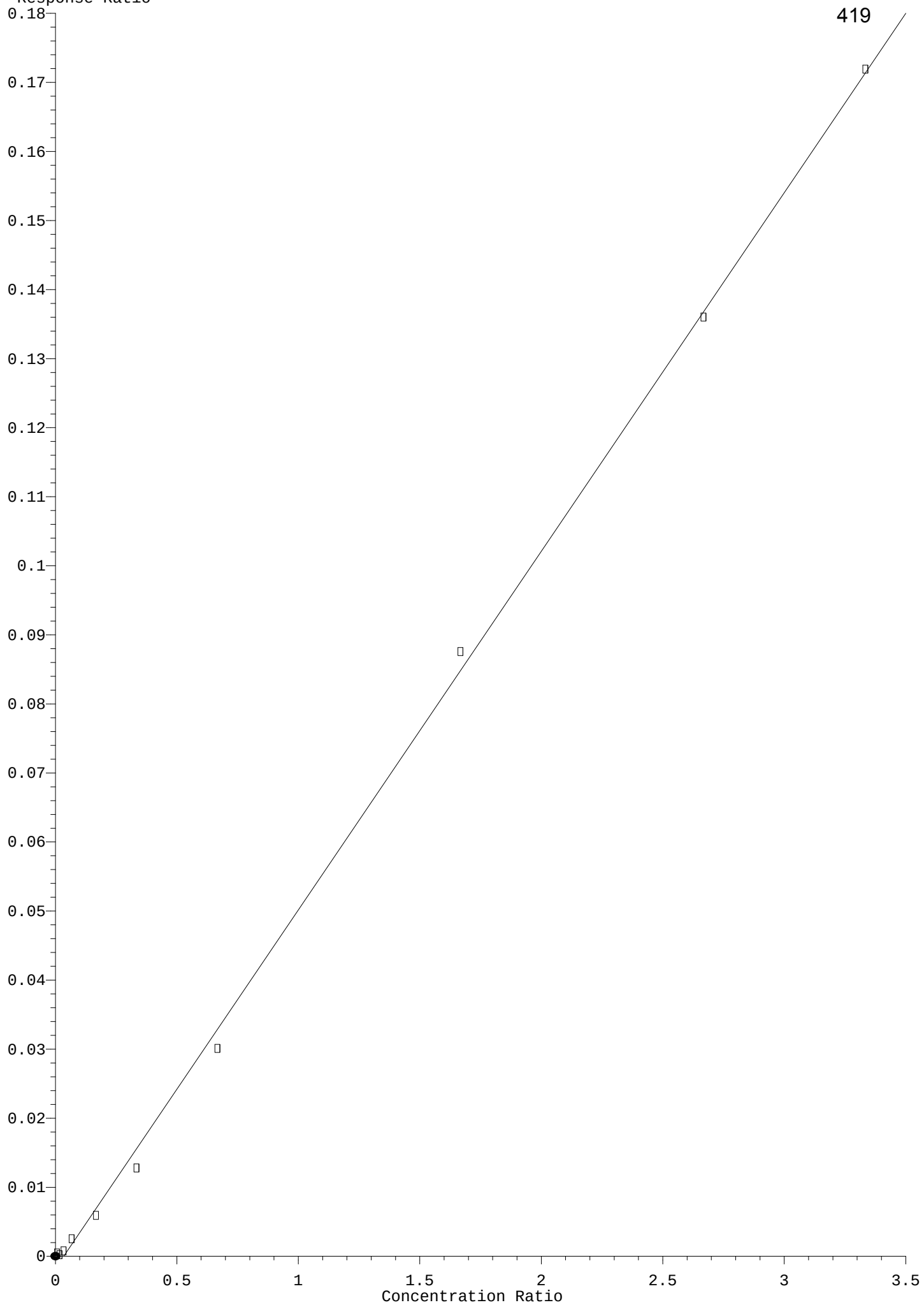


Response Ratio

418



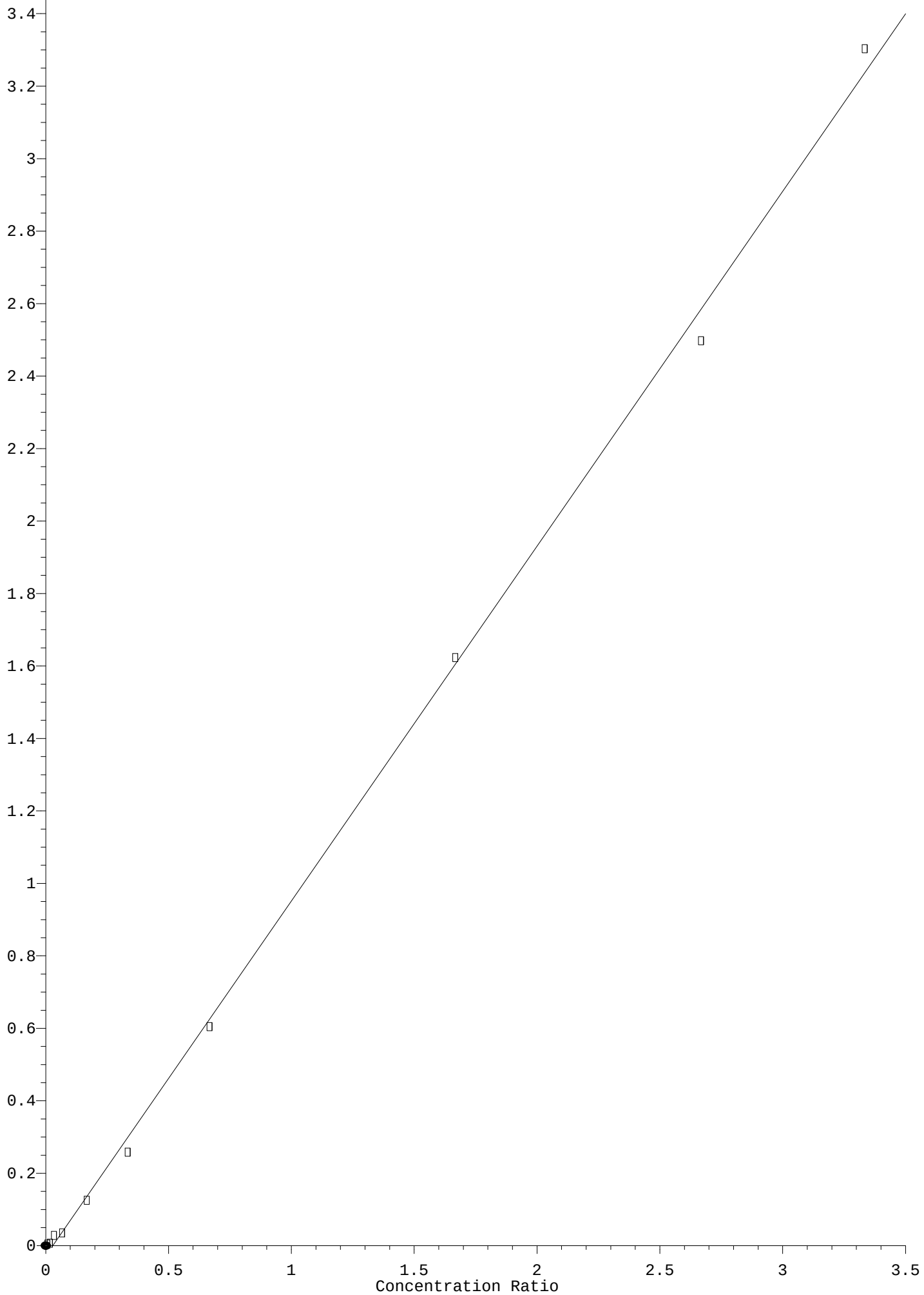
Response Ratio



NAPHTHALENE

Response Ratio

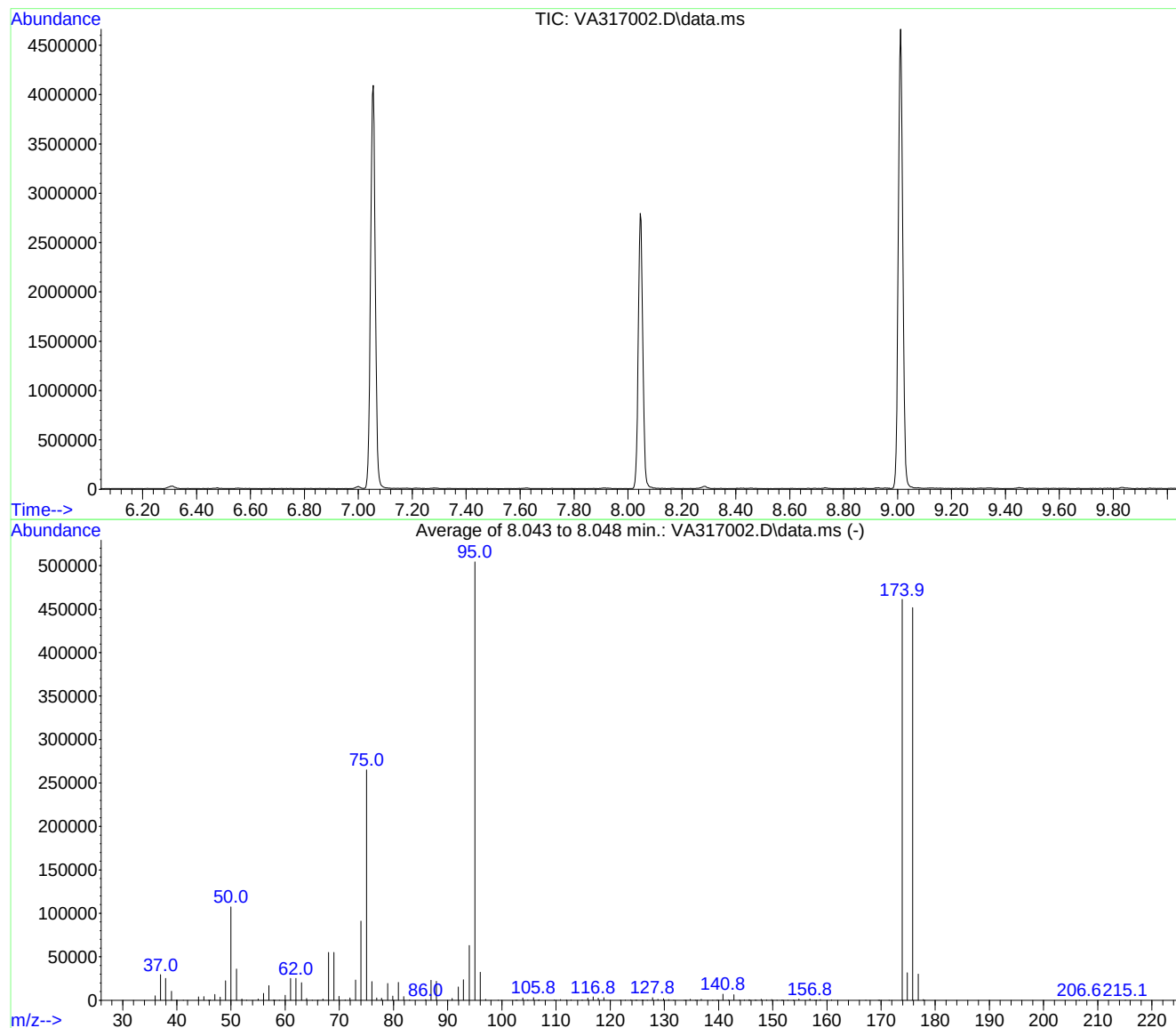
420



Data Path : V:\DATA\111212\
 Data File : VA317002.D
 Acq On : 12 Nov 2012 5:39 am
 Operator : MFF
 Sample : BFB
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: rteint.p

Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Title : 8260 SOIL CALIBRATION (FRONT)
 Last Update : Mon Nov 12 13:10:19 2012



AutoFind: Scans 2553, 2554, 2555; Background Corrected with Scan 2540

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.3	107344	PASS
75	95	30	60	52.6	265088	PASS
95	95	100	100	100.0	504299	PASS
96	95	5	9	6.4	32192	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	91.5	461333	PASS
175	174	5	9	6.9	31677	PASS
176	174	95	101	97.9	451648	PASS
177	176	5	9	6.7	30064	PASS

Data File : V:\DATA\111212\VA317003.D

Acq On : 12 Nov 2012 6:10 am

Sample : 8260 STD 0.2PPB

InstName : GCMSVOA1

Misc :

Quant Time: Feb 04 17:15:35 2013

Vial: 3

Operator: MFF

Inst : GCMSVOA1

Multiplr: 1.00

422

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M

Quant Title : 8260 SOIL CALIBRATION (FRONT)

QLast Update : Wed Nov 07 14:08:54 2012

Response via : Initial Calibration

DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.843	168	1197555	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.521	114	1693645	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.053	117	1604577	30.00	UG/L	0.00
86) 1,4-DICHLOROBENZENE-D4...	9.012	152	908855	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.093	65	443651	0.00	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	0.00%#	
48) TOLUENE SS	5.829	98	1703508	0.00	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	0.00%#	
69) 4-BROMOFLUROBENZENE SS	8.046	95	645294	0.00	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	0.00%#	
Target Compounds						Qvalue
3) DICHLORODIFLOUROMETHANE	0.980	85	5320	No	Calib	
4) DIFLUOROCHLOROMETHANE	0.985	51	5234	No	Calib	
5) CHLOROMETHANE	1.077	50	6814	No	Calib	#
6) VINYL CHLORIDE	1.136	62	5680	No	Calib	#
7) BROMOMETHANE	1.311	94	3448	No	Calib	
8) CHLOROETHANE	1.366	64	2995	No	Calib	#
9) FLUORODICHLOROMETHANE	1.467	67	7258	No	Calib	
10) TRICHLOROFLUOROMETHANE	1.508	101	8019	No	Calib	
11) DI ETHYL ETHER	1.667	74	2015	No	Calib	#
12) ACETONE	1.842	58	3674	No	Calib	
13) 1,1,2TRICL-1,2,2TRIFLE...	1.812	101	3856	No	Calib	
14) 1,1-DICHLOROETHENE	1.814	96	4783	No	Calib	
15) IODOMETHANE	1.915	142	34144	No	Calib	
16) METHYL ACETATE	2.062	43	1064	No	Calib	#
17) T-BUTYL ALCOHOL	2.229	59	739	No	Calib	#
18) ACRYLONITRILE	2.335	53	965	No	Calib	#
19) ACETONITRILE	2.168	41	5860	No	Calib	#
20) ALLYL CHLORIDE	0.000		0	N.D.	d	
21) METHYLENE CHLORIDE	2.140	49	46877	No	Calib	
22) CARBON DISULFIDE	1.965	76	116106	No	Calib	
23) METHYL TERT-BUTYL ETHE...	2.357	73	6018	No	Calib	#
24) TRANS 1,2-DICHLOROETHENE	2.349	96	3196	No	Calib	#
25) 1,1-DICHLOROETHANE	2.710	63	6333	No	Calib	#
26) CHLOROPRENE	0.000		0	N.D.	d	
27) VINYL ACETATE	2.771	43	42151	No	Calib	
28) DI ISOPROPYL ETHER	2.791	45	10240	No	Calib	
29) 2-BUTANONE	3.314	72	677	No	Calib	#
30) T-BUTYL ETHYL ETHER	3.166	59	6496	No	Calib	#
31) CIS-1,2-DICHLOROETHENE	3.297	96	2242	No	Calib	#
32) 2,2-DICHLOROPROPANE	3.286	77	1006	No	Calib	
33) PROPIONITRILE	3.303	54	44	No	Calib	#
34) ETHYL ACETATE	3.395	43	777	No	Calib	#
35) METHYLACRYLONITRILE	4.304	41	237	No	Calib	#
36) BROMOCHLOROMETHANE	3.531	128	705	No	Calib	
37) TETRAHYDROFURAN	3.589	72	248	No	Calib	#
38) CHLOROFORM	3.628	83	6238	No	Calib	#
39) 1,1,1-TRICHLOROETHANE	3.781	97	1258	No	Calib	#
40) CYCLOHEXANE	3.837	56	29769	No	Calib	#
41) CARBON TETRACHLORIDE	3.951	117	2726	No	Calib	
42) 1,1-DICHLOROPROPENE	3.943	75	1768	No	Calib	#
43) ISOBUTANOL	0.000		0	N.D.	d	
44) BENZENE	4.143	78	14286	No	Calib	
45) T-AMYLMETHYL ETHER	4.271	73	5421	No	Calib	#
47) METHYLCYCLOHEXANE	4.919	83	4909	No	Calib	#
49) 1,2-DICHLOROETHANE	4.165	62	4145	No	Calib	#
50) TRICHLOROETHENE	4.749	95	3300	No	Calib	
51) 1,2-DICHLOROPROPANE	4.944	63	1838	No	Calib	#
52) DIBROMOMETHANE	5.042	93	785	No	Calib	#
53) METHYL METHACRYLATE	4.925	41	3135	No	Calib	#

Data File : V:\DATA\111212\VA317003.D

Acq On : 12 Nov 2012 6:10 am

Sample : 8260 STD 0.2PPB

InstName : GCMSVOA1

Misc :

Quant Time: Feb 04 17:15:35 2013

Vial: 3

Operator: MFF

Inst : GCMSVOA1

Multiplr: 1.00

423

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M

Quant Title : 8260 SOIL CALIBRATION (FRONT)

QLast Update : Wed Nov 07 14:08:54 2012

Response via : Initial Calibration

DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) 1,4-DIOXANE	0.000		0	N.D.		
55) BROMODICHLOROMETHANE	5.200	83	3715	No	Calib	#
56) 2-CHLOROETHYLVINYLETHER	5.495	63	2779	No	Calib	
57) MIBK	5.748	43	20852	No	Calib	
58) CIS-1,3-DICHLOROPROPENE	5.598	75	3054	No	Calib	#
59) TOLUENE	5.882	92	12293	No	Calib	
60) TRANS-1,3,-DICHLOROPRO...	6.090	75	2005	No	Calib	
61) ETHYL METHACRYLATE	6.374	69	222	No	Calib	#
62) 1,1,2-TRICHLOROETHANE	6.241	83	2297	No	Calib	#
63) 2-HEXANONE	6.474	43	12321	No	Calib	
64) TETRACHLOROETHENE	6.346	164	1267	No	Calib	#
65) 1,3-DICHLOROPROPANE	6.377	76	4509	No	Calib	
66) DIBROMOCHLOROMETHANE	6.566	129	2006	No	Calib	#
67) 1,2-DIBROMOETHANE	6.650	107	1731	No	Calib	#
70) CHLOROBENZENE	7.081	112	10339	No	Calib	#
71) 1,1,1,2-TETRACHLOROETHANE	7.150	131	1733	No	Calib	#
72) ETHYLBENZENE	7.178	91	17465	No	Calib	
73) M/P-XYLENES	7.281	106	12788	No	Calib	
74) O-XYLENE	7.610	106	6875	No	Calib	
75) STYRENE	7.629	104	11502	No	Calib	
76) BROMOFORM	7.768	173	881	No	Calib	#
77) ISOPROPYLBENZENE	7.929	105	16391	No	Calib	
78) 1,1,2,2-TETRACHLOROETHANE	8.177	83	1525	No	Calib	#
79) 1,4-DICHLORO-2-BUTENE(...	8.230	53	549	No	Calib	#
80) BROMOBENZENE	8.160	156	1906	No	Calib	#
81) 1,2,3-TRICHLOROPROPANE	8.213	75	2791	No	Calib	#
82) N-PROPYLBENZENE	8.272	91	19515	No	Calib	
83) 2-CHLOROTOLUENE	8.336	91	12394	No	Calib	
84) 1,3,5-TRIMETHYLBENZENE	8.427	105	13039	No	Calib	
85) 4-CHLOROTOLUENE	8.425	91	14034	No	Calib	
87) TERT-BUTYLBENZENE	8.695	119	11216	No	Calib	
88) 1,2,4-TRIMETHYLBENZENE	8.733	105	13785	No	Calib	
89) SEC-BUTYLBENZENE	8.875	105	16833	No	Calib	
90) 1,3-DICHLOROBENZENE	8.962	146	9349	No	Calib	
91) P-ISOPROPYLTOLUENE	9.006	119	14507	No	Calib	#
92) 1,4-DICHLOROBENZENE	9.034	146	9543	No	Calib	#
93) N-BUTYLBENZENE	9.346	91	12978	No	Calib	#
94) 1,2-DICHLOROBENZENE	9.334	146	7866	No	Calib	
95) 1,2-DIBROMO-3-CHLOROPR...	9.835	75	419	No	Calib	#
96) 1,3,5-TRICHLOROBENZENE	10.172	180	5166	No	Calib	
97) 1,2,4-TRICHLOROBENZENE	10.678	180	2975	No	Calib	
98) HEXACHLOROBUTADIENE	10.834	225	2920	No	Calib	
99) NAPHTHALENE	10.879	128	3715	No	Calib	
100) 1,2,3-TRICHLOROBENZENE	11.084	180	2230	No	Calib	

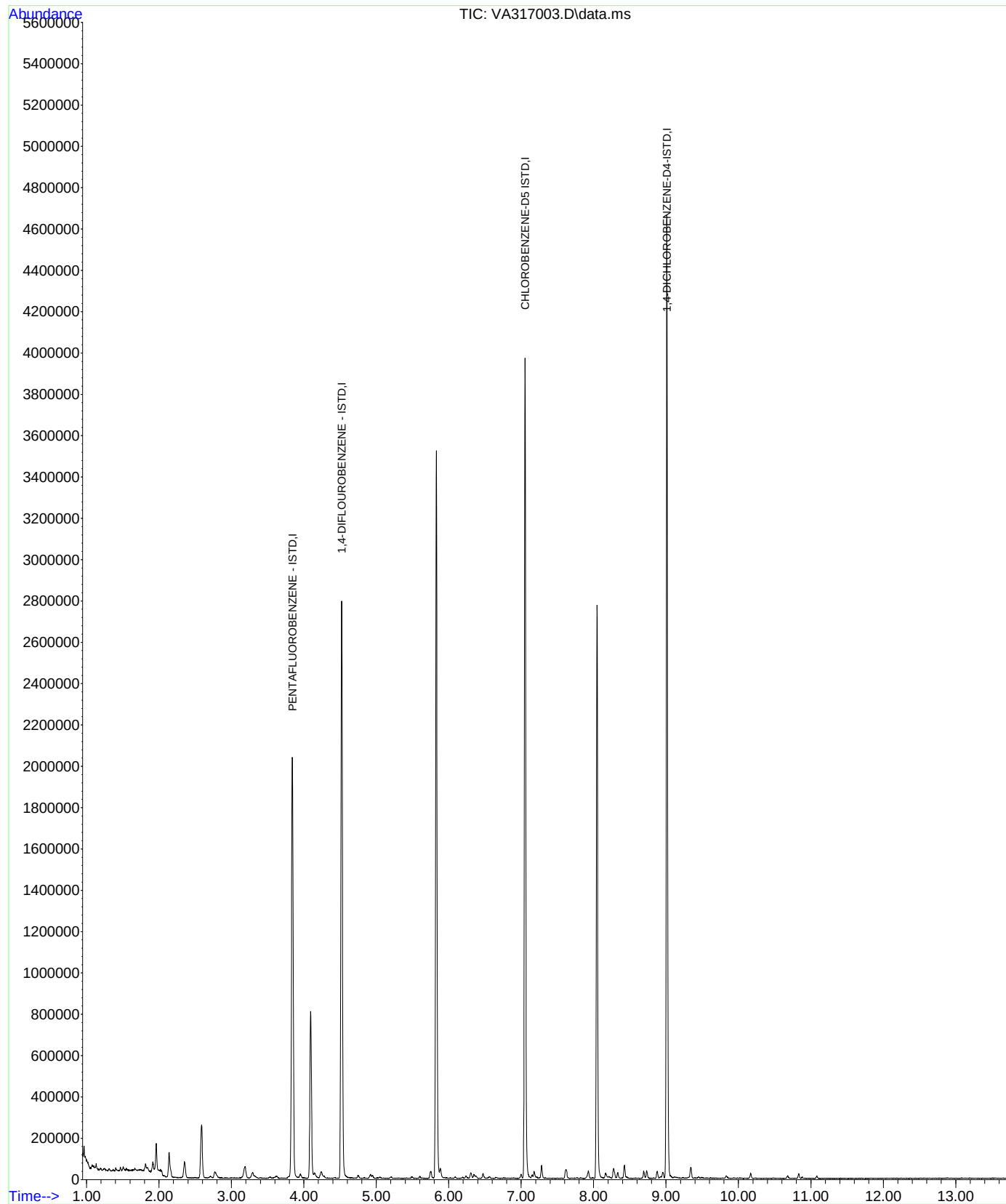
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : V:\DATA\111212\VA317003.D
Acq On : 12 Nov 2012 6:10 am
Sample : 8260 STD 0.2PPB
InstName : GCMSVOA1
Misc :
Quant Time: Feb 04 17:15:35 2013

Vial: 3
Operator: MFF
Inst : GCMSVOA1
Multiplr: 1.00

424

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Wed Nov 07 14:08:54 2012
Response via : Initial Calibration
DataAcq Meth:821205S8



Data File : V:\DATA\111212\VA317004.D
 Acq On : 12 Nov 2012 6:37 am
 Sample : 8260 STD 0.5PPB
 InstName : GCMSVOA1
 Misc :
 Quant Time: Feb 04 17:16:57 2013

Vial: 4
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

425

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 12:26:54 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.842	168	1134766	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.524	114	1619175	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.053	117	1490496	30.00	UG/L	0.00
86) 1,4-DICHLOROBENZENE-D4...	9.012	152	852399	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.096	65	405318	24.10	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	96.40%	
48) TOLUENE SS	5.829	98	1611547	24.74	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	98.96%	
69) 4-BROMOFLUROBENZENE SS	8.046	95	586688	24.47	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	97.88%	
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	0.980	85	10475	No Calib		
4) DIFLUOROCHLOROMETHANE	0.985	51	9097	No Calib		
5) CHLOROMETHANE	1.074	50	14128	0.438 UG/L		99
6) VINYL CHLORIDE	1.135	62	12900	No Calib		
7) BROMOMETHANE	1.313	94	5783	0.354 UG/L		100
8) CHLOROETHANE	1.366	64	7163	0.505 UG/L		94
9) FLUORODICHLOROMETHANE	1.469	67	17721	0.515 UG/L		97
10) TRICHLOROFLUOROMETHANE	1.505	101	19326	No Calib		
11) DI ETHYL ETHER	1.672	74	4370	No Calib		
12) ACETONE	1.845	58	8011	No Calib		
13) 1,1,2TRICL-1,2,2TRIFLE...	1.811	101	9741	No Calib		
14) 1,1-DICHLOROETHENE	1.817	96	10552	No Calib		
15) IODOMETHANE	1.914	142	96282	5.952 UG/L		94
16) METHYL ACETATE	2.065	43	2870	0.569 UG/L #		98
17) T-BUTYL ALCOHOL	2.223	59	2125	No Calib #		
18) ACRYLONITRILE	2.326	53	838	No Calib #		
19) ACETONITRILE	2.156	41	5417	No Calib #		
20) ALLYL CHLORIDE	0.000		0	N.D. d		
21) METHYLENE CHLORIDE	2.140	49	45604	0.205 UG/L		99
22) CARBON DISULFIDE	1.962	76	286015	No Calib		
23) METHYL TERT-BUTYL ETHE...	2.359	73	12781	0.448 UG/L #		1
24) TRANS 1,2-DICHLOROETHENE	2.346	96	8352	No Calib		
25) 1,1-DICHLOROETHANE	2.713	63	14912	No Calib		
26) CHLOROPRENE	0.000		0	N.D. d		
27) VINYL ACETATE	2.768	43	93959	No Calib		
28) DI ISOPROPYL ETHER	2.799	45	23708	0.489 UG/L #		77
29) 2-BUTANONE	3.325	72	5400	16.835 UG/L		92
30) T-BUTYL ETHYL ETHER	3.164	59	8463	0.275 UG/L #		59
31) CIS-1,2-DICHLOROETHENE	3.294	96	8732	0.822 UG/L #		95
32) 2,2-DICHLOROPROPANE	3.297	77	6183	1.297 UG/L		98
33) PROPIONITRILE	3.319	54	123	No Calib #		
34) ETHYL ACETATE	3.400	43	1617	No Calib #		
35) METHYLACRYLONITRILE	4.243	41	5540	No Calib #		
36) BROMOCHLOROMETHANE	3.542	128	3138	0.939 UG/L		92
37) TETRAHYDROFURAN	3.589	72	407	No Calib #		
38) CHLOROFORM	3.623	83	13189	0.446 UG/L		91
39) 1,1,1-TRICHLOROETHANE	3.795	97	8483	1.423 UG/L #		75
40) CYCLOHEXANE	3.842	56	37746	0.268 UG/L #		67
41) CARBON TETRACHLORIDE	3.954	117	6373	0.493 UG/L #		61
42) 1,1-DICHLOROPROPENE	3.954	75	12170	No Calib		
43) ISOBUTANOL	0.000		0	N.D. d		
44) BENZENE	4.148	78	33060	0.488 UG/L		100
45) T-AMYL METHYL ETHER	4.271	73	10619	0.413 UG/L #		65
47) METHYLCYCLOHEXANE	4.916	83	12824	No Calib #		
49) 1,2-DICHLOROETHANE	4.168	62	9454	0.477 UG/L		98
50) TRICHLOROETHENE	4.747	95	8710	No Calib		
51) 1,2-DICHLOROPROPANE	4.944	63	3696	0.421 UG/L		97
52) DIBROMOMETHANE	5.053	93	4261	1.136 UG/L #		84
53) METHYL METHACRYLATE	4.913	41	4504	No Calib #		

Data File : V:\DATA\111212\VA317004.D
 Acq On : 12 Nov 2012 6:37 am
 Sample : 8260 STD 0.5PPB
 InstName : GCMSVOA1
 Misc :
 Quant Time: Feb 04 17:16:57 2013

Vial: 4
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

426

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 12:26:54 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) 1,4-DIOXANE	5.083	88	261	No Calib	#	
55) BROMODICHLOROMETHANE	5.200	83	7716	0.435	UG/L	# 97
56) 2-CHLOROETHYLVINYLETHER	5.492	63	5017	No Calib	#	
57) MIBK	5.751	43	40774	4.091	UG/L	# 90
58) CIS-1,3-DICHLOROPROPENE	5.598	75	3609	0.247	UG/L	# 24
59) TOLUENE	5.887	92	26554	0.452	UG/L	92
60) TRANS-1,3,-DICHLOROPRO...	6.088	75	3715	0.388	UG/L	# 81
61) ETHYL METHACRYLATE	6.391	69	200	No Calib	#	
62) 1,1,2-TRICHLOROETHANE	6.235	83	4733	0.431	UG/L	92
63) 2-HEXANONE	6.471	43	28099	4.771	UG/L	95
64) TETRACHLOROETHENE	6.349	164	6838	No Calib		
65) 1,3-DICHLOROPROPANE	6.377	76	9761	0.453	UG/L	96
66) DIBROMOCHLOROMETHANE	6.563	129	4214	0.439	UG/L	93
67) 1,2-DIBROMOETHANE	6.652	107	4375	0.529	UG/L	# 99
70) CHLOROBENZENE	7.078	112	23429	0.488	UG/L	98
71) 1,1,1,2-TETRACHLOROETHANE	7.156	131	4077	0.507	UG/L	87
72) ETHYLBENZENE	7.178	91	40088	0.494	UG/L	93
73) M/P-XYLENES	7.281	106	30735	No Calib		
74) O-XYLENE	7.612	106	14622	0.458	UG/L	88
75) STYRENE	7.623	104	24429	0.457	UG/L	99
76) BROMOFORM	7.773	173	2306	0.564	UG/L	# 63
77) ISOPROPYLBENZENE	7.926	105	39524	No Calib		
78) 1,1,2,2-TETRACHLOROETHANE	8.182	83	6520	0.921	UG/L	90
79) 1,4-DICHLORO-2-BUTENE(...	8.235	53	550	0.216	UG/L	# 1
80) BROMOBENZENE	8.163	156	9454	1.068	UG/L	94
81) 1,2,3-TRICHLOROPROPANE	8.205	75	4699	No Calib	#	
82) N-PROPYLBENZENE	8.271	91	48673	No Calib		
83) 2-CHLOROTOLUENE	8.333	91	29936	0.520	UG/L	95
84) 1,3,5-TRIMETHYLBENZENE	8.425	105	32651	No Calib		
85) 4-CHLOROTOLUENE	8.425	91	33702	0.517	UG/L	97
87) TERT-BUTYLBENZENE	8.692	119	28200	No Calib		
88) 1,2,4-TRIMETHYLBENZENE	8.733	105	31845	0.493	UG/L	99
89) SEC-BUTYLBENZENE	8.875	105	44997	No Calib		
90) 1,3-DICHLOROBENZENE	8.956	146	20187	0.460	UG/L	98
91) P-ISOPROPYLTOLUENE	9.003	119	34532	0.508	UG/L	# 91
92) 1,4-DICHLOROBENZENE	9.031	146	19842	0.443	UG/L	# 67
93) N-BUTYLBENZENE	9.345	91	32332	No Calib		
94) 1,2-DICHLOROBENZENE	9.337	146	16623	0.451	UG/L	96
95) 1,2-DIBROMO-3-CHLOROPR...	9.988	75	186	No Calib	#	
96) 1,3,5-TRICHLOROBENZENE	10.163	180	12153	0.502	UG/L	92
97) 1,2,4-TRICHLOROBENZENE	10.681	180	6411	0.460	UG/L	92
98) HEXACHLOROBUTADIENE	10.828	225	7032	No Calib		
99) NAPHTHALENE	10.878	128	5756	No Calib		
100) 1,2,3-TRICHLOROBENZENE	11.079	180	5073	0.485	UG/L	98

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

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Page: 3

Data File : V:\DATA\111212\VA317009.D

Acq On : 12 Nov 2012 8:51 am

Sample : 8260 STD 1.0PPB

InstName : GCMSVOA1

Misc :

Quant Time: Feb 04 17:18:10 2013

Vial: 9

Operator: MFF

Inst : GCMSVOA1

Multiplr: 1.00

428

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M

Quant Title : 8260 SOIL CALIBRATION (FRONT)

QLast Update : Mon Nov 12 13:10:19 2012

Response via : Initial Calibration

DataAcq Meth:821205S8

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.842	168	1087643	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.523	114	1525697	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.052	117	1408804	30.00	UG/L	0.00
86) 1,4-DICHLOROBENZENE-D4...	9.011	152	821404	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.095	65	389656	26.00	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	104.00%	
48) TOLUENE SS	5.828	98	1525801	24.83	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	99.32%	
69) 4-BROMOFLUROBENZENE SS	8.046	95	555002	24.41	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	97.64%	
Target Compounds						Qvalue
3) DICHLORODIFLOUROMETHANE	0.982	85	16772	0.994	UG/L	99
4) DIFLUOROCHLOROMETHANE	0.987	51	17122	No Calib		
5) CHLOROMETHANE	1.076	50	23888	1.144	UG/L	96
6) VINYL CHLORIDE	1.135	62	24270	1.040	UG/L	93
7) BROMOMETHANE	1.310	94	11026	0.848	UG/L	96
8) CHLOROETHANE	1.366	64	12741	1.100	UG/L	98
9) FLUORODICHLOROMETHANE	1.469	67	34804	1.077	UG/L	96
10) TRICHLOROFLUOROMETHANE	1.508	101	35783	1.034	UG/L	96
11) DI ETHYL ETHER	1.672	74	8092	1.086	UG/L	90
12) ACETONE	1.844	58	12251	13.110	UG/L	94
13) 1,1,2TRICL-1,2,2TRIFLE...	1.811	101	17185	0.999	UG/L #	78
14) 1,1-DICHLOROETHENE	1.814	96	19370	1.012	UG/L	87
15) IODOMETHANE	1.917	142	228170	9.478	UG/L	95
16) METHYL ACETATE	2.070	43	10310	1.131	UG/L #	65
17) T-BUTYL ALCOHOL	2.234	59	3954	11.184	UG/L #	69
18) ACRYLONITRILE	2.328	53	3677	1.065	UG/L #	88
19) ACETONITRILE	2.228	41	1409	No Calib	#	
20) ALLYL CHLORIDE	0.000		0	N.D.	d	
21) METHYLENE CHLORIDE	2.139	49	125618	2.941	UG/L	98
22) CARBON DISULFIDE	1.961	76	572262	10.220	UG/L	99
23) METHYL TERT-BUTYL ETHE...	2.356	73	24593	0.939	UG/L #	1
24) TRANS 1,2-DICHLOROETHENE	2.353	96	16855	1.003	UG/L	90
25) 1,1-DICHLOROETHANE	2.715	63	28839	1.005	UG/L	98
26) CHLOROPRENE	0.000		0	N.D.	d	
27) VINYL ACETATE	2.771	43	205082	9.010	UG/L	97
28) DI ISOPROPYL ETHER	2.796	45	47761	0.988	UG/L #	85
29) 2-BUTANONE	3.327	72	9612	9.758	UG/L	90
30) T-BUTYL ETHYL ETHER	3.168	59	28643	0.928	UG/L	98
31) CIS-1,2-DICHLOROETHENE	3.302	96	17438	1.023	UG/L	97
32) 2,2-DICHLOROPROPANE	3.299	77	12138	0.959	UG/L	99
33) PROPIONITRILE	3.316	54	87	No Calib	#	
34) ETHYL ACETATE	3.402	43	6511	No Calib	#	
35) METHYLACRYLONITRILE	4.279	41	3272	No Calib	#	
36) BROMOCHLOROMETHANE	3.533	128	6087	0.981	UG/L	88
37) TETRAHYDROFURAN	3.594	72	848	0.951	UG/L #	1
38) CHLOROFORM	3.625	83	27372	1.005	UG/L	98
39) 1,1,1-TRICHLOROETHANE	3.794	97	19150	0.918	UG/L #	93
40) CYCLOHEXANE	3.842	56	50373	0.703	UG/L #	76
41) CARBON TETRACHLORIDE	3.945	117	11968	0.904	UG/L	96
42) 1,1-DICHLOROPROPENE	3.956	75	22587	0.979	UG/L	96
43) ISOBUTANOL	0.000		0	N.D.	d	
44) BENZENE	4.148	78	64567	0.999	UG/L	100
45) T-AMYLMETHYL ETHER	4.276	73	21784	0.890	UG/L #	71
47) METHYLCYCLOHEXANE	4.916	83	23320	0.911	UG/L	97
49) 1,2-DICHLOROETHANE	4.167	62	18199	0.964	UG/L #	91
50) TRICHLOROETHENE	4.752	95	16570	0.960	UG/L	93
51) 1,2-DICHLOROPROPANE	4.946	63	16328	0.987	UG/L #	95
52) DIBROMOMETHANE	5.049	93	7194	0.907	UG/L	96
53) METHYL METHACRYLATE	4.916	41	13120	No Calib	#	

Data File : V:\DATA\111212\VA317009.D
 Acq On : 12 Nov 2012 8:51 am
 Sample : 8260 STD 1.0PPB
 InstName : GCMSVOA1
 Misc :
 Quant Time: Feb 04 17:18:10 2013

Vial: 9
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

429

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 13:10:19 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) 1,4-DIOXANE	5.085	88	417	15.356	UG/L #	78
55) BROMODICHLOROMETHANE	5.202	83	15778	0.860	UG/L #	92
56) 2-CHLOROETHYLVINYLETHER	5.486	63	11890	No Calib	#	
57) MIBK	5.750	43	95492	10.393	UG/L	96
58) CIS-1,3-DICHLOROPROPENE	5.600	75	12688	2.045	UG/L #	87
59) TOLUENE	5.887	92	40214	0.901	UG/L	90
60) TRANS-1,3,-DICHLOROPRO...	6.090	75	7609	2.545	UG/L #	85
61) ETHYL METHACRYLATE	6.401	69	65	No Calib	#	
62) 1,1,2-TRICHLOROETHANE	6.240	83	8739	0.923	UG/L	97
63) 2-HEXANONE	6.474	43	61042	9.865	UG/L	95
64) TETRACHLOROETHENE	6.351	164	12813	0.842	UG/L	95
65) 1,3-DICHLOROPROPANE	6.379	76	18298	0.959	UG/L	98
66) DIBROMOCHLOROMETHANE	6.568	129	8096	2.324	UG/L	90
67) 1,2-DIBROMOETHANE	6.654	107	8395	0.831	UG/L #	96
70) CHLOROBENZENE	7.075	112	45926	1.002	UG/L	94
71) 1,1,1,2-TETRACHLOROETHANE	7.152	131	7492	2.438	UG/L	96
72) ETHYLBENZENE	7.183	91	81464	1.019	UG/L	96
73) M/P-XYLENES	7.280	106	60383	1.871	UG/L	96
74) O-XYLENE	7.612	106	29382	0.925	UG/L	98
75) STYRENE	7.625	104	46001	0.894	UG/L	98
76) BROMOFORM	7.770	173	3672	2.774	UG/L #	89
77) ISOPROPYLBENZENE	7.926	105	78911	0.952	UG/L	96
78) 1,1,2,2-TETRACHLOROETHANE	8.182	83	12584	0.941	UG/L #	92
79) 1,4-DICHLORO-2-BUTENE(...	8.232	53	2024	1.990	UG/L #	1
80) BROMOBENZENE	8.165	156	18790	0.913	UG/L	93
81) 1,2,3-TRICHLOROPROPANE	8.207	75	10470	0.976	UG/L	96
82) N-PROPYLBENZENE	8.271	91	97150	0.981	UG/L	96
83) 2-CHLOROTOLUENE	8.332	91	57966	0.976	UG/L	99
84) 1,3,5-TRIMETHYLBENZENE	8.424	105	67492	0.922	UG/L	98
85) 4-CHLOROTOLUENE	8.424	91	66630	0.951	UG/L	99
87) TERT-BUTYLBENZENE	8.694	119	57894	1.032	UG/L	96
88) 1,2,4-TRIMETHYLBENZENE	8.733	105	67702	1.057	UG/L	97
89) SEC-BUTYLBENZENE	8.877	105	94058	1.087	UG/L	95
90) 1,3-DICHLOROBENZENE	8.955	146	37989	0.996	UG/L	96
91) P-ISOPROPYLTOLUENE	9.005	119	73832	1.058	UG/L	96
92) 1,4-DICHLOROBENZENE	9.033	146	38553	1.023	UG/L	99
93) N-BUTYLBENZENE	9.345	91	71801	1.046	UG/L	96
94) 1,2-DICHLOROBENZENE	9.336	146	36057	1.020	UG/L	95
95) 1,2-DIBROMO-3-CHLOROPR...	9.985	75	631	1.458	UG/L	81
96) 1,3,5-TRICHLOROBENZENE	10.166	180	27043	0.988	UG/L	98
97) 1,2,4-TRICHLOROBENZENE	10.677	180	17892	0.933	UG/L	94
98) HEXACHLOROBUTADIENE	10.830	225	15746	1.012	UG/L	97
99) NAPHTHALENE	10.881	128	23444	1.751	UG/L	100
100) 1,2,3-TRICHLOROBENZENE	11.078	180	14452	0.912	UG/L	96

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

430

Page: 3

Data File : V:\DATA\111212\VA317006.D

Acq On : 12 Nov 2012 7:30 am

Sample : 8260 STD 2.0PPB

InstName : GCMSVOA1

Misc :

Quant Time: Feb 04 17:19:08 2013

Vial: 6

Operator: MFF

Inst : GCMSVOA1

Multiplr: 1.00

431

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M

Quant Title : 8260 SOIL CALIBRATION (FRONT)

QLast Update : Mon Nov 12 13:10:19 2012

Response via : Initial Calibration

DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.841	168	1140133	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.523	114	1603791	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.055	117	1475253	30.00	UG/L	0.00
86) 1,4-DICHLOROBENZENE-D4...	9.011	152	861460	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.092	65	404656	25.76	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	103.04%	
48) TOLUENE SS	5.828	98	1602999	24.81	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	99.24%	
69) 4-BROMOFLUROBENZENE SS	8.045	95	582847	24.48	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	97.92%	
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	0.981	85	40332	2.281	UG/L	96
4) DIFLUOROCHLOROMETHANE	0.987	51	34553	No Calib		
5) CHLOROMETHANE	1.076	50	49983	2.284	UG/L	95
6) VINYL CHLORIDE	1.134	62	54597	2.232	UG/L	97
7) BROMOMETHANE	1.312	94	24037	1.764	UG/L	97
8) CHLOROETHANE	1.365	64	24488	2.017	UG/L	93
9) FLUORODICHLOROMETHANE	1.468	67	72498	2.141	UG/L	100
10) TRICHLOROFLUOROMETHANE	1.507	101	75465	2.081	UG/L	95
11) DI ETHYL ETHER	1.669	74	15713	2.011	UG/L	88
12) ACETONE	1.841	58	22550	23.021	UG/L	92
13) 1,1,2TRICL-1,2,2TRIFLE...	1.816	101	37074	2.057	UG/L	# 78
14) 1,1-DICHLOROETHENE	1.813	96	40707	2.029	UG/L	91
15) IODOMETHANE	1.913	142	597253	19.258	UG/L	94
16) METHYL ACETATE	2.064	43	18670	1.954	UG/L	95
17) T-BUTYL ALCOHOL	2.222	59	6088	16.428	UG/L	# 89
18) ACRYLONITRILE	2.328	53	6680	1.846	UG/L	88
19) ACETONITRILE	2.225	41	1724	No Calib	#	
20) ALLYL CHLORIDE	0.000		0	N.D.	d	
21) METHYLENE CHLORIDE	2.139	49	86812	0.945	UG/L	98
22) CARBON DISULFIDE	1.961	76	1266119	21.571	UG/L	99
23) METHYL TERT-BUTYL ETHE...	2.356	73	51960	1.894	UG/L	# 15
24) TRANS 1,2-DICHLOROETHENE	2.353	96	34804	1.977	UG/L	88
25) 1,1-DICHLOROETHANE	2.712	63	61653	2.050	UG/L	99
26) CHLOROPRENE	0.000		0	N.D.	d	
27) VINYL ACETATE	2.770	43	448888	18.813	UG/L	99
28) DI ISOPROPYL ETHER	2.793	45	99674	1.967	UG/L	100
29) 2-BUTANONE	3.321	72	19110	18.507	UG/L	82
30) T-BUTYL ETHYL ETHER	3.165	59	57515	1.778	UG/L	96
31) CIS-1,2-DICHLOROETHENE	3.296	96	36053	2.017	UG/L	99
32) 2,2-DICHLOROPROPANE	3.293	77	24575	1.852	UG/L	# 81
33) PROPIONITRILE	3.307	54	35	No Calib	#	
34) ETHYL ACETATE	3.399	43	15662	No Calib	#	
35) METHYLACRYLONITRILE	4.273	41	10323	No Calib	#	
36) BROMOCHLOROMETHANE	3.533	128	13641	2.098	UG/L	91
37) TETRAHYDROFURAN	3.588	72	1145	1.226	UG/L	# 1
38) CHLOROFORM	3.622	83	57480	2.013	UG/L	96
39) 1,1,1-TRICHLOROETHANE	3.794	97	39653	1.814	UG/L	# 69
40) CYCLOHEXANE	3.841	56	80965	1.739	UG/L	87
41) CARBON TETRACHLORIDE	3.953	117	25499	1.837	UG/L	97
42) 1,1-DICHLOROPROPENE	3.953	75	47833	1.979	UG/L	98
43) ISOBUTANOL	0.000		0	N.D.	d	
44) BENZENE	4.147	78	135416	1.999	UG/L	100
45) T-AMYL METHYL ETHER	4.278	73	45829	1.787	UG/L	# 80
47) METHYLCYCLOHEXANE	4.921	83	50519	1.877	UG/L	98
49) 1,2-DICHLOROETHANE	4.164	62	37366	1.883	UG/L	99
50) TRICHLOROETHENE	4.746	95	34487	1.902	UG/L	93
51) 1,2-DICHLOROPROPANE	4.952	63	31939	1.836	UG/L	98
52) DIBROMOMETHANE	5.049	93	15040	1.803	UG/L	95
53) METHYL METHACRYLATE	4.915	41	27328	No Calib	#	

Data File : V:\DATA\111212\VA317006.D
 Acq On : 12 Nov 2012 7:30 am
 Sample : 8260 STD 2.0PPB
 InstName : GCMSVOA1
 Misc :
 Quant Time: Feb 04 17:19:08 2013

Vial: 6
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

432

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 13:10:19 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) 1,4-DIOXANE	5.082	88	1007	20.906	UG/L #	60
55) BROMODICHLOROMETHANE	5.202	83	32051	1.662	UG/L	99
56) 2-CHLOROETHYLVINYLETHER	5.494	63	21917	No Calib	#	
57) MIBK	5.750	43	167847	17.379	UG/L	97
58) CIS-1,3-DICHLOROPROPENE	5.600	75	30058	2.690	UG/L	94
59) TOLUENE	5.884	92	86422	1.842	UG/L	97
60) TRANS-1,3,-DICHLOROPRO...	6.087	75	16098	2.969	UG/L #	90
61) ETHYL METHACRYLATE	6.401	69	30	No Calib	#	
62) 1,1,2-TRICHLOROETHANE	6.240	83	17400	1.748	UG/L	99
63) 2-HEXANONE	6.471	43	111948	17.212	UG/L	94
64) TETRACHLOROETHENE	6.351	164	28349	1.772	UG/L	98
65) 1,3-DICHLOROPROPANE	6.376	76	36125	1.802	UG/L	98
66) DIBROMOCHLOROMETHANE	6.568	129	16431	2.810	UG/L	96
67) 1,2-DIBROMOETHANE	6.654	107	17881	1.684	UG/L #	94
70) CHLOROBENZENE	7.077	112	88585	1.845	UG/L #	84
71) 1,1,1,2-TETRACHLOROETHANE	7.152	131	16389	2.945	UG/L	95
72) ETHYLBENZENE	7.180	91	161207	1.925	UG/L	96
73) M/P-XYLENES	7.283	106	123519	3.655	UG/L	95
74) O-XYLENE	7.611	106	59374	1.785	UG/L	97
75) STYRENE	7.628	104	93703	1.739	UG/L	96
76) BROMOFORM	7.764	173	7863	3.184	UG/L #	89
77) ISOPROPYLBENZENE	7.926	105	160665	1.851	UG/L	98
78) 1,1,2,2-TETRACHLOROETHANE	8.182	83	24816	1.773	UG/L	97
79) 1,4-DICHLORO-2-BUTENE(...	8.232	53	4426	2.584	UG/L #	1
80) BROMOBENZENE	8.165	156	38030	1.764	UG/L	94
81) 1,2,3-TRICHLOROPROPANE	8.207	75	20344	1.810	UG/L	96
82) N-PROPYLBENZENE	8.271	91	201141	1.939	UG/L	96
83) 2-CHLOROTOLUENE	8.332	91	117227	1.886	UG/L	97
84) 1,3,5-TRIMETHYLBENZENE	8.424	105	137290	1.792	UG/L	96
85) 4-CHLOROTOLUENE	8.426	91	131453	1.793	UG/L	99
87) TERT-BUTYLBENZENE	8.693	119	120390	2.046	UG/L	96
88) 1,2,4-TRIMETHYLBENZENE	8.735	105	135720	2.021	UG/L	98
89) SEC-BUTYLBENZENE	8.877	105	187198	2.062	UG/L	98
90) 1,3-DICHLOROBENZENE	8.955	146	76573	1.913	UG/L	99
91) P-ISOPROPYLTOLUENE	9.002	119	149037	2.036	UG/L	97
92) 1,4-DICHLOROBENZENE	9.030	146	75617	1.914	UG/L #	92
93) N-BUTYLBENZENE	9.345	91	144640	2.009	UG/L	97
94) 1,2-DICHLOROBENZENE	9.339	146	70042	1.889	UG/L	99
95) 1,2-DIBROMO-3-CHLOROPR...	9.987	75	2188	2.480	UG/L #	58
96) 1,3,5-TRICHLOROBENZENE	10.168	180	54718	1.906	UG/L	97
97) 1,2,4-TRICHLOROBENZENE	10.680	180	32025	1.592	UG/L	97
98) HEXACHLOROBUTADIENE	10.830	225	30061	1.841	UG/L	98
99) NAPHTHALENE	10.877	128	30463	1.960	UG/L	100
100) 1,2,3-TRICHLOROBENZENE	11.083	180	25883	1.557	UG/L	96

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

433

Page: 3

Data File : V:\DATA\111212\VA317008.D
 Acq On : 12 Nov 2012 8:24 am
 Sample : 8260 STD 5.0PPB
 InstName : GCMSVOA1
 Misc :
 Quant Time: Feb 04 17:20:05 2013

Vial: 8
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

434

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 13:10:19 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.840	168	1129220	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.522	114	1567351	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.053	117	1481317	30.00	UG/L	0.00
86) 1,4-DICHLOROBENZENE-D4...	9.012	152	900319	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.093	65	404754	26.02	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	104.08%	
48) TOLUENE SS	5.829	98	1579255	25.02	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	100.08%	
69) 4-BROMOFLUROBENZENE SS	8.047	95	605494	25.33	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	101.32%	
Target Compounds						Qvalue
3) DICHLORODIFLOUROMETHANE	0.980	85	95607	5.459	UG/L	99
4) DIFLUOROCHLOROMETHANE	0.986	51	84124	No Calib		
5) CHLOROMETHANE	1.075	50	121185	5.590	UG/L	100
6) VINYL CHLORIDE	1.133	62	130620	5.392	UG/L	98
7) BROMOMETHANE	1.311	94	62204	4.609	UG/L	99
8) CHLOROETHANE	1.364	64	63377	5.272	UG/L	98
9) FLUORODICHLOROMETHANE	1.467	67	182611	5.445	UG/L	99
10) TRICHLOROFLUOROMETHANE	1.506	101	191676	5.337	UG/L	100
11) DI ETHYL ETHER	1.670	74	40134	5.186	UG/L	94
12) ACETONE	1.843	58	56980	58.732	UG/L	99
13) 1,1,2TRICL-1,2,2TRIFLE...	1.812	101	97630	5.469	UG/L	87
14) 1,1-DICHLOROETHENE	1.815	96	104532	5.261	UG/L	86
15) IODOMETHANE	1.915	142	1693389	49.640	UG/L	94
16) METHYL ACETATE	2.065	43	47087	4.975	UG/L	97
17) T-BUTYL ALCOHOL	2.224	59	16824	45.836	UG/L	# 86
18) ACRYLONITRILE	2.329	53	19631	5.478	UG/L	96
19) ACETONITRILE	2.221	41	2853	No Calib	#	
20) ALLYL CHLORIDE	0.000		0	N.D.	d	
21) METHYLENE CHLORIDE	2.137	49	165779	4.528	UG/L	98
22) CARBON DISULFIDE	1.962	76	3124389	53.745	UG/L	98
23) METHYL TERT-BUTYL ETHE...	2.357	73	139213	5.122	UG/L	# 57
24) TRANS 1,2-DICHLOROETHENE	2.352	96	89062	5.107	UG/L	94
25) 1,1-DICHLOROETHANE	2.713	63	155606	5.225	UG/L	99
26) CHLOROPRENE	0.000		0	N.D.	d	
27) VINYL ACETATE	2.769	43	1299032	54.968	UG/L	99
28) DI ISOPROPYL ETHER	2.794	45	263111	5.242	UG/L	99
29) 2-BUTANONE	3.317	72	54122	52.919	UG/L	89
30) T-BUTYL ETHYL ETHER	3.161	59	157686	4.922	UG/L	98
31) CIS-1,2-DICHLOROETHENE	3.300	96	94977	5.364	UG/L	99
32) 2,2-DICHLOROPROPANE	3.295	77	63286	4.816	UG/L	96
33) PROPIONITRILE	3.325	54	368	No Calib	#	
34) ETHYL ACETATE	3.403	43	44214	No Calib		
35) METHYLACRYLONITRILE	4.277	41	25010	No Calib	#	
36) BROMOCHLOROMETHANE	3.534	128	35482	5.510	UG/L	93
37) TETRAHYDROFURAN	3.590	72	5553	6.001	UG/L	91
38) CHLOROFORM	3.623	83	144184	5.099	UG/L	100
39) 1,1,1-TRICHLOROETHANE	3.793	97	102117	4.716	UG/L	93
40) CYCLOHEXANE	3.843	56	165798	4.919	UG/L	97
41) CARBON TETRACHLORIDE	3.949	117	68620	4.991	UG/L	97
42) 1,1-DICHLOROPROPENE	3.954	75	121435	5.072	UG/L	98
43) ISOBUTANOL	0.000		0	N.D.	d	
44) BENZENE	4.149	78	353049	5.262	UG/L	100
45) T-AMYLMETHYL ETHER	4.274	73	125003	4.922	UG/L	# 79
47) METHYLCYCLOHEXANE	4.920	83	132602	5.041	UG/L	98
49) 1,2-DICHLOROETHANE	4.168	62	100525	5.183	UG/L	97
50) TRICHLOROETHENE	4.750	95	89631	5.057	UG/L	94
51) 1,2-DICHLOROPROPANE	4.947	63	83963	4.938	UG/L	99
52) DIBROMOMETHANE	5.048	93	41960	5.148	UG/L	95
53) METHYL METHACRYLATE	4.917	41	67134	No Calib	#	

Data File : V:\DATA\111212\VA317008.D
 Acq On : 12 Nov 2012 8:24 am
 Sample : 8260 STD 5.0PPB
 InstName : GCMSVOA1
 Misc :
 Quant Time: Feb 04 17:20:05 2013

Vial: 8
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

435

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 13:10:19 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) 1,4-DIOXANE	5.081	88	4111	52.134	UG/L	97
55) BROMODICHLOROMETHANE	5.201	83	87979	4.668	UG/L	96
56) 2-CHLOROETHYLVINYLETHER	5.490	63	69264	No Calib	#	
57) MIBK	5.749	43	487230	51.621	UG/L	98
58) CIS-1,3-DICHLOROPROPENE	5.601	75	84940	4.884	UG/L	94
59) TOLUENE	5.885	92	213732	4.662	UG/L	97
60) TRANS-1,3,-DICHLOROPRO...	6.085	75	47861	4.691	UG/L	95
61) ETHYL METHACRYLATE	6.408	69	361	No Calib	#	
62) 1,1,2-TRICHLOROETHANE	6.238	83	49824	5.122	UG/L	93
63) 2-HEXANONE	6.472	43	321419	50.566	UG/L	97
64) TETRACHLOROETHENE	6.350	164	74680	4.777	UG/L	99
65) 1,3-DICHLOROPROPANE	6.377	76	99796	5.093	UG/L	97
66) DIBROMOCHLOROMETHANE	6.567	129	48495	4.846	UG/L	98
67) 1,2-DIBROMOETHANE	6.653	107	52002	5.010	UG/L	98
70) CHLOROBENZENE	7.079	112	240927	4.997	UG/L	95
71) 1,1,1,2-TETRACHLOROETHANE	7.151	131	48982	4.869	UG/L	98
72) ETHYLBENZENE	7.181	91	424529	5.048	UG/L	97
73) M/P-XYLENES	7.282	106	331032	9.756	UG/L	97
74) O-XYLENE	7.613	106	161040	4.820	UG/L	98
75) STYRENE	7.624	104	258610	4.781	UG/L	95
76) BROMOFORM	7.768	173	25207	4.944	UG/L	# 99
77) ISOPROPYLBENZENE	7.927	105	442315	5.075	UG/L	100
78) 1,1,2,2-TETRACHLOROETHANE	8.180	83	70706	5.030	UG/L	96
79) 1,4-DICHLORO-2-BUTENE(...	8.230	53	14011	5.041	UG/L	# 1
80) BROMOBENZENE	8.164	156	103058	4.761	UG/L	94
81) 1,2,3-TRICHLOROPROPANE	8.208	75	58399	5.176	UG/L	99
82) N-PROPYLBENZENE	8.272	91	546512	5.247	UG/L	96
83) 2-CHLOROTOLUENE	8.333	91	314842	5.043	UG/L	97
84) 1,3,5-TRIMETHYLBENZENE	8.425	105	382295	4.969	UG/L	99
85) 4-CHLOROTOLUENE	8.425	91	367743	4.994	UG/L	98
87) TERT-BUTYLBENZENE	8.695	119	323213	5.256	UG/L	95
88) 1,2,4-TRIMETHYLBENZENE	8.734	105	373948	5.328	UG/L	98
89) SEC-BUTYLBENZENE	8.876	105	519579	5.477	UG/L	99
90) 1,3-DICHLOROBENZENE	8.956	146	212211	5.074	UG/L	99
91) P-ISOPROPYLTOLUENE	9.004	119	414661	5.419	UG/L	97
92) 1,4-DICHLOROBENZENE	9.032	146	210894	5.107	UG/L	98
93) N-BUTYLBENZENE	9.346	91	401847	5.341	UG/L	97
94) 1,2-DICHLOROBENZENE	9.338	146	191649	4.945	UG/L	100
95) 1,2-DIBROMO-3-CHLOROPR...	9.989	75	5319	4.423	UG/L	93
96) 1,3,5-TRICHLOROBENZENE	10.169	180	150388	5.013	UG/L	98
97) 1,2,4-TRICHLOROBENZENE	10.681	180	105338	5.011	UG/L	96
98) HEXACHLOROBUTADIENE	10.834	225	81752	4.791	UG/L	98
99) NAPHTHALENE	10.879	128	112578	4.707	UG/L	100
100) 1,2,3-TRICHLOROBENZENE	11.085	180	87795	5.054	UG/L	97

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

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Page: 3

Data File : V:\DATA\111212\VA317010.D
 Acq On : 12 Nov 2012 9:18 am
 Sample : 8260 STD 10PPB
 InstName : GCMSVOA1
 Misc :
 Quant Time: Feb 04 17:21:16 2013

Vial: 10
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

437

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 12:26:59 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.840	168	1136137	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.522	114	1581518	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.054	117	1499333	30.00	UG/L	0.00
86) 1,4-DICHLOROBENZENE-D4...	9.012	152	954864	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.094	65	403274	24.58	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	98.32%	
48) TOLUENE SS	5.830	98	1618667	25.53	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	102.12%	
69) 4-BROMOFLUROBENZENE SS	8.047	95	610394	25.47	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	101.88%	
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	0.980	85	178886	9.295	UG/L	99
4) DIFLUOROCHLOROMETHANE	0.986	51	168240	No Calib		
5) CHLOROMETHANE	1.078	50	228489	9.434	UG/L	100
6) VINYL CHLORIDE	1.133	62	251722	9.748	UG/L	99
7) BROMOMETHANE	1.311	94	125690	10.052	UG/L	98
8) CHLOROETHANE	1.364	64	120921	8.857	UG/L	99
9) FLUORODICHLOROMETHANE	1.467	67	349479	9.775	UG/L	100
10) TRICHLOROFLUOROMETHANE	1.506	101	374262	9.793	UG/L	98
11) DI ETHYL ETHER	1.670	74	76963	9.134	UG/L	94
12) ACETONE	1.843	58	94234	82.187	UG/L	98
13) 1,1,2TRICL-1,2,2TRIFLE...	1.812	101	181585	9.540	UG/L	82
14) 1,1-DICHLOROETHENE	1.815	96	204388	9.827	UG/L	85
15) IODOMETHANE	1.915	142	3471516	100.047	UG/L	95
16) METHYL ACETATE	2.065	43	90578	11.673	UG/L	98
17) T-BUTYL ALCOHOL	2.227	59	35031	89.282	UG/L #	77
18) ACRYLONITRILE	2.330	53	38686	12.256	UG/L #	89
19) ACETONITRILE	2.224	41	12687	No Calib	#	
20) ALLYL CHLORIDE	0.000		0	N.D.	d	
21) METHYLENE CHLORIDE	2.138	49	284379	9.815	UG/L	99
22) CARBON DISULFIDE	1.962	76	5907595	98.503	UG/L	97
23) METHYL TERT-BUTYL ETHE...	2.355	73	275373	10.214	UG/L #	77
24) TRANS 1,2-DICHLOROETHENE	2.352	96	178915	10.272	UG/L	96
25) 1,1-DICHLOROETHANE	2.714	63	302223	9.931	UG/L	99
26) CHLOROPRENE	0.000		0	N.D.	d	
27) VINYL ACETATE	2.769	43	2672357	102.233	UG/L	99
28) DI ISOPROPYL ETHER	2.792	45	522543	10.510	UG/L	100
29) 2-BUTANONE	3.320	72	103715	118.682	UG/L	94
30) T-BUTYL ETHYL ETHER	3.164	59	311181	9.710	UG/L	98
31) CIS-1,2-DICHLOROETHENE	3.295	96	186572	11.403	UG/L	98
32) 2,2-DICHLOROPROPANE	3.295	77	128913	10.046	UG/L	96
33) PROPIONITRILE	3.315	54	997	No Calib	#	
34) ETHYL ACETATE	3.395	43	89956	No Calib		
35) METHYLACRYLONITRILE	4.272	41	57173	No Calib	#	
36) BROMOCHLOROMETHANE	3.532	128	70101	12.125	UG/L	92
37) TETRAHYDROFURAN	3.584	72	8342	8.329	UG/L #	49
38) CHLOROFORM	3.621	83	289031	10.177	UG/L	99
39) 1,1,1-TRICHLOROETHANE	3.788	97	209307	10.067	UG/L #	92
40) CYCLOHEXANE	3.840	56	309515	9.961	UG/L	100
41) CARBON TETRACHLORIDE	3.949	117	145959	10.532	UG/L	99
42) 1,1-DICHLOROPROPENE	3.952	75	240262	9.956	UG/L	97
43) ISOBUTANOL	0.000		0	N.D.	d	
44) BENZENE	4.146	78	689159	10.118	UG/L	100
45) T-AMYL METHYL ETHER	4.274	73	256212	10.144	UG/L #	83
47) METHYLCYCLOHEXANE	4.917	83	257700	10.174	UG/L	97
49) 1,2-DICHLOROETHANE	4.166	62	196359	10.204	UG/L	98
50) TRICHLOROETHENE	4.747	95	174356	10.005	UG/L	95
51) 1,2-DICHLOROPROPANE	4.945	63	166531	13.411	UG/L	98
52) DIBROMOMETHANE	5.051	93	83012	11.895	UG/L	95
53) METHYL METHACRYLATE	4.917	41	146684	No Calib	#	

Data File : V:\DATA\111212\VA317010.D
 Acq On : 12 Nov 2012 9:18 am
 Sample : 8260 STD 10PPB
 InstName : GCMSVOA1
 Misc :
 Quant Time: Feb 04 17:21:16 2013

Vial: 10
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

438

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 12:26:59 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) 1,4-DIOXANE	5.087	88	9741	113.043	UG/L #	90
55) BROMODICHLOROMETHANE	5.201	83	183349	10.281	UG/L	97
56) 2-CHLOROETHYLVINYLETHER	5.487	63	134710	No Calib	#	
57) MIBK	5.749	43	969240	103.573	UG/L	98
58) CIS-1,3-DICHLOROPROPENE	5.601	75	178298	10.228	UG/L	95
59) TOLUENE	5.885	92	419115	8.638	UG/L	97
60) TRANS-1,3,-DICHLOROPRO...	6.088	75	110477	11.338	UG/L	95
61) ETHYL METHACRYLATE	6.403	69	495	No Calib	#	
62) 1,1,2-TRICHLOROETHANE	6.239	83	95367	9.760	UG/L	98
63) 2-HEXANONE	6.472	43	639544	106.344	UG/L	96
64) TETRACHLOROETHENE	6.350	164	149093	10.723	UG/L	98
65) 1,3-DICHLOROPROPANE	6.378	76	195403	9.865	UG/L	99
66) DIBROMOCHLOROMETHANE	6.567	129	108445	11.013	UG/L	96
67) 1,2-DIBROMOETHANE	6.653	107	104226	9.850	UG/L	96
70) CHLOROBENZENE	7.076	112	470099	9.739	UG/L	98
71) 1,1,1,2-TETRACHLOROETHANE	7.151	131	108285	10.826	UG/L	99
72) ETHYLBENZENE	7.182	91	832077	9.939	UG/L	98
73) M/P-XYLENES	7.282	106	666808	20.718	UG/L	99
74) O-XYLENE	7.610	106	320062	10.209	UG/L	97
75) STYRENE	7.624	104	516853	10.125	UG/L	96
76) BROMOFORM	7.769	173	54197	10.543	UG/L #	94
77) ISOPROPYLBENZENE	7.927	105	874313	10.366	UG/L	99
78) 1,1,2,2-TETRACHLOROETHANE	8.181	83	138860	11.584	UG/L	97
79) 1,4-DICHLORO-2-BUTENE(...	8.231	53	28471	13.148	UG/L #	1
80) BROMOBENZENE	8.164	156	202849	11.796	UG/L	96
81) 1,2,3-TRICHLOROPROPANE	8.208	75	115473	10.686	UG/L	96
82) N-PROPYLBENZENE	8.272	91	1074067	10.329	UG/L	97
83) 2-CHLOROTOLUENE	8.334	91	617523	10.142	UG/L	98
84) 1,3,5-TRIMETHYLBENZENE	8.425	105	766998	10.707	UG/L	99
85) 4-CHLOROTOLUENE	8.425	91	723994	10.390	UG/L	99
87) TERT-BUTYLBENZENE	8.692	119	648926	9.781	UG/L	96
88) 1,2,4-TRIMETHYLBENZENE	8.734	105	746872	9.899	UG/L	100
89) SEC-BUTYLBENZENE	8.876	105	1050960	9.842	UG/L	97
90) 1,3-DICHLOROBENZENE	8.957	146	423148	9.223	UG/L	100
91) P-ISOPROPYLTOLUENE	9.004	119	826843	10.103	UG/L	98
92) 1,4-DICHLOROBENZENE	9.032	146	413385	8.980	UG/L	99
93) N-BUTYLBENZENE	9.343	91	830367	10.330	UG/L	97
94) 1,2-DICHLOROBENZENE	9.338	146	391752	9.725	UG/L	99
95) 1,2-DIBROMO-3-CHLOROPR...	9.989	75	12215	10.415	UG/L	97
96) 1,3,5-TRICHLOROBENZENE	10.170	180	308164	10.473	UG/L	99
97) 1,2,4-TRICHLOROBENZENE	10.679	180	219947	12.030	UG/L	98
98) HEXACHLOROBUTADIENE	10.832	225	165990	9.688	UG/L	99
99) NAPHTHALENE	10.879	128	246525	10.324	UG/L	100
100) 1,2,3-TRICHLOROBENZENE	11.079	180	186631	12.760	UG/L	96

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

439

Page: 3

Data File : V:\DATA\111212\VA317011.D
 Acq On : 12 Nov 2012 9:45 am
 Sample : 8260 STD 20PPB
 InstName : GCMSVOA1
 Misc :
 Quant Time: Feb 04 17:22:12 2013

Vial: 11
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

440

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 12:27:01 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.843	168	1191731	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.522	114	1613845	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.054	117	1529771	30.00	UG/L	0.00
86) 1,4-DICHLOROBENZENE-D4...	9.012	152	1003753	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.096	65	407521	23.76	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	95.04%	
48) TOLUENE SS	5.829	98	1636426	25.19	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	100.76%	
69) 4-BROMOFLUROBENZENE SS	8.047	95	624213	25.43	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	101.72%	
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	0.980	85	376201	18.971	UG/L	99
4) DIFLUOROCHLOROMETHANE	0.986	51	348801	No Calib		
5) CHLOROMETHANE	1.077	50	452971	18.830	UG/L	98
6) VINYL CHLORIDE	1.133	62	515699	19.160	UG/L	100
7) BROMOMETHANE	1.311	94	292821	22.206	UG/L	97
8) CHLOROETHANE	1.364	64	247374	17.678	UG/L	100
9) FLUORODICHLOROMETHANE	1.470	67	722845	19.361	UG/L	100
10) TRICHLOROFLUOROMETHANE	1.506	101	769409	19.294	UG/L	99
11) DI ETHYL ETHER	1.670	74	157121	18.170	UG/L	93
12) ACETONE	1.845	58	183235	167.251	UG/L	98
13) 1,1,2TRICL-1,2,2TRIFLE...	1.812	101	384388	19.477	UG/L	83
14) 1,1-DICHLOROETHENE	1.815	96	423098	19.477	UG/L	86
15) IODOMETHANE	1.915	142	7584435	205.968	UG/L	97
16) METHYL ACETATE	2.068	43	195480	23.239	UG/L	98
17) T-BUTYL ALCOHOL	2.224	59	80782	201.686	UG/L	# 78
18) ACRYLONITRILE	2.327	53	76456	21.859	UG/L	99
19) ACETONITRILE	2.227	41	27608	No Calib	#	
20) ALLYL CHLORIDE	0.000		0	N.D.	d	
21) METHYLENE CHLORIDE	2.140	49	534893	19.943	UG/L	100
22) CARBON DISULFIDE	1.959	76	10965513	174.965	UG/L	# 93
23) METHYL TERT-BUTYL ETHE...	2.357	73	589276	20.749	UG/L	93
24) TRANS 1,2-DICHLOROETHENE	2.352	96	384875	20.924	UG/L	97
25) 1,1-DICHLOROETHANE	2.713	63	642762	20.171	UG/L	99
26) CHLOROPRENE	0.000		0	N.D.	d	
27) VINYL ACETATE	2.769	43	5901328	212.852	UG/L	100
28) DI ISOPROPYL ETHER	2.794	45	1116447	21.191	UG/L	99
29) 2-BUTANONE	3.323	72	209236	220.039	UG/L	91
30) T-BUTYL ETHYL ETHER	3.164	59	698649	21.208	UG/L	99
31) CIS-1,2-DICHLOROETHENE	3.295	96	399595	22.648	UG/L	96
32) 2,2-DICHLOROPROPANE	3.295	77	326373	24.066	UG/L	98
33) PROPIONITRILE	3.314	54	1753	No Calib	#	
34) ETHYL ACETATE	3.401	43	200799	No Calib		
35) METHYLACRYLONITRILE	4.277	41	102257	No Calib	#	
36) BROMOCHLOROMETHANE	3.531	128	149626	23.667	UG/L	97
37) TETRAHYDROFURAN	3.590	72	18898	19.049	UG/L	# 71
38) CHLOROFORM	3.623	83	617119	20.642	UG/L	98
39) 1,1,1-TRICHLOROETHANE	3.790	97	486489	22.056	UG/L	95
40) CYCLOHEXANE	3.843	56	625203	19.999	UG/L	97
41) CARBON TETRACHLORIDE	3.951	117	367743	24.079	UG/L	100
42) 1,1-DICHLOROPROPENE	3.954	75	514130	20.333	UG/L	98
43) ISOBUTANOL	0.000		0	N.D.	d	
44) BENZENE	4.146	78	1454193	20.306	UG/L	100
45) T-AMYL METHYL ETHER	4.277	73	575660	21.388	UG/L	# 88
47) METHYLCYCLOHEXANE	4.920	83	564363	21.741	UG/L	98
49) 1,2-DICHLOROETHANE	4.166	62	411009	20.846	UG/L	98
50) TRICHLOROETHENE	4.750	95	378329	21.272	UG/L	94
51) 1,2-DICHLOROPROPANE	4.950	63	353277	26.099	UG/L	98
52) DIBROMOMETHANE	5.050	93	174488	23.608	UG/L	95
53) METHYL METHACRYLATE	4.917	41	284241	No Calib	#	

Data File : V:\DATA\111212\VA317011.D
 Acq On : 12 Nov 2012 9:45 am
 Sample : 8260 STD 20PPB
 InstName : GCMSVOA1
 Misc :
 Quant Time: Feb 04 17:22:12 2013

Vial: 11
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

441

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 12:27:01 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) 1,4-DIOXANE	5.081	88	17265	173.104	UG/L	# 91
55) BROMODICHLOROMETHANE	5.203	83	414725	22.166	UG/L	97
56) 2-CHLOROETHYLVINYLETHER	5.487	63	272082	No Calib	#	
57) MIBK	5.752	43	2053226	213.487	UG/L	99
58) CIS-1,3-DICHLOROPROPENE	5.601	75	428952	23.373	UG/L	96
59) TOLUENE	5.888	92	906300	18.817	UG/L	97
60) TRANS-1,3,-DICHLOROPRO...	6.088	75	278969	24.905	UG/L	96
61) ETHYL METHACRYLATE	6.400	69	1393	No Calib	#	
62) 1,1,2-TRICHLOROETHANE	6.238	83	204000	20.558	UG/L	95
63) 2-HEXANONE	6.472	43	1356358	218.249	UG/L	97
64) TETRACHLOROETHENE	6.350	164	320419	22.183	UG/L	98
65) 1,3-DICHLOROPROPANE	6.377	76	407636	20.223	UG/L	98
66) DIBROMOCHLOROMETHANE	6.569	129	253120	23.005	UG/L	97
67) 1,2-DIBROMOETHANE	6.653	107	232120	21.660	UG/L	99
70) CHLOROBENZENE	7.079	112	1000227	20.415	UG/L	99
71) 1,1,1,2-TETRACHLOROETHANE	7.151	131	263218	23.873	UG/L	99
72) ETHYLBENZENE	7.182	91	1796722	21.060	UG/L	98
73) M/P-XYLENES	7.282	106	1468627	44.325	UG/L	99
74) O-XYLENE	7.613	106	699088	21.764	UG/L	99
75) STYRENE	7.627	104	1146261	21.953	UG/L	97
76) BROMOFORM	7.769	173	141858	25.627	UG/L	# 97
77) ISOPROPYLBENZENE	7.927	105	1910390	21.998	UG/L	99
78) 1,1,2,2-TETRACHLOROETHANE	8.180	83	294914	23.373	UG/L	97
79) 1,4-DICHLORO-2-BUTENE(...	8.230	53	63388	26.991	UG/L	# 1
80) BROMOBENZENE	8.166	156	442215	24.330	UG/L	97
81) 1,2,3-TRICHLOROPROPANE	8.208	75	250604	22.346	UG/L	98
82) N-PROPYLBENZENE	8.272	91	2311726	21.612	UG/L	98
83) 2-CHLOROTOLUENE	8.333	91	1322183	21.222	UG/L	99
84) 1,3,5-TRIMETHYLBENZENE	8.425	105	1725840	23.202	UG/L	98
85) 4-CHLOROTOLUENE	8.425	91	1590028	22.191	UG/L	100
87) TERT-BUTYLBENZENE	8.695	119	1430336	20.622	UG/L	97
88) 1,2,4-TRIMETHYLBENZENE	8.734	105	1646394	20.801	UG/L	99
89) SEC-BUTYLBENZENE	8.876	105	2273897	20.337	UG/L	98
90) 1,3-DICHLOROBENZENE	8.957	146	926833	19.521	UG/L	99
91) P-ISOPROPYLTOLUENE	9.004	119	1798533	20.863	UG/L	98
92) 1,4-DICHLOROBENZENE	9.032	146	900694	19.000	UG/L	99
93) N-BUTYLBENZENE	9.346	91	1834802	21.537	UG/L	97
94) 1,2-DICHLOROBENZENE	9.338	146	863810	20.512	UG/L	98
95) 1,2-DIBROMO-3-CHLOROPR...	9.989	75	30213	23.119	UG/L	93
96) 1,3,5-TRICHLOROBENZENE	10.167	180	674408	21.599	UG/L	98
97) 1,2,4-TRICHLOROBENZENE	10.679	180	504091	25.205	UG/L	98
98) HEXACHLOROBUTADIENE	10.832	225	369016	20.650	UG/L	100
99) NAPHTHALENE	10.879	128	606772	23.787	UG/L	100
100) 1,2,3-TRICHLOROBENZENE	11.082	180	420358	25.911	UG/L	98

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

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Page: 3

Data File : V:\DATA\111212\VA317012.D
 Acq On : 12 Nov 2012 10:16 am
 Sample : 8260 STD 50PPB
 InstName : GCMSVOA1
 Misc :
 Quant Time: Feb 04 17:24:20 2013

Vial: 12
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

443

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 12:27:03 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.841	168	1322930	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.523	114	1744548	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.054	117	1681112	30.00	UG/L	0.00
86) 1,4-DICHLOROBENZENE-D4...	9.013	152	1212514	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.094	65	436193	23.10	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	92.40%	
48) TOLUENE SS	5.830	98	1775427	25.25	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	101.00%	
69) 4-BROMOFLUROBENZENE SS	8.048	95	694262	25.67	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	102.68%	
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	0.981	85	911098	41.818	UG/L	100
4) DIFLUOROCHLOROMETHANE	0.987	51	884717	No Calib		
5) CHLOROMETHANE	1.076	50	1128492	44.703	UG/L	99
6) VINYL CHLORIDE	1.131	62	1291005	43.574	UG/L	100
7) BROMOMETHANE	1.307	94	853928	53.162	UG/L	98
8) CHLOROETHANE	1.362	64	619748	40.683	UG/L	99
9) FLUORODICHLOROMETHANE	1.468	67	1827814	44.339	UG/L	99
10) TRICHLOROFLUOROMETHANE	1.504	101	1981572	45.080	UG/L	99
11) DI ETHYL ETHER	1.668	74	414911	44.029	UG/L	90
12) ACETONE	1.844	58	630642	548.480	UG/L	96
13) 1,1,2TRICL-1,2,2TRIFLE...	1.810	101	994176	45.617	UG/L	# 79
14) 1,1-DICHLOROETHENE	1.813	96	1090456	45.459	UG/L	85
15) IODOMETHANE	0.000		0	N.D.		
16) METHYL ACETATE	2.066	43	536637	55.959	UG/L	99
17) T-BUTYL ALCOHOL	2.227	59	296564	665.870	UG/L	# 82
18) ACRYLONITRILE	2.325	53	209941	53.084	UG/L	97
19) ACETONITRILE	2.227	41	96495	No Calib	#	
20) ALLYL CHLORIDE	0.000		0	N.D.		
21) METHYLENE CHLORIDE	2.138	49	1506966	54.762	UG/L	99
22) CARBON DISULFIDE	0.000		0	N.D.	d	
23) METHYL TERT-BUTYL ETHE...	2.355	73	1661101	52.361	UG/L	94
24) TRANS 1,2-DICHLOROETHENE	2.350	96	1061397	51.505	UG/L	97
25) 1,1-DICHLOROETHANE	2.712	63	1716530	48.442	UG/L	99
26) CHLOROPRENE	0.000		0	N.D.	d	
27) VINYL ACETATE	2.770	43	15502981	493.151	UG/L	96
28) DI ISOPROPYL ETHER	2.792	45	3046054	51.571	UG/L	99
29) 2-BUTANONE	3.321	72	651209	606.782	UG/L	95
30) T-BUTYL ETHYL ETHER	3.165	59	1981845	51.361	UG/L	99
31) CIS-1,2-DICHLOROETHENE	3.296	96	1106773	55.287	UG/L	97
32) 2,2-DICHLOROPROPANE	3.293	77	1128184	63.413	UG/L	99
33) PROPIONITRILE	3.318	54	3662	No Calib	#	
34) ETHYL ACETATE	3.396	43	566880	No Calib		
35) METHYLACRYLONITRILE	4.275	41	271057	No Calib	#	
36) BROMOCHLOROMETHANE	3.532	128	362847	50.168	UG/L	96
37) TETRAHYDROFURAN	3.585	72	53870	49.503	UG/L	# 79
38) CHLOROFORM	3.621	83	1657834	49.687	UG/L	99
39) 1,1,1-TRICHLOROETHANE	3.791	97	1429064	53.378	UG/L	95
40) CYCLOHEXANE	3.841	56	1657265	48.889	UG/L	97
41) CARBON TETRACHLORIDE	3.950	117	1206158	60.123	UG/L	100
42) 1,1-DICHLOROPROPENE	3.952	75	1409141	50.035	UG/L	99
43) ISOBUTANOL	0.000		0	N.D.	d	
44) BENZENE	4.147	78	3913193	49.098	UG/L	100
45) T-AMYL METHYL ETHER	4.275	73	1646305	51.834	UG/L	# 93
47) METHYLCYCLOHEXANE	4.918	83	1577235	55.246	UG/L	98
49) 1,2-DICHLOROETHANE	4.167	62	1096337	51.079	UG/L	100
50) TRICHLOROETHENE	4.748	95	1032153	53.013	UG/L	96
51) 1,2-DICHLOROPROPANE	4.948	63	968880	63.012	UG/L	99
52) DIBROMOMETHANE	5.049	93	466283	56.657	UG/L	97
53) METHYL METHACRYLATE	4.918	41	817886	No Calib	#	

Data File : V:\DATA\111212\VA317012.D
 Acq On : 12 Nov 2012 10:16 am
 Sample : 8260 STD 50PPB
 InstName : GCMSVOA1
 Misc :
 Quant Time: Feb 04 17:24:20 2013

Vial: 12
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

444

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 12:27:03 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) 1,4-DIOXANE	5.082	88	53192	552.422	UG/L #	91
55) BROMODICHLOROMETHANE	5.202	83	1216030	54.769	UG/L	98
56) 2-CHLOROETHYLVINYLETHER	5.488	63	739370	No Calib	#	
57) MIBK	5.750	43	5768121	548.649	UG/L	100
58) CIS-1,3-DICHLOROPROPENE	5.599	75	1315534	57.395	UG/L	97
59) TOLUENE	5.886	92	2507278	48.636	UG/L	97
60) TRANS-1,3,-DICHLOROPRO...	6.086	75	945438	63.760	UG/L	99
61) ETHYL METHACRYLATE	6.403	69	4002	No Calib	#	
62) 1,1,2-TRICHLOROETHANE	6.239	83	560233	51.987	UG/L	97
63) 2-HEXANONE	6.470	43	4171555	611.646	UG/L	99
64) TETRACHLOROETHENE	6.351	164	955842	59.909	UG/L	97
65) 1,3-DICHLOROPROPANE	6.378	76	1124348	51.504	UG/L	99
66) DIBROMOCHLOROMETHANE	6.568	129	804314	59.409	UG/L	99
67) 1,2-DIBROMOETHANE	6.654	107	655625	52.619	UG/L	98
70) CHLOROBENZENE	7.080	112	2850825	52.766	UG/L	99
71) 1,1,1,2-TETRACHLOROETHANE	7.152	131	861066	60.377	UG/L	99
72) ETHYLBENZENE	7.182	91	4995154	52.812	UG/L	99
73) M/P-XYLENES	7.283	106	4317441	116.066	UG/L	93
74) O-XYLENE	7.614	106	2107008	58.825	UG/L	96
75) STYRENE	7.625	104	3448666	59.139	UG/L	97
76) BROMOFORM	7.769	173	489128	64.112	UG/L #	98
77) ISOPROPYLBENZENE	7.928	105	5546773	56.982	UG/L	99
78) 1,1,2,2-TETRACHLOROETHANE	8.181	83	857397	60.143	UG/L	97
79) 1,4-DICHLORO-2-BUTENE(...	8.231	53	209247	76.614	UG/L #	1
80) BROMOBENZENE	8.165	156	1344941	64.990	UG/L	97
81) 1,2,3-TRICHLOROPROPANE	8.209	75	776978	61.601	UG/L	99
82) N-PROPYLBENZENE	8.273	91	6566660	54.977	UG/L	99
83) 2-CHLOROTOLUENE	8.334	91	3778750	54.636	UG/L	99
84) 1,3,5-TRIMETHYLBENZENE	8.426	105	5202141	61.667	UG/L	99
85) 4-CHLOROTOLUENE	8.426	91	4753581	59.289	UG/L	97
87) TERT-BUTYLBENZENE	8.693	119	4273792	50.693	UG/L	98
88) 1,2,4-TRIMETHYLBENZENE	8.735	105	4837952	50.265	UG/L	98
89) SEC-BUTYLBENZENE	8.880	105	6636542	48.971	UG/L	99
90) 1,3-DICHLOROBENZENE	8.957	146	2816438	49.304	UG/L	99
91) P-ISOPROPYLTOLUENE	9.005	119	5332310	50.839	UG/L	98
92) 1,4-DICHLOROBENZENE	9.033	146	2752682	48.475	UG/L	98
93) N-BUTYLBENZENE	9.344	91	5550888	53.121	UG/L	100
94) 1,2-DICHLOROBENZENE	9.341	146	2763038	54.084	UG/L	98
95) 1,2-DIBROMO-3-CHLOROPR...	9.987	75	106168	58.097	UG/L	95
96) 1,3,5-TRICHLOROBENZENE	10.168	180	2223654	58.179	UG/L	99
97) 1,2,4-TRICHLOROBENZENE	10.680	180	1707588	67.742	UG/L	98
98) HEXACHLOROBUTADIENE	10.833	225	1253984	57.715	UG/L	100
99) NAPHTHALENE	10.880	128	1968016	60.076	UG/L	100
100) 1,2,3-TRICHLOROBENZENE	11.083	180	1404209	68.289	UG/L	97

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

445

Page: 3

Data File : V:\DATA\111212\VA317013.D
 Acq On : 12 Nov 2012 10:43 am
 Sample : 8260 STD 80PPB
 InstName : GCMSVOA1
 Misc :
 Quant Time: Feb 04 17:25:15 2013

Vial: 13
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

446

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 12:27:04 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.841	168	1420354	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.522	114	1800582	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.057	117	1749951	30.00	UG/L	0.00
86) 1,4-DICHLOROETHANE-D4...	9.013	152	1331380	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.097	65	446557	22.27	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	89.08%		
48) TOLUENE SS	5.830	98	1806692	24.86	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.44%		
69) 4-BROMOFLUROBENZENE SS	8.047	95	710027	25.12	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.48%		
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	0.981	85	1480176	65.052	UG/L	100
4) DIFLUOROCHLOROMETHANE	0.986	51	1445872	No Calib		
5) CHLOROMETHANE	1.075	50	1819566	74.360	UG/L	99
6) VINYL CHLORIDE	1.134	62	2047969	65.792	UG/L	99
7) BROMOMETHANE	1.304	94	1489945	81.574	UG/L	100
8) CHLOROETHANE	1.362	64	994799	62.487	UG/L	100
9) FLUORODICHLOROMETHANE	1.468	67	2917040	66.991	UG/L	99
10) TRICHLOROFLUOROMETHANE	1.504	101	3185469	68.624	UG/L	99
11) DI ETHYL ETHER	1.671	74	654950	66.048	UG/L	91
12) ACETONE	1.843	58	883870	699.044	UG/L	95
13) 1,1,2TRICL-1,2,2TRIFLE...	1.813	101	1620862	70.298	UG/L	# 78
14) 1,1-DICHLOROETHENE	1.813	96	1775246	69.989	UG/L	84
15) IODOMETHANE	0.000		0	N.D.		
16) METHYL ACETATE	2.066	43	863208	82.435	UG/L	98
17) T-BUTYL ALCOHOL	2.227	59	547831	1145.666	UG/L	# 86
18) ACRYLONITRILE	2.325	53	329820	76.885	UG/L	96
19) ACETONITRILE	2.230	41	166655	No Calib	#	
20) ALLYL CHLORIDE	0.000		0	N.D.		
21) METHYLENE CHLORIDE	2.138	49	2317189	73.294	UG/L	98
22) CARBON DISULFIDE	0.000		0	N.D.	d	
23) METHYL TERT-BUTYL ETHE...	2.355	73	2772205	80.846	UG/L	98
24) TRANS 1,2-DICHLOROETHENE	2.350	96	1800397	80.967	UG/L	99
25) 1,1-DICHLOROETHANE	2.711	63	2856519	75.476	UG/L	99
26) CHLOROPRENE	0.000		0	N.D.	d	
27) VINYL ACETATE	0.000		0	N.D.		
28) DI ISOPROPYL ETHER	2.792	45	4959886	77.863	UG/L	100
29) 2-BUTANONE	3.321	72	1009866	850.481	UG/L	98
30) T-BUTYL ETHYL ETHER	3.168	59	3403400	80.061	UG/L	99
31) CIS-1,2-DICHLOROETHENE	3.298	96	1883242	86.318	UG/L	97
32) 2,2-DICHLOROPROPANE	3.296	77	2099344	88.099	UG/L	99
33) PROPIONITRILE	3.323	54	9537	No Calib	#	
34) ETHYL ACETATE	3.398	43	910436	No Calib		
35) METHYLACRYLONITRILE	4.275	41	425376	No Calib	#	
36) BROMOCHLOROMETHANE	3.532	128	585158	75.320	UG/L	98
37) TETRAHYDROFURAN	3.585	72	91816	78.743	UG/L	85
38) CHLOROFORM	3.624	83	2760602	77.132	UG/L	99
39) 1,1,1-TRICHLOROETHANE	3.791	97	2462553	80.564	UG/L	95
40) CYCLOHEXANE	3.844	56	2738055	77.218	UG/L	97
41) CARBON TETRACHLORIDE	3.949	117	2199527	85.982	UG/L	100
42) 1,1-DICHLOROPROPENE	3.952	75	2388082	78.969	UG/L	99
43) ISOBUTANOL	0.000		0	N.D.	d	
44) BENZENE	4.147	78	6487940	76.015	UG/L	100
45) T-AMYL METHYL ETHER	4.275	73	2791638	79.119	UG/L	96
47) METHYLCYCLOHEXANE	4.920	83	2659278	88.697	UG/L	97
49) 1,2-DICHLOROETHANE	4.166	62	1813796	81.624	UG/L	99
50) TRICHLOROETHENE	4.751	95	1752335	86.334	UG/L	96
51) 1,2-DICHLOROPROPANE	4.948	63	1605671	97.551	UG/L	98
52) DIBROMOMETHANE	5.051	93	767277	88.643	UG/L	97
53) METHYL METHACRYLATE	4.918	41	1326765	No Calib	#	

Data File : V:\DATA\111212\VA317013.D
 Acq On : 12 Nov 2012 10:43 am
 Sample : 8260 STD 80PPB
 InstName : GCMSVOA1
 Misc :
 Quant Time: Feb 04 17:25:15 2013

Vial: 13
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

447

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 12:27:04 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) 1,4-DIOXANE	5.082	88	90448	828.955	UG/L	89
55) BROMODICHLOROMETHANE	5.201	83	2049340	82.145	UG/L	98
56) 2-CHLOROETHYLVINYLETHER	5.491	63	1161734	No Calib	#	
57) MIBK	5.752	43	8931535	811.823	UG/L	97
58) CIS-1,3-DICHLOROPROPENE	5.602	75	2233223	82.954	UG/L	98
59) TOLUENE	5.889	92	4192083	79.095	UG/L	100
60) TRANS-1,3,-DICHLOROPRO...	6.089	75	1631878	84.982	UG/L	99
61) ETHYL METHACRYLATE	6.406	69	6557	No Calib	#	
62) 1,1,2-TRICHLOROETHANE	6.239	83	925630	82.751	UG/L	97
63) 2-HEXANONE	6.473	43	6449658	887.915	UG/L	100
64) TETRACHLOROETHENE	6.353	164	1672750	98.331	UG/L	96
65) 1,3-DICHLOROPROPANE	6.381	76	1829618	80.855	UG/L	98
66) DIBROMOCHLOROMETHANE	6.570	129	1405753	85.657	UG/L	98
67) 1,2-DIBROMOETHANE	6.656	107	1074508	79.633	UG/L	97
70) CHLOROBENZENE	7.079	112	4737278	83.572	UG/L	99
71) 1,1,1,2-TETRACHLOROETHANE	7.152	131	1526324	86.197	UG/L	99
72) ETHYLBENZENE	7.182	91	8154057	82.158	UG/L	97
73) M/P-XYLENES	7.285	106	7229380	181.833	UG/L	79
74) O-XYLENE	7.613	106	3583810	93.755	UG/L	93
75) STYRENE	7.627	104	5796706	93.064	UG/L	97
76) BROMOFORM	7.769	173	876648	87.489	UG/L	# 97
77) ISOPROPYLBENZENE	7.928	105	9031747	87.105	UG/L	96
78) 1,1,2,2-TETRACHLOROETHANE	8.181	83	1430475	93.681	UG/L	98
79) 1,4-DICHLORO-2-BUTENE(...	8.231	53	353748	115.633	UG/L	# 1
80) BROMOBENZENE	8.167	156	2332106	103.813	UG/L	95
81) 1,2,3-TRICHLOROPROPANE	8.209	75	958887	70.313	UG/L	# 85
82) N-PROPYLBENZENE	8.276	91	10268035	81.236	UG/L	94
83) 2-CHLOROTOLUENE	8.337	91	6244951	85.608	UG/L	97
84) 1,3,5-TRIMETHYLBENZENE	8.426	105	8483296	92.991	UG/L	94
85) 4-CHLOROTOLUENE	8.429	91	7721989	90.131	UG/L	92
87) TERT-BUTYLBENZENE	8.696	119	7220852	77.822	UG/L	98
88) 1,2,4-TRIMETHYLBENZENE	8.737	105	7924080	74.922	UG/L	95
89) SEC-BUTYLBENZENE	8.879	105	10446992	70.447	UG/L	95
90) 1,3-DICHLOROBENZENE	8.957	146	4785346	76.444	UG/L	98
91) P-ISOPROPYLTOLUENE	9.007	119	8632916	74.780	UG/L	96
92) 1,4-DICHLOROBENZENE	9.035	146	4643205	74.793	UG/L	97
93) N-BUTYLBENZENE	9.347	91	8775167	75.692	UG/L	96
94) 1,2-DICHLOROBENZENE	9.341	146	4803842	84.648	UG/L	97
95) 1,2-DIBROMO-3-CHLOROPR...	9.989	75	181078	78.141	UG/L	94
96) 1,3,5-TRICHLOROBENZENE	10.170	180	3902000	90.853	UG/L	98
97) 1,2,4-TRICHLOROBENZENE	10.679	180	2983158	102.579	UG/L	97
98) HEXACHLOROBUTADIENE	10.832	225	2301739	94.062	UG/L	99
99) NAPHTHALENE	10.882	128	3324723	87.997	UG/L	100
100) 1,2,3-TRICHLOROBENZENE	11.083	180	2418646	101.801	UG/L	97

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

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Page: 3

Data File : V:\DATA\111212\VA317014.D
 Acq On : 12 Nov 2012 11:09 am
 Sample : 8260 STD 100PPB
 InstName : GCMSVOA1
 Misc :
 Quant Time: Feb 04 17:26:20 2013

Vial: 14
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

449

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 12:27:08 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.842	168	1501469	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.524	114	1850782	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.056	117	1804393	30.00	UG/L	0.00
86) 1,4-DICHLOROBENZENE-D4...	9.012	152	1441234	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.096	65	456750	21.80	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	87.20%	
48) TOLUENE SS	5.832	98	1856381	24.89	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	99.56%	
69) 4-BROMOFLUROBENZENE SS	8.049	95	733854	25.23	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	100.92%	
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	0.980	85	1915066	80.450	UG/L	99
4) DIFLUOROCHLOROMETHANE	0.985	51	1895714	No Calib		
5) CHLOROMETHANE	1.077	50	2407828	98.287	UG/L	99
6) VINYL CHLORIDE	1.133	62	2606150	80.052	UG/L	99
7) BROMOMETHANE	1.302	94	2074851	105.800	UG/L	99
8) CHLOROETHANE	1.361	64	1277558	78.178	UG/L	99
9) FLUORODICHLOROMETHANE	1.466	67	3744789	82.505	UG/L	98
10) TRICHLOROFLUOROMETHANE	1.505	101	4109910	85.134	UG/L	100
11) DI ETHYL ETHER	1.669	74	836904	81.753	UG/L	92
12) ACETONE	1.845	58	1030722	791.116	UG/L	93
13) 1,1,2TRICL-1,2,2TRIFLE...	1.811	101	2113334	88.022	UG/L	# 75
14) 1,1-DICHLOROETHENE	1.814	96	2307491	87.430	UG/L	83
15) IODOMETHANE	0.000		0	N.D.		
16) METHYL ACETATE	2.067	43	1133428	100.997	UG/L	99
17) T-BUTYL ALCOHOL	2.231	59	737181	1510.463	UG/L	# 87
18) ACRYLONITRILE	2.329	53	437141	97.236	UG/L	96
19) ACETONITRILE	2.231	41	221455	No Calib	#	
20) ALLYL CHLORIDE	0.000		0	N.D.		
21) METHYLENE CHLORIDE	2.140	49	2982544	95.399	UG/L	97
22) CARBON DISULFIDE	0.000		0	N.D.	d	
23) METHYL TERT-BUTYL ETHE...	2.357	73	3678081	101.985	UG/L	98
24) TRANS 1,2-DICHLOROETHENE	2.351	96	2411074	102.739	UG/L	100
25) 1,1-DICHLOROETHANE	2.716	63	3790715	95.247	UG/L	99
26) CHLOROPRENE	0.000		0	N.D.	d	
27) VINYL ACETATE	0.000		0	N.D.		
28) DI ISOPROPYL ETHER	2.793	45	6482550	96.829	UG/L	100
29) 2-BUTANONE	3.322	72	1283961	1015.500	UG/L	99
30) T-BUTYL ETHYL ETHER	3.166	59	4634563	102.983	UG/L	99
31) CIS-1,2-DICHLOROETHENE	3.297	96	2536175	108.658	UG/L	96
32) 2,2-DICHLOROPROPANE	3.297	77	2901460	106.957	UG/L	99
33) PROPIONITRILE	3.322	54	12043	No Calib	#	
34) ETHYL ACETATE	3.400	43	1192643	No Calib		
35) METHYLACRYLONITRILE	4.276	41	560303	No Calib	#	
36) BROMOCHLOROMETHANE	3.534	128	727733	88.266	UG/L	98
37) TETRAHYDROFURAN	3.589	72	117664	101.306	UG/L	# 84
38) CHLOROFORM	3.623	83	3683566	97.745	UG/L	99
39) 1,1,1-TRICHLOROETHANE	3.792	97	3365792	103.484	UG/L	96
40) CYCLOHEXANE	3.845	56	3604816	98.883	UG/L	97
41) CARBON TETRACHLORIDE	3.951	117	3054585	106.816	UG/L	99
42) 1,1-DICHLOROPROPENE	3.956	75	3167193	99.418	UG/L	98
43) ISOBUTANOL	0.000		0	N.D.	d	
44) BENZENE	4.148	78	8567860	95.615	UG/L	100
45) T-AMYL METHYL ETHER	4.276	73	3775948	101.941	UG/L	97
47) METHYLCYCLOHEXANE	4.919	83	3559134	114.708	UG/L	97
49) 1,2-DICHLOROETHANE	4.168	62	2426348	106.652	UG/L	99
50) TRICHLOROETHENE	4.749	95	2365302	112.908	UG/L	97
51) 1,2-DICHLOROPROPANE	4.950	63	2162029	123.552	UG/L	99
52) DIBROMOMETHANE	5.050	93	1009540	112.426	UG/L	99
53) METHYL METHACRYLATE	4.919	41	1766898	No Calib	#	

Data File : V:\DATA\111212\VA317014.D
 Acq On : 12 Nov 2012 11:09 am
 Sample : 8260 STD 100PPB
 InstName : GCMSVOA1
 Misc :
 Quant Time: Feb 04 17:26:20 2013

Vial: 14
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

450

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 12:27:08 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) 1,4-DIOXANE	5.086	88	118255	1024.927	UG/L	# 91
55) BROMODICHLOROMETHANE	5.203	83	2798168	106.821	UG/L	98
56) 2-CHLOROETHYLVINYLETHER	5.492	63	1504551	No Calib	#	
57) MIBK	5.754	43	11133955	998.856	UG/L	94
58) CIS-1,3-DICHLOROPROPENE	5.601	75	3028404	106.280	UG/L	98
59) TOLUENE	5.887	92	5626161	104.387	UG/L	97
60) TRANS-1,3,-DICHLOROPRO...	6.088	75	2231966	107.740	UG/L	99
61) ETHYL METHACRYLATE	6.405	69	8415	No Calib	#	
62) 1,1,2-TRICHLOROETHANE	6.241	83	1243952	109.315	UG/L	97
63) 2-HEXANONE	6.474	43	8048175	1080.927	UG/L	98
64) TETRACHLOROETHENE	6.355	164	2339546	131.100	UG/L	95
65) 1,3-DICHLOROPROPANE	6.380	76	2422300	105.233	UG/L	98
66) DIBROMOCHLOROMETHANE	6.572	129	1907928	107.245	UG/L	98
67) 1,2-DIBROMOETHANE	6.655	107	1429938	103.296	UG/L	97
70) CHLOROBENZENE	7.081	112	6294583	108.037	UG/L	99
71) 1,1,1,2-TETRACHLOROETHANE	7.153	131	2092667	108.137	UG/L	99
72) ETHYLBENZENE	7.184	91	10439886	102.125	UG/L	94
73) M/P-XYLENES	7.287	106	9409363	227.878	UG/L	# 1
74) O-XYLENE	7.615	106	4854146	121.894	UG/L	89
75) STYRENE	7.626	104	7728624	119.599	UG/L	97
76) BROMOFORM	7.768	173	1224369	110.468	UG/L	# 99
77) ISOPROPYLBENZENE	7.926	105	11329735	105.868	UG/L	91
78) 1,1,2,2-TETRACHLOROETHANE	8.182	83	1886447	118.045	UG/L	97
79) 1,4-DICHLORO-2-BUTENE(...	8.233	53	479704	147.114	UG/L	# 1
80) BROMOBENZENE	8.166	156	3256031	136.009	UG/L	92
81) 1,2,3-TRICHLOROPROPANE	8.210	75	1257685	92.163	UG/L	# 87
82) N-PROPYLBENZENE	8.271	91	12161827	93.793	UG/L	# 87
83) 2-CHLOROTOLUENE	8.335	91	8171117	108.354	UG/L	94
84) 1,3,5-TRIMETHYLBENZENE	8.424	105	10619301	112.122	UG/L	88
85) 4-CHLOROTOLUENE	8.427	91	9860590	111.168	UG/L	# 87
87) TERT-BUTYLBENZENE	8.697	119	9437996	94.254	UG/L	96
88) 1,2,4-TRIMETHYLBENZENE	8.736	105	10141837	89.295	UG/L	90
89) SEC-BUTYLBENZENE	8.875	105	12402571	78.675	UG/L	# 86
90) 1,3-DICHLOROBENZENE	8.959	146	6640313	99.083	UG/L	97
91) P-ISOPROPYLTOLUENE	9.003	119	10863270	87.586	UG/L	91
92) 1,4-DICHLOROBENZENE	9.034	146	6457506	97.430	UG/L	97
93) N-BUTYLBENZENE	9.345	91	10886832	87.733	UG/L	# 90
94) 1,2-DICHLOROBENZENE	9.340	146	6674226	108.499	UG/L	96
95) 1,2-DIBROMO-3-CHLOROPR...	9.988	75	247748	100.192	UG/L	92
96) 1,3,5-TRICHLOROBENZENE	10.169	180	5617631	119.237	UG/L	99
97) 1,2,4-TRICHLOROBENZENE	10.681	180	4342025	135.913	UG/L	97
98) HEXACHLOROBUTADIENE	10.834	225	3475013	129.165	UG/L	98
99) NAPHTHALENE	10.878	128	4760329	122.023	UG/L	100
100) 1,2,3-TRICHLOROBENZENE	11.081	180	3538092	135.842	UG/L	97

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

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Page: 3

Data File : V:\DATA\111212\VA317017.D
 Acq On : 12 Nov 2012 12:31 pm
 Sample : B0-BS1
 InstName : GCMSVOA1
 Misc :
 Quant Time: Nov 12 13:53:29 2012

Vial: 17
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

452

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 13:10:19 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.840	168	1189621	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.521	114	1650502	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.053	117	1568532	30.00	UG/L	0.00
86) 1,4-DICHLOROBENZENE-D4...	9.012	152	984895	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.096	65	421289	25.70	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	102.80%	
48) TOLUENE SS	5.829	98	1663753	25.03	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	100.12%	
69) 4-BROMOFLUROBENZENE SS	8.046	95	638689	25.23	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	100.92%	
Target Compounds						
3) DICHLORODIFLOUROMETHANE	0.980	85	173583	9.408	UG/L	100
4) DIFLUOROCHLOROMETHANE	0.985	51	274519	No Calib		
5) CHLOROMETHANE	1.077	50	270654	11.852	UG/L	99
6) VINYL CHLORIDE	1.133	62	255917	10.028	UG/L	100
7) BROMOMETHANE	1.311	94	75489	5.309	UG/L	99
8) CHLOROETHANE	1.364	64	140678	11.108	UG/L	99
9) FLUORODICHLOROMETHANE	1.469	67	406024	11.492	UG/L	99
10) TRICHLOROFLUOROMETHANE	1.505	101	413874	10.938	UG/L	96
11) DI ETHYL ETHER	1.670	74	90482	11.099	UG/L	90
12) ACETONE	1.845	58	88199	86.295	UG/L	95
13) 1,1,2TRICL-1,2,2TRIFLE...	1.814	101	242122	12.874	UG/L	# 73
14) 1,1-DICHLOROETHENE	1.814	96	228637	10.923	UG/L	85
15) IODOMETHANE	1.914	142	493656	15.867	UG/L	95
16) METHYL ACETATE	2.067	43	94511	9.478	UG/L	99
17) T-BUTYL ALCOHOL	2.226	59	44233	114.391	UG/L	# 82
18) ACRYLONITRILE	2.326	53	42990	11.387	UG/L	97
19) ACETONITRILE	2.226	41	13668	No Calib	#	
20) ALLYL CHLORIDE	1.962	76	638625	No Calib	#	
21) METHYLENE CHLORIDE	2.140	49	298932	9.826	UG/L	99
22) CARBON DISULFIDE	1.962	76	638625	10.428	UG/L	98
23) METHYL TERT-BUTYL ETHE...	2.357	73	347047	12.121	UG/L	# 82
24) TRANS 1,2-DICHLOROETHENE	2.354	96	197996	10.777	UG/L	95
25) 1,1-DICHLOROETHANE	2.713	63	349255	11.132	UG/L	98
26) CHLOROPRENE	2.326	53	42990	No Calib	#	
27) VINYL ACETATE	2.769	43	2887641	115.985	UG/L	99
28) DI ISOPROPYL ETHER	2.791	45	628634	11.889	UG/L	99
29) 2-BUTANONE	3.319	72	104106	96.624	UG/L	93
30) T-BUTYL ETHYL ETHER	3.164	59	413086	12.239	UG/L	99
31) CIS-1,2-DICHLOROETHENE	3.297	96	205225	11.002	UG/L	97
32) 2,2-DICHLOROPROPANE	3.292	77	184959	13.360	UG/L	99
33) PROPIONITRILE	3.322	54	818	No Calib	#	
34) ETHYL ACETATE	3.400	43	91194	No Calib		
35) METHYLACRYLONITRILE	4.274	41	62367	No Calib	#	
36) BROMOCHLOROMETHANE	3.534	128	77543	11.430	UG/L	91
37) TETRAHYDROFURAN	3.592	72	12028	12.338	UG/L	# 88
38) CHLOROFORM	3.623	83	324855	10.904	UG/L	99
39) 1,1,1-TRICHLOROETHANE	3.790	97	262351	11.502	UG/L	96
40) CYCLOHEXANE	3.842	56	393766	12.646	UG/L	99
41) CARBON TETRACHLORIDE	3.951	117	189666	13.095	UG/L	99
42) 1,1-DICHLOROPROPENE	3.954	75	280825	11.133	UG/L	97
43) ISOBUTANOL	4.274	41	62367	No Calib	#	
44) BENZENE	4.146	78	771401	10.913	UG/L	100
45) T-AMYL METHYL ETHER	4.274	73	319248	11.931	UG/L	# 89
47) METHYLCYCLOHEXANE	4.919	83	346307	12.501	UG/L	97
49) 1,2-DICHLOROETHANE	4.168	62	218154	10.682	UG/L	99
50) TRICHLOROETHENE	4.749	95	197186	10.566	UG/L	94
51) 1,2-DICHLOROPROPANE	4.950	63	187828	10.490	UG/L	97
52) DIBROMOMETHANE	5.050	93	91591	10.671	UG/L	94
53) METHYL METHACRYLATE	4.919	41	184770	No Calib	#	

Data File : V:\DATA\111212\VA317017.D
 Acq On : 12 Nov 2012 12:31 pm
 Sample : B0-BS1
 InstName : GCMSVOA1
 Misc :
 Quant Time: Nov 12 13:53:29 2012

Vial: 17
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

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Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 13:10:19 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) 1,4-DIOXANE	5.080	88	11024	115.629	UG/L	# 87
55) BROMODICHLOROMETHANE	5.203	83	196195	9.886	UG/L	99
56) 2-CHLOROETHYLVINYLETHER	5.492	63	58	No Calib	#	
57) MIBK	5.751	43	1009718	101.588	UG/L	98
58) CIS-1,3-DICHLOROPROPENE	5.601	75	202273	9.115	UG/L	95
59) TOLUENE	5.885	92	482375	9.992	UG/L	96
60) TRANS-1,3,-DICHLOROPRO...	6.090	75	141183	9.311	UG/L	97
61) ETHYL METHACRYLATE	6.191	69	126547	No Calib	#	
62) 1,1,2-TRICHLOROETHANE	6.241	83	107763	10.521	UG/L	97
63) 2-HEXANONE	6.472	43	676248	101.028	UG/L	96
64) TETRACHLOROETHENE	6.352	164	172099	10.453	UG/L	99
65) 1,3-DICHLOROPROPANE	6.380	76	219004	10.613	UG/L	98
66) DIBROMOCHLOROMETHANE	6.569	129	119639	8.933	UG/L	96
67) 1,2-DIBROMOETHANE	6.655	107	123551	11.304	UG/L	100
70) CHLOROBENZENE	7.078	112	529559	10.372	UG/L	97
71) 1,1,1,2-TETRACHLOROETHANE	7.153	131	134234	9.470	UG/L	99
72) ETHYLBENZENE	7.181	91	967770	10.867	UG/L	98
73) M/P-XYLENES	7.281	106	763082	21.238	UG/L	98
74) O-XYLENE	7.612	106	363348	10.271	UG/L	97
75) STYRENE	7.626	104	591042	10.319	UG/L	95
76) BROMOFORM	7.768	173	62520	8.383	UG/L	# 97
77) ISOPROPYLBENZENE	7.927	105	1010462	10.950	UG/L	99
78) 1,1,2,2-TETRACHLOROETHANE	8.183	83	157754	10.598	UG/L	96
79) 1,4-DICHLORO-2-BUTENE(...	8.230	53	29767	8.663	UG/L	# 1
80) BROMOBENZENE	8.166	156	235776	10.287	UG/L	96
81) 1,2,3-TRICHLOROPROPANE	8.208	75	130613	10.932	UG/L	96
82) N-PROPYLBENZENE	8.272	91	1222829	11.088	UG/L	97
83) 2-CHLOROTOLUENE	8.333	91	693905	10.498	UG/L	99
84) 1,3,5-TRIMETHYLBENZENE	8.425	105	889773	10.922	UG/L	98
85) 4-CHLOROTOLUENE	8.425	91	832978	10.684	UG/L	98
87) TERT-BUTYLBENZENE	8.692	119	769153	11.434	UG/L	98
88) 1,2,4-TRIMETHYLBENZENE	8.733	105	851650	11.091	UG/L	99
89) SEC-BUTYLBENZENE	8.878	105	1224211	11.796	UG/L	98
90) 1,3-DICHLOROBENZENE	8.956	146	475196	10.386	UG/L	99
91) P-ISOPROPYLTOLUENE	9.003	119	1007203	12.033	UG/L	99
92) 1,4-DICHLOROBENZENE	9.031	146	484375	10.722	UG/L	99
93) N-BUTYLBENZENE	9.345	91	953831	11.588	UG/L	97
94) 1,2-DICHLOROBENZENE	9.340	146	434641	10.252	UG/L	100
95) 1,2-DIBROMO-3-CHLOROPR...	9.991	75	15483	10.083	UG/L	99
96) 1,3,5-TRICHLOROBENZENE	10.169	180	323990	9.873	UG/L	98
97) 1,2,4-TRICHLOROBENZENE	10.681	180	244821	10.647	UG/L	96
98) HEXACHLOROBUTADIENE	10.831	225	200166	10.724	UG/L	99
99) NAPHTHALENE	10.878	128	341767	11.506	UG/L	100
100) 1,2,3-TRICHLOROBENZENE	11.082	180	212401	11.177	UG/L	97

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

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Page: 3

INITIAL CALIBRATION STANDARDS

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Sequence:	S003584	Instrument:	GCMSVOA5
Calibration:	1200253		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1206199	0.4ppb 8260 Calibration Standard	S003584-CAL1	ve322024.D	11/17/12 10:20
1206200	0.5ppb 8260 Calibration Standard	S003584-CAL2	ve322025.D	11/17/12 10:46
1206201	1ppb 8260 Calibration Standard	S003584-CAL3	ve322026.D	11/17/12 11:13
1206202	2ppb 8260 Calibration Standard	S003584-CAL4	ve322027.D	11/17/12 11:39
1206203	5ppb 8260 Calibration Standard	S003584-CAL5	ve322028.D	11/17/12 12:05
1206204	10ppb 8260 Calibration Standard	S003584-CAL6	ve322029.D	11/17/12 12:31
1206205	20ppb 8260 Calibration Standard	S003584-CAL7	ve322030.D	11/17/12 12:57
1206206	50ppb 8260 Calibration Standard	S003584-CAL8	ve322031.D	11/17/12 13:24
1206207	100ppb 8260 Calibration Standard	S003584-CAL9	ve322032.D	11/17/12 13:50
1206208	200ppb 8260 Calibration Standard	S003584-CALA	ve322033.D	11/17/12 14:16

U:\DATA\111612\

Date		Filename	Lab ID	Sample Info
16 Nov 2012	2:26 pm	ve322001.D	BLK	1
16 Nov 2012	2:52 pm	ve322002.D	BLK	1
16 Nov 2012	3:18 pm	ve322003.D	BLK	1
16 Nov 2012	3:44 pm	ve322004.D	BLK	1
16 Nov 2012	4:10 pm	ve322005.D	BLK	1
16 Nov 2012	4:36 pm	ve322006.D	BLK	1
16 Nov 2012	5:02 pm	ve322007.D	BLK	1
16 Nov 2012	5:28 pm	ve322008.D	BLK	1
16 Nov 2012	5:55 pm	ve322009.D	BLK	1
16 Nov 2012	6:21 pm	ve322010.D	BLK	1
16 Nov 2012	6:47 pm	ve322011.D	BLK	1
16 Nov 2012	7:13 pm	ve322012.D	BLK	1
16 Nov 2012	7:39 pm	ve322013.D	BLK	1
16 Nov 2012	8:06 pm	ve322014.D	BLK	1
16 Nov 2012	8:32 pm	ve322015.D	BLK	1
16 Nov 2012	8:58 pm	ve322016.D	BLK	1
16 Nov 2012	9:25 pm	ve322017.D	BLK	1
16 Nov 2012	9:51 pm	ve322018.D	BLK	1
16 Nov 2012	10:17 pm	ve322019.D	BLK	1
16 Nov 2012	10:44 pm	ve322020.D	BLK	1
16 Nov 2012	11:10 pm	ve322021.D	BLK	1
17 Nov 2012	9:28 am	ve322022.D	BLK	1
17 Nov 2012	9:54 am	ve322023.D	BLK	1
17 Nov 2012	10:20 am	ve322024.D	8260STD 0.4PPB	1
17 Nov 2012	10:46 am	ve322025.D	8260STD 0.5PPB	1
17 Nov 2012	11:13 am	ve322026.D	8260STD 1.0PPB	1
17 Nov 2012	11:39 am	ve322027.D	8260STD 2.0PPB	1
17 Nov 2012	12:05 pm	ve322028.D	8260STD 5.0PPB	1
17 Nov 2012	12:31 pm	ve322029.D	8260STD 10PPB	1
17 Nov 2012	12:57 pm	ve322030.D	8260STD 20PPB	1
17 Nov 2012	1:24 pm	ve322031.D	8260STD 50PPB	1
17 Nov 2012	1:50 pm	ve322032.D	8260STD 100PPB	1
17 Nov 2012	2:16 pm	ve322033.D	8260STD 200PPB	1
17 Nov 2012	2:42 pm	ve322034.D	BLK	1
17 Nov 2012	3:08 pm	ve322035.D	BLK	1
17 Nov 2012	3:35 pm	ve322036.D	BLK	1
17 Nov 2012	4:01 pm	ve322037.D	ICV	1
17 Nov 2012	4:27 pm	ve322038.D	ICV	1
17 Nov 2012	4:53 pm	ve322039.D	BLK	1
17 Nov 2012	5:20 pm	ve322040.D	BLK	1
17 Nov 2012	5:46 pm	ve322041.D	BLK	1
17 Nov 2012	6:12 pm	ve322042.D	BLK	1

Method Path : C:\msdchem\1\METHODS\
 Method File : E111712W.m
 Title : 8260 WATER 5MLS VOAMS 5973 #5
 Last Update : Fri Dec 21 14:08:20 2012
 Response Via : Initial Calibration

Calibration Files

0.4 =ve322024.D 0.5 =ve322025.D 1 =ve322026.D 2 =ve322027.D 5 =ve322028.D 10 =ve322029.D 20 =ve322030.D 50 =ve322031.D
 100 =ve322032.D 200 =ve322033.D

Compound		0.4	0.5	1	2	5	10	20	50	100	200	Avg	%RSD
1)	PENTAFLUOROBENZENE...	-----ISTD-----											
2) S	1,2-DICHLOROET...	0.496	0.520	0.517	0.505	0.522	0.511	0.522	0.469	0.464	0.459	0.498	5.07
3)	DICHLORODIFLUO...			0.501	0.468	0.437	0.433	0.403	0.387	0.387	0.336	0.419	12.36
4)	DIFLUOROCHLORO...										0.000		-1.00
5) P	CHLOROMETHANE	0.642	0.566	0.631	0.550	0.481	0.476	0.357	0.304	0.267	0.275	0.455	31.82
6) C	VINYL CHLORIDE	0.455	0.302	0.482	0.427	0.416	0.434	0.346	0.379			0.405	14.69#
7)	BROMOMETHANE	0.159	0.143	0.216	0.164	0.151	0.157	0.144	0.153	0.156	0.179	0.162	13.18
8)	CHLOROETHANE	0.194	0.178	0.236	0.187	0.167	0.190	0.153	0.152			0.182	14.88
9)	Ethanol										0.000		-1.00
10)	FLUORODICHLORO...	0.735	0.538	0.706	0.613	0.632	0.663	0.598	0.640	0.595	0.577	0.630	9.43
11)	TRICHLOROFLUOR...	0.563	0.427	0.691	0.644	0.596	0.619	0.568	0.577	0.560	0.513	0.576	12.54
12)	DI ETHYL ETHER	0.195	0.252	0.262	0.224	0.216	0.208	0.205	0.199	0.198	0.183	0.214	11.83
13)	ACROLEIN			0.021	0.022	0.020	0.020	0.022	0.020	0.021		0.021	3.99
14)	ACETONE		0.067	0.067	0.056	0.061	0.056	0.061	0.052	0.056	0.050	0.058	9.98
15) C	1,1-DICHLOROET...	0.478	0.302	0.480	0.561	0.449	0.460	0.426	0.432	0.448	0.430	0.447	14.42#
16)	1,1,2-TRICL-1,...	0.283	0.199	0.322	0.291	0.269	0.277	0.259	0.260	0.254	0.242	0.266	12.16
17)	IODOMETHANE	0.281	0.228	0.374	0.376	0.364	0.448	0.440	0.474			0.373	22.66
18)	ALLYL CHLORIDE										0.000		-1.00
19)	METHYL ACETATE	0.182	0.284	0.190	0.219	0.214	0.205	0.229	0.198	0.222	0.211	0.215	13.13
20)	T-BUTYL ALCOHOL	0.017	0.014	0.012	0.013	0.013	0.011	0.015	0.011	0.015	0.013	0.013	14.24
21)	ACRYLONITRILE		0.083	0.068	0.063	0.071	0.064	0.068	0.063	0.067	0.067	0.068	9.14
22)	METHYLENE CHLO...					0.413	0.402	0.356	0.346	0.309	0.299	0.354	13.17
23)	CARBON DISULFIDE	0.933	0.642	1.017	0.954	0.895	0.939	0.842				0.889	13.68
24)	METHYL TERT-BU...	0.452	0.596	0.647	0.637	0.648	0.601	0.619	0.609	0.645	0.634	0.609	9.57
25)	TRANS 1,2-DICH...	0.472	0.291	0.474	0.428	0.410	0.426	0.386	0.381	0.367	0.356	0.399	13.89
26) P	1,1-DICHLOROET...	0.495	0.400	0.567	0.543	0.495	0.523	0.481	0.508	0.480	0.465	0.496	9.22
27)	PROPIONITRILE										0.000		-1.00
28)	VINYL ACETATE	0.336	0.415	0.456	0.432	0.474	0.432	0.483	0.453	0.494		0.442	10.74
29)	CHLOROPRENE										0.000		-1.00
30)	DI ISOPROYL ETHER	0.703	0.560	0.763	0.692	0.707	0.714	0.698	0.735	0.723	0.719	0.701	7.66
31)	2-BUTANONE		0.062	0.064	0.061	0.069	0.064	0.076	0.066	0.074	0.067	0.067	7.53
32)	METHACRYLONITRILE										0.000		-1.00
33)	T-BUTYL ETHYL ...	0.651	0.679	0.780	0.750	0.764	0.713	0.721	0.725	0.748	0.741	0.727	5.34
34)	CIS-1,2-DICHL...	0.476	0.386	0.455	0.441	0.411	0.431	0.399	0.411	0.399	0.391	0.420	7.06
35)	2,2-DICHLOROPR...	0.495	0.338	0.468	0.455	0.440	0.446	0.406	0.433	0.419	0.406	0.431	9.94
36)	ETHYL ACETATE		0.046	0.161	0.122	0.155	0.149	0.177	0.158	0.184	0.170	0.147	28.45
37)	BROMOCHLOROMET...	0.278	0.249	0.261	0.244	0.241	0.244	0.225	0.225	0.211	0.188	0.237	10.85
38)	TETRAHYDROFURAN			0.055	0.056	0.062	0.048	0.042	0.040	0.046	0.042	0.049	16.44
39) C	CHLOROFORM	0.503	0.495	0.577	0.536	0.531	0.557	0.521	0.546	0.521	0.515	0.530	4.70#
40)	ISOBUTANOL										0.000		-1.00
41)	1,1,1-TRICHLOR...	0.574	0.370	0.551	0.499	0.480	0.503	0.460	0.479	0.467	0.457	0.484	11.47

Method Path : C:\msdchem\1\METHODS\

Method File : E111712W.m

Title : 8260 WATER 5MLS VOAMS 5973 #5

42)	CYCLOHEXANE	0.426	0.505	0.477	0.440	0.449	0.406	0.381	0.371	0.357	0.424	11.72
43)	CARBON TETRACH...	0.442	0.319	0.499	0.433	0.433	0.444	0.411	0.417	0.415	0.398	10.79
44)	1,1-DICHLOROPR...	0.448	0.312	0.458	0.445	0.409	0.430	0.398	0.389	0.377	0.368	11.08
45)	BENZENE	1.295	1.008	1.295	1.223	1.139	1.190	1.100	1.156	1.086	1.084	8.12
46)	T-AMYLMETHYL E...	0.598	0.699	0.720	0.662	0.679	0.640	0.674	0.652	0.714	0.698	5.54
47)	1,4-DIFLUOROBENZEN...	-----ISTD-----										
48) S	TOLUENE SS	1.167	1.155	1.164	1.159	1.184	1.183	1.181	1.182	1.162	1.156	1.169
49)	1,2-DICHLOROET...			0.358	0.321	0.276	0.268	0.259	0.259	0.262	0.252	13.33
50)	METHYL METHACR...			0.145	0.166	0.136	0.139	0.130	0.122	0.123	0.117	11.64
51)	TRICHLOROETHENE	0.306	0.198	0.250	0.242	0.213	0.226	0.215	0.217	0.216	0.214	13.40
52)	METHYLCYCLOHEXANE			0.347	0.339	0.313	0.326	0.308	0.288	0.293	0.279	7.91
53) C	1,2-DICHLOROPR...	0.241	0.231	0.235	0.206	0.198	0.207	0.196	0.210	0.208	0.202	7.53#
54)	DIBROMOMETHANE	0.147	0.169	0.152	0.125	0.136	0.128	0.133	0.129	0.135	0.129	10.11
55)	1,4-DIOXANE						0.001	0.002	0.001	0.002	0.002	12.97
56)	BROMODICHLOROM...	0.321	0.315	0.331	0.296	0.302	0.304	0.295	0.314	0.314	0.314	3.69
57)	2-CHLOROETHYLV...		0.037	0.045	0.042	0.043	0.040	0.044	0.040	0.046		7.00
58)	MIBK	0.107	0.141	0.138	0.142	0.146	0.123	0.156	0.127	0.169	0.148	12.53
59)	CIS-1,3-DICHLOR...	0.356	0.334	0.364	0.330	0.345	0.340	0.337	0.348	0.353	0.347	3.03
60) C	TOLUENE	0.954	0.824	0.975	0.899	0.857	0.897	0.855	0.883	0.893	0.893	5.02#
61)	TRANS-1,3,-DIC...	0.298	0.291	0.299	0.283	0.286	0.277	0.281	0.284	0.300	0.298	2.98
62)	ETHYL METHACRY...		0.245	0.227	0.228	0.221	0.193	0.220	0.194	0.232	0.222	7.70
63)	1,1,2-TRICHLOR...	0.203	0.203	0.201	0.181	0.182	0.172	0.175	0.176	0.187	0.183	6.46
64)	2-HEXANONE		0.092	0.091	0.093	0.104	0.083	0.108	0.084	0.117	0.107	12.13
65)	TETRACHLOROETHENE	0.263	0.168	0.265	0.257	0.238	0.253	0.245	0.250	0.257	0.251	11.45
66)	1,3-DICHLOROPR...	0.288	0.262	0.297	0.293	0.292	0.279	0.289	0.281	0.307	0.292	4.21
67)	DIBROMOCHLOROM...	0.246	0.242	0.241	0.234	0.230	0.228	0.235	0.240	0.257	0.259	4.38
68)	1,2-DIBROMOETHANE	0.186	0.197	0.200	0.194	0.192	0.183	0.194	0.183	0.200	0.195	3.32
69)	CHLOROBENZENE-D5	...-----ISTD-----										
70) S	4-BROMOFLUOROB...	0.876	0.889	0.882	0.877	0.889	0.882	0.889	0.901	0.937	0.969	3.38
71) T	CHLOROBENZENE	1.305	1.062	1.304	1.279	1.242	1.258	1.196	1.268	1.292	1.247	5.81
72)	1,1,1,2-TETRAC...	0.510	0.424	0.415	0.417	0.425	0.435	0.421	0.454	0.474	0.464	7.00
73) C	ETHYLBENZENE	2.176	1.593	2.190	2.163	2.024	2.129	1.976	2.090	2.132	2.082	8.56#
74)	M/P-XYLENES	1.752	1.283	1.750	1.678	1.626	1.673	1.608	1.694	1.741	1.563	8.52
75)	O-XYLENE	1.804	1.188	1.811	1.707	1.637	1.721	1.604	1.687	1.747	1.754	10.81
76)	STYRENE	1.347	1.092	1.345	1.279	1.258	1.285	1.233	1.304	1.359	1.356	6.29
77) P	BROMOFORM	0.283	0.330	0.302	0.304	0.300	0.280	0.320	0.313	0.377	0.374	10.56
78)	ISOPROPYLBENZENE	2.409	1.666	2.394	2.264	2.107	2.197	2.044	2.212	2.278	2.230	9.75
79)	CIS-1,4-DICHLOR...			0.165	0.129	0.130	0.111	0.129	0.111	0.137	0.132	12.83
80) P	1,1,2,2-TETRAC...	0.451	0.523	0.465	0.474	0.480	0.404	0.464	0.414	0.512	0.490	8.09
81)	1,4-DICHLORO-2...			0.150	0.135	0.104	0.124	0.109	0.138	0.130	0.127	12.93
82)	BROMOBENZENE	0.800	0.673	0.791	0.747	0.716	0.730	0.714	0.754	0.787	0.780	5.49
83)	1,2,3-TRICHLOR...	0.352	0.367	0.316	0.348	0.345	0.294	0.344	0.291	0.366	0.347	8.09
84)	N-PROPYLBENZENE	2.707	1.885	2.611	2.653	2.415	2.565	2.449	2.595	2.684	2.471	9.55
85)	2-CHLOROTOLUENE	1.387	1.183	1.426	1.401	1.388	1.411	1.340	1.429	1.452	1.498	6.08
86)	1,3,5-TRIMETHY...	1.759	1.357	1.786	1.791	1.752	1.774	1.708	1.830	1.901	1.931	8.91
87)	4-CHLOROTOLUENE	1.609	1.257	1.615	1.513	1.409	1.493	1.402	1.520	1.567	1.586	7.54
88)	1,4-DICHLOROBENZEN...	-----ISTD-----										
89)	TERT-BUTYLBENZENE	1.601	1.091	1.607	1.537	1.446	1.490	1.372	1.489	1.504	1.501	10.11

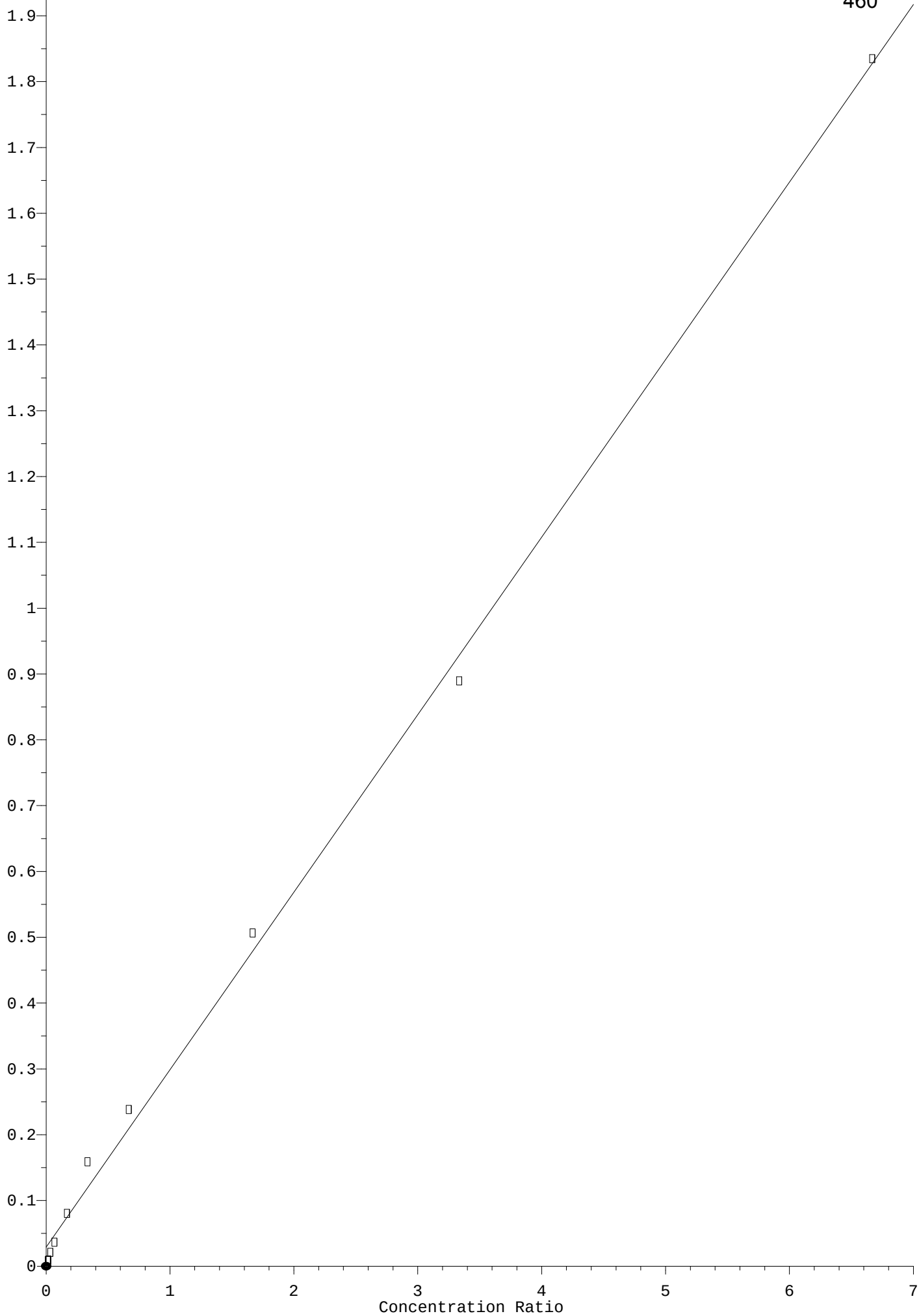
Method Path : C:\msdchem\1\METHODS\
Method File : E111712W.m
Title : 8260 WATER 5MLS VOAMS 5973 #5

90)	1,2,4-TRIMETHY...	1.799	1.331	1.787	1.735	1.651	1.700	1.567	1.708	1.707	1.706	1.669	8.13
91)	SEC-BUTYLBENZENE	2.224	1.584	2.415	2.368	2.213	2.336	2.159	2.364	2.347	2.239	2.225	10.79
92)	1,3-DICHLOROB...	0.998	0.881	1.043	0.994	0.978	0.997	0.950	1.038	1.030	1.049	0.996	5.14
93)	P-ISOPROPYLTOL...	1.846	1.288	1.806	1.764	1.699	1.767	1.614	1.762	1.788	1.774	1.711	9.42
94)	1,4-DICHLOROB...	1.044	0.854	1.027	0.954	0.935	0.962	0.912	0.980	0.991	0.979	0.964	5.71
95)	N-BUTYLBENZENE	1.775	1.189	1.805	1.774	1.733	1.750	1.641	1.804	1.806	1.826	1.710	11.15
96)	1,2-DICHLOROB...	0.911	0.877	0.992	0.918	0.904	0.894	0.888	0.920	0.941	0.949	0.919	3.69
97)	1,2-DIBROMO-3-...			0.081	0.077	0.074	0.055	0.068	0.053	0.070	0.065	0.068	14.76
98)	1,3,5-TRICHLOR...	0.638	0.490	0.631	0.638	0.610	0.596	0.606	0.663	0.699	0.703	0.627	9.67
99)	1,2,4-TRICHLOR...	0.462	0.478	0.525	0.507	0.498	0.471	0.515	0.502	0.587	0.582	0.513	8.30
100)	HEXACHLOROBUTA...	0.291	0.198	0.280	0.291	0.254	0.263	0.258	0.286	0.315	0.340	0.278	13.79
101)	NAPHTHALENE	0.917	1.206	1.100	1.068	1.094	0.864	1.092	0.867	1.138	1.047	1.039	11.25
102)	1,2,3-TRICHLOR...	0.351	0.442	0.390	0.387	0.406	0.339	0.414	0.353	0.462	0.430	0.397	10.36

(#) = Out of Range

CHLOROMETHANE

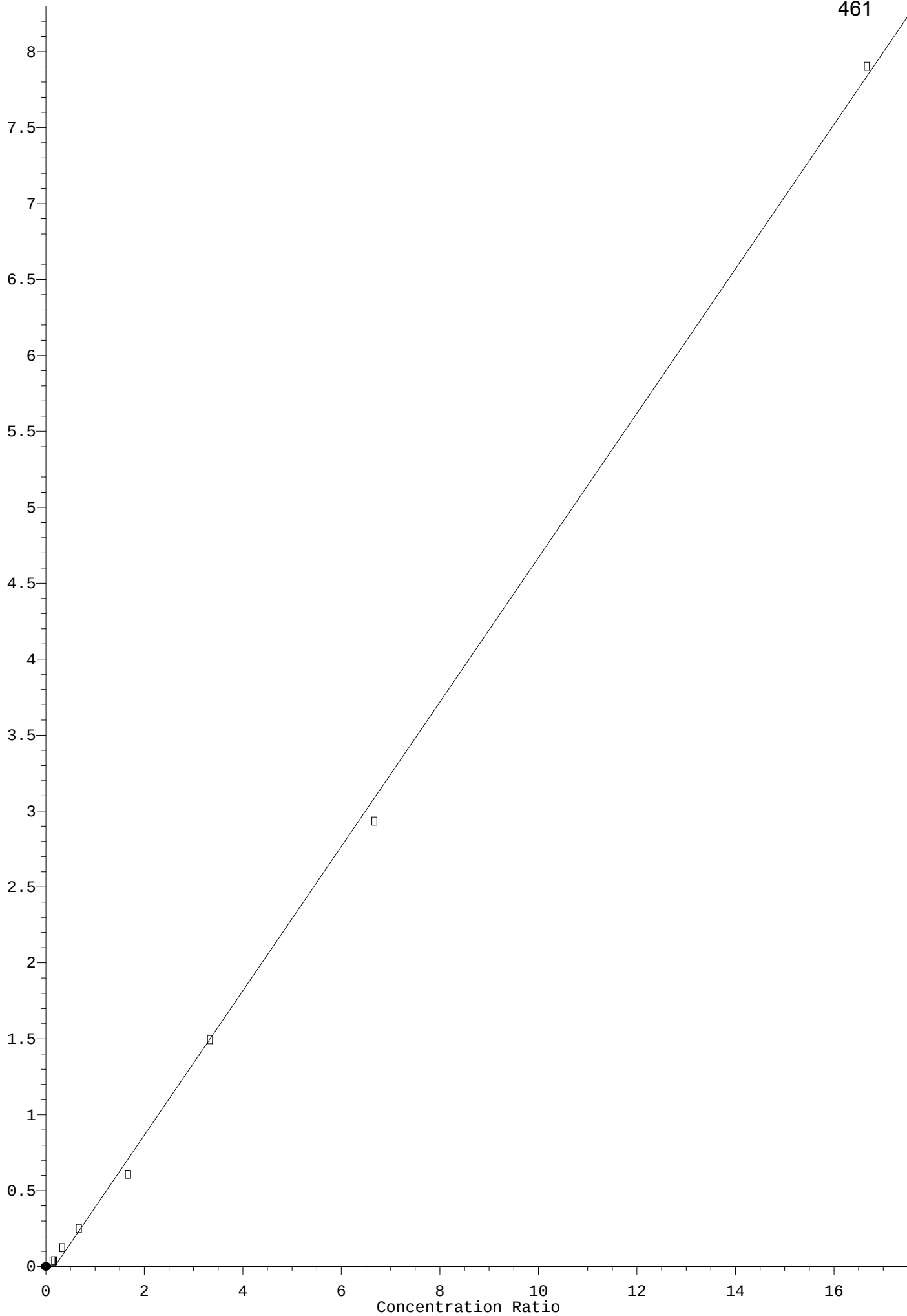
Response Ratio



460

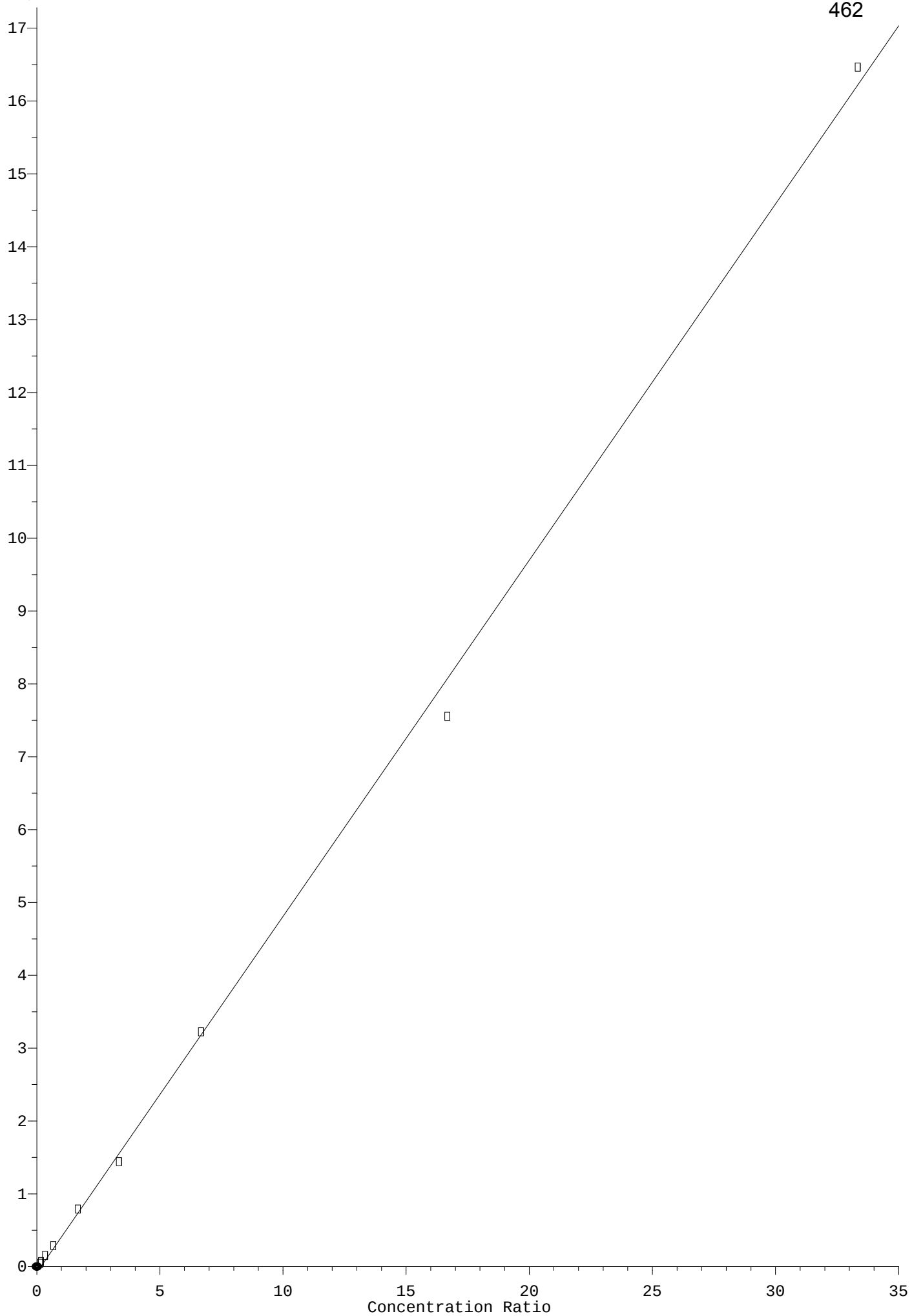
IODOMETHANE

Response Ratio

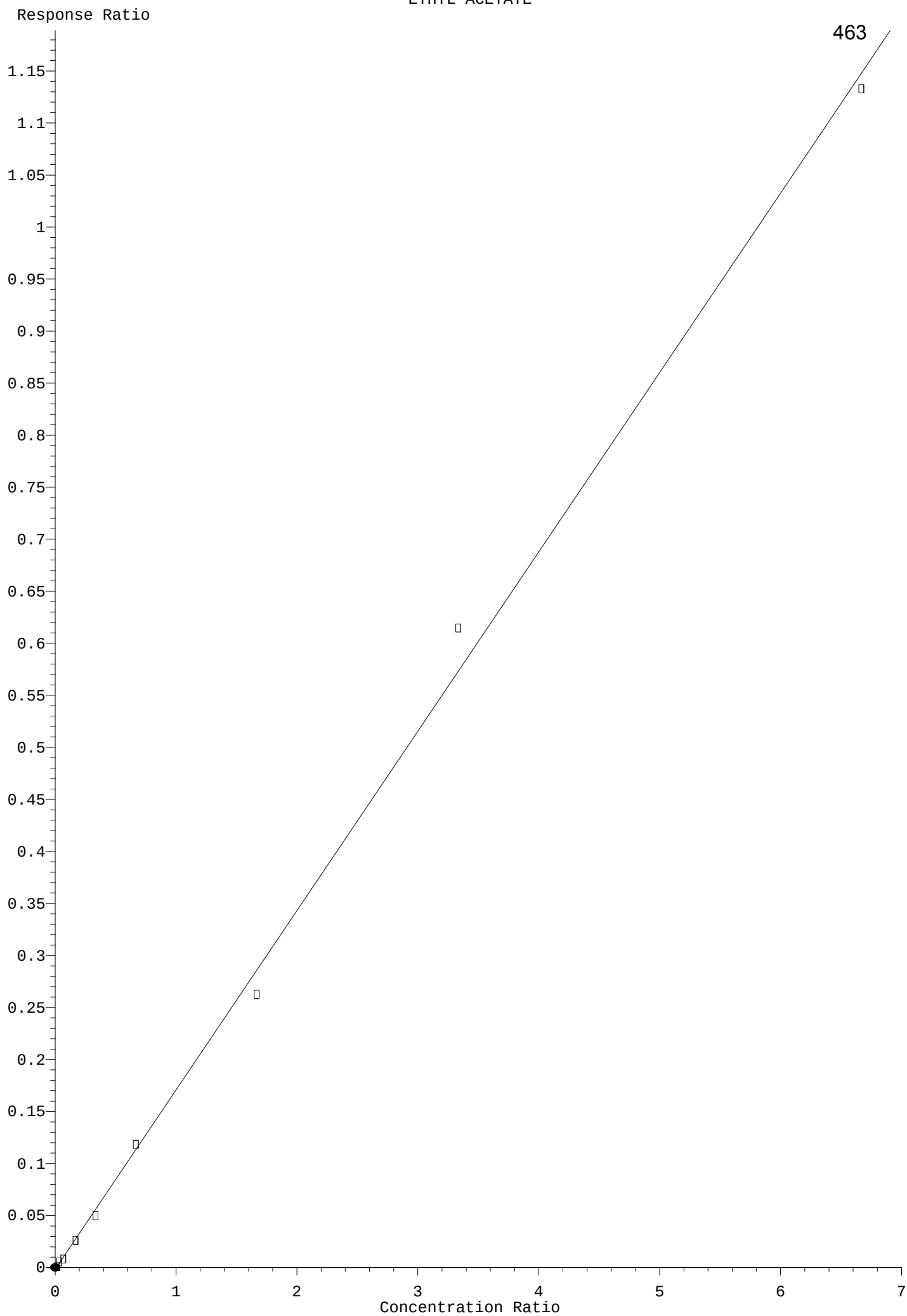


VINYL ACETATE

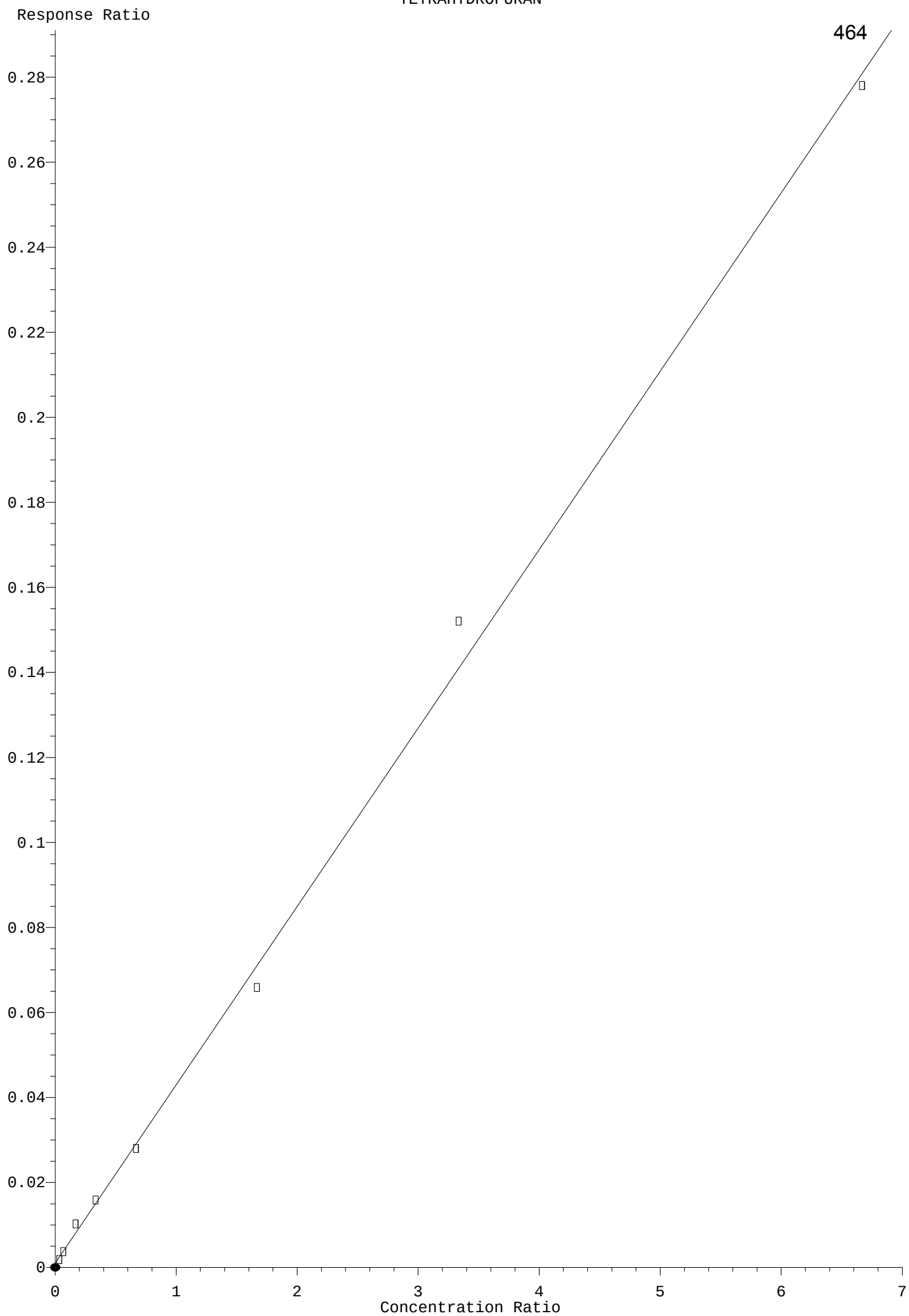
Response Ratio



ETHYL ACETATE



TETRAHYDROFURAN

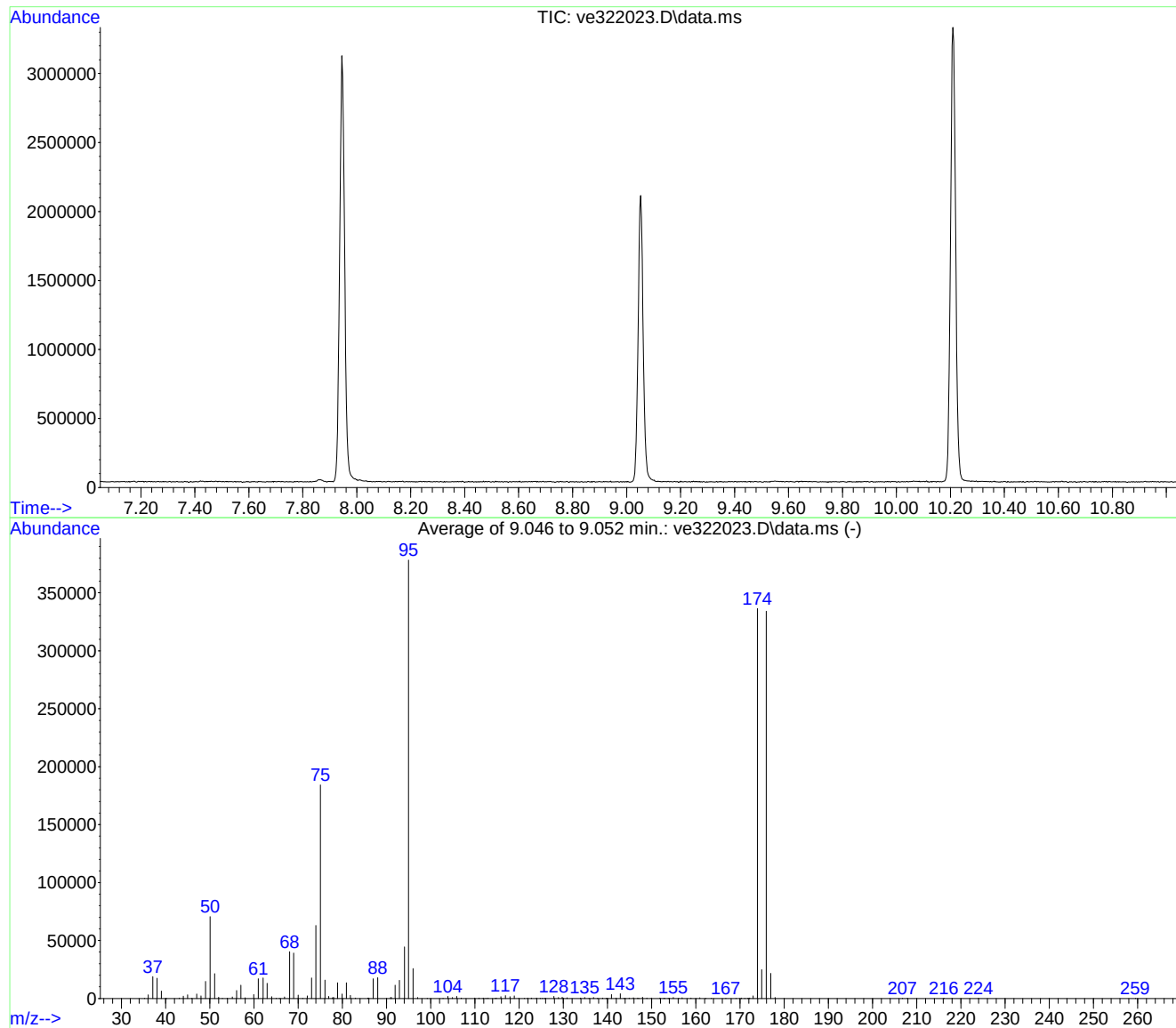


Data Path : C:\msdchem\1\DATA\111612\
Data File : ve322023.D
Acq On : 17 Nov 2012 9:54 am
Operator :
Sample : BLK
Misc : 1
ALS Vial : 23 Sample Multiplier: 1

465

Integration File: 8260B.P

Method : C:\msdchem\1\METHODS\E111712W.m
Title : 8260 WATER 5MLS VOAMS 5973 #5
Last Update : Fri Dec 21 14:08:20 2012



AutoFind: Scans 2926, 2927, 2928; Background Corrected with Scan 2913

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.6	70504	PASS
75	95	30	60	48.7	184299	PASS
95	95	100	100	100.0	378184	PASS
96	95	5	9	6.8	25854	PASS
173	174	0.00	2	0.7	2232	PASS
174	95	50	100	89.0	336512	PASS
175	174	5	9	7.4	24837	PASS
176	174	95	101	99.3	334080	PASS
177	176	5	9	6.5	21632	PASS

Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322024.D
 Acq On : 17 Nov 2012 10:20 am
 Operator :
 Sample : 8260STD 0.4PPB
 Misc : 1
 ALS Vial : 24 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 10:42:48 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Mon Nov 12 10:04:58 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.314	168	1024532	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.073	114	1472184	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.942	82	718517	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.209	152	722040	30.00	UG/L	0.00

System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	SS	4.230	65	423161	25.96	UG/L 0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.84%
48) TOLUENE SS		6.684	98	1431360	24.77	UG/L 0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.08%
70) 4-BROMOFLUOROBENZENE SS		9.049	95	524750	25.02	UG/L 0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.08%

Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE		0.957	85	5663m	0.53	UG/L
4) DIFLUOROCHLOROMETHANE		0.000		0	N.D.	
5) CHLOROMETHANE		1.035	50	8770m	0.77	UG/L
6) VINYL CHLORIDE		1.113	62	6214	0.47	UG/L # 29
7) BROMOMETHANE		1.294	94	2172	0.24	UG/L # 58
8) CHLOROETHANE		1.369	64	2644m	0.40	UG/L
9) Ethanol		1.835	45	1136	No Calib	#
10) FLUORODICHLOROMETHANE		1.403	67	10041	0.50	UG/L # 79
11) TRICHLOROFLUOROMETHANE		1.676	101	7696	0.52	UG/L 94
12) DI ETHYL ETHER		1.841	59	2669	0.35	UG/L # 61
13) ACROLEIN		1.676	56	2410	2.00	UG/L # 48
14) ACETONE		1.760	43	10674m	5.09	UG/L
15) 1,1-DICHLOROETHENE		2.000	61	6532m	0.43	UG/L
16) 1,1,2-TRICL-1,2,2-TRIF...		2.164	101	3867	0.41	UG/L 98
17) IODOMETHANE		2.005	142	38423	4.95	UG/L 95
18) ALLYL CHLORIDE		2.211	41	918	No Calib	#
19) METHYL ACETATE		2.198	43	2480	No Calib	#
20) T-BUTYL ALCOHOL		2.053	59	2265m	4.68	UG/L
21) ACRYLONITRILE		0.000		0	N.D. d	
22) METHYLENE CHLORIDE		2.114	49	10141	0.70	UG/L # 67
23) CARBON DISULFIDE		2.214	76	127505	3.75	UG/L 100
24) METHYL TERT-BUTYL ETHE...		2.792	73	6179m	0.31	UG/L
25) TRANS 1,2-DICHLOROETHENE		2.644	61	6446m	0.43	UG/L
26) 1,1-DICHLOROETHANE		2.878	63	6768m	0.36	UG/L
27) PROPIONITRILE		0.000		0	N.D.	
28) VINYL ACETATE		3.123	43	45832	2.85	UG/L 97
29) CHLOROPRENE		3.698	53	525	No Calib	#
30) DI ISOPROYL ETHER		3.438	45	9610m	0.34	UG/L
31) 2-BUTANONE		3.402	43	5120m	1.66	UG/L
32) METHACRYLONITRILE		3.726	41	2091	No Calib	#
33) T-BUTYL ETHYL ETHER		3.832	59	8893	0.38	UG/L # 73
34) CIS-1,2-DICHLOROETHENE		3.461	61	6501	0.42	UG/L # 70
35) 2,2-DICHLOROPROPANE		3.737	77	6763	0.54	UG/L 99
36) ETHYL ACETATE		3.812	43	787	0.12	UG/L # 5
37) BROMOCHLOROMETHANE		3.600	49	3800m	0.43	UG/L
38) TETRAHYDROFURAN		0.000		0	N.D. d	
39) CHLOROFORM		3.681	83	6871	0.36	UG/L # 68
40) ISOBUTANOL		4.069	43	972	No Calib	#
41) 1,1,1-TRICHLOROETHANE		4.381	97	7837	0.53	UG/L # 52
42) CYCLOHEXANE		4.629	56	7938m	0.48	UG/L
43) CARBON TETRACHLORIDE		4.718	117	6043	0.42	UG/L 86
44) 1,1-DICHLOROPROPENE		4.579	75	6124	0.42	UG/L # 86
45) BENZENE		4.771	78	17685	0.40	UG/L 100
46) T-AMYL METHYL ETHER		5.020	73	8168	0.41	UG/L 91
49) 1,2-DICHLOROETHANE		4.306	62	9550	0.82	UG/L # 1
50) METHYL METHACRYLATE		5.839	41	3299	0.58	UG/L # 66
51) TRICHLOROETHENE		5.388	95	6012m	0.56	UG/L
52) METHYLCYCLOHEXANE		5.839	83	6323	0.42	UG/L # 77

Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322024.D
 Acq On : 17 Nov 2012 10:20 am
 Operator :
 Sample : 8260STD 0.4PPB
 Misc : 1
 ALS Vial : 24 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 10:42:48 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Mon Nov 12 10:04:58 2012
 Response via : Initial Calibration

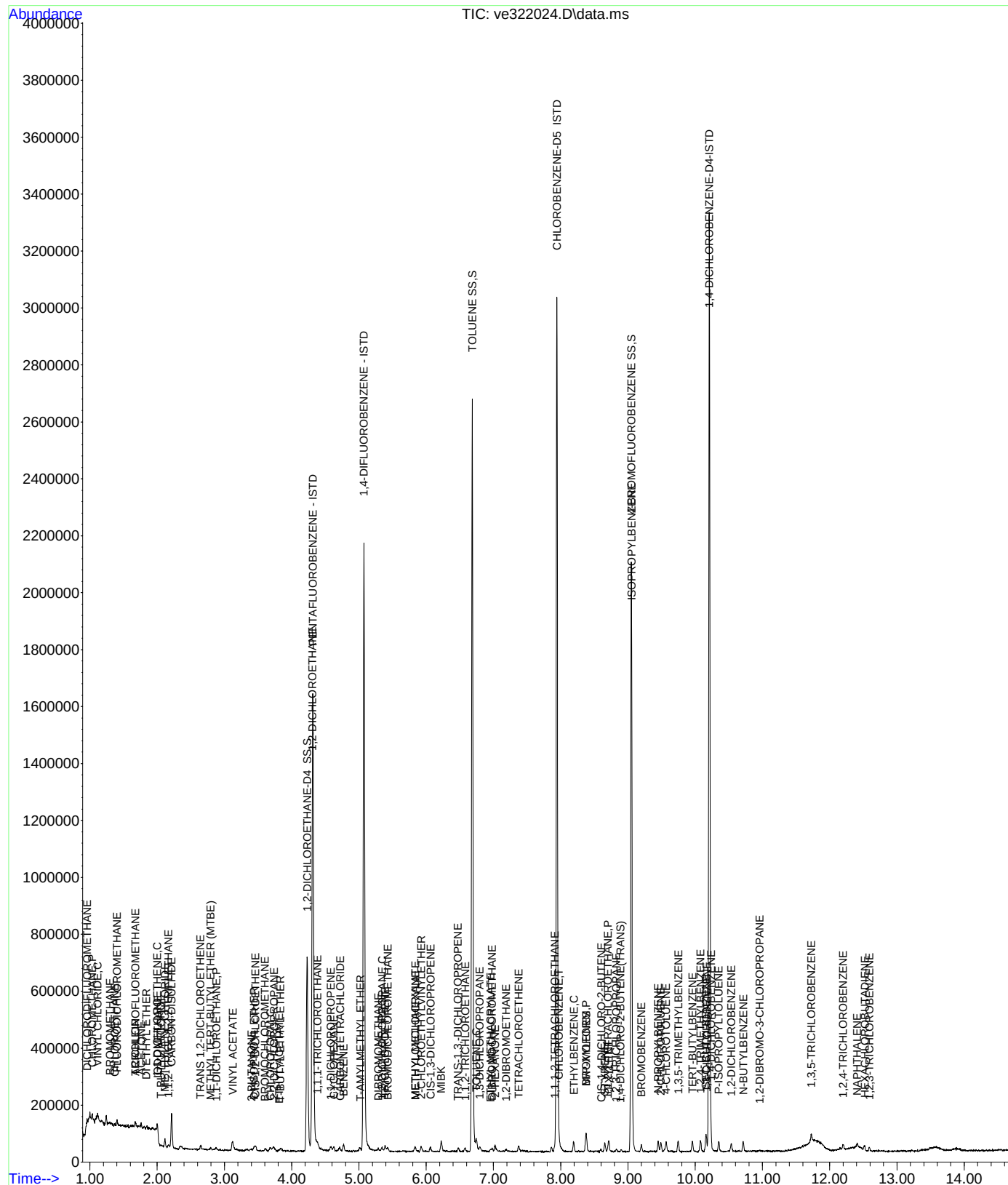
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 1,2-DICHLOROPROPANE	5.343	63	4726	0.43	UG/L #	95
54) DIBROMOMETHANE	5.287	93	2892m	0.46	UG/L	
55) 1,4-DIOXANE	0.000		0	N.D.		
56) BROMODICHLOROMETHANE	5.427	83	6302	0.43	UG/L #	97
57) 2-CHLOROETHYL VINYLETHER	5.923	63	7142	3.42	UG/L	96
58) MIBK	6.222	43	21013	3.13	UG/L #	95
59) CIS-1,3-DICHLOROPROPENE	6.063	75	6990	0.42	UG/L	91
60) TOLUENE	6.746	91	18728	0.43	UG/L	91
61) TRANS-1,3,-DICHLOROPRO...	6.473	75	5849	0.47	UG/L	90
62) ETHYL METHACRYLATE	6.955	69	3925	0.39	UG/L #	68
63) 1,1,2-TRICHLOROETHANE	6.581	97	3986m	0.45	UG/L	
64) 2-HEXANONE	7.025	43	12576	2.71	UG/L	96
65) TETRACHLOROETHENE	7.373	166	5153	0.45	UG/L	91
66) 1,3-DICHLOROPROPANE	6.793	76	5656	0.39	UG/L	96
67) DIBROMOCHLOROMETHANE	6.980	129	4819	0.42	UG/L	86
68) 1,2-DIBROMOETHANE	7.186	107	3653	0.40	UG/L #	98
71) CHLOROBENZENE	7.973	112	12503	0.43	UG/L #	53
72) 1,1,1,2-TETRACHLOROETHANE	7.909	131	4886	0.48	UG/L #	1
73) ETHYLBENZENE	8.196	91	20850	0.45	UG/L	96
74) M/P-XYLENES	8.380	91	33565	0.94	UG/L	98
75) O-XYLENE	8.715	91	17284	0.47	UG/L	98
76) STYRENE	8.656	104	12900	0.45	UG/L #	85
77) BROMOFORM	8.374	173	2710	0.35	UG/L #	96
78) ISOPROPYLBENZENE	9.055	105	23081	0.49	UG/L	99
79) CIS-1,4-DICHLORO-2-BUTENE	8.603	53	2417m	0.89	UG/L	
80) 1,1,2,2-TETRACHLOROETHANE	8.701	83	4321m	0.39	UG/L	
81) 1,4-DICHLORO-2-BUTENE(...	8.890	53	1485m	0.58	UG/L	
82) BROMOBENZENE	9.200	77	7666	0.44	UG/L	88
83) 1,2,3-TRICHLOROPROPANE	8.826	75	3372	0.44	UG/L	99
84) N-PROPYLBENZENE	9.448	91	25937	0.47	UG/L	95
85) 2-CHLOROTOLUENE	9.490	91	13289	0.42	UG/L	92
86) 1,3,5-TRIMETHYLBENZENE	9.749	105	16856	0.46	UG/L	94
87) 4-CHLOROTOLUENE	9.568	91	15410	0.47	UG/L	97
89) TERT-BUTYLBENZENE	9.958	119	15413	0.49	UG/L	91
90) 1,2,4-TRIMETHYLBENZENE	10.078	105	17319	0.49	UG/L	96
91) SEC-BUTYLBENZENE	10.156	105	21413	0.44	UG/L	98
92) 1,3-DICHLOROBENZENE	10.170	146	9606	0.43	UG/L #	87
93) P-ISOPROPYLTOLUENE	10.349	119	17771	0.49	UG/L #	91
94) 1,4-DICHLOROBENZENE	10.237	146	10050	0.46	UG/L #	78
95) N-BUTYLBENZENE	10.717	91	17093	0.47	UG/L	98
96) 1,2-DICHLOROBENZENE	10.536	146	8771	0.43	UG/L #	87
97) 1,2-DIBROMO-3-CHLOROPR...	10.957	75	894m	0.63	UG/L	
98) 1,3,5-TRICHLOROBENZENE	11.726	180	6140	0.43	UG/L	96
99) 1,2,4-TRICHLOROBENZENE	12.198	180	4443	0.39	UG/L	90
100) HEXACHLOROBUTADIENE	12.521	225	2802	0.43	UG/L #	77
101) NAPHTHALENE	12.410	128	8830m	0.42	UG/L	
102) 1,2,3-TRICHLOROBENZENE	12.591	180	3382	0.39	UG/L	90

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

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Inst : GCMSV0A5

Quant Time: Nov 18 10:42:48 2012
Quant Method : C:\msdchem\1\METHODS\E110512W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Mon Nov 12 10:04:58 2012
Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\111612\
Data File : ve322025.D
Acq On : 17 Nov 2012 10:46 am
Operator :
Sample : 8260STD 0.5PPB
Misc : 1
ALS Vial : 25 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 10:45:18 2012
Quant Method : C:\msdchem\1\METHODS\E110512W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Nov 06 06:46:52 2012
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.317	168	1003645	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.075	114	1461631	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.945	82	709179	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.209	152	733604	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.230	65	434804	27.23	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	108.92%	
48) TOLUENE SS	6.684	98	1406858	24.53	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	98.12%	
70) 4-BROMOFLUOROBENZENE SS	9.052	95	525093	25.36	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	101.44%	
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	0.957	85	4787	0.46	UG/L	92
4) DIFLUOROCHLOROMETHANE	0.000		0	N.D.		
5) CHLOROMETHANE	1.032	50	9463	0.84	UG/L	98
6) VINYL CHLORIDE	1.116	62	5046	0.39	UG/L #	71
7) BROMOMETHANE	1.297	94	2396	0.27	UG/L	89
8) CHLOROETHANE	1.372	64	2981m	0.46	UG/L	
9) Ethanol	1.843	45	2303	No Calib	#	
10) FLUORODICHLOROMETHANE	1.406	67	9004	0.46	UG/L #	88
11) TRICHLOROFLUOROMETHANE	1.673	101	7137	0.49	UG/L	99
12) DI ETHYL ETHER	1.846	59	4221	0.56	UG/L #	86
13) ACROLEIN	1.679	56	5071m	4.29	UG/L	
14) ACETONE	1.762	43	11147	5.43	UG/L #	85
15) 1,1-DICHLOROETHENE	2.002	61	5044	0.34	UG/L	95
16) 1,1,2-TRICL-1,2,2-TRIF...	2.167	101	3333	0.36	UG/L #	62
17) IODOMETHANE	2.002	142	38056	4.97	UG/L	94
18) ALLYL CHLORIDE	2.273	41	535	No Calib	#	
19) METHYL ACETATE	2.189	43	4749	No Calib	#	
20) T-BUTYL ALCOHOL	2.061	59	2292m	4.83	UG/L	
21) ACRYLONITRILE	2.069	53	1392	0.42	UG/L #	57
22) METHYLENE CHLORIDE	2.119	49	12867	0.90	UG/L #	66
23) CARBON DISULFIDE	2.214	76	107307	3.22	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.803	73	9973	0.51	UG/L #	58
25) TRANS 1,2-DICHLOROETHENE	2.649	61	4870	0.33	UG/L	89
26) 1,1-DICHLOROETHANE	2.870	63	6693	0.36	UG/L #	85
27) PROPIONITRILE	0.000		0	N.D.		
28) VINYL ACETATE	3.121	43	69394	4.16	UG/L #	94
29) CHLOROPRENE	0.000		0	N.D.		
30) DI ISOPROYL ETHER	3.447	45	9366	0.34	UG/L	95
31) 2-BUTANONE	3.394	43	10353	3.42	UG/L #	95
32) METHACRYLONITRILE	3.740	41	4435	No Calib		
33) T-BUTYL ETHYL ETHER	3.840	59	11363	0.50	UG/L #	77
34) CIS-1,2-DICHLOROETHENE	3.464	61	6457m	0.43	UG/L	
35) 2,2-DICHLOROPROPANE	3.740	77	5648	0.46	UG/L #	55
36) ETHYL ACETATE	3.809	43	773	0.12	UG/L	1
37) BROMOCHLOROMETHANE	3.611	49	4170	0.48	UG/L #	89
38) TETRAHYDROFURAN	0.000		0	N.D.	d	
39) CHLOROFORM	3.681	83	8274m	0.44	UG/L	
40) ISOBUTANOL	4.007	43	618	No Calib	#	
41) 1,1,1-TRICHLOROETHANE	4.381	97	6188	0.43	UG/L #	45
42) CYCLOHEXANE	4.624	56	7130m	0.44	UG/L	
43) CARBON TETRACHLORIDE	4.716	117	5329	0.38	UG/L	98
44) 1,1-DICHLOROPROPENE	4.582	75	5226	0.37	UG/L	94
45) BENZENE	4.771	78	16862	0.39	UG/L	100
46) T-AMYL METHYL ETHER	5.020	73	11693	0.60	UG/L	95
49) 1,2-DICHLOROETHANE	4.311	62	10700	0.93	UG/L #	1
50) METHYL METHACRYLATE	5.834	41	1825	0.32	UG/L #	63
51) TRICHLOROETHENE	5.388	95	4821m	0.45	UG/L	
52) METHYLCYCLOHEXANE	5.828	83	1627	0.11	UG/L #	1

Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322025.D
 Acq On : 17 Nov 2012 10:46 am
 Operator :
 Sample : 8260STD 0.5PPB
 Misc : 1
 ALS Vial : 25 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 10:45:18 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 1,2-DICHLOROPROPANE	5.346	63	5617m	0.51	UG/L	
54) DIBROMOMETHANE	5.290	93	4127m	0.66	UG/L	
55) 1,4-DIOXANE	0.000		0	N.D.		
56) BROMODICHLOROMETHANE	5.432	83	7685m	0.53	UG/L	
57) 2-CHLOROETHYL VINYLETHER	5.926	63	9034	4.36	UG/L	96
58) MIBK	6.224	43	34281	5.14	UG/L	99
59) CIS-1,3-DICHLOROPROPENE	6.060	75	8142m	0.49	UG/L	
60) TOLUENE	6.749	91	20062m	0.47	UG/L	
61) TRANS-1,3,-DICHLOROPRO...	6.478	75	7086m	0.57	UG/L	
62) ETHYL METHACRYLATE	6.949	69	5974	0.59	UG/L #	67
63) 1,1,2-TRICHLOROETHANE	6.581	97	4953m	0.56	UG/L	
64) 2-HEXANONE	7.022	43	22437	4.86	UG/L	88
65) TETRACHLOROETHENE	7.376	166	4094	0.36	UG/L #	79
66) 1,3-DICHLOROPROPANE	6.799	76	6371m	0.44	UG/L	
67) DIBROMOCHLOROMETHANE	6.986	129	5885	0.52	UG/L	100
68) 1,2-DIBROMOETHANE	7.192	107	4787	0.53	UG/L #	98
71) CHLOROBENZENE	7.970	112	12550	0.44	UG/L	90
72) 1,1,1,2-TETRACHLOROETHANE	7.909	131	5007	0.50	UG/L #	1
73) ETHYLBENZENE	8.193	91	18830	0.41	UG/L	100
74) M/P-XYLENES	8.377	91	30326	0.86	UG/L	100
75) O-XYLENE	8.717	91	14047	0.39	UG/L	94
76) STYRENE	8.656	104	12911	0.46	UG/L	91
77) BROMOFORM	8.377	173	3900	0.51	UG/L #	96
78) ISOPROPYLBENZENE	9.052	105	19689	0.43	UG/L	98
79) CIS-1,4-DICHLORO-2-BUTENE	8.597	53	2602m	0.97	UG/L	
80) 1,1,2,2-TETRACHLOROETHANE	8.703	83	6181	0.57	UG/L #	89
81) 1,4-DICHLORO-2-BUTENE(...	8.901	53	1940	0.76	UG/L #	83
82) BROMOBENZENE	9.197	77	7958	0.47	UG/L	93
83) 1,2,3-TRICHLOROPROPANE	8.829	75	4343	0.57	UG/L #	85
84) N-PROPYLBENZENE	9.454	91	22279	0.41	UG/L	98
85) 2-CHLOROTOLUENE	9.493	91	13981	0.45	UG/L	95
86) 1,3,5-TRIMETHYLBENZENE	9.749	105	16041	0.44	UG/L	99
87) 4-CHLOROTOLUENE	9.568	91	14852	0.46	UG/L	99
89) TERT-BUTYLBENZENE	9.961	119	13335	0.42	UG/L	93
90) 1,2,4-TRIMETHYLBENZENE	10.078	105	16271	0.46	UG/L	95
91) SEC-BUTYLBENZENE	10.156	105	19371	0.39	UG/L	97
92) 1,3-DICHLOROBENZENE	10.167	146	10769	0.47	UG/L	94
93) P-ISOPROPYLTOLUENE	10.352	119	15750	0.43	UG/L	96
94) 1,4-DICHLOROBENZENE	10.234	146	10443	0.47	UG/L #	31
95) N-BUTYLBENZENE	10.714	91	14539	0.39	UG/L	96
96) 1,2-DICHLOROBENZENE	10.533	146	10726	0.52	UG/L	94
97) 1,2-DIBROMO-3-CHLOROPR...	10.948	75	1618m	1.13	UG/L	
98) 1,3,5-TRICHLOROBENZENE	11.726	180	5985	0.41	UG/L	100
99) 1,2,4-TRICHLOROBENZENE	12.198	180	5844	0.50	UG/L	100
100) HEXACHLOROBUTADIENE	12.518	225	2426	0.37	UG/L	96
101) NAPHTHALENE	12.407	128	14749	0.69	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.591	180	5399	0.62	UG/L	88

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

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Inst : GCMSV0A5

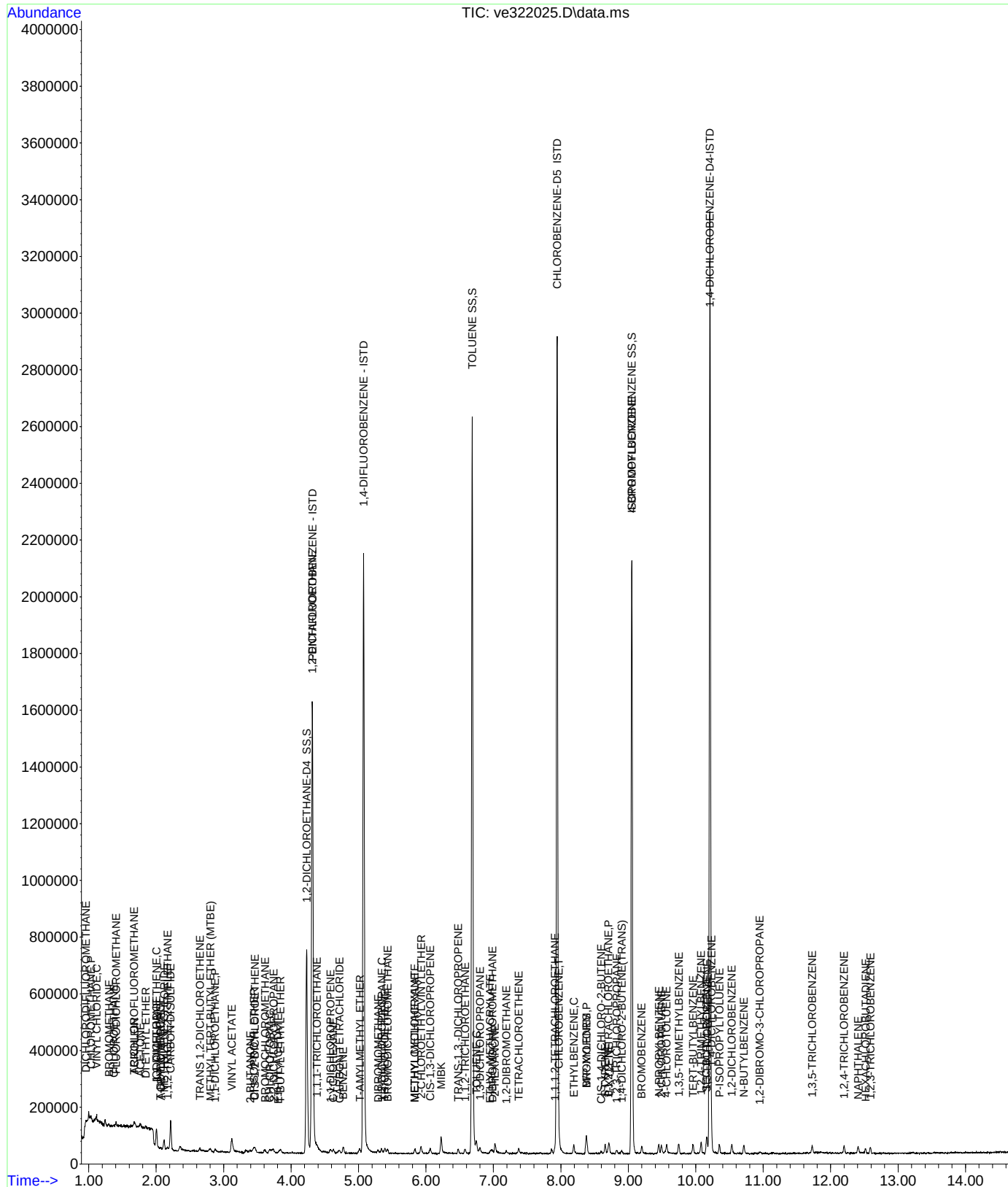
Quant Time: Nov 18 10:45:18 2012

Quant Method : C:\msdchem\1\METHODS\E110512W.m

Quant Title : 8260 WATER 5MLS VOAMS 5973 #5

QLast Update : Tue Nov 06 06:46:52 2012

Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322026.D
 Acq On : 17 Nov 2012 11:13 am
 Operator :
 Sample : 8260STD 1.0PPB
 Misc : 1
 ALS Vial : 26 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 10:54:39 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.311	168	993333	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.072	114	1474153	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.942	82	722465	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.209	152	733974	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.228	65	428035	27.09	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	108.36%	
48) TOLUENE SS	6.682	98	1430318	24.72	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	98.88%	
70) 4-BROMOFLUOROBENZENE SS	9.049	95	530994	25.17	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	100.68%	
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	0.956	85	16583	1.60	UG/L	98
4) DIFLUOROCHLOROMETHANE	0.000		0	N.D.		
5) CHLOROMETHANE	1.035	50	20900	1.88	UG/L	94
6) VINYL CHLORIDE	1.115	62	15970	1.24	UG/L #	77
7) BROMOMETHANE	1.297	94	7136	0.81	UG/L	99
8) CHLOROETHANE	1.369	64	7829	1.23	UG/L	91
9) Ethanol	1.838	45	5534	No Calib	#	
10) FLUORODICHLOROMETHANE	1.405	67	23372	1.20	UG/L #	86
11) TRICHLOROFLUOROMETHANE	1.673	101	22884	1.60	UG/L	96
12) DI ETHYL ETHER	1.840	59	8680	1.16	UG/L #	92
13) ACROLEIN	1.679	56	7115	6.08	UG/L	91
14) ACETONE	1.757	43	22024	10.84	UG/L #	83
15) 1,1-DICHLOROETHENE	1.999	61	15889	1.07	UG/L	96
16) 1,1,2-TRICL-1,2,2-TRIF...	2.170	101	10650	1.15	UG/L	93
17) IODOMETHANE	2.005	142	123687	9.50	UG/L	98
18) ALLYL CHLORIDE	2.167	41	546	No Calib	#	
19) METHYL ACETATE	2.192	43	6283	No Calib	#	
20) T-BUTYL ALCOHOL	2.066	59	3867m	8.23	UG/L	
21) ACRYLONITRILE	2.069	53	2238	0.68	UG/L	82
22) METHYLENE CHLORIDE	2.114	49	21031	1.49	UG/L #	85
23) CARBON DISULFIDE	2.214	76	336781	10.21	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.791	73	21435	1.12	UG/L #	68
25) TRANS 1,2-DICHLOROETHENE	2.644	61	15701	1.08	UG/L	92
26) 1,1-DICHLOROETHANE	2.878	63	18785	1.03	UG/L #	91
27) PROPIONITRILE	0.000		0	N.D.		
28) VINYL ACETATE	3.115	43	150836	8.61	UG/L	97
29) CHLOROPRENE	3.642	53	569	No Calib	#	
30) DI ISOPROYL ETHER	3.441	45	25274	0.92	UG/L #	84
31) 2-BUTANONE	3.383	43	21332	7.12	UG/L #	88
32) METHACRYLONITRILE	3.740	41	9031	No Calib	#	
33) T-BUTYL ETHYL ETHER	3.834	59	25819	1.15	UG/L #	90
34) CIS-1,2-DICHLOROETHENE	3.461	61	15063	1.02	UG/L #	84
35) 2,2-DICHLOROPROPANE	3.737	77	15485	1.28	UG/L #	90
36) ETHYL ACETATE	3.790	43	5317m	0.80	UG/L	
37) BROMOCHLOROMETHANE	3.606	49	8632	1.01	UG/L #	80
38) TETRAHYDROFURAN	4.010	42	1820m	0.91	UG/L	
39) CHLOROFORM	3.678	83	19095	1.03	UG/L	87
40) ISOBUTANOL	4.018	43	587	No Calib	#	
41) 1,1,1-TRICHLOROETHANE	4.378	97	18236	1.27	UG/L	95
42) CYCLOHEXANE	4.626	56	16706	1.04	UG/L #	70
43) CARBON TETRACHLORIDE	4.716	117	16530	1.20	UG/L	93
44) 1,1-DICHLOROPROPENE	4.584	75	15163	1.08	UG/L	99
45) BENZENE	4.769	78	42894	1.00	UG/L	100
46) T-AMYL METHYL ETHER	5.011	73	23845	1.23	UG/L #	84
49) 1,2-DICHLOROETHANE	4.308	62	17606	1.52	UG/L #	1
50) METHYL METHACRYLATE	5.825	41	7126	1.24	UG/L #	79
51) TRICHLOROETHENE	5.388	95	12267m	1.14	UG/L	
52) METHYLCYCLOHEXANE	5.834	83	17074	1.14	UG/L #	85

Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322026.D
 Acq On : 17 Nov 2012 11:13 am
 Operator :
 Sample : 8260STD 1.0PPB
 Misc : 1
 ALS Vial : 26 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 10:54:39 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 1,2-DICHLOROPROPANE	5.337	63	11556	1.04	UG/L #	95
54) DIBROMOMETHANE	5.284	93	7493	1.18	UG/L	81
55) 1,4-DIOXANE	0.000		0	N.D.		
56) BROMODICHLOROMETHANE	5.424	83	16288	1.12	UG/L	93
57) 2-CHLOROETHYL VINYLETHER	5.920	63	21990	10.51	UG/L	98
58) MIBK	6.221	43	67971	10.11	UG/L	95
59) CIS-1,3-DICHLOROPROPENE	6.057	75	17872	1.07	UG/L	97
60) TOLUENE	6.743	91	47889	1.10	UG/L	100
61) TRANS-1,3,-DICHLOROPRO...	6.475	75	14695	1.17	UG/L	90
62) ETHYL METHACRYLATE	6.955	69	11175	1.10	UG/L	90
63) 1,1,2-TRICHLOROETHANE	6.578	97	9886	1.10	UG/L	96
64) 2-HEXANONE	7.019	43	44954	9.66	UG/L	91
65) TETRACHLOROETHENE	7.373	166	13005	1.14	UG/L	95
66) 1,3-DICHLOROPROPANE	6.793	76	14584	1.00	UG/L	98
67) DIBROMOCHLOROMETHANE	6.983	129	11860	1.03	UG/L	99
68) 1,2-DIBROMOETHANE	7.192	107	9849	1.08	UG/L #	92
71) CHLOROBENZENE	7.967	112	31399	1.07	UG/L	98
72) 1,1,1,2-TETRACHLOROETHANE	7.909	131	9996	0.98	UG/L #	1
73) ETHYLBENZENE	8.187	91	52739	1.14	UG/L	98
74) M/P-XYLENES	8.374	91	84283	2.36	UG/L	97
75) O-XYLENE	8.714	91	43615	1.19	UG/L	96
76) STYRENE	8.653	104	32396	1.12	UG/L	100
77) BROMOFORM	8.371	173	7279	0.94	UG/L #	98
78) ISOPROPYLBENZENE	9.052	105	57651	1.22	UG/L	98
79) CIS-1,4-DICHLORO-2-BUTENE	8.592	53	3965m	1.45	UG/L	
80) 1,1,2,2-TETRACHLOROETHANE	8.700	83	11210	1.02	UG/L #	96
81) 1,4-DICHLORO-2-BUTENE(...	8.899	53	4244m	1.64	UG/L	
82) BROMOBENZENE	9.194	77	19057	1.09	UG/L	88
83) 1,2,3-TRICHLOROPROPANE	8.823	75	7601	0.98	UG/L #	64
84) N-PROPYLBENZENE	9.448	91	62869	1.14	UG/L	100
85) 2-CHLOROTOLUENE	9.487	91	34339	1.09	UG/L	100
86) 1,3,5-TRIMETHYLBENZENE	9.743	105	43016	1.16	UG/L	100
87) 4-CHLOROTOLUENE	9.568	91	38903	1.18	UG/L	95
89) TERT-BUTYLBENZENE	9.958	119	39307	1.23	UG/L	91
90) 1,2,4-TRIMETHYLBENZENE	10.078	105	43711	1.23	UG/L	97
91) SEC-BUTYLBENZENE	10.156	105	59087	1.19	UG/L	97
92) 1,3-DICHLOROBENZENE	10.165	146	25508	1.12	UG/L	96
93) P-ISOPROPYLTOLUENE	10.349	119	44197	1.21	UG/L	96
94) 1,4-DICHLOROBENZENE	10.231	146	25121	1.13	UG/L	93
95) N-BUTYLBENZENE	10.708	91	44156	1.19	UG/L	98
96) 1,2-DICHLOROBENZENE	10.533	146	24274	1.17	UG/L	98
97) 1,2-DIBROMO-3-CHLOROPR...	10.948	75	1990	1.39	UG/L	81
98) 1,3,5-TRICHLOROBENZENE	11.723	180	15448	1.06	UG/L	94
99) 1,2,4-TRICHLOROBENZENE	12.197	180	12840	1.10	UG/L	94
100) HEXACHLOROBUTADIENE	12.515	225	6854	1.03	UG/L #	77
101) NAPHTHALENE	12.407	128	26918	1.26	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.585	180	9535	1.09	UG/L	97

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

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Inst : GCMSV0A5

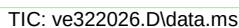
Quant Time: Nov 18 10:54:39 2012

Quant Method : C:\msdchem\1\METHODS\E110512W.m

Quant Title : 8260 WATER 5MLS VOAMS 5973 #5

QLast Update : Tue Nov 06 06:46:52 2012

Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322027.D
 Acq On : 17 Nov 2012 11:39 am
 Operator :
 Sample : 8260STD 2.0PPB
 Misc : 1
 ALS Vial : 27 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 10:55:53 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.314	168	998165	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.072	114	1451407	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.945	82	707557	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.209	152	725563	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.230	65	420260	26.46	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	105.84%	
48) TOLUENE SS	6.684	98	1402373	24.62	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	98.48%	
70) 4-BROMOFLUOROBENZENE SS	9.052	95	516851	25.02	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	100.08%	
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	0.954	85	31147	2.98	UG/L	100
4) DIFLUOROCHLOROMETHANE	0.000		0	N.D.		
5) CHLOROMETHANE	1.032	50	36576	3.28	UG/L	99
6) VINYL CHLORIDE	1.113	62	28395	2.19	UG/L #	88
7) BROMOMETHANE	1.294	94	10880	1.22	UG/L	95
8) CHLOROETHANE	1.366	64	12471	1.95	UG/L #	87
9) Ethanol	1.840	45	11711	No Calib	#	
10) FLUORODICHLOROMETHANE	1.403	67	40803	2.08	UG/L	90
11) TRICHLOROFLUOROMETHANE	1.673	101	42853	2.98	UG/L	98
12) DI ETHYL ETHER	1.840	59	14896	1.98	UG/L #	87
13) ACROLEIN	1.676	56	14491	12.32	UG/L	94
14) ACETONE	1.760	43	36945	18.09	UG/L	90
15) 1,1-DICHLOROETHENE	1.994	61	37335	2.49	UG/L	97
16) 1,1,2-TRICL-1,2,2-TRIF...	2.167	101	19344	2.08	UG/L	100
17) IODOMETHANE	2.002	142	250432	16.10	UG/L	97
18) ALLYL CHLORIDE	2.197	41	698	No Calib	#	
19) METHYL ACETATE	2.189	43	14569	No Calib	#	
20) T-BUTYL ALCOHOL	2.055	59	8647m	18.32	UG/L	
21) ACRYLONITRILE	2.064	53	4182	1.26	UG/L	90
22) METHYLENE CHLORIDE	2.114	49	29838	2.11	UG/L #	81
23) CARBON DISULFIDE	2.211	76	634871	19.15	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.797	73	42393	2.20	UG/L #	87
25) TRANS 1,2-DICHLOROETHENE	2.646	61	28472	1.95	UG/L #	89
26) 1,1-DICHLOROETHANE	2.872	63	36122	1.98	UG/L	93
27) PROPIONITRILE	3.226	54	666	No Calib	#	
28) VINYL ACETATE	3.118	43	287747	15.96	UG/L	97
29) CHLOROPRENE	4.102	53	600	No Calib	#	
30) DI ISOPROYL ETHER	3.441	45	46077	1.67	UG/L #	81
31) 2-BUTANONE	3.388	43	40805	13.55	UG/L #	84
32) METHACRYLONITRILE	3.737	41	16839	No Calib	#	
33) T-BUTYL ETHYL ETHER	3.837	59	49889	2.21	UG/L #	92
34) CIS-1,2-DICHLOROETHENE	3.461	61	29363	1.97	UG/L	92
35) 2,2-DICHLOROPROPANE	3.734	77	30297	2.50	UG/L #	90
36) ETHYL ACETATE	3.792	43	8135	1.22	UG/L #	88
37) BROMOCHLOROMETHANE	3.603	49	16241	1.90	UG/L #	85
38) TETRAHYDROFURAN	4.024	42	3730m	1.86	UG/L	
39) CHLOROFORM	3.681	83	35665	1.91	UG/L	98
40) ISOBUTANOL	3.968	43	730	No Calib	#	
41) 1,1,1-TRICHLOROETHANE	4.381	97	33198	2.30	UG/L #	88
42) CYCLOHEXANE	4.623	56	31770	1.96	UG/L #	82
43) CARBON TETRACHLORIDE	4.710	117	28830	2.08	UG/L	98
44) 1,1-DICHLOROPROPENE	4.582	75	29631	2.10	UG/L	93
45) BENZENE	4.771	78	81370	1.88	UG/L	100
46) T-AMYL METHYL ETHER	5.014	73	44041	2.26	UG/L #	91
49) 1,2-DICHLOROETHANE	4.306	62	31023	2.72	UG/L #	1
50) METHYL METHACRYLATE	5.831	41	16056	2.84	UG/L #	65
51) TRICHLOROETHENE	5.390	95	23449	2.22	UG/L	96
52) METHYLCYCLOHEXANE	5.834	83	32770	2.22	UG/L	89

Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322027.D
 Acq On : 17 Nov 2012 11:39 am
 Operator :
 Sample : 8260STD 2.0PPB
 Misc : 1
 ALS Vial : 27 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 10:55:53 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 1,2-DICHLOROPROPANE	5.337	63	19893	1.83	UG/L #	93
54) DIBROMOMETHANE	5.287	93	12083	1.93	UG/L	91
55) 1,4-DIOXANE	5.605	88	858m	13.15	UG/L	
56) BROMODICHLOROMETHANE	5.427	83	28620	1.99	UG/L #	92
57) 2-CHLOROETHYL VINYLETHER	5.923	63	40889	19.85	UG/L	90
58) MIBK	6.221	43	137480	20.76	UG/L	96
59) CIS-1,3-DICHLOROPROPENE	6.062	75	31918	1.95	UG/L	99
60) TOLUENE	6.748	91	86978	2.04	UG/L	99
61) TRANS-1,3,-DICHLOROPRO...	6.475	75	27348	2.21	UG/L	94
62) ETHYL METHACRYLATE	6.952	69	22076	2.21	UG/L #	83
63) 1,1,2-TRICHLOROETHANE	6.576	97	17501	1.99	UG/L	95
64) 2-HEXANONE	7.019	43	89807	19.60	UG/L	96
65) TETRACHLOROETHENE	7.373	166	24825	2.20	UG/L	95
66) 1,3-DICHLOROPROPANE	6.796	76	28308	1.96	UG/L	96
67) DIBROMOCHLOROMETHANE	6.985	129	22649	2.00	UG/L	97
68) 1,2-DIBROMOETHANE	7.189	107	18751	2.09	UG/L #	97
71) CHLOROBENZENE	7.970	112	60316	2.11	UG/L	98
72) 1,1,1,2-TETRACHLOROETHANE	7.911	131	19676	1.98	UG/L #	1
73) ETHYLBENZENE	8.190	91	102043	2.24	UG/L	95
74) M/P-XYLENES	8.380	91	158323	4.52	UG/L	98
75) O-XYLENE	8.714	91	80509	2.24	UG/L	99
76) STYRENE	8.656	104	60317	2.14	UG/L	99
77) BROMOFORM	8.377	173	14363	1.89	UG/L #	98
78) ISOPROPYLBENZENE	9.052	105	106797	2.31	UG/L	96
79) CIS-1,4-DICHLORO-2-BUTENE	8.597	53	6100	2.28	UG/L #	77
80) 1,1,2,2-TETRACHLOROETHANE	8.700	83	22377	2.07	UG/L	98
81) 1,4-DICHLORO-2-BUTENE(...	8.898	53	7082	2.79	UG/L	96
82) BROMOBENZENE	9.197	77	35248	2.07	UG/L	95
83) 1,2,3-TRICHLOROPROPANE	8.826	75	16401	2.15	UG/L #	61
84) N-PROPYLBENZENE	9.451	91	125163	2.32	UG/L	95
85) 2-CHLOROTOLUENE	9.490	91	66092	2.14	UG/L	98
86) 1,3,5-TRIMETHYLBENZENE	9.746	105	84488	2.34	UG/L	98
87) 4-CHLOROTOLUENE	9.568	91	71349	2.22	UG/L	95
89) TERT-BUTYLBENZENE	9.958	119	74342	2.35	UG/L	94
90) 1,2,4-TRIMETHYLBENZENE	10.078	105	83942	2.38	UG/L	98
91) SEC-BUTYLBENZENE	10.159	105	114563	2.33	UG/L	95
92) 1,3-DICHLOROBENZENE	10.170	146	48085	2.14	UG/L	96
93) P-ISOPROPYLTOLUENE	10.351	119	85316	2.36	UG/L	95
94) 1,4-DICHLOROBENZENE	10.234	146	46127	2.09	UG/L #	82
95) N-BUTYLBENZENE	10.714	91	85820	2.34	UG/L	95
96) 1,2-DICHLOROBENZENE	10.533	146	44415	2.16	UG/L	95
97) 1,2-DIBROMO-3-CHLOROPR...	10.951	75	3725	2.63	UG/L #	73
98) 1,3,5-TRICHLOROBENZENE	11.726	180	30873	2.14	UG/L	94
99) 1,2,4-TRICHLOROBENZENE	12.200	180	24524	2.12	UG/L	95
100) HEXACHLOROBUTADIENE	12.518	225	14060	2.14	UG/L	100
101) NAPHTHALENE	12.409	128	51684	2.46	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.588	180	18712	2.17	UG/L	97

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

477

Inst : GCMSV0A5

[illegible]

Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322028.D
 Acq On : 17 Nov 2012 12:05 pm
 Operator :
 Sample : 8260STD 5.0PPB
 Misc : 1
 ALS Vial : 28 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 10:57:24 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.311	168	996668	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.072	114	1461299	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.939	82	711145	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.206	152	734762	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.228	65	433538	27.34	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	109.36%	
48) TOLUENE SS	6.682	98	1441384	25.13	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	100.52%	
70) 4-BROMOFLUOROBENZENE SS	9.046	95	526775	25.37	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	101.48%	
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	0.956	85	72615	6.96	UG/L	98
4) DIFLUOROCHLOROMETHANE	0.000		0	N.D.		
5) CHLOROMETHANE	1.032	50	79881	7.16	UG/L	98
6) VINYL CHLORIDE	1.115	62	69043	5.33	UG/L	94
7) BROMOMETHANE	1.294	94	25033	2.82	UG/L	93
8) CHLOROETHANE	1.372	64	27778	4.34	UG/L #	81
9) Ethanol	1.840	45	27341	No Calib	#	
10) FLUORODICHLOROMETHANE	1.403	67	104906	5.35	UG/L	93
11) TRICHLOROFLUOROMETHANE	1.673	101	98998	6.89	UG/L	99
12) DI ETHYL ETHER	1.840	59	35945	4.78	UG/L #	89
13) ACROLEIN	1.676	56	33437	28.47	UG/L	92
14) ACETONE	1.760	43	102084	50.05	UG/L #	87
15) 1,1-DICHLOROETHENE	1.999	61	74630	4.99	UG/L	97
16) 1,1,2-TRICL-1,2,2-TRIF...	2.167	101	44765	4.82	UG/L	96
17) IODOMETHANE	2.002	142	605247	34.72	UG/L	98
18) ALLYL CHLORIDE	2.220	41	546	No Calib	#	
19) METHYL ACETATE	2.186	43	35468	No Calib	#	
20) T-BUTYL ALCOHOL	2.061	59	21574m	45.78	UG/L	
21) ACRYLONITRILE	2.066	53	11714	3.53	UG/L	99
22) METHYLENE CHLORIDE	2.114	49	68662	4.85	UG/L #	78
23) CARBON DISULFIDE	2.211	76	1486902	44.91	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.794	73	107587	5.59	UG/L #	85
25) TRANS 1,2-DICHLOROETHENE	2.646	61	68121	4.67	UG/L	92
26) 1,1-DICHLOROETHANE	2.878	63	82259	4.51	UG/L	95
27) PROPIONITRILE	0.000		0	N.D.		
28) VINYL ACETATE	3.112	43	787396	42.96	UG/L	97
29) CHLOROPRENE	0.000		0	N.D.		
30) DI ISOPROYL ETHER	3.441	45	117359	4.27	UG/L #	85
31) 2-BUTANONE	3.374	43	115254	38.32	UG/L #	85
32) METHACRYLONITRILE	3.737	41	37721	No Calib	#	
33) T-BUTYL ETHYL ETHER	3.837	59	126856	5.62	UG/L #	91
34) CIS-1,2-DICHLOROETHENE	3.461	61	68338	4.59	UG/L	89
35) 2,2-DICHLOROPROPANE	3.734	77	73149	6.04	UG/L	98
36) ETHYL ACETATE	3.784	43	25819	3.88	UG/L #	92
37) BROMOCHLOROMETHANE	3.608	49	40002	4.68	UG/L #	82
38) TETRAHYDROFURAN	4.002	42	10218m	5.10	UG/L	
39) CHLOROFORM	3.678	83	88173	4.73	UG/L	97
40) ISOBUTANOL	3.991	43	727	No Calib	#	
41) 1,1,1-TRICHLOROETHANE	4.378	97	79771	5.54	UG/L	92
42) CYCLOHEXANE	4.624	56	73086	4.51	UG/L #	78
43) CARBON TETRACHLORIDE	4.713	117	71913	5.19	UG/L	95
44) 1,1-DICHLOROPROPENE	4.579	75	67861	4.81	UG/L	96
45) BENZENE	4.771	78	189216	4.39	UG/L	100
46) T-AMYL METHYL ETHER	5.008	73	112733	5.80	UG/L #	92
49) 1,2-DICHLOROETHANE	4.303	62	67274	5.85	UG/L #	26
50) METHYL METHACRYLATE	5.834	41	33027	5.80	UG/L #	70
51) TRICHLOROETHENE	5.388	95	51952	4.88	UG/L	98
52) METHYLCYCLOHEXANE	5.834	83	76205	5.13	UG/L #	85

Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322028.D
 Acq On : 17 Nov 2012 12:05 pm
 Operator :
 Sample : 8260STD 5.0PPB
 Misc : 1
 ALS Vial : 28 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 10:57:24 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

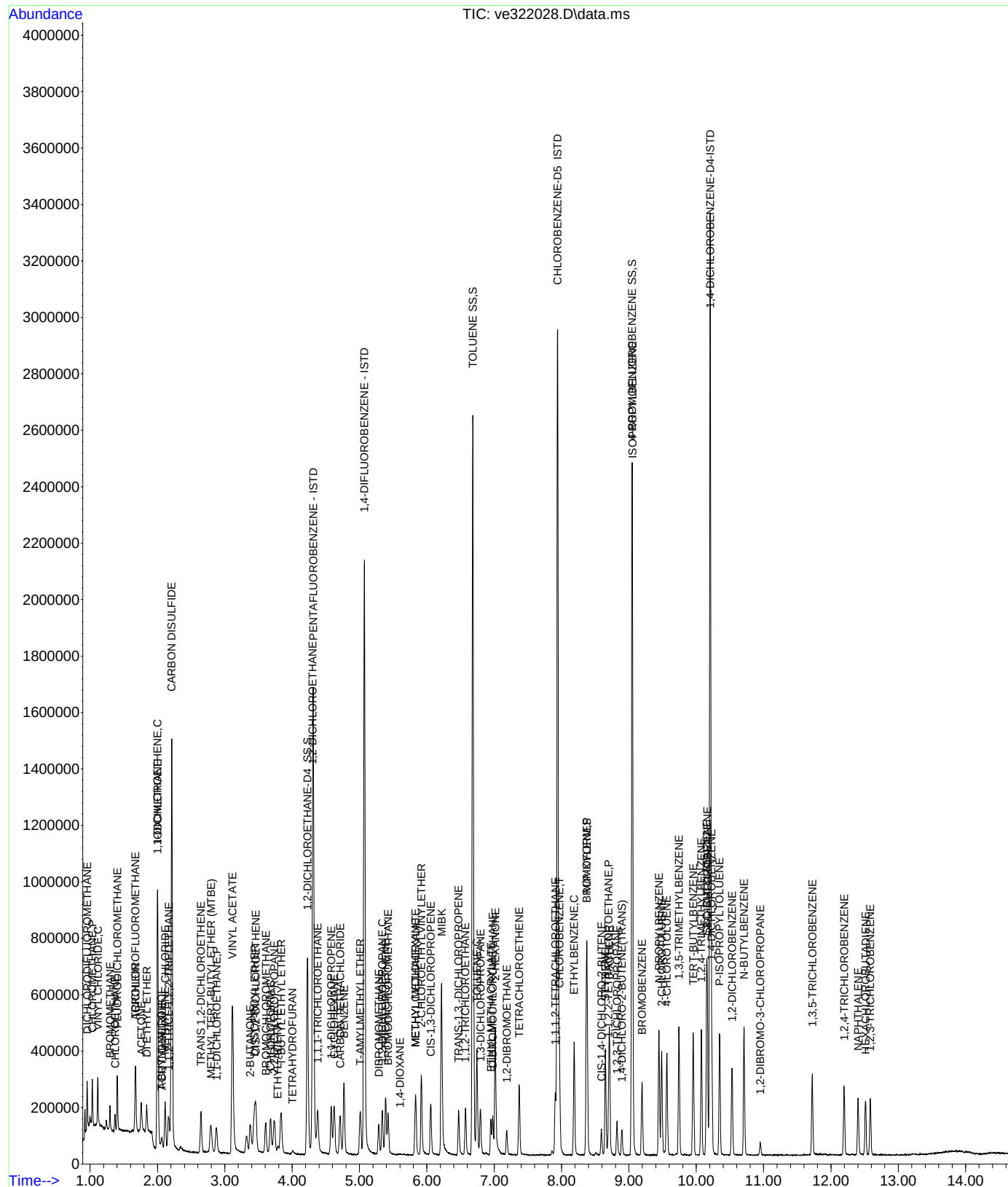
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 1,2-DICHLOROPROPANE	5.337	63	48338	4.41	UG/L #	92
54) DIBROMOMETHANE	5.284	93	33132	5.26	UG/L	87
55) 1,4-DIOXANE	5.602	88	4970m	75.66	UG/L	
56) BROMODICHLOROMETHANE	5.424	83	73437	5.08	UG/L	98
57) 2-CHLOROETHYL VINYLETHER	5.917	63	104687	50.49	UG/L	93
58) MIBK	6.219	43	354988	53.25	UG/L	97
59) CIS-1,3-DICHLOROPROPENE	6.057	75	84045	5.10	UG/L	97
60) TOLUENE	6.743	91	208795	4.86	UG/L	100
61) TRANS-1,3,-DICHLOROPRO...	6.472	75	69568	5.58	UG/L	98
62) ETHYL METHACRYLATE	6.952	69	53876	5.36	UG/L	89
63) 1,1,2-TRICHLOROETHANE	6.573	97	44371	5.00	UG/L	98
64) 2-HEXANONE	7.016	43	252315	54.71	UG/L	91
65) TETRACHLOROETHENE	7.370	166	58050	5.12	UG/L	95
66) 1,3-DICHLOROPROPANE	6.796	76	71084	4.90	UG/L	99
67) DIBROMOCHLOROMETHANE	6.977	129	55996	4.92	UG/L	100
68) 1,2-DIBROMOETHANE	7.186	107	46868	5.18	UG/L #	99
71) CHLOROBENZENE	7.967	112	147187	5.11	UG/L	94
72) 1,1,1,2-TETRACHLOROETHANE	7.906	131	50421	5.04	UG/L	91
73) ETHYLBENZENE	8.187	91	239888	5.25	UG/L	96
74) M/P-XYLENES	8.374	91	385361	10.95	UG/L	98
75) O-XYLENE	8.712	91	194056	5.38	UG/L	96
76) STYRENE	8.650	104	149084	5.26	UG/L	98
77) BROMOFORM	8.371	173	35541	4.65	UG/L #	97
78) ISOPROPYLBENZENE	9.052	105	249745	5.38	UG/L	97
79) CIS-1,4-DICHLORO-2-BUTENE	8.592	53	15372	5.72	UG/L #	76
80) 1,1,2,2-TETRACHLOROETHANE	8.698	83	56916	5.25	UG/L	99
81) 1,4-DICHLORO-2-BUTENE(...	8.896	53	16025	6.28	UG/L	87
82) BROMOBENZENE	9.194	77	84884	4.95	UG/L	95
83) 1,2,3-TRICHLOROPROPANE	8.826	75	40862	5.33	UG/L	95
84) N-PROPYLBENZENE	9.445	91	286258	5.29	UG/L	97
85) 2-CHLOROTOLUENE	9.484	91	164512	5.30	UG/L	98
86) 1,3,5-TRIMETHYLBENZENE	9.743	105	207637	5.71	UG/L	96
87) 4-CHLOROTOLUENE	9.562	91	167024	5.16	UG/L	96
89) TERT-BUTYLBENZENE	9.955	119	177129	5.54	UG/L	94
90) 1,2,4-TRIMETHYLBENZENE	10.075	105	202197	5.67	UG/L	97
91) SEC-BUTYLBENZENE	10.153	105	270998	5.45	UG/L	97
92) 1,3-DICHLOROBENZENE	10.165	146	119790	5.27	UG/L	97
93) P-ISOPROPYLTOLUENE	10.346	119	208091	5.69	UG/L	98
94) 1,4-DICHLOROBENZENE	10.229	146	114501	5.13	UG/L #	94
95) N-BUTYLBENZENE	10.708	91	212204	5.72	UG/L	95
96) 1,2-DICHLOROBENZENE	10.533	146	110647	5.32	UG/L	98
97) 1,2-DIBROMO-3-CHLOROPR...	10.951	75	9034	6.29	UG/L	81
98) 1,3,5-TRICHLOROBENZENE	11.723	180	74704	5.11	UG/L	96
99) 1,2,4-TRICHLOROBENZENE	12.197	180	60969	5.22	UG/L	100
100) HEXACHLOROBUTADIENE	12.515	225	31121	4.68	UG/L	96
101) NAPHTHALENE	12.401	128	134025	6.29	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.585	180	49709	5.70	UG/L	95

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

480

Inst : GCMSV0A5

Quant Time: Nov 18 10:57:24 2012
Quant Method : C:\msdchem\1\METHODS\E110512W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Nov 06 06:46:52 2012
Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322029.D
 Acq On : 17 Nov 2012 12:31 pm
 Operator :
 Sample : 8260STD 10PPB
 Misc : 1
 ALS Vial : 29 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 10:58:34 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.314	168	990636	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.075	114	1450457	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.942	82	708757	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.212	152	734780	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.230	65	421956	26.77	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	107.08%	
48) TOLUENE SS	6.684	98	1429538	25.11	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	100.44%	
70) 4-BROMOFLUOROBENZENE SS	9.049	95	520713	25.16	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	100.64%	
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	0.956	85	143013	13.80	UG/L	99
4) DIFLUOROCHLOROMETHANE	0.000		0	N.D.		
5) CHLOROMETHANE	1.035	50	157210	14.18	UG/L	100
6) VINYL CHLORIDE	1.115	62	143342	11.13	UG/L	94
7) BROMOMETHANE	1.297	94	51986	5.89	UG/L	94
8) CHLOROETHANE	1.372	64	62799	9.87	UG/L #	87
9) Ethanol	1.840	45	48768	No Calib	#	
10) FLUORODICHLOROMETHANE	1.405	67	218981	11.24	UG/L	94
11) TRICHLOROFLUOROMETHANE	1.673	101	204470	14.32	UG/L	98
12) DI ETHYL ETHER	1.843	59	68714	9.20	UG/L #	87
13) ACROLEIN	1.679	56	66294	56.79	UG/L	97
14) ACETONE	1.760	43	185290	91.40	UG/L	89
15) 1,1-DICHLOROETHENE	1.999	61	152042	10.24	UG/L	98
16) 1,1,2-TRICL-1,2,2-TRIF...	2.167	101	91357	9.91	UG/L	97
17) IODOMETHANE	2.005	142	1480169	81.06	UG/L	98
18) ALLYL CHLORIDE	2.248	41	671	No Calib	#	
19) METHYL ACETATE	2.189	43	67777	No Calib	#	
20) T-BUTYL ALCOHOL	2.061	59	34759	74.20	UG/L #	76
21) ACRYLONITRILE	2.069	53	21133	6.41	UG/L	98
22) METHYLENE CHLORIDE	2.116	49	132661	9.44	UG/L #	76
23) CARBON DISULFIDE	2.214	76	3101919	94.26	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.791	73	198316	10.37	UG/L #	88
25) TRANS 1,2-DICHLOROETHENE	2.646	61	140663	9.71	UG/L	92
26) 1,1-DICHLOROETHANE	2.878	63	172781	9.53	UG/L	95
27) PROPIONITRILE	0.000		0	N.D.		
28) VINYL ACETATE	3.115	43	1428163	78.04	UG/L	97
29) CHLOROPRENE	3.837	53	1202	No Calib	#	
30) DI ISOPROYL ETHER	3.441	45	235744	8.63	UG/L #	88
31) 2-BUTANONE	3.377	43	211496	70.75	UG/L #	88
32) METHACRYLONITRILE	3.737	41	81063	No Calib	#	
33) T-BUTYL ETHYL ETHER	3.837	59	235423	10.48	UG/L #	91
34) CIS-1,2-DICHLOROETHENE	3.466	61	142445	9.63	UG/L	89
35) 2,2-DICHLOROPROPANE	3.737	77	147424	12.24	UG/L	98
36) ETHYL ACETATE	3.784	43	49218	7.44	UG/L	96
37) BROMOCHLOROMETHANE	3.608	49	80537	9.48	UG/L #	84
38) TETRAHYDROFURAN	4.007	42	15694m	7.88	UG/L	
39) CHLOROFORM	3.678	83	184033	9.92	UG/L	97
40) ISOBUTANOL	4.010	43	2402	No Calib	#	
41) 1,1,1-TRICHLOROETHANE	4.381	97	166228	11.62	UG/L	96
42) CYCLOHEXANE	4.626	56	148171	9.20	UG/L #	75
43) CARBON TETRACHLORIDE	4.713	117	146499	10.65	UG/L	94
44) 1,1-DICHLOROPROPENE	4.582	75	142072	10.13	UG/L	97
45) BENZENE	4.771	78	392984	9.17	UG/L	100
46) T-AMYL METHYL ETHER	5.014	73	211422	10.95	UG/L #	92
49) 1,2-DICHLOROETHANE	4.306	62	129735	11.37	UG/L #	80
50) METHYL METHACRYLATE	5.837	41	67067	11.87	UG/L #	70
51) TRICHLOROETHENE	5.390	95	109103	10.33	UG/L	97
52) METHYLCYCLOHEXANE	5.837	83	157834	10.71	UG/L #	86

Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322029.D
 Acq On : 17 Nov 2012 12:31 pm
 Operator :
 Sample : 8260STD 10PPB
 Misc : 1
 ALS Vial : 29 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 10:58:34 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 1,2-DICHLOROPROPANE	5.340	63	100188	9.20	UG/L	# 93
54) DIBROMOMETHANE	5.287	93	61918	9.91	UG/L	89
55) 1,4-DIOXANE	5.591	88	6705m	102.83	UG/L	
56) BROMODICHLOROMETHANE	5.427	83	146995	10.24	UG/L	97
57) 2-CHLOROETHYL VINYLETHER	5.920	63	193445	93.99	UG/L	93
58) MIBK	6.219	43	592302	89.52	UG/L	96
59) CIS-1,3-DICHLOROPROPENE	6.060	75	164608	10.05	UG/L	97
60) TOLUENE	6.746	91	433574	10.16	UG/L	100
61) TRANS-1,3,-DICHLOROPRO...	6.472	75	133705	10.80	UG/L	95
62) ETHYL METHACRYLATE	6.949	69	93437	9.37	UG/L	89
63) 1,1,2-TRICHLOROETHANE	6.576	97	83321	9.46	UG/L	99
64) 2-HEXANONE	7.016	43	400098	87.40	UG/L	92
65) TETRACHLOROETHENE	7.373	166	122101	10.85	UG/L	96
66) 1,3-DICHLOROPROPANE	6.796	76	134811	9.36	UG/L	99
67) DIBROMOCHLOROMETHANE	6.983	129	110020	9.73	UG/L	98
68) 1,2-DIBROMOETHANE	7.186	107	88469	9.86	UG/L	97
71) CHLOROBENZENE	7.970	112	297268	10.36	UG/L	97
72) 1,1,1,2-TETRACHLOROETHANE	7.908	131	102743	10.31	UG/L	96
73) ETHYLBENZENE	8.190	91	503019	11.04	UG/L	95
74) M/P-XYLENES	8.377	91	790273	22.54	UG/L	97
75) O-XYLENE	8.714	91	406493	11.30	UG/L	95
76) STYRENE	8.653	104	303532	10.74	UG/L	98
77) BROMOFORM	8.374	173	66167	8.68	UG/L	# 99
78) ISOPROPYLBENZENE	9.052	105	518998	11.22	UG/L	96
79) CIS-1,4-DICHLORO-2-BUTENE	8.592	53	26315	9.82	UG/L	# 77
80) 1,1,2,2-TETRACHLOROETHANE	8.700	83	95425	8.83	UG/L	100
81) 1,4-DICHLORO-2-BUTENE(...	8.898	53	24523	9.65	UG/L	# 78
82) BROMOBENZENE	9.197	77	172569	10.10	UG/L	94
83) 1,2,3-TRICHLOROPROPANE	8.826	75	69402	9.08	UG/L	94
84) N-PROPYLBENZENE	9.448	91	606084	11.23	UG/L	96
85) 2-CHLOROTOLUENE	9.490	91	333362	10.77	UG/L	99
86) 1,3,5-TRIMETHYLBENZENE	9.746	105	419021	11.56	UG/L	97
87) 4-CHLOROTOLUENE	9.565	91	352811	10.94	UG/L	95
89) TERT-BUTYLBENZENE	9.958	119	364958	11.41	UG/L	95
90) 1,2,4-TRIMETHYLBENZENE	10.078	105	416404	11.68	UG/L	97
91) SEC-BUTYLBENZENE	10.156	105	572226	11.51	UG/L	96
92) 1,3-DICHLOROBENZENE	10.165	146	244231	10.74	UG/L	97
93) P-ISOPROPYLTOLUENE	10.351	119	432719	11.84	UG/L	99
94) 1,4-DICHLOROBENZENE	10.234	146	235516	10.55	UG/L	97
95) N-BUTYLBENZENE	10.711	91	428589	11.54	UG/L	96
96) 1,2-DICHLOROBENZENE	10.535	146	218913	10.53	UG/L	97
97) 1,2-DIBROMO-3-CHLOROPR...	10.951	75	13541	9.43	UG/L	87
98) 1,3,5-TRICHLOROBENZENE	11.723	180	145914	9.97	UG/L	96
99) 1,2,4-TRICHLOROBENZENE	12.197	180	115405	9.87	UG/L	95
100) HEXACHLOROBUTADIENE	12.515	225	64407	9.69	UG/L	97
101) NAPHTHALENE	12.404	128	211682	9.93	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.588	180	83035	9.52	UG/L	96

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

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Inst : GCMSV0A5

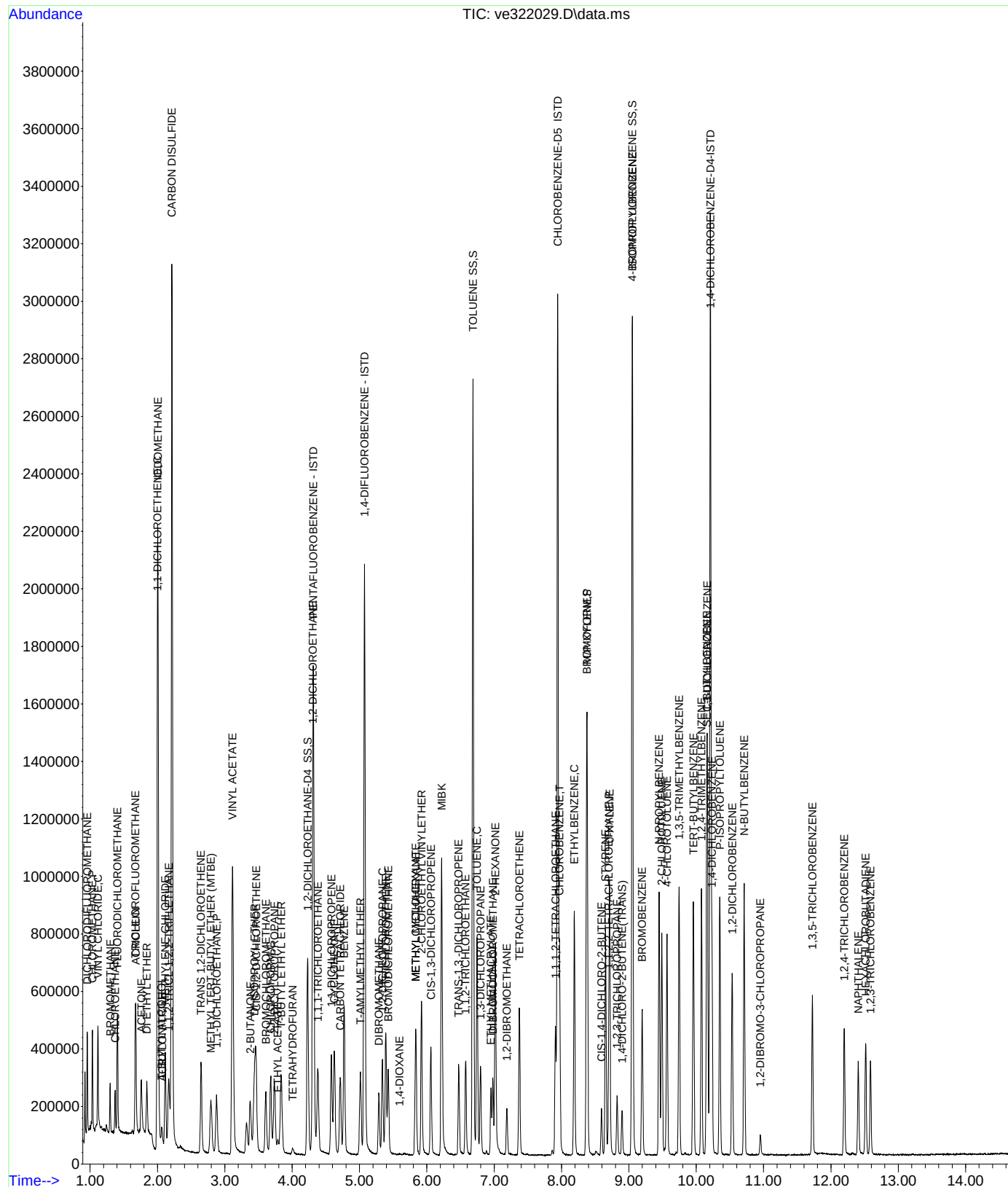
Quant Time: Nov 18 10:58:34 2012

Quant Method : C:\msdchem\1\METHODS\E110512W.m

Quant Title : 8260 WATER 5MLS VOAMS 5973 #5

QLast Update : Tue Nov 06 06:46:52 2012

Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322030.D
 Acq On : 17 Nov 2012 12:57 pm
 Operator :
 Sample : 8260STD 20PPB
 Misc : 1
 ALS Vial : 30 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 10:59:27 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.314	168	1018731	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.075	114	1465235	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.942	82	720815	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.209	152	769942	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.230	65	442853	27.32	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	109.28%	
48) TOLUENE SS	6.684	98	1442141	25.08	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	100.32%	
70) 4-BROMOFLUOROBENZENE SS	9.049	95	533980	25.37	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	101.48%	
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	0.957	85	273424	25.65	UG/L	99
4) DIFLUOROCHLOROMETHANE	0.000		0	N.D.		
5) CHLOROMETHANE	1.032	50	242589	21.28	UG/L	98
6) VINYL CHLORIDE	1.113	62	234756	17.73	UG/L	93
7) BROMOMETHANE	1.294	94	97651	10.75	UG/L	95
8) CHLOROETHANE	1.369	64	104238	15.94	UG/L #	83
9) Ethanol	1.843	45	101990	No Calib	#	
10) FLUORODICHLOROMETHANE	1.405	67	405938	20.26	UG/L	93
11) TRICHLOROFLUOROMETHANE	1.673	101	386087	26.29	UG/L	99
12) DI ETHYL ETHER	1.843	59	139519	18.16	UG/L #	88
13) ACROLEIN	1.679	56	146271	121.84	UG/L	98
14) ACETONE	1.762	43	411183	197.25	UG/L	91
15) 1,1-DICHLOROETHENE	1.999	61	289239	18.94	UG/L	99
16) 1,1,2-TRICL-1,2,2-TRIF...	2.167	101	175849	18.54	UG/L	98
17) IODOMETHANE	2.005	142	2987254	156.21	UG/L	99
18) ALLYL CHLORIDE	2.189	41	2840	No Calib	#	
19) METHYL ACETATE	2.192	43	155570	No Calib	#	
20) T-BUTYL ALCOHOL	2.064	59	100936	209.54	UG/L #	94
21) ACRYLONITRILE	2.066	53	46162	13.62	UG/L	99
22) METHYLENE CHLORIDE	2.117	49	241996	16.74	UG/L #	78
23) CARBON DISULFIDE	2.214	76	5716147	168.92	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.797	73	420167	21.36	UG/L #	88
25) TRANS 1,2-DICHLOROETHENE	2.649	61	262064	17.59	UG/L	89
26) 1,1-DICHLOROETHANE	2.875	63	326336	17.50	UG/L	96
27) PROPIONITRILE	3.137	54	629	No Calib	#	
28) VINYL ACETATE	3.118	43	3282106	173.85	UG/L	97
29) CHLOROPRENE	3.843	53	2933	No Calib	#	
30) DI ISOPROYL ETHER	3.441	45	474123	16.87	UG/L #	87
31) 2-BUTANONE	3.377	43	512911	166.84	UG/L #	88
32) METHACRYLONITRILE	3.737	41	146567	No Calib	#	
33) T-BUTYL ETHYL ETHER	3.840	59	489359	21.19	UG/L #	91
34) CIS-1,2-DICHLOROETHENE	3.463	61	271268	17.83	UG/L	89
35) 2,2-DICHLOROPROPANE	3.740	77	275408	22.24	UG/L	98
36) ETHYL ACETATE	3.790	43	120508	17.73	UG/L #	95
37) BROMOCHLOROMETHANE	3.608	49	152866	17.49	UG/L #	81
38) TETRAHYDROFURAN	4.004	42	28508	13.92	UG/L #	71
39) CHLOROFORM	3.681	83	353575	18.54	UG/L	99
40) ISOBUTANOL	4.010	43	6995	No Calib	#	
41) 1,1,1-TRICHLOROETHANE	4.381	97	312749	21.25	UG/L	97
42) CYCLOHEXANE	4.626	56	275893	16.67	UG/L #	72
43) CARBON TETRACHLORIDE	4.713	117	278854	19.71	UG/L	95
44) 1,1-DICHLOROPROPENE	4.582	75	270182	18.74	UG/L	97
45) BENZENE	4.771	78	747382	16.96	UG/L	100
46) T-AMYL METHYL ETHER	5.014	73	458055	23.06	UG/L #	92
49) 1,2-DICHLOROETHANE	4.306	62	253193	21.97	UG/L	92
50) METHYL METHACRYLATE	5.834	41	126932	22.23	UG/L #	71
51) TRICHLOROETHENE	5.388	95	209893	19.67	UG/L	97
52) METHYLCYCLOHEXANE	5.837	83	300408	20.19	UG/L #	86

Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322030.D
 Acq On : 17 Nov 2012 12:57 pm
 Operator :
 Sample : 8260STD 20PPB
 Misc : 1
 ALS Vial : 30 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 10:59:27 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 1,2-DICHLOROPROPANE	5.340	63	191023	17.37	UG/L	# 94
54) DIBROMOMETHANE	5.287	93	129481	20.51	UG/L	88
55) 1,4-DIOXANE	5.588	88	15943m	242.05	UG/L	
56) BROMODICHLOROMETHANE	5.427	83	288505	19.90	UG/L	97
57) 2-CHLOROETHYL VINYLETHER	5.920	63	428391	206.05	UG/L	94
58) MIBK	6.219	43	1524572	228.09	UG/L	96
59) CIS-1,3-DICHLOROPROPENE	6.060	75	328927	19.89	UG/L	97
60) TOLUENE	6.746	91	835529	19.38	UG/L	99
61) TRANS-1,3,-DICHLOROPRO...	6.472	75	274882	21.97	UG/L	94
62) ETHYL METHACRYLATE	6.952	69	214421	21.29	UG/L	90
63) 1,1,2-TRICHLOROETHANE	6.573	97	170460	19.16	UG/L	99
64) 2-HEXANONE	7.016	43	1058729	228.93	UG/L	93
65) TETRACHLOROETHENE	7.373	166	239460	21.07	UG/L	97
66) 1,3-DICHLOROPROPANE	6.799	76	282640	19.43	UG/L	100
67) DIBROMOCHLOROMETHANE	6.983	129	229408	20.09	UG/L	99
68) 1,2-DIBROMOETHANE	7.186	107	189026	20.85	UG/L	99
71) CHLOROBENZENE	7.970	112	574931	19.71	UG/L	99
72) 1,1,1,2-TETRACHLOROETHANE	7.909	131	202075	19.94	UG/L	98
73) ETHYLBENZENE	8.187	91	949679	20.50	UG/L	95
74) M/P-XYLENES	8.377	91	1545529	43.35	UG/L	97
75) O-XYLENE	8.712	91	770972	21.08	UG/L	95
76) STYRENE	8.653	104	592309	20.61	UG/L	99
77) BROMOFORM	8.374	173	153762	19.84	UG/L	# 98
78) ISOPROPYLBENZENE	9.052	105	982411	20.88	UG/L	96
79) CIS-1,4-DICHLORO-2-BUTENE	8.592	53	62166	22.82	UG/L	# 74
80) 1,1,2,2-TETRACHLOROETHANE	8.701	83	223153	20.30	UG/L	98
81) 1,4-DICHLORO-2-BUTENE(...	8.896	53	59549	23.04	UG/L	# 80
82) BROMOBENZENE	9.194	77	342955	19.73	UG/L	94
83) 1,2,3-TRICHLOROPROPANE	8.826	75	165397	21.29	UG/L	92
84) N-PROPYLBENZENE	9.448	91	1176808	21.44	UG/L	96
85) 2-CHLOROTOLUENE	9.487	91	643772	20.44	UG/L	100
86) 1,3,5-TRIMETHYLBENZENE	9.746	105	820808	22.27	UG/L	98
87) 4-CHLOROTOLUENE	9.565	91	673627	20.55	UG/L	97
89) TERT-BUTYLBENZENE	9.958	119	704131	21.01	UG/L	95
90) 1,2,4-TRIMETHYLBENZENE	10.078	105	804346	21.53	UG/L	98
91) SEC-BUTYLBENZENE	10.156	105	1108155	21.27	UG/L	97
92) 1,3-DICHLOROBENZENE	10.165	146	487785	20.47	UG/L	95
93) P-ISOPROPYLTOLUENE	10.349	119	828614	21.64	UG/L	98
94) 1,4-DICHLOROBENZENE	10.232	146	467946	20.01	UG/L	99
95) N-BUTYLBENZENE	10.711	91	842155	21.65	UG/L	97
96) 1,2-DICHLOROBENZENE	10.533	146	455710	20.92	UG/L	98
97) 1,2-DIBROMO-3-CHLOROPR...	10.948	75	34726	23.07	UG/L	89
98) 1,3,5-TRICHLOROBENZENE	11.723	180	310956	20.28	UG/L	96
99) 1,2,4-TRICHLOROBENZENE	12.198	180	264475	21.59	UG/L	96
100) HEXACHLOROBUTADIENE	12.515	225	132350	19.00	UG/L	98
101) NAPHTHALENE	12.404	128	560377	25.09	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.585	180	212722	23.28	UG/L	95

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

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Inst : GCMSV0A5

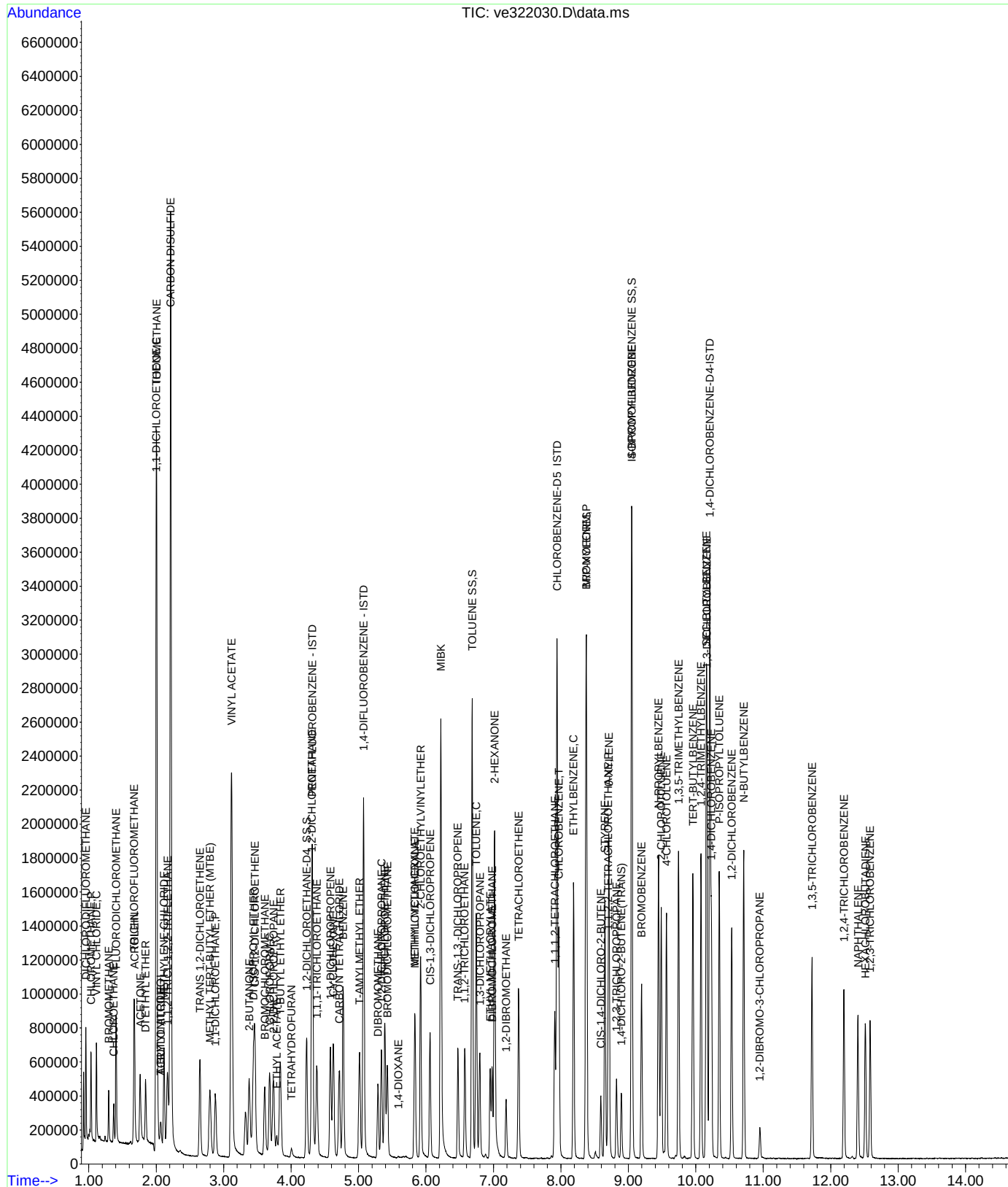
Quant Time: Nov 18 10:59:27 2012

Quant Method : C:\msdchem\1\METHODS\E110512W.m

Quant Title : 8260 WATER 5MLS VOAMS 5973 #5

QLast Update : Tue Nov 06 06:46:52 2012

Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322031.D
 Acq On : 17 Nov 2012 1:24 pm
 Operator :
 Sample : 8260STD 50PPB
 Misc : 1
 ALS Vial : 31 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 11:00:28 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.314	168	1037966	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.073	114	1477955	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.942	82	736080	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.209	152	783988	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.228	65	405788	24.57	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	98.28%	
48) TOLUENE SS	6.685	98	1455525	25.09	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	100.36%	
70) 4-BROMOFLUOROBENZENE SS	9.049	95	552964	25.73	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	102.92%	
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	0.957	85	669011	61.61	UG/L	99
4) DIFLUOROCHLOROMETHANE	0.000		0	N.D.		
5) CHLOROMETHANE	1.035	50	525733	45.27	UG/L	98
6) VINYL CHLORIDE	1.116	62	655517	48.59	UG/L	96
7) BROMOMETHANE	1.297	94	265378	28.67	UG/L	97
8) CHLOROETHANE	1.369	64	262674	39.42	UG/L #	85
9) Ethanol	1.841	45	251004	No Calib	#	
10) FLUORODICHLOROMETHANE	1.406	67	1107251	54.23	UG/L	93
11) TRICHLOROFLUOROMETHANE	1.673	101	997519	66.66	UG/L	99
12) DI ETHYL ETHER	1.841	59	345088	44.10	UG/L #	87
13) ACROLEIN	1.676	56	341344	279.06	UG/L	99
14) ACETONE	1.757	43	904170	425.69	UG/L	91
15) 1,1-DICHLOROETHENE	2.000	61	747329	48.02	UG/L	99
16) 1,1,2-TRICL-1,2,2-TRIF...	2.164	101	450053	46.57	UG/L	98
17) IODOMETHANE	2.005	142	8203859	415.97	UG/L	98
18) ALLYL CHLORIDE	2.186	41	6276	No Calib	#	
19) METHYL ACETATE	2.186	43	341679	No Calib	#	
20) T-BUTYL ALCOHOL	2.058	59	191338	389.85	UG/L #	96
21) ACRYLONITRILE	2.067	53	108719	31.48	UG/L	93
22) METHYLENE CHLORIDE	2.114	49	597912	40.59	UG/L #	77
23) CARBON DISULFIDE	2.214	76	11173470	324.07	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.792	73	1053038	52.55	UG/L #	87
25) TRANS 1,2-DICHLOROETHENE	2.647	61	658592	43.38	UG/L	92
26) 1,1-DICHLOROETHANE	2.875	63	879041	46.27	UG/L	96
27) PROPIONITRILE	3.366	54	2578	No Calib	#	
28) VINYL ACETATE	3.115	43	7840084	407.00	UG/L	97
29) CHLOROPRENE	3.837	53	8132	No Calib	#	
30) DI ISOPROYL ETHER	3.436	45	1271073	44.39	UG/L #	87
31) 2-BUTANONE	3.369	43	1135881	362.64	UG/L #	89
32) METHACRYLONITRILE	3.734	41	395388	No Calib	#	
33) T-BUTYL ETHYL ETHER	3.835	59	1253874	53.29	UG/L #	91
34) CIS-1,2-DICHLOROETHENE	3.461	61	710991	45.88	UG/L	88
35) 2,2-DICHLOROPROPANE	3.737	77	748630	59.34	UG/L	99
36) ETHYL ACETATE	3.779	43	272517	39.34	UG/L	96
37) BROMOCHLOROMETHANE	3.609	49	389768	43.77	UG/L #	79
38) TETRAHYDROFURAN	3.999	42	68352	32.75	UG/L #	81
39) CHLOROFORM	3.681	83	945048	48.63	UG/L	99
40) ISOBUTANOL	4.002	43	17231	No Calib	#	
41) 1,1,1-TRICHLOROETHANE	4.381	97	828088	55.23	UG/L	97
42) CYCLOHEXANE	4.627	56	659872	39.12	UG/L #	76
43) CARBON TETRACHLORIDE	4.713	117	721085	50.02	UG/L	96
44) 1,1-DICHLOROPROPENE	4.582	75	672708	45.78	UG/L	96
45) BENZENE	4.769	78	1999434	44.53	UG/L	100
46) T-AMYL METHYL ETHER	5.011	73	1127726	55.72	UG/L #	92
49) 1,2-DICHLOROETHANE	4.303	62	637457	54.85	UG/L #	74
50) METHYL METHACRYLATE	5.834	41	300583	52.19	UG/L #	70
51) TRICHLOROETHENE	5.388	95	535326	49.74	UG/L	96
52) METHYLCYCLOHEXANE	5.834	83	708556	47.21	UG/L #	85

Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322031.D
 Acq On : 17 Nov 2012 1:24 pm
 Operator :
 Sample : 8260STD 50PPB
 Misc : 1
 ALS Vial : 31 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 11:00:28 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

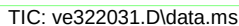
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 1,2-DICHLOROPROPANE	5.338	63	517378	46.64	UG/L	# 94
54) DIBROMOMETHANE	5.285	93	317972	49.94	UG/L	89
55) 1,4-DIOXANE	5.589	88	31880m	479.84	UG/L	
56) BROMODICHLOROMETHANE	5.427	83	774236	52.94	UG/L	96
57) 2-CHLOROETHYL VINYLETHER	5.920	63	990342	472.24	UG/L	96
58) MIBK	6.219	43	3125654	463.59	UG/L	96
59) CIS-1,3-DICHLOROPROPENE	6.057	75	857207	51.38	UG/L	96
60) TOLUENE	6.746	91	2173948	49.99	UG/L	99
61) TRANS-1,3,-DICHLOROPRO...	6.473	75	700659	55.52	UG/L	95
62) ETHYL METHACRYLATE	6.949	69	477314	46.98	UG/L	91
63) 1,1,2-TRICHLOROETHANE	6.576	97	432509	48.20	UG/L	99
64) 2-HEXANONE	7.016	43	2065122	442.70	UG/L	94
65) TETRACHLOROETHENE	7.373	166	615864	53.71	UG/L	97
66) 1,3-DICHLOROPROPANE	6.796	76	690968	47.10	UG/L	100
67) DIBROMOCHLOROMETHANE	6.980	129	591799	51.38	UG/L	98
68) 1,2-DIBROMOETHANE	7.189	107	451010	49.32	UG/L	98
71) CHLOROBENZENE	7.970	112	1555957	52.24	UG/L	99
72) 1,1,1,2-TETRACHLOROETHANE	7.909	131	556861	53.80	UG/L	98
73) ETHYLBENZENE	8.190	91	2564072	54.20	UG/L	95
74) M/P-XYLENES	8.377	91	4155575	114.13	UG/L	97
75) O-XYLENE	8.712	91	2069670	55.41	UG/L	95
76) STYRENE	8.653	104	1599700	54.51	UG/L	98
77) BROMOFORM	8.372	173	384379	48.56	UG/L	# 98
78) ISOPROPYLBENZENE	9.052	105	2714175	56.50	UG/L	97
79) CIS-1,4-DICHLORO-2-BUTENE	8.592	53	136073	48.91	UG/L	# 73
80) 1,1,2,2-TETRACHLOROETHANE	8.701	83	507935	45.26	UG/L	98
81) 1,4-DICHLORO-2-BUTENE(...	8.899	53	133326	50.51	UG/L	# 74
82) BROMOBENZENE	9.197	77	925400	52.13	UG/L	96
83) 1,2,3-TRICHLOROPROPANE	8.826	75	357552	45.06	UG/L	94
84) N-PROPYLBENZENE	9.448	91	3183934	56.81	UG/L	96
85) 2-CHLOROTOLUENE	9.490	91	1752543	54.50	UG/L	98
86) 1,3,5-TRIMETHYLBENZENE	9.746	105	2245429	59.66	UG/L	97
87) 4-CHLOROTOLUENE	9.565	91	1865146	55.71	UG/L	96
89) TERT-BUTYLBENZENE	9.958	119	1945461	57.02	UG/L	95
90) 1,2,4-TRIMETHYLBENZENE	10.078	105	2231133	58.65	UG/L	97
91) SEC-BUTYLBENZENE	10.156	105	3089388	58.25	UG/L	97
92) 1,3-DICHLOROBENZENE	10.168	146	1355791	55.88	UG/L	96
93) P-ISOPROPYLTOLUENE	10.349	119	2302077	59.04	UG/L	98
94) 1,4-DICHLOROBENZENE	10.232	146	1279941	53.74	UG/L	99
95) N-BUTYLBENZENE	10.711	91	2356949	59.49	UG/L	96
96) 1,2-DICHLOROBENZENE	10.533	146	1202483	54.22	UG/L	98
97) 1,2-DIBROMO-3-CHLOROPR...	10.951	75	68715	44.84	UG/L	92
98) 1,3,5-TRICHLOROBENZENE	11.724	180	866467	55.50	UG/L	96
99) 1,2,4-TRICHLOROBENZENE	12.198	180	656543	52.65	UG/L	94
100) HEXACHLOROBUTADIENE	12.518	225	373194	52.63	UG/L	97
101) NAPHTHALENE	12.407	128	1133052	49.81	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.588	180	460611	49.51	UG/L	95

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

489

Inst : GCMSV0A5

Quant Time: Nov 18 11:00:28 2012



Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322032.D
 Acq On : 17 Nov 2012 1:50 pm
 Operator :
 Sample : 8260STD 100PPB
 Misc : 1
 ALS Vial : 32 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 11:01:51 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.314	168	1073471	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.075	114	1481660	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.945	82	733611	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.212	152	817762	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.230	65	415272	24.32	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	97.28%	
48) TOLUENE SS	6.687	98	1435330	24.68	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	98.72%	
70) 4-BROMOFLUOROBENZENE SS	9.052	95	573016	26.75	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	107.00%	
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	0.957	85	1385874	123.40	UG/L	98
4) DIFLUOROCHLOROMETHANE	0.000		0	N.D.		
5) CHLOROMETHANE	1.032	50	954637	79.49	UG/L	99
6) VINYL CHLORIDE	1.113	62	1108031	79.42	UG/L	97
7) BROMOMETHANE	1.294	94	557663	58.26	UG/L	94
8) CHLOROETHANE	1.369	64	457939	66.45	UG/L #	86
9) Ethanol	1.841	45	515648	No Calib	#	
10) FLUORODICHLOROMETHANE	1.403	67	2128983	100.83	UG/L	93
11) TRICHLOROFLUOROMETHANE	1.670	101	2002829	129.41	UG/L	99
12) DI ETHYL ETHER	1.841	59	707724	87.44	UG/L #	88
13) ACROLEIN	1.679	56	737498	582.98	UG/L	99
14) ACETONE	1.763	43	1999252	910.14	UG/L	91
15) 1,1-DICHLOROETHENE	2.000	61	1604789	99.72	UG/L	99
16) 1,1,2-TRICL-1,2,2-TRIF...	2.164	101	907532	90.80	UG/L	99
17) IODOMETHANE	0.000		0	N.D.		
18) ALLYL CHLORIDE	2.186	41	15948	No Calib	#	
19) METHYL ACETATE	2.192	43	796157	No Calib	#	
20) T-BUTYL ALCOHOL	2.066	59	536416	1056.79	UG/L #	91
21) ACRYLONITRILE	2.066	53	239022	66.92	UG/L	91
22) METHYLENE CHLORIDE	2.114	49	1106929	72.66	UG/L #	76
23) CARBON DISULFIDE	0.000		0	N.D.	d	
24) METHYL TERT-BUTYL ETHE...	2.794	73	2307227	111.33	UG/L #	86
25) TRANS 1,2-DICHLOROETHENE	2.647	61	1313783	83.68	UG/L	91
26) 1,1-DICHLOROETHANE	2.878	63	1718775	87.48	UG/L	96
27) PROPIONITRILE	3.377	54	7661	No Calib	#	
28) VINYL ACETATE	3.115	43	17673447	886.60	UG/L	97
29) CHLOROPRENE	3.840	53	16355	No Calib	#	
30) DI ISOPROYL ETHER	3.441	45	2587534	87.39	UG/L #	87
31) 2-BUTANONE	3.377	43	2650925	818.33	UG/L #	86
32) METHACRYLONITRILE	3.740	41	798834	No Calib	#	
33) T-BUTYL ETHYL ETHER	3.840	59	2678226	110.07	UG/L #	92
34) CIS-1,2-DICHLOROETHENE	3.464	61	1426717	89.02	UG/L	87
35) 2,2-DICHLOROPROPANE	3.740	77	1499764	114.96	UG/L	99
36) ETHYL ACETATE	3.784	43	659780	92.10	UG/L #	95
37) BROMOCHLOROMETHANE	3.609	49	753932	81.86	UG/L #	78
38) TETRAHYDROFURAN	3.999	42	163195	75.60	UG/L #	76
39) CHLOROFORM	3.681	83	1863635	92.73	UG/L	97
40) ISOBUTANOL	4.002	43	35716	No Calib	#	
41) 1,1,1-TRICHLOROETHANE	4.381	97	1672352	107.84	UG/L	98
42) CYCLOHEXANE	4.626	56	1326585	76.05	UG/L #	76
43) CARBON TETRACHLORIDE	4.716	117	1483410	99.49	UG/L	96
44) 1,1-DICHLOROPROPENE	4.582	75	1347406	88.67	UG/L	97
45) BENZENE	4.771	78	3887626	83.73	UG/L	100
46) T-AMYL METHYL ETHER	5.014	73	2555892	122.12	UG/L #	90
49) 1,2-DICHLOROETHANE	4.306	62	1293054	110.98	UG/L #	68
50) METHYL METHACRYLATE	5.834	41	609320	105.54	UG/L #	70
51) TRICHLOROETHENE	5.391	95	1068104	99.00	UG/L	97
52) METHYLCYCLOHEXANE	5.837	83	1444738	96.01	UG/L #	85

Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322032.D
 Acq On : 17 Nov 2012 1:50 pm
 Operator :
 Sample : 8260STD 100PPB
 Misc : 1
 ALS Vial : 32 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 11:01:51 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 1,2-DICHLOROPROPANE	5.340	63	1026850	92.34	UG/L #	94
54) DIBROMOMETHANE	5.287	93	667390	104.55	UG/L	90
55) 1,4-DIOXANE	5.586	88	88723m	1332.06	UG/L	
56) BROMODICHLOROMETHANE	5.427	83	1553158	105.94	UG/L	95
57) 2-CHLOROETHYL VINYLETHER	5.923	63	2283256	1086.05	UG/L	96
58) MIBK	6.224	43	8341197	1234.07	UG/L	96
59) CIS-1,3-DICHLOROPROPENE	6.063	75	1744899	104.33	UG/L	96
60) TOLUENE	6.749	91	4409590	101.14	UG/L	99
61) TRANS-1,3,-DICHLOROPRO...	6.475	75	1481993	117.14	UG/L	95
62) ETHYL METHACRYLATE	6.952	69	1144244	112.34	UG/L	91
63) 1,1,2-TRICHLOROETHANE	6.578	97	923568	102.67	UG/L	100
64) 2-HEXANONE	7.022	43	5784306	1236.89	UG/L	94
65) TETRACHLOROETHENE	7.376	166	1271310	110.60	UG/L	98
66) 1,3-DICHLOROPROPANE	6.799	76	1514233	102.95	UG/L	100
67) DIBROMOCHLOROMETHANE	6.983	129	1271424	110.10	UG/L	99
68) 1,2-DIBROMOETHANE	7.192	107	989130	107.90	UG/L	98
71) CHLOROBENZENE	7.973	112	3159778	106.44	UG/L	99
72) 1,1,1,2-TETRACHLOROETHANE	7.911	131	1157927	112.24	UG/L	98
73) ETHYLBENZENE	8.190	91	5212710	110.55	UG/L	95
74) M/P-XYLENES	8.380	91	8516307	234.68	UG/L	96
75) O-XYLENE	8.717	91	4271306	114.75	UG/L	95
76) STYRENE	8.656	104	3323603	113.64	UG/L	98
77) BROMOFORM	8.374	173	921231	116.78	UG/L #	98
78) ISOPROPYLBENZENE	9.055	105	5571653	116.38	UG/L	97
79) CIS-1,4-DICHLORO-2-BUTENE	8.595	53	334872	120.76	UG/L #	72
80) 1,1,2,2-TETRACHLOROETHANE	8.703	83	1251061	111.85	UG/L	98
81) 1,4-DICHLORO-2-BUTENE(...	8.899	53	337938	128.46	UG/L #	75
82) BROMOBENZENE	9.197	77	1924390	108.77	UG/L	95
83) 1,2,3-TRICHLOROPROPANE	8.826	75	893802	113.02	UG/L	93
84) N-PROPYLBENZENE	9.451	91	6562678	117.49	UG/L	96
85) 2-CHLOROTOLUENE	9.493	91	3550722	110.79	UG/L	99
86) 1,3,5-TRIMETHYLBENZENE	9.749	105	4648294	123.92	UG/L	97
87) 4-CHLOROTOLUENE	9.568	91	3830717	114.80	UG/L	96
89) TERT-BUTYLBENZENE	9.958	119	4099107	115.17	UG/L	94
90) 1,2,4-TRIMETHYLBENZENE	10.081	105	4653745	117.29	UG/L	97
91) SEC-BUTYLBENZENE	10.162	105	6397823	115.64	UG/L	96
92) 1,3-DICHLOROBENZENE	10.170	146	2808750	110.99	UG/L	96
93) P-ISOPROPYLTOLUENE	10.352	119	4872668	119.81	UG/L	98
94) 1,4-DICHLOROBENZENE	10.234	146	2700071	108.68	UG/L	99
95) N-BUTYLBENZENE	10.714	91	4923020	119.13	UG/L	95
96) 1,2-DICHLOROBENZENE	10.536	146	2565592	110.91	UG/L	98
97) 1,2-DIBROMO-3-CHLOROPR...	10.954	75	189959	118.83	UG/L	91
98) 1,3,5-TRICHLOROBENZENE	11.726	180	1905411	117.01	UG/L	95
99) 1,2,4-TRICHLOROBENZENE	12.200	180	1599097	122.93	UG/L	96
100) HEXACHLOROBUTADIENE	12.518	225	859068	116.14	UG/L	96
101) NAPHTHALENE	12.410	128	3100783	130.69	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.588	180	1258865	129.73	UG/L	96

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

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Inst : GCMSV0A5

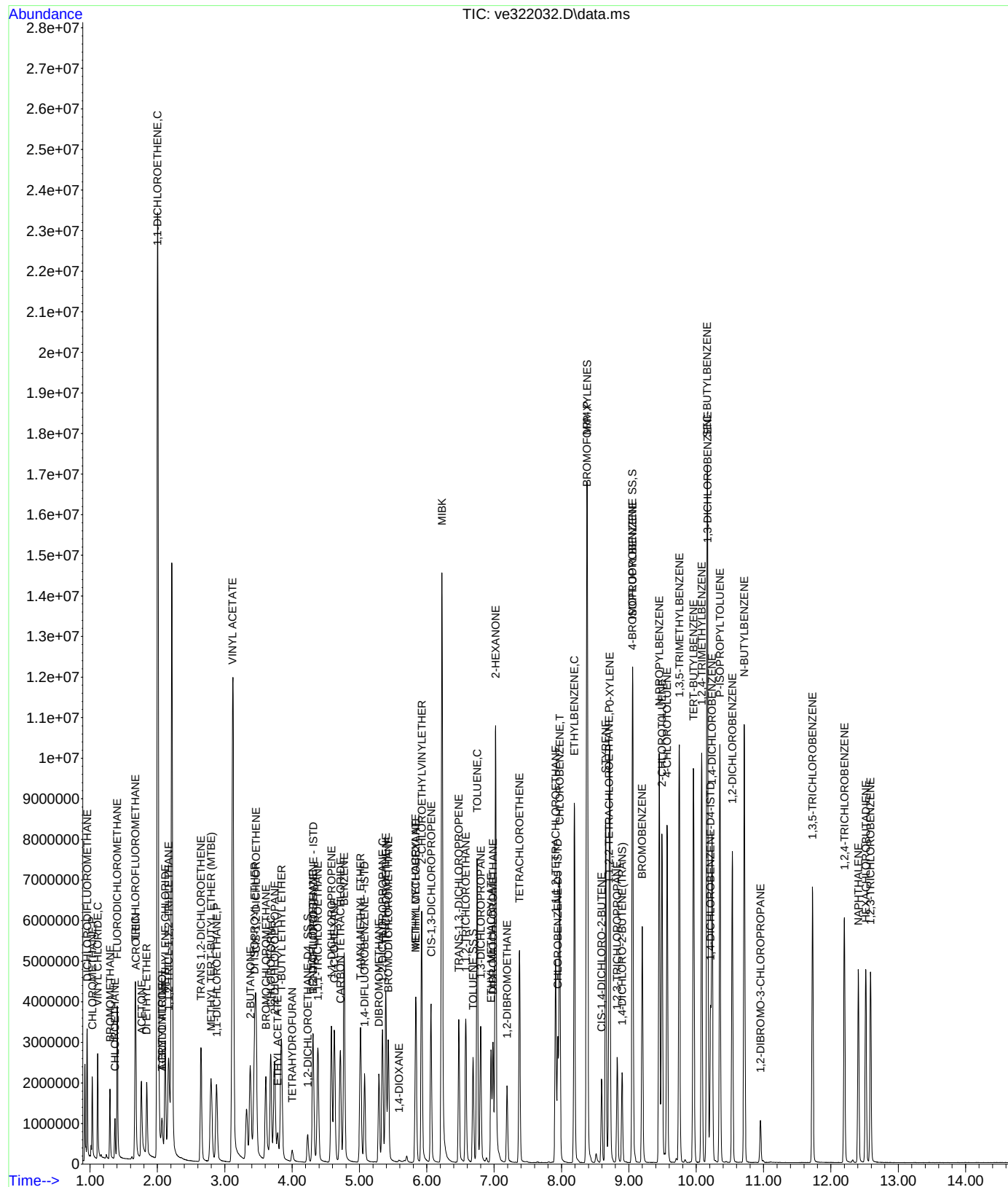
Quant Time: Nov 18 11:01:51 2012

Quant Method : C:\msdchem\1\METHODS\E110512W.m

Quant Title : 8260 WATER 5MLS VOAMS 5973 #5

QLast Update : Tue Nov 06 06:46:52 2012

Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322033.D
 Acq On : 17 Nov 2012 2:16 pm
 Operator :
 Sample : 8260STD 200PPB
 Misc : 1
 ALS Vial : 33 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 11:03:20 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.314	168	1099207	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.073	114	1526187	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.942	82	752291	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.212	152	836837	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.228	65	420005	24.02	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	96.08%	
48) TOLUENE SS	6.685	98	1470695	24.55	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	98.20%	
70) 4-BROMOFLUOROBENZENE SS	9.049	95	607457	27.66	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	110.64%	
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	0.957	85	2465156	214.35	UG/L	99
4) DIFLUOROCHLOROMETHANE	0.000		0	N.D.		
5) CHLOROMETHANE	1.032	50	2016579	163.98	UG/L	100
6) VINYL CHLORIDE	1.113	62	1846748	129.26	UG/L	97
7) BROMOMETHANE	1.294	94	1311444	133.81	UG/L	94
8) CHLOROETHANE	1.369	64	910790	129.06	UG/L	# 87
9) Ethanol	1.841	45	967462	No Calib	#	
10) FLUORODICHLOROMETHANE	1.403	67	4230980	195.68	UG/L	94
11) TRICHLOROFLUOROMETHANE	1.671	101	3757265	237.09	UG/L	100
12) DI ETHYL ETHER	1.841	59	1339590	161.64	UG/L	# 88
13) ACROLEIN	1.676	56	1446710	1116.82	UG/L	95
14) ACETONE	1.760	43	3683842	1637.77	UG/L	90
15) 1,1-DICHLOROETHENE	1.997	61	3153478	191.36	UG/L	99
16) 1,1,2-TRICL-1,2,2-TRIF...	2.164	101	1773552	173.30	UG/L	100
17) IODOMETHANE	0.000		0	N.D.		
18) ALLYL CHLORIDE	2.189	41	23781	No Calib	#	
19) METHYL ACETATE	2.186	43	1545139	No Calib	#	
20) T-BUTYL ALCOHOL	2.067	59	940041	1808.60	UG/L	# 89
21) ACRYLONITRILE	2.067	53	489901	133.96	UG/L	95
22) METHYLENE CHLORIDE	2.114	49	2192221	140.52	UG/L	# 76
23) CARBON DISULFIDE	0.000		0	N.D.		
24) METHYL TERT-BUTYL ETHE...	2.792	73	4647855	219.02	UG/L	# 85
25) TRANS 1,2-DICHLOROETHENE	2.647	61	2609655	162.33	UG/L	91
26) 1,1-DICHLOROETHANE	2.875	63	3406765	169.34	UG/L	96
27) PROPIONITRILE	3.374	54	11275	No Calib	#	
28) VINYL ACETATE	0.000		0	N.D.		
29) CHLOROPRENE	3.843	53	32877	No Calib	#	
30) DI ISOPROYL ETHER	3.441	45	5266355	173.69	UG/L	# 86
31) 2-BUTANONE	3.374	43	4909395	1480.02	UG/L	# 86
32) METHACRYLONITRILE	3.737	41	1581978	No Calib	#	
33) T-BUTYL ETHYL ETHER	3.837	59	5428575	217.88	UG/L	# 92
34) CIS-1,2-DICHLOROETHENE	3.464	61	2868438	174.78	UG/L	87
35) 2,2-DICHLOROPROPANE	3.737	77	2976181	222.78	UG/L	99
36) ETHYL ACETATE	3.782	43	1245251	169.75	UG/L	96
37) BROMOCHLOROMETHANE	3.606	49	1375106	145.81	UG/L	# 76
38) TETRAHYDROFURAN	3.999	42	305585	138.25	UG/L	# 78
39) CHLOROFORM	3.681	83	3777402	183.56	UG/L	98
40) ISOBUTANOL	3.999	43	62708	No Calib	#	
41) 1,1,1-TRICHLOROETHANE	4.381	97	3347522	210.81	UG/L	99
42) CYCLOHEXANE	4.624	56	2612701	146.28	UG/L	# 76
43) CARBON TETRACHLORIDE	4.713	117	2914802	190.91	UG/L	96
44) 1,1-DICHLOROPROPENE	4.582	75	2698553	173.43	UG/L	97
45) BENZENE	4.772	78	7944950	167.10	UG/L	100
46) T-AMYL METHYL ETHER	5.014	73	5111769	238.51	UG/L	# 91
49) 1,2-DICHLOROETHANE	4.303	62	2565908	213.79	UG/L	# 66
50) METHYL METHACRYLATE	5.834	41	1191483	200.35	UG/L	# 71
51) TRICHLOROETHENE	5.388	95	2174335	195.65	UG/L	97
52) METHYLCYCLOHEXANE	5.834	83	2840488	183.26	UG/L	# 85

Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322033.D
 Acq On : 17 Nov 2012 2:16 pm
 Operator :
 Sample : 8260STD 200PPB
 Misc : 1
 ALS Vial : 33 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 11:03:20 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 1,2-DICHLOROPROPANE	5.340	63	2057440	179.61	UG/L	# 95
54) DIBROMOMETHANE	5.285	93	1308737	199.04	UG/L	92
55) 1,4-DIOXANE	5.586	88	157108m	2289.95	UG/L	
56) BROMODICHLOROMETHANE	5.427	83	3193486	211.46	UG/L	97
57) 2-CHLOROETHYL VINYLETHER	5.923	63	4476026	2066.94	UG/L	98
58) MIBK	6.222	43	15023348	2157.83	UG/L	# 97
59) CIS-1,3-DICHLOROPROPENE	6.060	75	3534378	205.15	UG/L	96
60) TOLUENE	6.746	91	9089644	202.40	UG/L	99
61) TRANS-1,3,-DICHLOROPRO...	6.475	75	3031378	232.62	UG/L	95
62) ETHYL METHACRYLATE	6.952	69	2260727	215.47	UG/L	90
63) 1,1,2-TRICHLOROETHANE	6.576	97	1858105	200.54	UG/L	100
64) 2-HEXANONE	7.022	43	10895360	2261.84	UG/L	94
65) TETRACHLOROETHENE	7.373	166	2556487	215.92	UG/L	98
66) 1,3-DICHLOROPROPANE	6.799	76	2973366	196.25	UG/L	100
67) DIBROMOCHLOROMETHANE	6.980	129	2634640	221.50	UG/L	99
68) 1,2-DIBROMOETHANE	7.192	107	1982622	209.96	UG/L	98
71) CHLOROBENZENE	7.970	112	6254358	205.45	UG/L	99
72) 1,1,1,2-TETRACHLOROETHANE	7.912	131	2328744	220.12	UG/L	98
73) ETHYLBENZENE	8.190	91	10442168	215.96	UG/L	95
74) M/P-XYLENES	8.372	91	15674413m	421.22	UG/L	
75) O-XYLENE	8.717	91	8796133	230.43	UG/L	94
76) STYRENE	8.656	104	6798633	226.68	UG/L	98
77) BROMOFORM	8.374	173	1875342	231.82	UG/L	# 98
78) ISOPROPYLBENZENE	9.052	105	11183269	227.79	UG/L	97
79) CIS-1,4-DICHLORO-2-BUTENE	8.595	53	660034	232.12	UG/L	# 73
80) 1,1,2,2-TETRACHLOROETHANE	8.704	83	2455336	214.06	UG/L	98
81) 1,4-DICHLORO-2-BUTENE(...	8.899	53	653102	242.11	UG/L	# 76
82) BROMOBENZENE	9.197	77	3910941	215.57	UG/L	94
83) 1,2,3-TRICHLOROPROPANE	8.826	75	1739128	214.45	UG/L	93
84) N-PROPYLBENZENE	9.445	91	12394875	216.40	UG/L	99
85) 2-CHLOROTOLUENE	9.490	91	7513928	228.64	UG/L	97
86) 1,3,5-TRIMETHYLBENZENE	9.746	105	9684624	251.78	UG/L	97
87) 4-CHLOROTOLUENE	9.568	91	7956176	232.51	UG/L	95
89) TERT-BUTYLBENZENE	9.958	119	8376142	229.98	UG/L	93
90) 1,2,4-TRIMETHYLBENZENE	10.081	105	9518231	234.42	UG/L	97
91) SEC-BUTYLBENZENE	10.156	105	12490603	220.62	UG/L	99
92) 1,3-DICHLOROBENZENE	10.168	146	5854284	226.06	UG/L	96
93) P-ISOPROPYLTOLUENE	10.352	119	9898950	237.84	UG/L	97
94) 1,4-DICHLOROBENZENE	10.234	146	5463028	214.89	UG/L	99
95) N-BUTYLBENZENE	10.711	91	10184328	240.84	UG/L	96
96) 1,2-DICHLOROBENZENE	10.536	146	5293141	223.60	UG/L	98
97) 1,2-DIBROMO-3-CHLOROPR...	10.951	75	364329	222.72	UG/L	89
98) 1,3,5-TRICHLOROBENZENE	11.726	180	3921847	235.35	UG/L	96
99) 1,2,4-TRICHLOROBENZENE	12.198	180	3245799	243.84	UG/L	96
100) HEXACHLOROBUTADIENE	12.516	225	1898832	250.86	UG/L	95
101) NAPHTHALENE	12.404	128	5843188	240.66	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.588	180	2399051	241.59	UG/L	95

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

495

Inst : GCMSV0A5

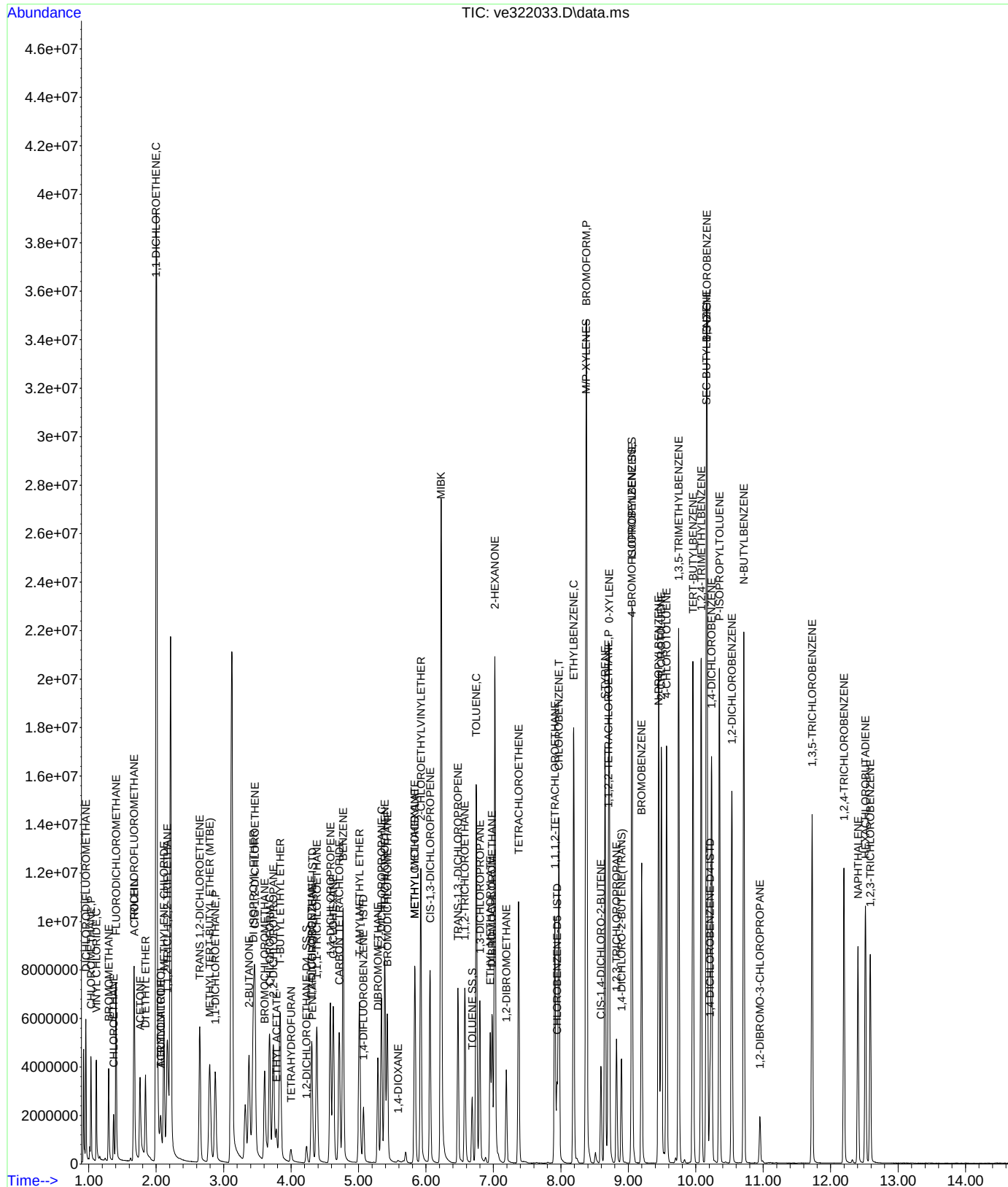
Quant Time: Nov 18 11:03:20 2012

Quant Method : C:\msdchem\1\METHODS\E110512W.m

Quant Title : 8260 WATER 5MLS VOAMS 5973 #5

QLast Update : Tue Nov 06 06:46:52 2012

Response via : Initial Calibration



INITIAL CALIBRATION STANDARDS

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Sequence:	S003582	Instrument:	GCMSVOA2
Calibration:	1300005		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1206199	0.4ppb 8260 Calibration Standard	S003582-CAL1	VB352007.D	12/17/12 14:46
1206200	0.5ppb 8260 Calibration Standard	S003582-CAL2	VB352008.D	12/17/12 15:17
1206201	1ppb 8260 Calibration Standard	S003582-CAL3	VB352009.D	12/17/12 15:48
1206202	2ppb 8260 Calibration Standard	S003582-CAL4	VB352010.D	12/17/12 16:19
1206203	5ppb 8260 Calibration Standard	S003582-CAL5	VB352011.D	12/17/12 16:49
1206204	10ppb 8260 Calibration Standard	S003582-CAL6	VB352012.D	12/17/12 17:20
1206205	20ppb 8260 Calibration Standard	S003582-CAL7	VB352013.D	12/17/12 17:51
1206206	50ppb 8260 Calibration Standard	S003582-CAL8	VB352014.D	12/17/12 18:23
1206207	100ppb 8260 Calibration Standard	S003582-CAL9	VB352015.D	12/17/12 18:54
1206208	200ppb 8260 Calibration Standard	S003582-CALA	VB352016.D	12/17/12 19:25

W:\DATA\121712\

Date			Filename	Lab ID	Sample Info
17 Dec 2012	7:51	am	VB352001.D	CLEAN UP	
17 Dec 2012	8:22	am	VB352002.D	CLEAN UP	
17 Dec 2012	8:53	am	VB352003.D	8260 STD 10 PPB	
17 Dec 2012	10:04	am	VB352004.D	B0-BS1 @ (RCP)	
17 Dec 2012	1:44	pm	VB352005.D	CLEAN UP	
17 Dec 2012	2:15	pm	VB352006.D	BFB	
17 Dec 2012	2:46	pm	VB352007.D	8260 STD 0.4 PPB	
17 Dec 2012	3:17	pm	VB352008.D	8260 STD 0.5 PPB	
17 Dec 2012	3:48	pm	VB352009.D	8260 STD 1.0 PPB	
17 Dec 2012	4:19	pm	VB352010.D	8260 STD 2.0 PPB	
17 Dec 2012	4:49	pm	VB352011.D	8260 STD 5.0 PPB	
17 Dec 2012	5:20	pm	VB352012.D	8260 STD 10 PPB	
17 Dec 2012	5:51	pm	VB352013.D	8260 STD 20 PPB	
17 Dec 2012	6:23	pm	VB352014.D	8260 STD 50 PPB	
17 Dec 2012	6:54	pm	VB352015.D	8260 STD 100 PPB	
17 Dec 2012	7:25	pm	VB352016.D	8260 STD 200 PPB	
17 Dec 2012	7:56	pm	VB352017.D	CLEAN UP	
17 Dec 2012	8:27	pm	VB352018.D	CLEAN UP	
17 Dec 2012	8:58	pm	VB352019.D	B0-BS1	
17 Dec 2012	9:29	pm	VB352020.D	B0-BSD1	
17 Dec 2012	10:00	pm	VB352021.D	CLEAN UP	
17 Dec 2012	10:31	pm	VB352022.D	B0-BLK1 @50X (MEOH)	50
17 Dec 2012	11:02	pm	VB352023.D	12L0467-01 @100X (MEOH)	100
17 Dec 2012	11:33	pm	VB352024.D	12L0409-05 @5000X (MEOH)	5000
18 Dec 2012	12:04	am	VB352025.D	12L0409-06 @5000X (MEOH)	5000
18 Dec 2012	12:35	am	VB352026.D	12L0496-02 @50X (MEOH)	50
18 Dec 2012	1:06	am	VB352027.D	12L0473-01 @200X (MEOH)	200
18 Dec 2012	1:37	am	VB352028.D	CLEAN UP	
18 Dec 2012	2:09	am	VB352029.D	CLEAN UP	
18 Dec 2012	2:40	am	VB352030.D	CLEAN UP	
18 Dec 2012	3:11	am	VB352031.D	8260 STD 10 PPB/BFB	
18 Dec 2012	3:42	am	VB352032.D	B0-BS1 @ (RCP)	
18 Dec 2012	4:13	am	VB352033.D	CLEAN UP	
18 Dec 2012	4:44	am	VB352034.D	B0-BLK1	
18 Dec 2012	5:15	am	VB352035.D	12L0471-01 @ TB	
18 Dec 2012	5:46	am	VB352036.D	12L0471-02 @ EB	
18 Dec 2012	6:17	am	VB352037.D	12L0471-03 @ EB	
18 Dec 2012	6:48	am	VB352038.D	12L0505-02 @ TB	
18 Dec 2012	7:19	am	VB352039.D	12L0505-01	
18 Dec 2012	7:50	am	VB352040.D	12L0512-04	
18 Dec 2012	8:21	am	VB352041.D	12L0471-06	
18 Dec 2012	8:52	am	VB352042.D	12L0471-10	
18 Dec 2012	9:23	am	VB352043.D	12L0471-04 @ 100X	100
18 Dec 2012	9:54	am	VB352044.D	12L0471-05 @ 50X	50
18 Dec 2012	10:25	am	VB352045.D	12L0471-07 @ 25X	25
18 Dec 2012	10:56	am	VB352046.D	12L0471-08 @ 100X	100
18 Dec 2012	11:27	am	VB352047.D	12L0471-09 @ 50X	50
18 Dec 2012	11:58	am	VB352048.D	12L0471-11 @ 20X	20
18 Dec 2012	12:28	pm	VB352049.D	12L0471-12 @ 20X	20
18 Dec 2012	1:00	pm	VB352050.D	12L0512-04MS1	
18 Dec 2012	1:30	pm	VB352051.D	12L0512-04MSD1	
18 Dec 2012	2:01	pm	VB352052.D	12L0471-04MS1 @ 100X MS	100
18 Dec 2012	2:32	pm	VB352053.D	12L0471-04MSD1 @ 100X MSD1	100

Method Path : W:\METHODS\
 Method File : B1217W12.M
 Title : 8260 CALIBRATION VOAMS 5973
 Last Update : Tue Jul 03 12:32:45 2012
 Response Via : Initial Calibration

Calibration Files

0.4 =VB352007.D 0.5 =VB352008.D 1.0 =VB352009.D 2.0 =VB352010.D 5.0 =VB352011.D 10 =VB352016.D 20 =VB352013.D 50 =VB352014.D
 100 =VB352015.D 200 =VB352016.D

Compound		0.4	0.5	1.0	2.0	5.0	10	20	50	100	200	Avg	%RSD

1) I	PENTAFLUOROBENZENE...	-----ISTD-----											
2) S	1,2-DICHLOROET...	0.624	0.638	0.628	0.636	0.616	0.614	0.609	0.606	0.593	0.585	0.615	2.82
3) T	DICHLORODIFLOU...	0.555	0.555	0.578	0.615	0.590	0.610	0.616	0.519	0.498	0.405	0.554	11.88
4))	DIFLUOROCHLORO...	0.526	0.543	0.595	0.623	0.597	0.607	0.623	0.593	0.578	0.490	0.578	7.62
5) P	CHLOROMETHANE	0.655	0.642	0.619	0.659	0.583	0.600	0.570	0.543	0.497	0.471	0.584	11.07
6) C	VINYL CHLORIDE	0.569	0.543	0.538	0.617	0.549	0.619	0.570	0.629	0.531	0.512	0.568	7.23#
7) T	BROMOMETHANE	0.481	0.594	0.456	0.444	0.312	0.310					0.433	25.01
8))	CHLOROETHANE	0.271	0.286	0.252	0.324	0.244	0.303	0.241	0.311	0.229	0.234	0.269	12.84
9))	FLUORODICHLORO...	0.746	0.792	0.729	0.882	0.714	0.853	0.726	0.883	0.715	0.735	0.777	8.96
10) T	TRICHLOROFLUOR...	0.498	0.541	0.550	0.619	0.530	0.602	0.549	0.626	0.547	0.541	0.560	7.40
11))	ETHANOL					0.005	0.005	0.004	0.003	0.004	0.005	0.004	15.01
12) T	DI ETHYL ETHER	0.317	0.341	0.310	0.410	0.321	0.398	0.340	0.428	0.338	0.373	0.358	11.70
13))	ACROLEIN	0.073	0.070	0.060	0.080	0.068	0.088	0.075	0.085	0.066	0.076	0.074	11.73
14) T	ACETONE	0.159	0.158	0.113	0.138	0.109	0.131	0.113	0.141	0.116	0.123	0.130	14.27
15) C	1,1-DICHLOROET...	0.511	0.561	0.516	0.658	0.541	0.652	0.558	0.675	0.539	0.552	0.576	10.64#
16))	1,1,2-TRICL-1,...	0.255	0.282	0.257	0.340	0.280	0.330	0.289	0.339	0.287	0.293	0.295	10.57
17))	IODOMETHANE			0.392	0.516	0.499	0.604	0.583	0.619	0.515		0.533	14.65
18))	METHYL ACETATE	0.536	0.558	0.487	0.521	0.498	0.429	0.545	0.408	0.501	0.425	0.491	10.89
19))	T-BUTYL ALCOHOL	0.037	0.040	0.037	0.041	0.042	0.041	0.044	0.042	0.049	0.047	0.042	9.02
20))	ACRYLONITRILE	0.132	0.172	0.164	0.168	0.175	0.175	0.188	0.180	0.201	0.166	0.172	10.49
21) T	METHYLENE CHLO...			0.834	0.734	0.653	0.694	0.636	0.683	0.547	0.683		12.96
22))	CARBON DISULFIDE	1.040	1.091	0.984	1.366	1.111	1.427	1.182	1.214		1.177		13.13
23) T	METHYL TERT-BU...	1.093	1.202	1.289	1.303	1.334	1.283	1.398	1.326	1.467	1.199	1.289	8.21
24) T	TRANS 1,2-DICH...	0.603	0.588	0.654	0.692	0.691	0.657	0.723	0.685	0.738	0.570	0.660	8.63
25) P	1,1-DICHLOROET...	0.704	0.762	0.796	0.835	0.821	0.803	0.854	0.840	0.884	0.744	0.804	6.79
26))	VINYL ACETATE	0.965	1.000	0.985	1.012	1.074	0.975	1.126	0.917	0.998	0.608	0.966	14.34
27))	DI ISOPROPYL E...	1.331	1.410	1.410	1.509	1.497	1.401	1.587	1.383	1.544	0.990	1.406	11.86
28) T	2-BUTANONE	0.211	0.224	0.222	0.219	0.231	0.224	0.244	0.235	0.243	0.222	0.228	4.67
29))	T-BUTYL ETHYL ...	1.187	1.244	1.259	1.398	1.359	1.379	1.448	1.495	1.526	1.441	1.374	8.17
30) T	CIS-1,2-DICHL...	0.674	0.726	0.744	0.778	0.776	0.779	0.817	0.828	0.819	0.752	0.769	6.16
31))	2,2-DICHLOROPR...	0.505	0.503	0.503	0.548	0.562	0.570	0.604	0.645	0.659	0.608	0.571	10.09
32))	ETHYL ACETATE			0.526	0.512	0.523	0.470	0.523	0.525	0.548	0.528	0.519	4.28
33))	BROMOCHLOROMET...			0.180	0.203	0.211	0.210	0.227	0.227	0.217	0.185	0.208	8.41
34) T	TETRAHYDROFURAN			0.131	0.116	0.127	0.128	0.140	0.137	0.145	0.139	0.133	7.11
35) C	CHLOROFORM	0.762	0.848	0.828	0.835	0.823	0.829	0.868	0.889	0.880	0.819	0.838	4.33#
36) T	1,1,1-TRICHLOR...	0.471	0.526	0.582	0.618	0.639	0.653	0.707	0.741	0.744	0.694	0.638	14.21
37))	CYCLOHEXANE				0.706	0.654	0.652	0.644	0.643	0.589	0.648		5.76
38) T	CARBON TETRACH...			0.389	0.438	0.465	0.476	0.531	0.574	0.592	0.547	0.501	14.11
39))	1,1-DICHLOROPR...	0.593	0.589	0.613	0.650	0.644	0.633	0.673	0.696	0.685	0.628	0.640	5.73
40) T	BENZENE	1.808	1.873	1.857	1.966	1.929	1.967	2.041	2.100	2.069	1.918	1.953	4.89
41))	T-AMYL METHYL E...	1.060	1.178	1.156	1.221	1.232	1.253	1.331	1.398	1.429	1.381	1.264	9.41

Method Path : W:\METHODS\
 Method File : B1217W12.M
 Title : 8260 CALIBRATION VOAMS 5973

42)	I	1,4-DIFLOUROBENZEN...	-----ISTD-----											
43)	S	TOLUENE-D8 SS	1.254	1.253	1.258	1.262	1.276	1.268	1.296	1.288	1.286	1.318	1.276	1.65
44)	T	1,2-DICHLOROET...	0.389	0.423	0.442	0.458	0.459	0.465	0.480	0.477	0.467	0.433	0.449	6.24
45)	T	TRICHLOROETHENE	0.263	0.277	0.273	0.299	0.295	0.297	0.320	0.326	0.327	0.310	0.299	7.52
46)		METHYLCYCLOHEXANE	0.258	0.266	0.280	0.308	0.296	0.297	0.312	0.322	0.328	0.307	0.297	7.83
47)	C	1,2-DICHLOROPR...	0.258	0.267	0.275	0.306	0.307	0.307	0.330	0.341	0.338	0.327	0.306	9.74#
48)	T	DIBROMOMETHANE	0.155	0.151	0.166	0.184	0.190	0.188	0.202	0.205	0.206	0.200	0.185	11.08
49)		1,4-DIOXANE					0.003	0.003	0.003	0.003	0.004	0.003	0.003	12.78
50)	T	BROMODICHLOROM...			0.302	0.319	0.350	0.364	0.417				0.350	12.70
51)		2-CHLOROETHYLV...	0.189	0.198	0.212	0.224	0.240	0.237	0.259	0.243	0.223	0.176	0.220	11.95
52)	T	MIBK	0.261	0.276	0.286	0.300	0.326	0.312	0.344	0.311	0.295	0.241	0.295	10.45
53)	T	CIS-1,3-DICHL...	0.315	0.334	0.343	0.390	0.428	0.461	0.525	0.567	0.582	0.567	0.451	23.09
54)	C	TOLUENE	1.186	1.251	1.237	1.325	1.309	1.303	1.393	1.427	1.423	1.319	1.317	6.06#
55)	T	TRANS-1,3,-DIC...	0.209	0.225	0.268	0.285	0.332	0.360	0.429	0.480	0.502	0.495	0.359	31.28
56)		ETHYL METHACRY...								0.582	0.585	0.549	0.572	3.45
57)	T	1,1,2-TRICHLOR...	0.209	0.230	0.229	0.267	0.272	0.271	0.295	0.304	0.309	0.305	0.269	13.29
58)		2-HEXANONE	0.156	0.177	0.186	0.193	0.221	0.214	0.240	0.228	0.223	0.190	0.203	13.09
59)	T	TETRACHLOROETHENE	0.218	0.199	0.206	0.220	0.216	0.214	0.228	0.238	0.239	0.229	0.221	5.82
60)		1,3-DICHLOROPR...	0.406	0.435	0.460	0.506	0.511	0.504	0.544	0.553	0.555	0.537	0.501	10.30
61)	T	DIBROMOCHLOROM...	0.138	0.133	0.170	0.187	0.216	0.234	0.282	0.314	0.334	0.334	0.234	33.31
62)	T	1,2-DIBROMOETHANE		0.204	0.227	0.254	0.268	0.268	0.300	0.310	0.319	0.312	0.274	14.73
63)	I	CHLOROBENZENE-D5	ISTD -----ISTD-----											
64)	S	4-BROMOFLUROBE...	0.862	0.860	0.850	0.868	0.874	0.876	0.882	0.904	0.898	0.924	0.880	2.56
65)	P	CHLOROBENZENE	1.356	1.382	1.399	1.490	1.494	1.495	1.579	1.607	1.605	1.483	1.489	6.05
66)	T	1,1,1,2-TETRAC...				0.364	0.400	0.424	0.471	0.511	0.526	0.512	0.458	13.76
67)	C	ETHYLBENZENE	2.087	2.114	2.281	2.421	2.485	2.495	2.660	2.713	2.670	2.404	2.433	9.06#
68)	T	M/P-XYLENES	1.654	1.712	1.804	1.917	1.977	2.009	2.111	2.150	2.074	1.761	1.917	9.15
69)	T	0-XYLENE	1.727	1.726	1.852	2.012	2.061	2.115	2.227	2.294	2.253	2.051	2.032	10.15
70)	T	STYRENE			1.266	1.443	1.567	1.655	1.772	1.889	1.881	1.737	1.651	13.16
71)	P	BROMOFORM		0.125	0.139	0.170	0.209	0.231	0.292	0.345	0.400	0.425	0.259	43.00
72)	T	ISOPROPYLBENZENE	1.737	1.822	1.882	2.116	2.141	2.210	2.337	2.442	2.431	2.235	2.135	11.66
73)		CIS-1,4-DICHL...					0.157	0.165	0.197	0.205	0.225		0.190	14.96
74)	P	1,1,2,2-TETRAC...		0.502	0.564	0.593	0.631	0.622	0.679	0.699	0.736	0.747	0.642	12.70
75)		1,4-DICHLORO-2...				0.113	0.149	0.152	0.183	0.199	0.219	0.226	0.177	23.28
76)		BROMOBENZENE	0.914	0.871	0.956	0.991	1.015	1.010	1.061	1.111	1.111	1.075	1.012	8.01
77)	T	1,2,3-TRICHLOR...		0.140	0.163	0.164	0.187	0.186	0.198	0.201	0.211	0.211	0.185	13.24
78)	T	N-PROPYLBENZENE	1.957	2.053	2.180	2.352	2.409	2.536	2.682	2.814	2.754	2.550	2.429	12.10
79)	T	2-CHLOROTOLUENE	1.508	1.573	1.610	1.727	1.728	1.731	1.836	1.898	1.876	1.781	1.727	7.51
80)	T	1,3,5-TRIMETHY...	1.366	1.463	1.561	1.696	1.813	1.881	2.021	2.108	2.060	1.857	1.783	14.33
81)		4-CHLOROTOLUENE	1.655	1.718	1.826	1.913	1.976	2.012	2.124	2.227	2.172	1.969	1.959	9.58
82)	I	1,4-DICHLOROBENZEN...	-----ISTD-----											
83)	T	TERT-BUTYLBENZENE	1.355	1.429	1.508	1.580	1.594	1.588	1.668	1.682	1.682	1.564	1.565	6.91
84)	T	1,2,4-TRIMETHY...	1.682	1.720	1.991	2.112	2.154	2.223	2.318	2.357	2.354	2.125	2.104	11.51
85)		SEC-BUTYLBENZENE	1.855	1.837	2.003	2.164	2.187	2.227	2.326	2.370	2.365	2.145	2.148	9.05
86)	T	1,3-DICHLOROB...	1.171	1.145	1.186	1.242	1.236	1.257	1.304	1.338	1.353	1.280	1.251	5.58
87)	T	P-ISOPROPYLTOL...	1.451	1.385	1.528	1.635	1.703	1.755	1.839	1.868	1.864	1.689	1.672	10.24
88)	T	1,4-DICHLOROB...	1.135	1.262	1.220	1.292	1.256	1.276	1.318	1.338	1.360	1.279	1.274	5.01
89)	T	N-BUTYLBENZENE			1.186	1.392	1.506	1.593	1.684	1.742	1.759	1.563	1.553	12.39

Method Path : W:\METHODS\

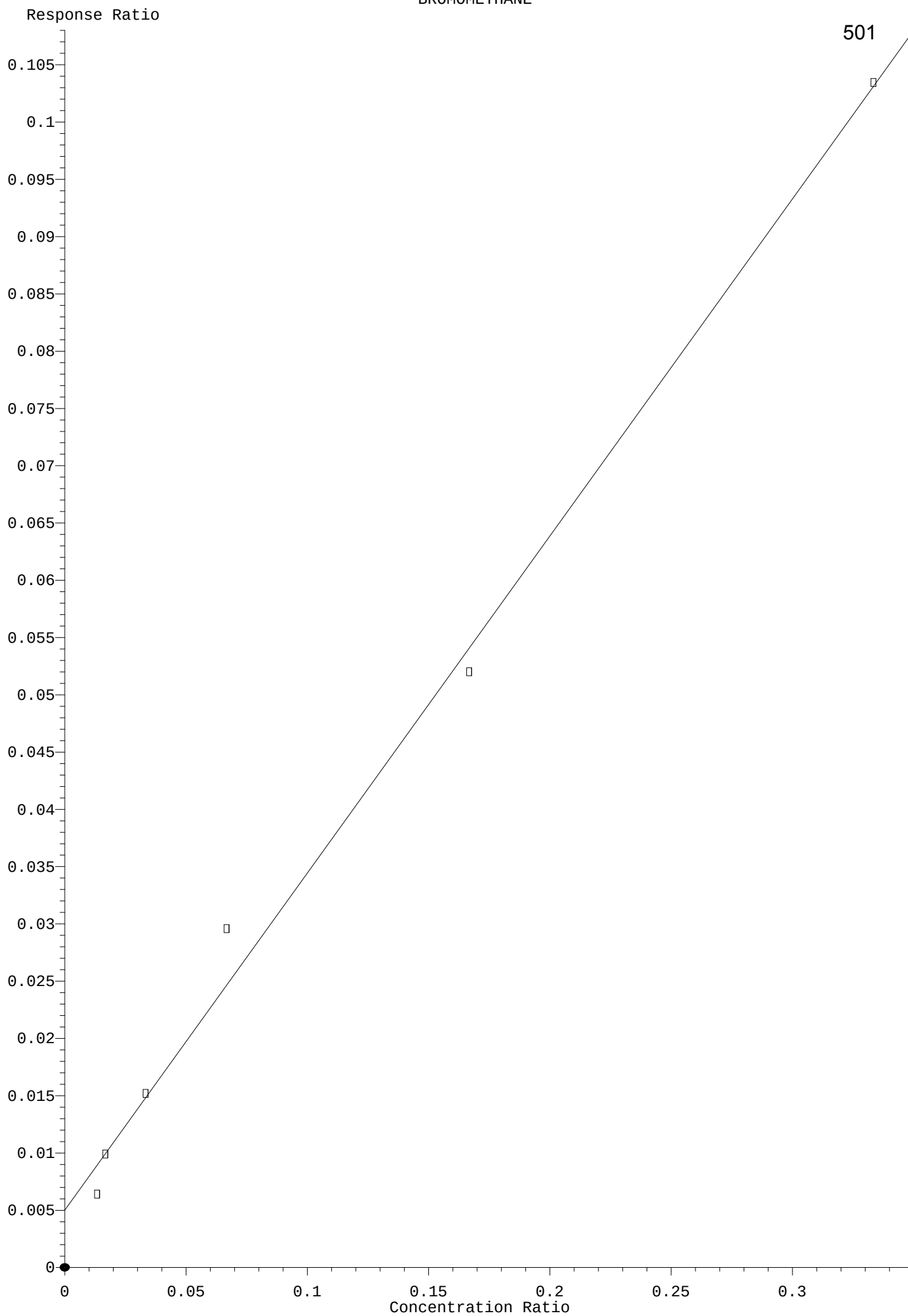
Method File : B1217W12.M

Title : 8260 CALIBRATION VOAMS 5973

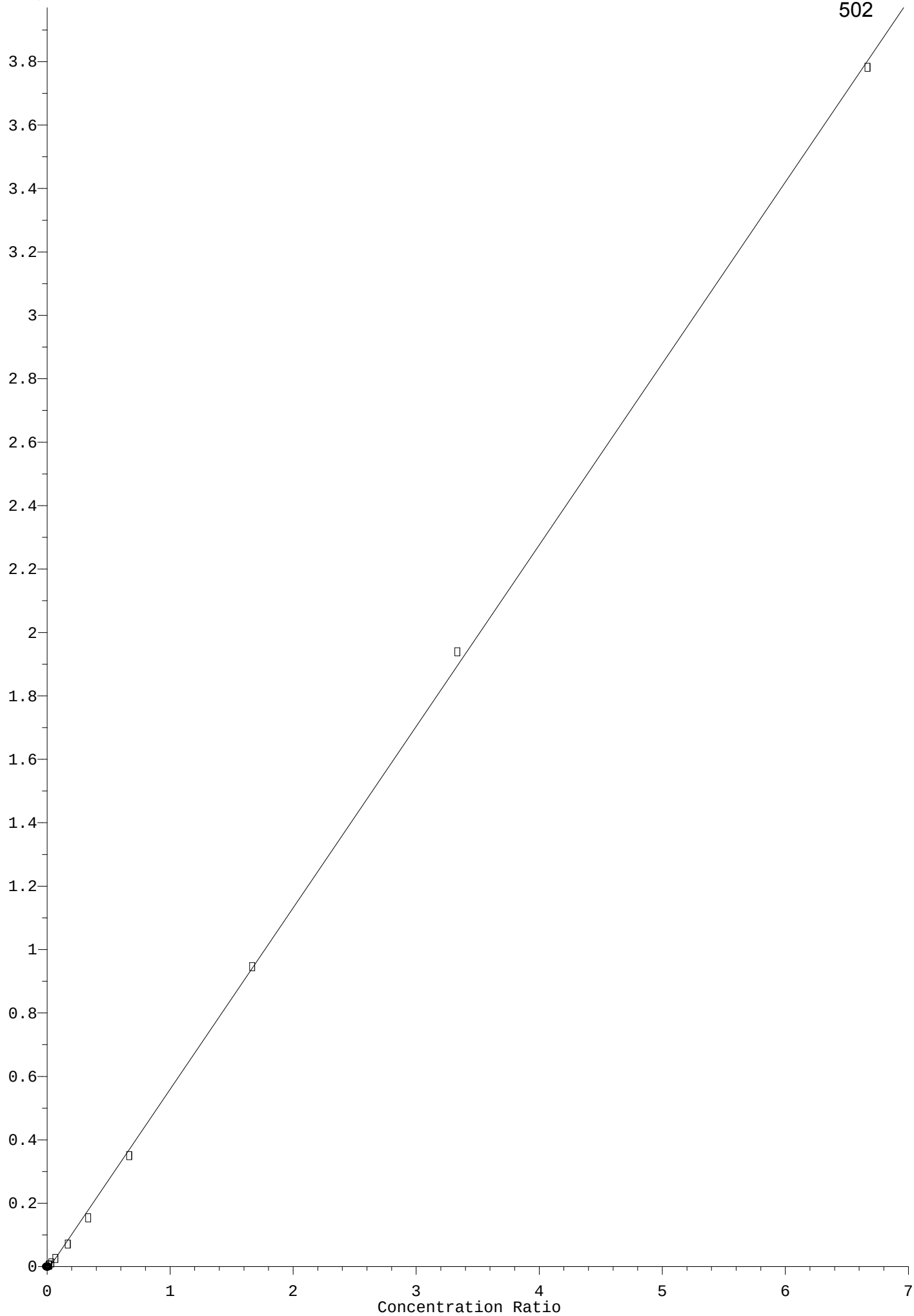
90) T	1,2-DICHLOROBE...	1.015	1.075	1.150	1.226	1.234	1.229	1.282	1.300	1.325	1.234	1.207	8.18
91)	1,2-DIBROMO-3-...				0.039	0.063	0.065	0.080	0.090	0.107	0.106	0.079	31.59
92)	1,3,5-TRICHLOR...			0.455	0.506	0.574	0.586	0.637	0.650	0.679	0.631	0.590	12.99
93) T	1,2,4-TRICHLOR...					0.295	0.316	0.416	0.437	0.500	0.476	0.407	20.65
94) T	HEXACHLOROBUTA...	0.268	0.251	0.235	0.260	0.268	0.263	0.277	0.276	0.288	0.265	0.265	5.53
95) T	NAPHTHALENE				0.216	0.428	0.473	0.698	0.742	0.941	0.896	0.628	42.21
96)	1,2,3-TRICHLOR...			0.055	0.084	0.170	0.167	0.244	0.237	0.292	0.279	0.191	46.07

(#) = Out of Range

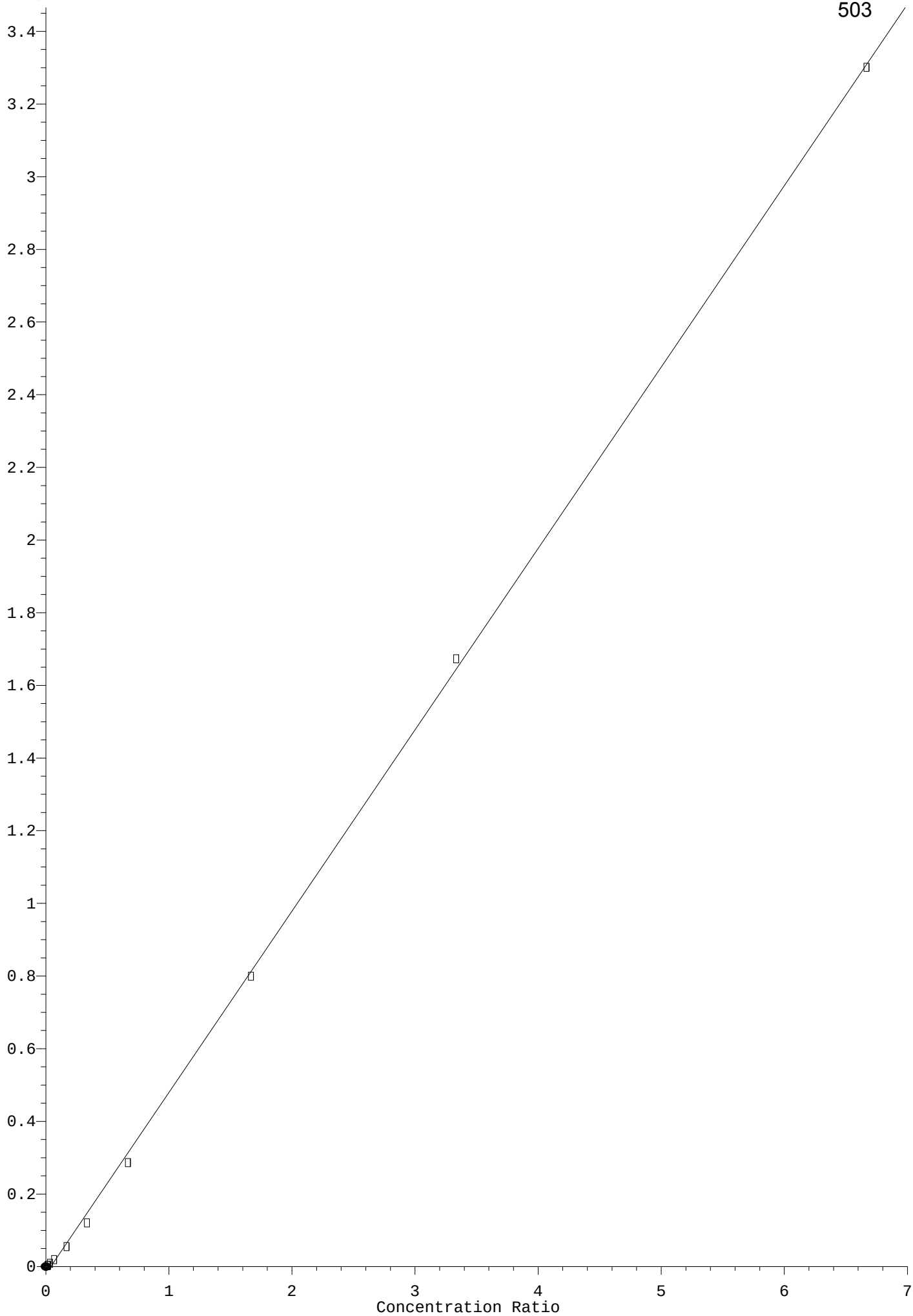
BROMOMETHANE



Response Ratio

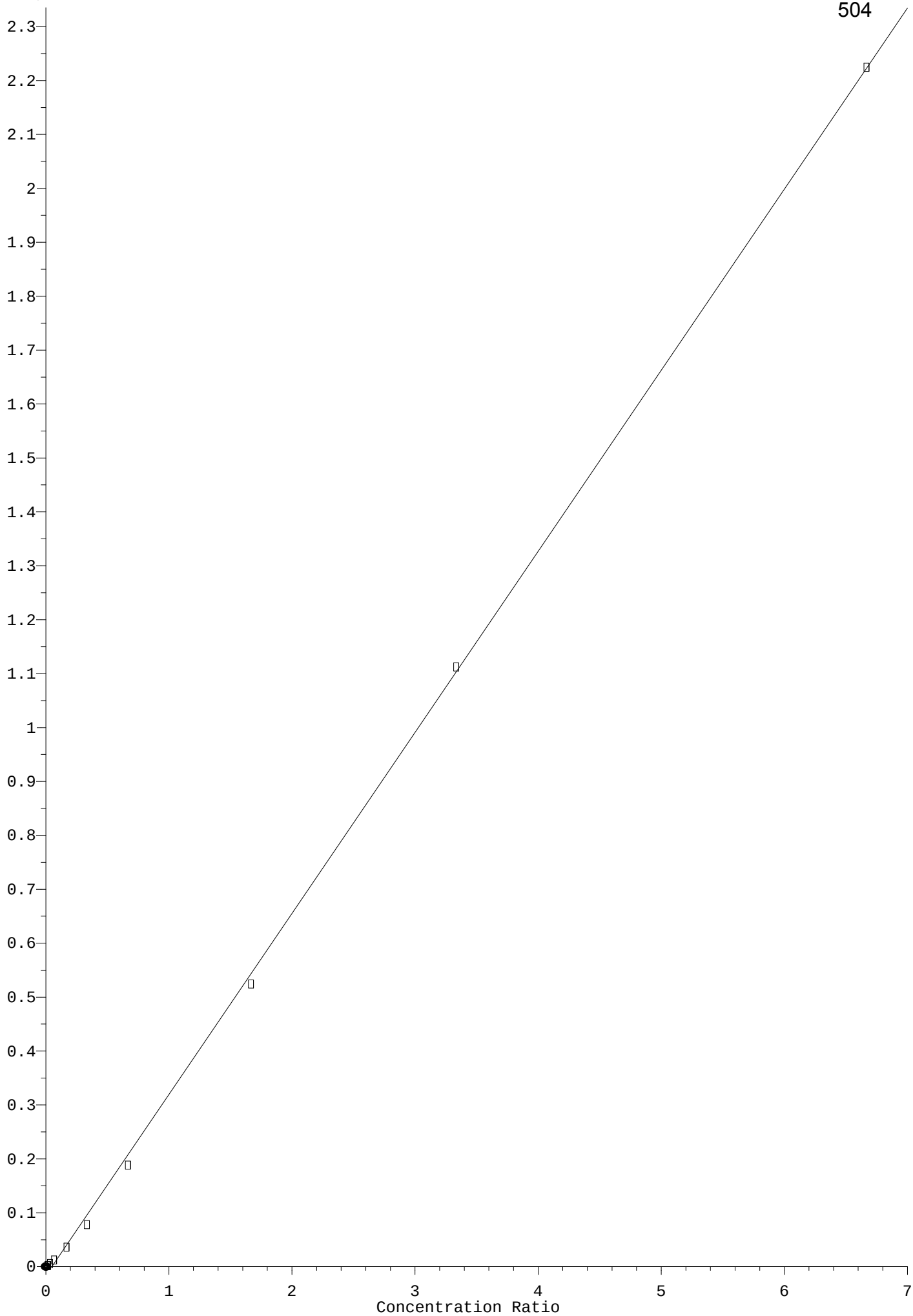


Response Ratio

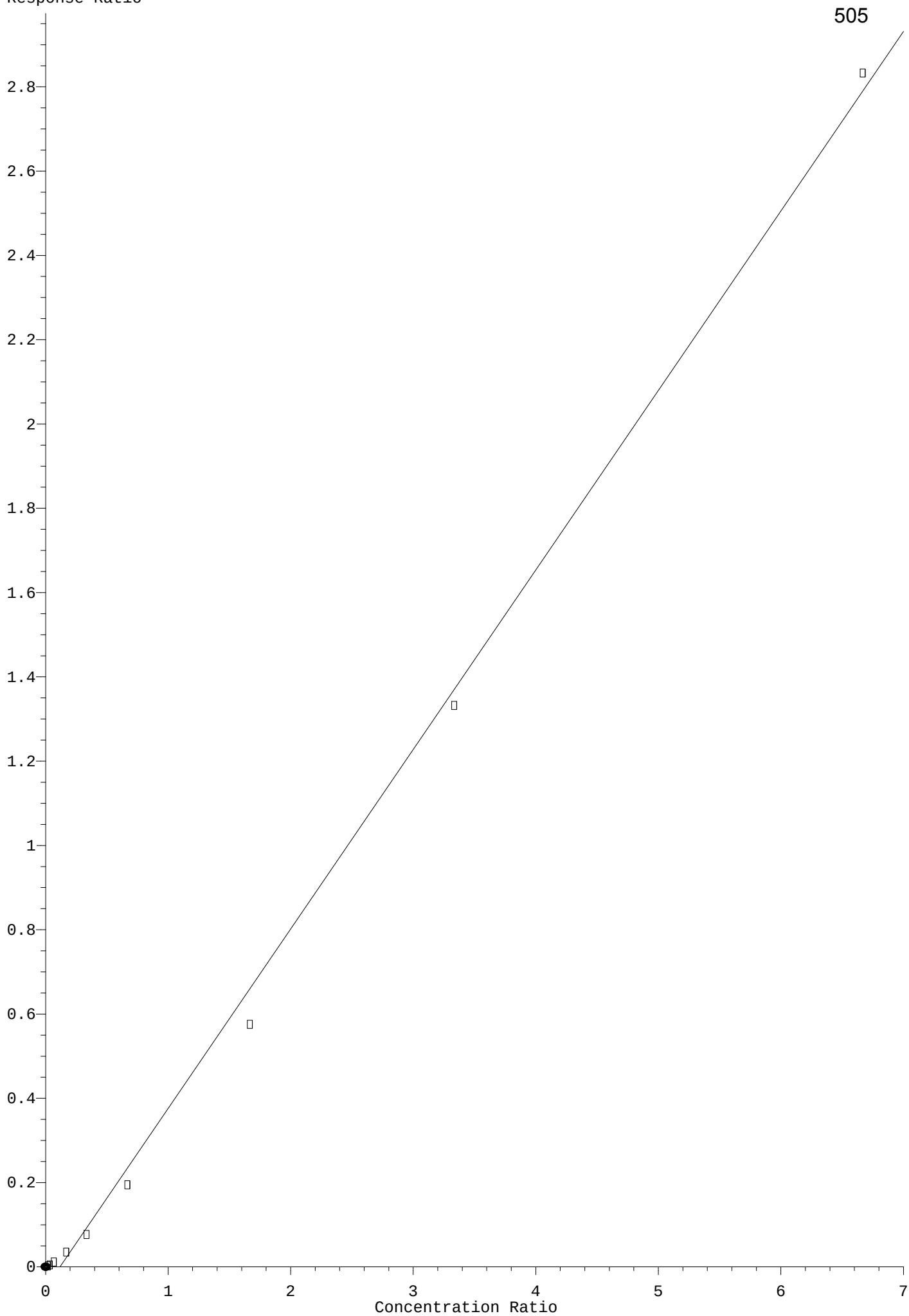


DIBROMOCHLOROMETHANE

Response Ratio

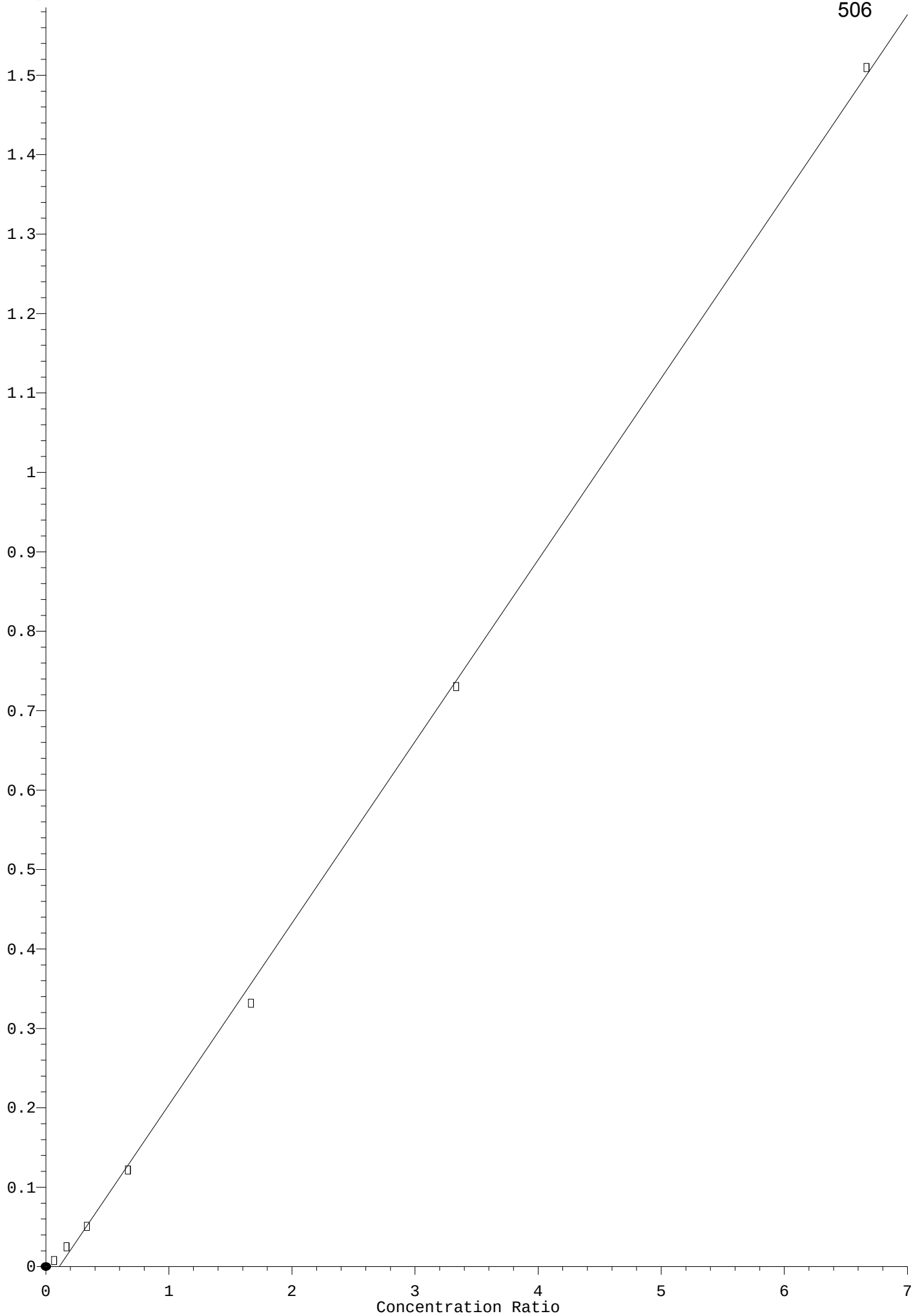


Response Ratio

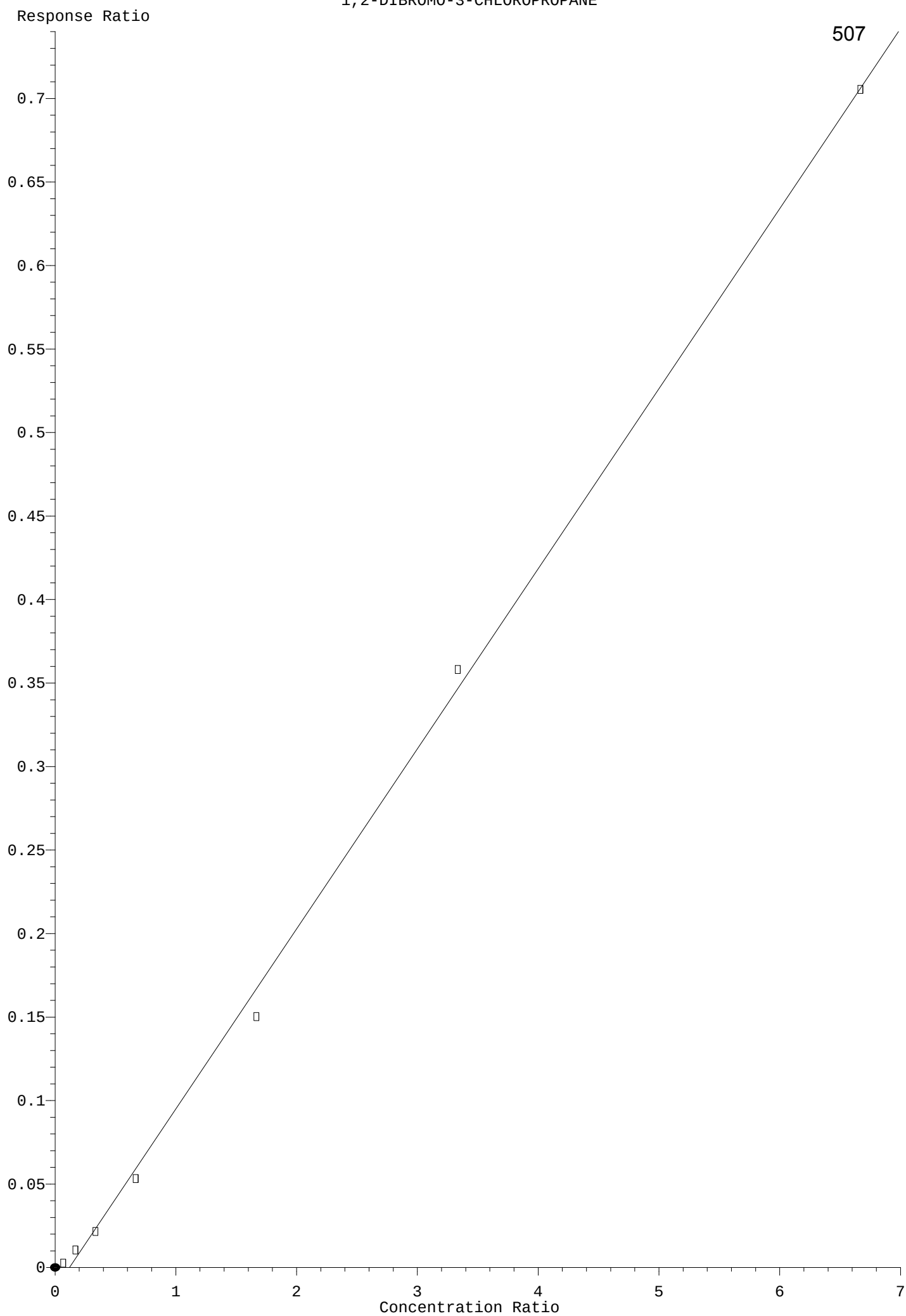


1,4-DICHLORO-2-BUTENE(TRANS)

Response Ratio

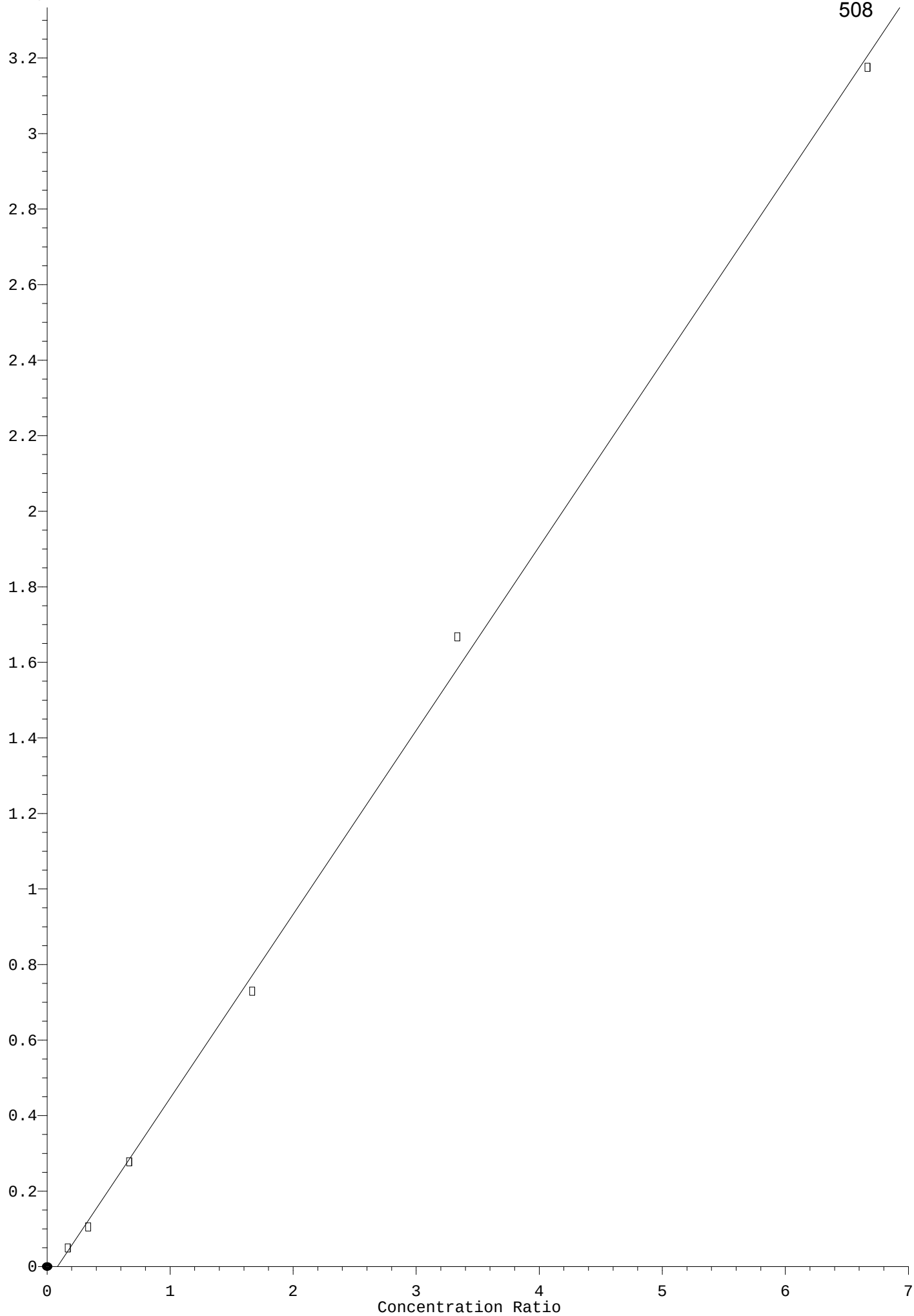


506



1,2,4-TRICHLOROBENZENE

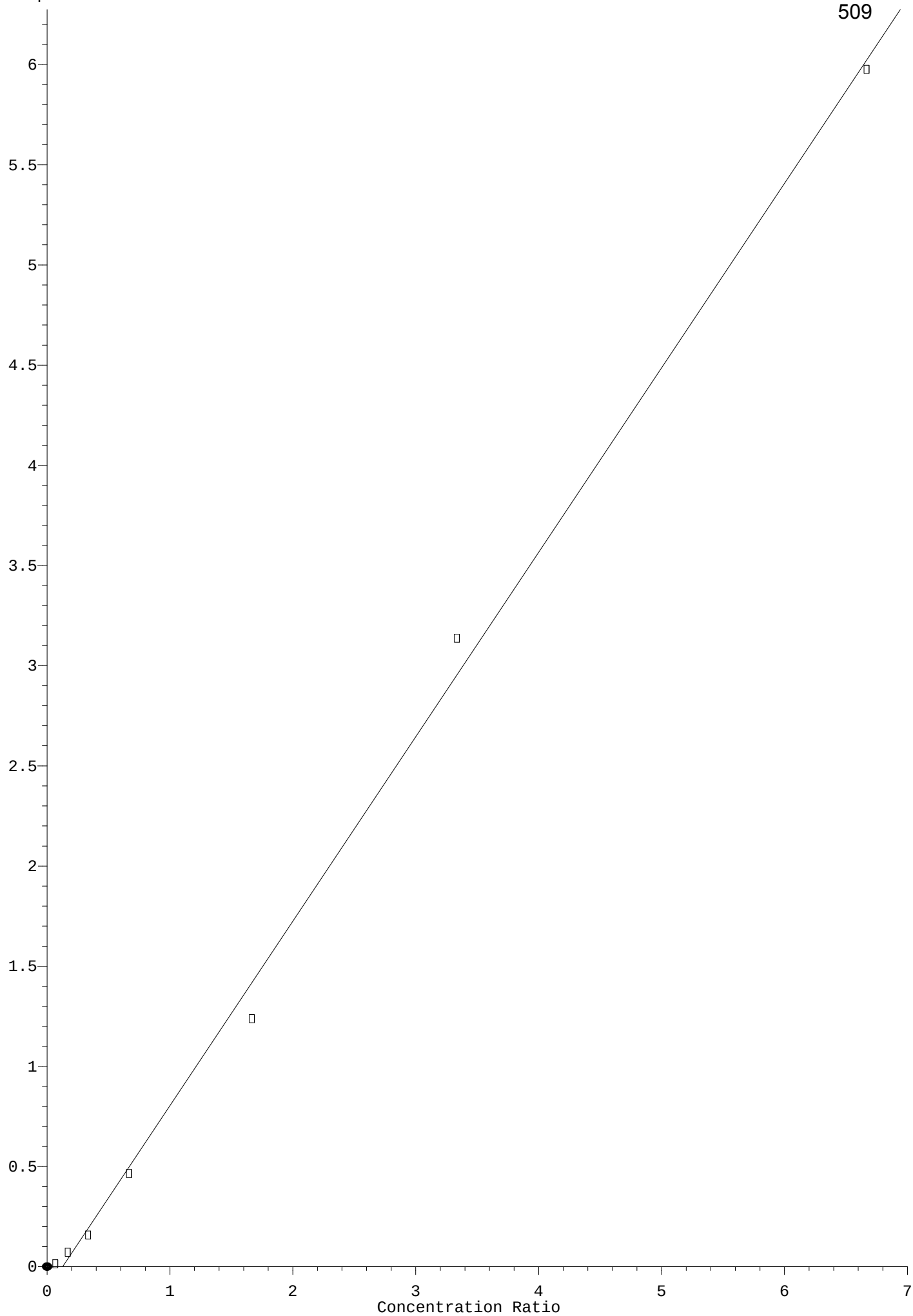
Response Ratio



508

NAPHTHALENE

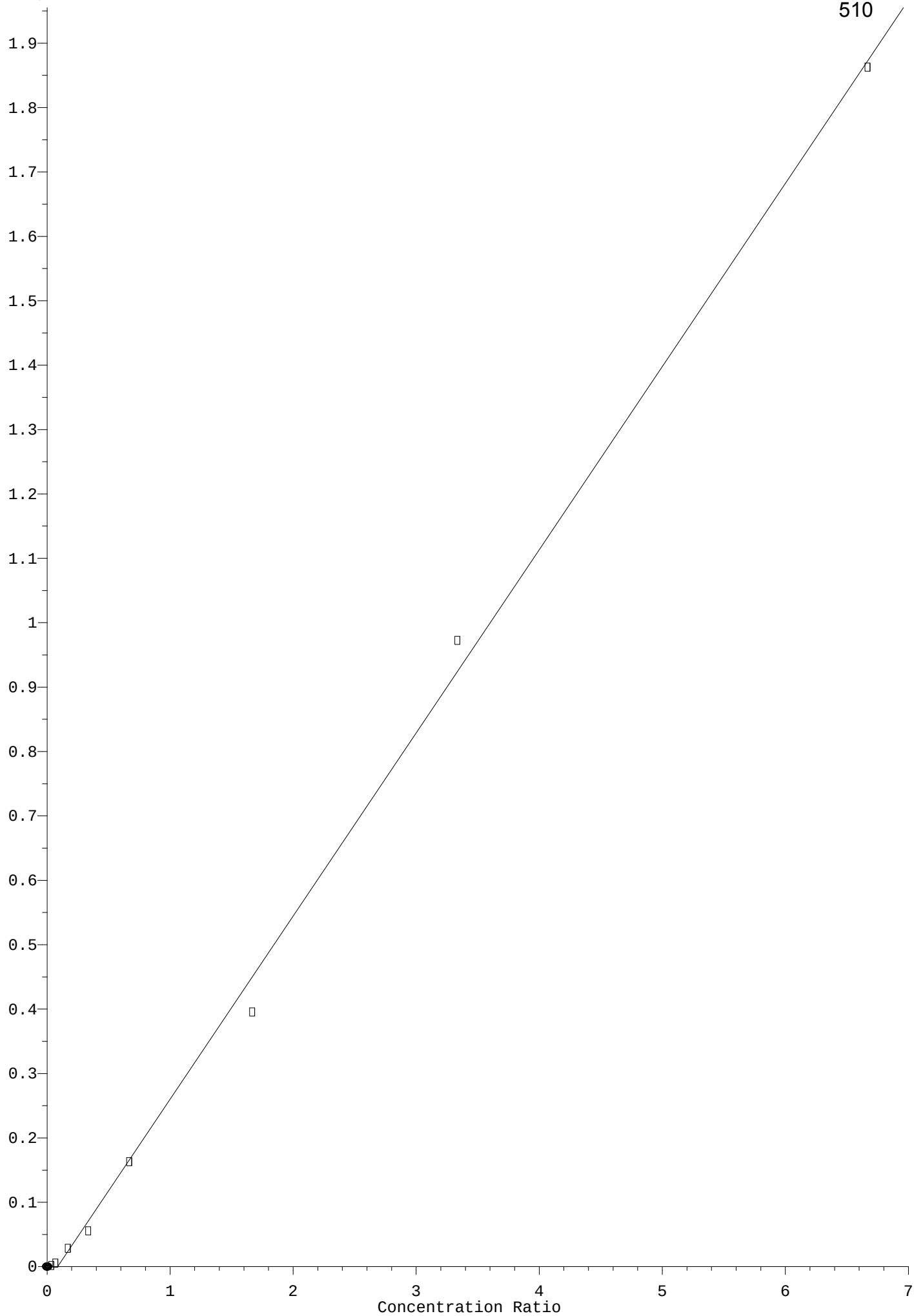
Response Ratio



509

1, 2, 3-TRICHLOROBENZENE

Response Ratio

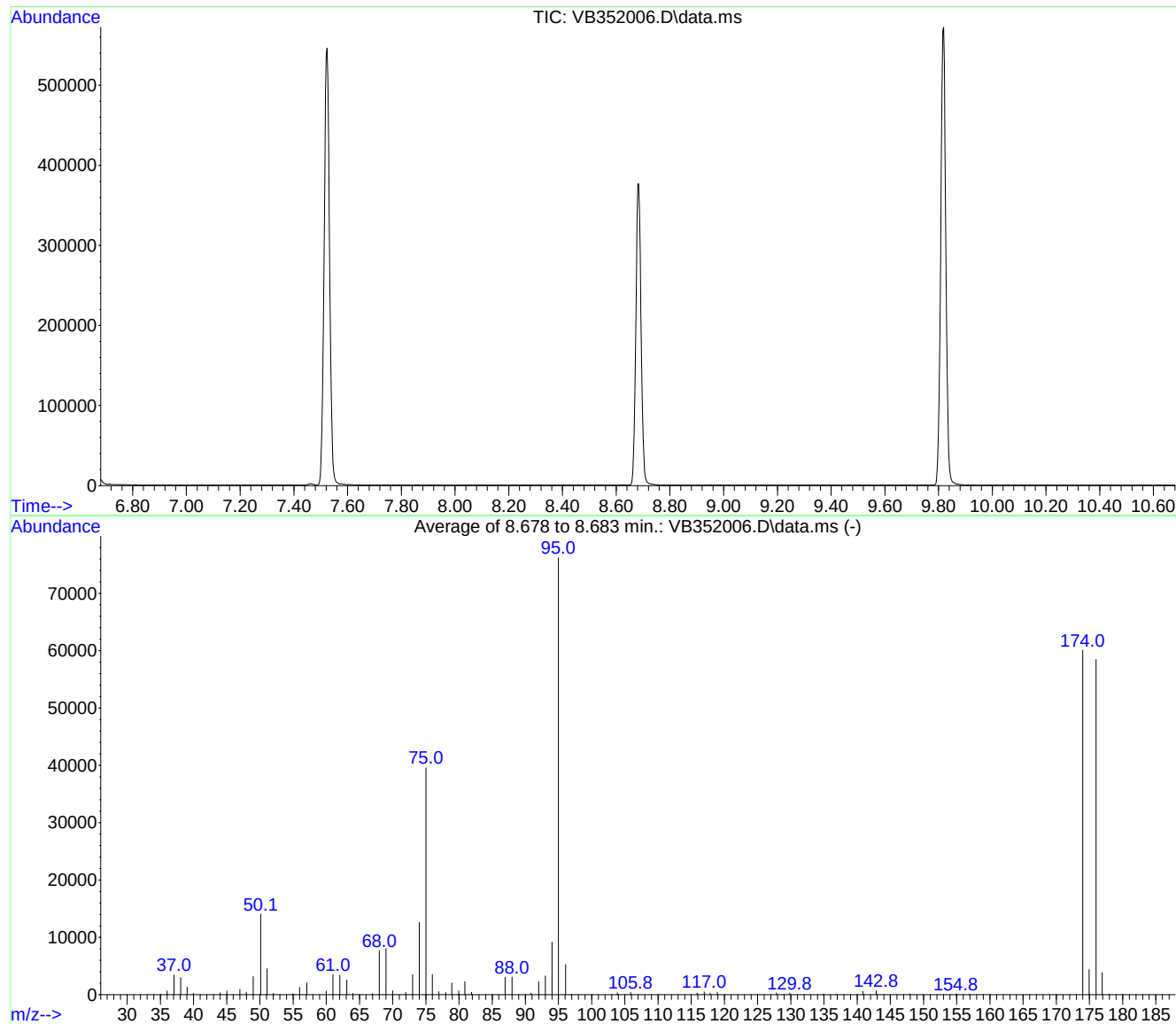


Data Path : W:\DATA\121712\
Data File : VB352006.D
Acq On : 17 Dec 2012 2:15 pm
Operator :
Sample : BFB
Misc :
ALS Vial : 2 Sample Multiplier: 1

511

Integration File: 8260LOW.P

Method : W:\METHODS\B1217W12.M
Title : 8260 CALIBRATION VOAMS 5973
Last Update : Tue Jul 03 12:32:45 2012



AutoFind: Scans 2765, 2766, 2767; Background Corrected with Scan 2753

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.4	14016	PASS
75	95	30	60	51.9	39549	PASS
95	95	100	100	100.0	76160	PASS
96	95	5	9	6.9	5227	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	78.9	60069	PASS
175	174	5	9	7.2	4352	PASS
176	174	95	101	97.3	58453	PASS
177	176	5	9	6.6	3857	PASS

Data File : W:\DATA\ARCHIVE\121712\VB352007.D
 Acq On : 17 Dec 2012 2:46 pm
 Sample : 8260 STD 0.4 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Feb 07 17:04:33 2013

Vial: 3
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

512

Quant Method : C:\MSDCHEM\1\METHODS\B1206W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Dec 07 05:31:05 2012
 Response via : Initial Calibration
 DataAcq Meth:B1206W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.959	168	174023	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.682	114	270853	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.523	82	152590	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.818	152	124745	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.230	65	90453	20.62	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	82.48%	
43) TOLUENE-D8 SS	6.123	98	283062	25.02	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	100.08%	
64) 4-BROMOFLUROBENZENE SS	8.683	95	109655	23.68	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	94.72%	
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	1287	0.382	UG/L	# 42
4) DIFLUOROCHLOROMETHANE	1.042	51	1221	0.418	UG/L	# 71
5) CHLOROMETHANE	1.134	50	1520	0.777	UG/L	# 40
6) VINYL CHLORIDE	1.193	62	1321	0.529	UG/L	# 42
7) BROMOMETHANE	1.374	94	1115	0.433	UG/L	94
8) CHLOROETHANE	1.430	64	629	0.511	UG/L	92
9) FLUORODICHLOROMETHANE	1.533	67	1731	0.384	UG/L	96
10) TRICHLOROFLUOROMETHANE	1.572	101	1155	0.261	UG/L	99
11) ETHANOL	1.670	45	178	9.272	UG/L	# 9
12) DI ETHYL ETHER	1.745	59	736	0.393	UG/L	# 78
13) ACROLEIN	1.826	56	1700	4.510	UG/L	# 90
14) ACETONE	1.929	43	3698	6.050	UG/L	# 85
15) 1,1-DICHLOROETHENE	1.893	61	1186	0.335	UG/L	# 75
16) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	592	0.320	UG/L	# 11
17) IODOMETHANE	1.999	142	8460	Below	Cal	# 82
18) METHYL ACETATE	2.155	43	1244	0.799	UG/L	# 42
19) T-BUTYL ALCOHOL	2.311	59	864	3.315	UG/L	# 64
20) ACRYLONITRILE	0.000		0	N.D.		
21) METHYLENE CHLORIDE	2.228	49	2875	0.989	UG/L	# 81
22) CARBON DISULFIDE	2.044	76	24133	4.144	UG/L	# 91
23) METHYL TERT-BUTYL ETHE...	2.451	73	2537	0.334	UG/L	# 86
24) TRANS 1,2-DICHLOROETHENE	2.448	61	1399	0.400	UG/L	95
25) 1,1-DICHLOROETHANE	2.822	63	1633	0.375	UG/L	# 50
26) VINYL ACETATE	2.880	43	22384	5.299	UG/L	# 80
27) DI ISOPROPYL ETHER	2.897	45	3088	0.551	UG/L	# 61
28) 2-BUTANONE	0.000		0	N.D.	d	
29) T-BUTYL ETHYL ETHER	3.268	59	2755	0.366	UG/L	94
30) CIS-1,2-DICHLOROETHENE	3.404	61	1565	0.394	UG/L	96
31) 2,2-DICHLOROPROPANE	3.399	77	1172	0.352	UG/L	# 47
32) ETHYL ACETATE	0.000		0	N.D.	d	
33) BROMOCHLOROMETHANE	0.000		0	N.D.		
34) TETRAHYDROFURAN	0.000		0	N.D.		
35) CHLOROFORM	3.739	83	1769	0.357	UG/L	94
36) 1,1,1-TRICHLOROETHANE	3.912	97	1094	0.242	UG/L	# 40
37) CYCLOHEXANE	3.959	56	4535	1.530	UG/L	# 56
38) CARBON TETRACHLORIDE	4.068	117	850	0.229	UG/L	100
39) 1,1-DICHLOROPROPENE	4.079	75	1376	0.419	UG/L	# 42
40) BENZENE	4.283	78	4194	0.478	UG/L	93
41) T-AMYL METHYL ETHER	4.417	73	2460	0.377	UG/L	# 70
44) 1,2-DICHLOROETHANE	4.305	62	1405	0.274	UG/L	# 60
45) TRICHLOROETHENE	4.933	95	949	0.348	UG/L	93
46) METHYLCYCLOHEXANE	5.100	83	931	0.418	UG/L	# 83
47) 1,2-DICHLOROPROPANE	5.145	63	931	0.399	UG/L	# 89
48) DIBROMOMETHANE	5.262	93	561	0.316	UG/L	# 5
49) 1,4-DIOXANE	0.000		0	N.D.		
50) BROMODICHLOROMETHANE	5.426	83	982	0.251	UG/L	# 90
51) 2-CHLOROETHYL VINYLETHER	5.747	63	6817	3.843	UG/L	# 83
52) MIBK	6.042	43	9409	5.130	UG/L	# 72
53) CIS-1,3-DICHLOROPROPENE	5.872	75	1137	0.474	UG/L	# 69

Data File : W:\DATA\ARCHIVE\121712\VB352007.D
 Acq On : 17 Dec 2012 2:46 pm
 Sample : 8260 STD 0.4 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Feb 07 17:04:33 2013

Vial: 3
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

513

Quant Method : C:\MSDCHEM\1\METHODS\B1206W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Dec 07 05:31:05 2012
 Response via : Initial Calibration
 DataAcq Meth:B1206W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) TOLUENE	6.188	91	4282	0.408	UG/L	99
55) TRANS-1,3,-DICHLOOROPRO...	6.422	75	756	0.938	UG/L #	44
56) ETHYL METHACRYLATE	6.756	41	1036	0.593	UG/L #	1
57) 1,1,2-TRICHLOROETHANE	6.595	97	754	0.300	UG/L #	63
58) 2-HEXANONE	6.865	43	5628	4.585	UG/L #	75
59) TETRACHLOROETHENE	6.717	164	787	0.410	UG/L	93
60) 1,3-DICHLOROPROPANE	6.754	76	1467	0.341	UG/L #	58
61) DIBROMOCHLOROMETHANE	0.000		0	N.D.		
62) 1,2-DIBROMOETHANE	7.066	107	671	0.265	UG/L #	100
65) CHLOROBENZENE	7.551	112	2758	0.396	UG/L #	45
66) 1,1,1,2-TETRACHLOROETHANE	0.000		0	N.D.		
67) ETHYLBENZENE	7.674	91	4247	0.374	UG/L	100
68) M/P-XYLENES	7.794	91	6730	0.734	UG/L	98
69) O-XYLENE	8.176	91	3514	0.358	UG/L	100
70) STYRENE	8.193	104	2085	0.294	UG/L #	91
71) BROMOFORM	0.000		0	N.D.		
72) ISOPROPYLBENZENE	8.547	105	3535	0.347	UG/L	94
73) CIS-1,4-DICHLORO-2-BUTENE	8.628	53	206	1.867	UG/L #	1
74) 1,1,2,2-TETRACHLOROETHANE	8.856	83	896	0.318	UG/L #	95
75) 1,4-DICHLORO-2-BUTENE(...	0.000		0	N.D.		
76) BROMOBENZENE	8.820	77	1859	0.397	UG/L	96
77) 1,2,3-TRICHLOROPROPANE	0.000		0	N.D.		
78) N-PROPYLBENZENE	8.954	91	3982	0.349	UG/L	93
79) 2-CHLOROTOLUENE	9.018	91	3068	0.364	UG/L	93
80) 1,3,5-TRIMETHYLBENZENE	9.132	105	2780	0.300	UG/L	97
81) 4-CHLOROTOLUENE	9.130	91	3368	0.346	UG/L	90
83) TERT-BUTYLBENZENE	9.447	119	2253	0.316	UG/L	97
84) 1,2,4-TRIMETHYLBENZENE	9.495	105	2797	0.288	UG/L	97
85) SEC-BUTYLBENZENE	9.665	105	3085	0.339	UG/L #	57
86) 1,3-DICHLOROBENZENE	9.751	146	1948	0.404	UG/L #	87
87) P-ISOPROPYLTOLUENE	9.816	119	2414	0.322	UG/L #	91
88) 1,4-DICHLOROBENZENE	9.843	146	1887	0.374	UG/L #	62
89) N-BUTYLBENZENE	10.220	91	1749	Below	Cal #	75
90) 1,2-DICHLOROBENZENE	10.206	146	1688	0.356	UG/L #	90
91) 1,2-DIBROMO-3-CHLOROPR...	0.000		0	N.D.		
92) 1,3,5-TRICHLOROBENZENE	11.188	180	640	1.417	UG/L	97
93) 1,2,4-TRICHLOROBENZENE	0.000		0	N.D.		
94) HEXACHLOROBUTADIENE	0.000		0	N.D.		
95) NAPHTHALENE	0.000		0	N.D.		
96) 1,2,3-TRICHLOROBENZENE	0.000		0	N.D.		

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

514

[illegible]

Data File : W:\DATA\ARCHIVE\121712\VB352008.D
 Acq On : 17 Dec 2012 3:17 pm
 Sample : 8260 STD 0.5 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Feb 07 17:04:48 2013

Vial: 4
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

515

Quant Method : C:\MSDCHEM\1\METHODS\B1206W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Dec 07 05:31:05 2012
 Response via : Initial Calibration
 DataAcq Meth:B1206W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.962	168	171132	30.00	UG/L	0.00
42) 1,4-DIFLUOROBENZENE - ...	4.685	114	269483	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.523	82	152153	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.818	152	122567	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.230	65	91040	21.10	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	84.40%	
43) TOLUENE-D8 SS	6.123	98	281456	25.01	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	100.04%	
64) 4-BROMOFLUOROBENZENE SS	8.683	95	109090	23.63	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	94.52%	
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	1.034	85	1584	0.478	UG/L	# 42
4) DIFLUOROCHLOROMETHANE	1.045	51	1549	0.539	UG/L	# 79
5) CHLOROMETHANE	1.132	50	1831	0.952	UG/L	89
6) VINYL CHLORIDE	1.190	62	1548	0.630	UG/L	99
7) BROMOMETHANE	1.372	94	1695	0.855	UG/L	84
8) CHLOROETHANE	1.430	64	815	0.673	UG/L	95
9) FLUORODICHLOROMETHANE	1.536	67	2258	0.510	UG/L	97
10) TRICHLOROFLUOROMETHANE	1.575	101	1544	0.354	UG/L	98
11) ETHANOL	1.745	45	983	52.071	UG/L	# 48
12) DI ETHYL ETHER	1.748	59	972	0.527	UG/L	# 67
13) ACROLEIN	1.826	56	2001	5.398	UG/L	# 100
14) ACETONE	1.927	43	4497	7.482	UG/L	89
15) 1,1-DICHLOROETHENE	1.893	61	1599	0.459	UG/L	99
16) 1,1,2-TRICL-1,2,2-TRIF...	1.890	101	805	0.443	UG/L	88
17) IODOMETHANE	1.999	142	10589	Below	Cal	# 81
18) METHYL ACETATE	2.155	43	1592	1.040	UG/L	# 42
19) T-BUTYL ALCOHOL	2.317	59	1133	4.421	UG/L	# 64
20) ACRYLONITRILE	0.000		0	N.D.		
21) METHYLENE CHLORIDE	2.231	49	3821	1.337	UG/L	# 78
22) CARBON DISULFIDE	2.044	76	31131	5.436	UG/L	# 89
23) METHYL TERT-BUTYL ETHE...	2.448	73	3428	0.459	UG/L	# 89
24) TRANS 1,2-DICHLOROETHENE	2.448	61	1676	0.487	UG/L	95
25) 1,1-DICHLOROETHANE	2.822	63	2173	0.507	UG/L	# 87
26) VINYL ACETATE	2.883	43	28521	6.866	UG/L	# 82
27) DI ISOPROPYL ETHER	2.897	45	4023	0.729	UG/L	# 69
28) 2-BUTANONE	0.000		0	N.D.	d	
29) T-BUTYL ETHYL ETHER	3.276	59	3548	0.479	UG/L	95
30) CIS-1,2-DICHLOROETHENE	3.410	61	2070	0.530	UG/L	96
31) 2,2-DICHLOROPROPANE	3.402	77	1435	0.438	UG/L	# 47
32) ETHYL ACETATE	0.000		0	N.D.	d	
33) BROMOCHLOROMETHANE	0.000		0	N.D.		
34) TETRAHYDROFURAN	0.000		0	N.D.		
35) CHLOROFORM	3.736	83	2419	0.497	UG/L	92
36) 1,1,1-TRICHLOROETHANE	3.918	97	1499	0.338	UG/L	88
37) CYCLOHEXANE	3.962	56	4848	1.663	UG/L	# 64
38) CARBON TETRACHLORIDE	4.071	117	1048	0.287	UG/L	100
39) 1,1-DICHLOROPROPENE	4.077	75	1680	0.520	UG/L	# 42
40) BENZENE	4.280	78	5342	0.619	UG/L	95
41) T-AMYL METHYL ETHER	4.417	73	3359	0.523	UG/L	# 91
44) 1,2-DICHLOROETHANE	4.308	62	1901	0.372	UG/L	# 60
45) TRICHLOROETHENE	4.930	95	1243	0.458	UG/L	96
46) METHYLCYCLOHEXANE	5.106	83	1194	0.539	UG/L	# 91
47) 1,2-DICHLOROPROPANE	5.150	63	1201	0.517	UG/L	# 91
48) DIBROMOMETHANE	5.262	93	680	0.385	UG/L	95
49) 1,4-DIOXANE	0.000		0	N.D.		
50) BROMODICHLOROMETHANE	5.423	83	1119	0.287	UG/L	# 94
51) 2-CHLOROETHYL VINYLETHER	5.753	63	8875	5.029	UG/L	# 81
52) MIBK	6.043	43	12375	6.782	UG/L	# 75
53) CIS-1,3-DICHLOROPROPENE	5.870	75	1500	0.556	UG/L	# 75

Data File : W:\DATA\ARCHIVE\121712\VB352008.D
 Acq On : 17 Dec 2012 3:17 pm
 Sample : 8260 STD 0.5 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Feb 07 17:04:48 2013

Vial: 4
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

516

Quant Method : C:\MSDCHEM\1\METHODS\B1206W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Dec 07 05:31:05 2012
 Response via : Initial Calibration
 DataAcq Meth:B1206W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) TOLUENE	6.190	91	5620	0.539	UG/L	99
55) TRANS-1,3,-DICHLOROPRO...	6.427	75	1010	0.997	UG/L #	44
56) ETHYL METHACRYLATE	6.756	41	1257	0.723	UG/L #	1
57) 1,1,2-TRICHLOROETHANE	6.595	97	1035	0.414	UG/L	95
58) 2-HEXANONE	6.868	43	7931	6.494	UG/L #	76
59) TETRACHLOROETHENE	6.715	164	894	0.469	UG/L	96
60) 1,3-DICHLOROPROPANE	6.754	76	1952	0.455	UG/L #	84
61) DIBROMOCHLOROMETHANE	6.966	129	598	1.180	UG/L #	10
62) 1,2-DIBROMOETHANE	7.069	107	918	0.364	UG/L #	99
65) CHLOROBENZENE	7.554	112	3505	0.505	UG/L #	44
66) 1,1,1,2-TETRACHLOROETHANE	7.643	131	730	0.307	UG/L #	64
67) ETHYLBENZENE	7.674	91	5362	0.474	UG/L	96
68) M/P-XYLENES	7.791	91	8683	0.949	UG/L	98
69) O-XYLENE	8.176	91	4377	0.447	UG/L	98
70) STYRENE	8.193	104	3062	0.433	UG/L #	73
71) BROMOFORM	0.000		0	N.D.		
72) ISOPROPYLBENZENE	8.541	105	4621	0.455	UG/L	94
73) CIS-1,4-DICHLORO-2-BUTENE	8.622	53	227	1.888	UG/L #	1
74) 1,1,2,2-TETRACHLOROETHANE	8.848	83	1272	0.453	UG/L #	94
75) 1,4-DICHLORO-2-BUTENE(...	0.000		0	N.D.		
76) BROMOBENZENE	8.817	77	2208	0.473	UG/L	99
77) 1,2,3-TRICHLOROPROPANE	0.000		0	N.D.		
78) N-PROPYLBENZENE	8.951	91	5205	0.458	UG/L	91
79) 2-CHLOROTOLUENE	9.018	91	3989	0.475	UG/L	95
80) 1,3,5-TRIMETHYLBENZENE	9.132	105	3710	0.402	UG/L	94
81) 4-CHLOROTOLUENE	9.130	91	4357	0.449	UG/L	97
83) TERT-BUTYLBENZENE	9.445	119	2920	0.416	UG/L	95
84) 1,2,4-TRIMETHYLBENZENE	9.492	105	3514	0.369	UG/L	99
85) SEC-BUTYLBENZENE	9.662	105	3752	0.420	UG/L	91
86) 1,3-DICHLOROBENZENE	9.749	146	2338	0.494	UG/L	92
87) P-ISOPROPYLTOLUENE	9.813	119	2830	0.384	UG/L #	89
88) 1,4-DICHLOROBENZENE	9.846	146	2579	0.520	UG/L #	63
89) N-BUTYLBENZENE	10.223	91	2202	0.027	UG/L	96
90) 1,2-DICHLOROBENZENE	10.203	146	2197	0.472	UG/L #	90
91) 1,2-DIBROMO-3-CHLOROPR...	0.000		0	N.D.		
92) 1,3,5-TRICHLOROBENZENE	11.188	180	905	1.518	UG/L	99
93) 1,2,4-TRICHLOROBENZENE	0.000		0	N.D.		
94) HEXACHLOROBUTADIENE	11.977	225	513	0.667	UG/L #	23
95) NAPHTHALENE	0.000		0	N.D.		
96) 1,2,3-TRICHLOROBENZENE	0.000		0	N.D.		

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

517

[illegible]

Data File : W:\DATA\121712\VB352009.D
 Acq On : 17 Dec 2012 3:48 pm
 Sample : 8260 STD 1.0 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 17 16:06:04 2012

Vial: 5
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

518

Quant Method : C:\MSDCHEM\1\METHODS\B1206W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Dec 07 05:31:05 2012
 Response via : Initial Calibration
 DataAcq Meth:B1206W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.959	168	167153	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.682	114	260710	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.523	82	147842	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.818	152	119976	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.230	65	87445	20.75	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	83.00%	
43) TOLUENE-D8 SS	6.123	98	273355	25.11	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	100.44%	
64) 4-BROMOFLUROBENZENE SS	8.683	95	104765	23.36	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	93.44%	
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	1.034	85	3218	0.994	UG/L	99
4) DIFLUOROCHLOROMETHANE	1.040	51	3316	1.182	UG/L	# 80
5) CHLOROMETHANE	1.132	50	3447	1.836	UG/L	93
6) VINYL CHLORIDE	1.190	62	3000	1.251	UG/L	99
7) BROMOMETHANE	1.374	94	2539	1.492	UG/L	93
8) CHLOROETHANE	1.427	64	1403	1.186	UG/L	# 79
9) FLUORODICHLOROMETHANE	1.536	67	4060	0.939	UG/L	99
10) TRICHLOROFLUOROMETHANE	1.575	101	3066	0.721	UG/L	97
11) ETHANOL	1.678	45	498	27.008	UG/L	# 61
12) DI ETHYL ETHER	1.740	59	1726	0.959	UG/L	# 80
13) ACROLEIN	1.826	56	3331	9.199	UG/L	# 97
14) ACETONE	1.927	43	6280	10.697	UG/L	95
15) 1,1-DICHLOROETHENE	1.887	61	2875	0.845	UG/L	93
16) 1,1,2-TRICL-1,2,2-TRIF...	1.890	101	1430	0.806	UG/L	92
17) IODOMETHANE	1.993	142	21866	Below	Cal	# 81
18) METHYL ACETATE	2.158	43	2711	1.813	UG/L	# 76
19) T-BUTYL ALCOHOL	2.328	59	2043	8.161	UG/L	# 65
20) ACRYLONITRILE	2.431	53	911	1.247	UG/L	# 67
21) METHYLENE CHLORIDE	2.228	49	5576	1.997	UG/L	# 77
22) CARBON DISULFIDE	2.041	76	54836	9.804	UG/L	# 89
23) METHYL TERT-BUTYL ETHE...	2.448	73	7182	0.984	UG/L	96
24) TRANS 1,2-DICHLOROETHENE	2.445	61	3643	1.084	UG/L	96
25) 1,1-DICHLOROETHANE	2.819	63	4436	1.060	UG/L	98
26) VINYL ACETATE	2.880	43	54889	13.528	UG/L	# 83
27) DI ISOPROPYL ETHER	2.897	45	7855	1.458	UG/L	# 74
28) 2-BUTANONE	3.441	43	12347	14.917	UG/L	# 83
29) T-BUTYL ETHYL ETHER	3.273	59	7017	0.971	UG/L	96
30) CIS-1,2-DICHLOROETHENE	3.407	61	4147	1.086	UG/L	97
31) 2,2-DICHLOROPROPANE	3.399	77	2801	0.875	UG/L	99
32) ETHYL ACETATE	3.513	43	2246	1.212	UG/L	# 71
33) BROMOCHLOROMETHANE	3.644	128	1005	0.892	UG/L	# 73
34) TETRAHYDROFURAN	3.708	42	728	1.767	UG/L	# 19
35) CHLOROFORM	3.739	83	4616	0.971	UG/L	97
36) 1,1,1-TRICHLOROETHANE	3.906	97	3243	0.748	UG/L	# 92
37) CYCLOHEXANE	3.959	56	6352	2.231	UG/L	# 73
38) CARBON TETRACHLORIDE	4.071	117	2165	0.607	UG/L	96
39) 1,1-DICHLOROPROPENE	4.077	75	3413	1.083	UG/L	95
40) BENZENE	4.283	78	10345	1.228	UG/L	98
41) T-AMYL METHYL ETHER	4.417	73	6439	1.026	UG/L	92
44) 1,2-DICHLOROETHANE	4.311	62	3838	0.777	UG/L	# 80
45) TRICHLOROETHENE	4.927	95	2373	0.904	UG/L	97
46) METHYLCYCLOHEXANE	5.108	83	2429	1.133	UG/L	# 93
47) 1,2-DICHLOROPROPANE	5.147	63	2394	1.065	UG/L	91
48) DIBROMOMETHANE	5.262	93	1443	0.844	UG/L	96
49) 1,4-DIOXANE	0.000		0	N.D.		
50) BROMODICHLOROMETHANE	5.432	83	2627	0.697	UG/L	# 95
51) 2-CHLOROETHYL VINYLETHER	5.747	63	18443	10.802	UG/L	# 83
52) MIBK	6.043	43	24840	14.071	UG/L	# 75
53) CIS-1,3-DICHLOROPROPENE	5.875	75	2984	0.909	UG/L	# 85

Data File : W:\DATA\121712\VB352009.D
 Acq On : 17 Dec 2012 3:48 pm
 Sample : 8260 STD 1.0 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 17 16:06:04 2012

Vial: 5
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

519

Quant Method : C:\MSDCHEM\1\METHODS\B1206W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Dec 07 05:31:05 2012
 Response via : Initial Calibration
 DataAcq Meth:B1206W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) TOLUENE	6.185	91	10752	1.066	UG/L	99
55) TRANS-1,3,-DICHLOROPRO...	6.425	75	2330	1.316	UG/L #	71
56) ETHYL METHACRYLATE	6.754	41	2545	1.513	UG/L #	1
57) 1,1,2-TRICHLOROETHANE	6.595	97	1992	0.824	UG/L	89
58) 2-HEXANONE	6.865	43	16183	13.698	UG/L #	77
59) TETRACHLOROETHENE	6.712	164	1792	0.971	UG/L	99
60) 1,3-DICHLOROPROPANE	6.754	76	3999	0.965	UG/L #	86
61) DIBROMOCHLOROMETHANE	6.966	129	1478	1.454	UG/L	96
62) 1,2-DIBROMOETHANE	7.063	107	1971	0.807	UG/L #	98
65) CHLOROBENZENE	7.548	112	6895	1.022	UG/L #	46
66) 1,1,1,2-TETRACHLOROETHANE	7.640	131	1620	0.700	UG/L	96
67) ETHYLBENZENE	7.674	91	11240	1.023	UG/L	97
68) M/P-XYLENES	7.791	91	17785	2.001	UG/L	98
69) O-XYLENE	8.173	91	9126	0.959	UG/L	98
70) STYRENE	8.193	104	6239	0.907	UG/L #	89
71) BROMOFORM	8.360	173	685	2.872	UG/L #	32
72) ISOPROPYLBENZENE	8.547	105	9276	0.940	UG/L	99
73) CIS-1,4-DICHLORO-2-BUTENE	8.619	53	556	2.214	UG/L #	37
74) 1,1,2,2-TETRACHLOROETHANE	8.851	83	2781	1.020	UG/L #	94
75) 1,4-DICHLORO-2-BUTENE(...	0.000		0	N.D.		
76) BROMOBENZENE	8.817	77	4713	1.038	UG/L	95
77) 1,2,3-TRICHLOROPROPANE	8.879	110	801	0.810	UG/L #	42
78) N-PROPYLBENZENE	8.951	91	10744	0.973	UG/L	95
79) 2-CHLOROTOLUENE	9.021	91	7933	0.972	UG/L	94
80) 1,3,5-TRIMETHYLBENZENE	9.132	105	7695	0.857	UG/L	99
81) 4-CHLOROTOLUENE	9.127	91	9001	0.955	UG/L	95
83) TERT-BUTYLBENZENE	9.442	119	6031	0.879	UG/L	99
84) 1,2,4-TRIMETHYLBENZENE	9.495	105	7963	0.853	UG/L	98
85) SEC-BUTYLBENZENE	9.665	105	8011	0.916	UG/L	95
86) 1,3-DICHLOROBENZENE	9.754	146	4742	1.024	UG/L	94
87) P-ISOPROPYLTOLUENE	9.816	119	6112	0.848	UG/L	97
88) 1,4-DICHLOROBENZENE	9.838	146	4880	1.005	UG/L #	67
89) N-BUTYLBENZENE	10.217	91	4745	0.427	UG/L	96
90) 1,2-DICHLOROBENZENE	10.203	146	4601	1.010	UG/L	92
91) 1,2-DIBROMO-3-CHLOROPR...	0.000		0	N.D.		
92) 1,3,5-TRICHLOROBENZENE	11.190	180	1818	1.864	UG/L	96
93) 1,2,4-TRICHLOROBENZENE	11.798	180	548	6.880	UG/L #	84
94) HEXACHLOROBUTADIENE	11.982	225	939	1.043	UG/L #	84
95) NAPHTHALENE	12.033	128	584	8.128	UG/L #	69
96) 1,2,3-TRICHLOROBENZENE	12.275	180	218	6.939	UG/L #	74

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

Page: 3

Data File : W:\DATA\121712\VB352010.D
 Acq On : 17 Dec 2012 4:19 pm
 Sample : 8260 STD 2.0 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 18 07:20:39 2012

Vial: 6
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

521

Quant Method : C:\MSDCHEM\1\METHODS\B1206W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Dec 07 05:31:05 2012
 Response via : Initial Calibration
 DataAcq Meth:B1206W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.962	168	168261	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.682	114	264363	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.523	82	150865	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.818	152	123681	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.230	65	89134	21.01	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	84.04%	
43) TOLUENE-D8 SS	6.123	98	277968	25.18	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	100.72%	
64) 4-BROMOFLUROBENZENE SS	8.683	95	109088	23.83	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	95.32%	
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	1.034	85	6894	2.116	UG/L	99
4) DIFLUOROCHLOROMETHANE	1.040	51	6990	2.475	UG/L	# 87
5) CHLOROMETHANE	1.135	50	7395	3.912	UG/L	95
6) VINYL CHLORIDE	1.190	62	6926	2.868	UG/L	96
7) BROMOMETHANE	1.374	94	4976	3.226	UG/L	96
8) CHLOROETHANE	1.427	64	3635	3.052	UG/L	96
9) FLUORODICHLOROMETHANE	1.536	67	9896	2.273	UG/L	97
10) TRICHLOROFLUOROMETHANE	1.575	101	6944	1.621	UG/L	100
11) ETHANOL	1.673	45	669	36.042	UG/L	# 65
12) DI ETHYL ETHER	1.743	59	4595	2.536	UG/L	# 84
13) ACROLEIN	1.829	56	8960	24.582	UG/L	# 99
14) ACETONE	1.924	43	15496	26.221	UG/L	99
15) 1,1-DICHLOROETHENE	1.893	61	7385	2.157	UG/L	98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.896	101	3810	2.133	UG/L	99
17) IODOMETHANE	1.999	142	57895	5.398	UG/L	# 83
18) METHYL ACETATE	2.152	43	5843	3.882	UG/L	# 78
19) T-BUTYL ALCOHOL	2.320	59	4591	18.220	UG/L	# 69
20) ACRYLONITRILE	2.426	53	1890	2.570	UG/L	95
21) METHYLENE CHLORIDE	2.231	49	9352	3.327	UG/L	# 78
22) CARBON DISULFIDE	2.046	76	153282	27.223	UG/L	# 88
23) METHYL TERT-BUTYL ETHE...	2.451	73	14611	1.988	UG/L	# 91
24) TRANS 1,2-DICHLOROETHENE	2.448	61	7758	2.294	UG/L	96
25) 1,1-DICHLOROETHANE	2.822	63	9366	2.224	UG/L	98
26) VINYL ACETATE	2.877	43	113526	27.796	UG/L	# 85
27) DI ISOPROPYL ETHER	2.891	45	16931	3.122	UG/L	# 75
28) 2-BUTANONE	3.438	43	24619	29.547	UG/L	# 85
29) T-BUTYL ETHYL ETHER	3.271	59	15682	2.155	UG/L	94
30) CIS-1,2-DICHLOROETHENE	3.410	61	8724	2.270	UG/L	99
31) 2,2-DICHLOROPROPANE	3.407	77	6143	1.907	UG/L	98
32) ETHYL ACETATE	3.508	43	5741	3.077	UG/L	# 86
33) BROMOCHLOROMETHANE	3.647	128	2273	2.003	UG/L	# 67
34) TETRAHYDROFURAN	3.709	42	1298	3.130	UG/L	# 63
35) CHLOROFORM	3.736	83	9362	1.956	UG/L	99
36) 1,1,1-TRICHLOROETHANE	3.909	97	6934	1.588	UG/L	91
37) CYCLOHEXANE	3.959	56	10166	3.547	UG/L	88
38) CARBON TETRACHLORIDE	4.068	117	4918	1.370	UG/L	95
39) 1,1-DICHLOROPROPENE	4.079	75	7294	2.298	UG/L	96
40) BENZENE	4.277	78	22056	2.601	UG/L	97
41) T-AMYL METHYL ETHER	4.417	73	13701	2.170	UG/L	93
44) 1,2-DICHLOROETHANE	4.305	62	8077	1.612	UG/L	# 81
45) TRICHLOROETHENE	4.924	95	5263	1.978	UG/L	99
46) METHYLCYCLOHEXANE	5.106	83	5433	2.500	UG/L	# 92
47) 1,2-DICHLOROPROPANE	5.145	63	5394m	2.367	UG/L	
48) DIBROMOMETHANE	5.262	93	3239	1.868	UG/L	98
49) 1,4-DIOXANE	5.301	88	322m	10.702	UG/L	
50) BROMODICHLOROMETHANE	5.429	83	5630	1.473	UG/L	# 96
51) 2-CHLOROETHYL VINYLETHER	5.750	63	39520	22.826	UG/L	# 84
52) MIBK	6.040	43	52953	29.581	UG/L	# 76
53) CIS-1,3-DICHLOROPROPENE	5.872	75	6872	1.781	UG/L	89

Data File : W:\DATA\121712\VB352010.D
 Acq On : 17 Dec 2012 4:19 pm
 Sample : 8260 STD 2.0 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 18 07:20:39 2012

Vial: 6
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

522

Quant Method : C:\MSDCHEM\1\METHODS\B1206W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Dec 07 05:31:05 2012
 Response via : Initial Calibration
 DataAcq Meth:B1206W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) TOLUENE	6.188	91	23359	2.283	UG/L	97
55) TRANS-1,3, -DICHLOROPRO...	6.425	75	5030	1.938	UG/L #	86
56) ETHYL METHACRYLATE	0.000		0	N.D.	d	
57) 1,1,2-TRICHLOROETHANE	6.598	97	4698	1.915	UG/L	96
58) 2-HEXANONE	6.862	43	34033	28.409	UG/L #	79
59) TETRACHLOROETHENE	6.715	164	3877	2.071	UG/L	97
60) 1,3-DICHLOROPROPANE	6.754	76	8919	2.121	UG/L #	87
61) DIBROMOCHLOROMETHANE	6.971	129	3288	1.993	UG/L	98
62) 1,2-DIBROMOETHANE	7.066	107	4478	1.809	UG/L #	100
65) CHLOROBENZENE	7.548	112	14987	2.176	UG/L	97
66) 1,1,1,2-TETRACHLOROETHANE	7.641	131	3657	1.549	UG/L	95
67) ETHYLBENZENE	7.674	91	24347	2.171	UG/L	98
68) M/P-XYLENES	7.791	91	38557	4.252	UG/L	99
69) O-XYLENE	8.173	91	20232	2.084	UG/L	99
70) STYRENE	8.187	104	14510	2.067	UG/L #	90
71) BROMOFORM	8.357	173	1709	3.374	UG/L #	95
72) ISOPROPYLBENZENE	8.544	105	21283	2.114	UG/L	97
73) CIS-1,4-DICHLORO-2-BUTENE	8.619	53	1257	2.873	UG/L #	51
74) 1,1,2,2-TETRACHLOROETHANE	8.851	83	5967	2.145	UG/L #	96
75) 1,4-DICHLORO-2-BUTENE(...	8.915	53	1137	3.775	UG/L #	15
76) BROMOBENZENE	8.815	77	9972	2.152	UG/L	98
77) 1,2,3-TRICHLOROPROPANE	8.879	110	1654	1.639	UG/L #	52
78) N-PROPYLBENZENE	8.948	91	23656	2.099	UG/L	94
79) 2-CHLOROTOLUENE	9.018	91	17370	2.086	UG/L	96
80) 1,3,5-TRIMETHYLBENZENE	9.130	105	17061	1.863	UG/L	99
81) 4-CHLOROTOLUENE	9.127	91	19240	2.001	UG/L	97
83) TERT-BUTYLBENZENE	9.445	119	13029	1.842	UG/L	95
84) 1,2,4-TRIMETHYLBENZENE	9.492	105	17415	1.811	UG/L	100
85) SEC-BUTYLBENZENE	9.662	105	17839	1.978	UG/L	98
86) 1,3-DICHLOROBENZENE	9.752	146	10238	2.144	UG/L	95
87) P-ISOPROPYLTOLUENE	9.816	119	13485	1.816	UG/L	99
88) 1,4-DICHLOROBENZENE	9.841	146	10651	2.128	UG/L	95
89) N-BUTYLBENZENE	10.220	91	11478	1.413	UG/L	96
90) 1,2-DICHLOROBENZENE	10.203	146	10108	2.153	UG/L	94
91) 1,2-DIBROMO-3-CHLOROPR...	10.976	75	321m	2.929	UG/L	
92) 1,3,5-TRICHLOROBENZENE	11.188	180	4173	2.692	UG/L	92
93) 1,2,4-TRICHLOROBENZENE	11.793	180	1540	7.395	UG/L #	84
94) HEXACHLOROBUTADIENE	11.974	225	2140	2.023	UG/L #	93
95) NAPHTHALENE	12.033	128	1782	8.459	UG/L #	69
96) 1,2,3-TRICHLOROBENZENE	12.272	180	689	7.396	UG/L #	83

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

523

[illegible]

Data File : W:\DATA\121712\VB352011.D
 Acq On : 17 Dec 2012 4:49 pm
 Sample : 8260 STD 5.0 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 17 17:08:03 2012

Vial: 7
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\B1206W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Dec 07 05:31:05 2012
 Response via : Initial Calibration
 DataAcq Meth:B1206W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.962	168	167567	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.682	114	260651	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.523	82	146508	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.818	152	124464	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.230	65	86047	20.37	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	81.48%		
43) TOLUENE-D8 SS	6.124	98	277128	25.46	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.84%		
64) 4-BROMOFLUROBENZENE SS	8.684	95	106755	24.02	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	96.08%		
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	1.034	85	16475	5.077	UG/L	98
4) DIFLUOROCHLOROMETHANE	1.043	51	16674	5.928	UG/L	# 87
5) CHLOROMETHANE	1.135	50	16278	8.647	UG/L	97
6) VINYL CHLORIDE	1.190	62	15334	6.376	UG/L	99
7) BROMOMETHANE	1.372	94	8714	5.931	UG/L	97
8) CHLOROETHANE	1.425	64	6808	5.741	UG/L	95
9) FLUORODICHLOROMETHANE	1.536	67	19934	4.597	UG/L	99
10) TRICHLOROFLUOROMETHANE	1.572	101	14788	3.467	UG/L	98
11) ETHANOL	1.684	45	1431	77.414	UG/L	# 66
12) DI ETHYL ETHER	1.745	59	8963	4.966	UG/L	# 87
13) ACROLEIN	1.826	56	19055	52.495	UG/L	# 99
14) ACETONE	1.927	43	30306	51.493	UG/L	100
15) 1,1-DICHLOROETHENE	1.890	61	15108	4.430	UG/L	96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.888	101	7821	4.397	UG/L	92
17) IODOMETHANE	1.994	142	139247	34.381	UG/L	# 83
18) METHYL ACETATE	2.155	43	13920	9.286	UG/L	# 82
19) T-BUTYL ALCOHOL	2.331	59	11617	46.293	UG/L	# 82
20) ACRYLONITRILE	2.429	53	4883	6.667	UG/L	97
21) METHYLENE CHLORIDE	2.228	49	20504	7.325	UG/L	# 77
22) CARBON DISULFIDE	2.041	76	310287	55.336	UG/L	# 89
23) METHYL TERT-BUTYL ETHE...	2.451	73	37261	5.090	UG/L	93
24) TRANS 1,2-DICHLOROETHENE	2.443	61	19285	5.725	UG/L	96
25) 1,1-DICHLOROETHANE	2.816	63	22929	5.466	UG/L	99
26) VINYL ACETATE	2.878	43	299964	73.749	UG/L	# 83
27) DI ISOPROPYL ETHER	2.897	45	41797	7.740	UG/L	# 74
28) 2-BUTANONE	3.438	43	64562	77.807	UG/L	# 85
29) T-BUTYL ETHYL ETHER	3.274	59	37958	5.238	UG/L	95
30) CIS-1,2-DICHLOROETHENE	3.407	61	21680	5.665	UG/L	98
31) 2,2-DICHLOROPROPANE	3.405	77	15687	4.889	UG/L	99
32) ETHYL ACETATE	3.513	43	14597	7.856	UG/L	# 90
33) BROMOCHLOROMETHANE	3.647	128	5882	5.206	UG/L	# 73
34) TETRAHYDROFURAN	3.703	42	3534	8.558	UG/L	# 76
35) CHLOROFORM	3.736	83	22978	4.820	UG/L	99
36) 1,1,1-TRICHLOROETHANE	3.907	97	17848	4.104	UG/L	95
37) CYCLOHEXANE	3.957	56	19723	6.911	UG/L	96
38) CARBON TETRACHLORIDE	4.068	117	12979	3.632	UG/L	97
39) 1,1-DICHLOROPROPENE	4.074	75	17972	5.686	UG/L	98
40) BENZENE	4.277	78	53877	6.380	UG/L	98
41) T-AMYL METHYL ETHER	4.414	73	34401	5.470	UG/L	93
44) 1,2-DICHLOROETHANE	4.305	62	19949	4.038	UG/L	# 81
45) TRICHLOROETHENE	4.927	95	12811	4.882	UG/L	96
46) METHYLCYCLOHEXANE	5.103	83	12850	5.996	UG/L	# 93
47) 1,2-DICHLOROPROPANE	5.148	63	13335	5.935	UG/L	95
48) DIBROMOMETHANE	5.259	93	8272	4.840	UG/L	99
49) 1,4-DIOXANE	5.306	88	1118	37.688	UG/L	# 75
50) BROMODICHLOROMETHANE	5.424	83	15185	4.029	UG/L	99
51) 2-CHLOROETHYL VINYLETHER	5.747	63	104361	61.136	UG/L	# 82
52) MIBK	6.040	43	141502	80.173	UG/L	# 76
53) CIS-1,3-DICHLOROPROPENE	5.870	75	18601	4.501	UG/L	90

Data File : W:\DATA\121712\VB352011.D
 Acq On : 17 Dec 2012 4:49 pm
 Sample : 8260 STD 5.0 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 17 17:08:03 2012

Vial: 7
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

525

Quant Method : C:\MSDCHEM\1\METHODS\B1206W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Dec 07 05:31:05 2012
 Response via : Initial Calibration
 DataAcq Meth:B1206W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) TOLUENE	6.188	91	56875	5.638	UG/L	97
55) TRANS-1,3,-DICHLOROPRO...	6.425	75	14427	4.177	UG/L #	87
56) ETHYL METHACRYLATE	6.754	41	13845	8.232	UG/L #	1
57) 1,1,2-TRICHLOROETHANE	6.592	97	11809	4.883	UG/L	96
58) 2-HEXANONE	6.863	43	96013	81.287	UG/L #	80
59) TETRACHLOROETHENE	6.712	164	9364	5.073	UG/L	97
60) 1,3-DICHLOROPROPANE	6.754	76	22206	5.357	UG/L #	88
61) DIBROMOCHLOROMETHANE	6.966	129	9375	3.865	UG/L	100
62) 1,2-DIBROMOETHANE	7.063	107	11660	4.777	UG/L #	98
65) CHLOROBENZENE	7.551	112	36488	5.457	UG/L	95
66) 1,1,1,2-TETRACHLOROETHANE	7.638	131	9777	4.264	UG/L	97
67) ETHYLBENZENE	7.671	91	60682	5.571	UG/L	97
68) M/P-XYLENES	7.791	91	96540	10.963	UG/L	98
69) O-XYLENE	8.173	91	50322	5.339	UG/L	98
70) STYRENE	8.190	104	38260	5.613	UG/L	91
71) BROMOFORM	8.354	173	5101	5.139	UG/L #	95
72) ISOPROPYLBENZENE	8.544	105	52287	5.347	UG/L	99
73) CIS-1,4-DICHLORO-2-BUTENE	8.622	53	3833	5.441	UG/L #	56
74) 1,1,2,2-TETRACHLOROETHANE	8.851	83	15397	5.699	UG/L #	96
75) 1,4-DICHLORO-2-BUTENE(...	8.909	53	3645	6.224	UG/L #	58
76) BROMOBENZENE	8.817	77	24777	5.507	UG/L	98
77) 1,2,3-TRICHLOROPROPANE	8.882	110	4577	4.669	UG/L #	67
78) N-PROPYLBENZENE	8.948	91	58835	5.377	UG/L	96
79) 2-CHLOROTOLUENE	9.018	91	42186	5.218	UG/L	98
80) 1,3,5-TRIMETHYLBENZENE	9.132	105	44266	4.976	UG/L	98
81) 4-CHLOROTOLUENE	9.127	91	48245	5.166	UG/L	98
83) TERT-BUTYLBENZENE	9.445	119	33062	4.644	UG/L	96
84) 1,2,4-TRIMETHYLBENZENE	9.492	105	44684	4.616	UG/L	98
85) SEC-BUTYLBENZENE	9.662	105	45362	4.998	UG/L	99
86) 1,3-DICHLOROBENZENE	9.749	146	25630	5.333	UG/L	95
87) P-ISOPROPYLTOLUENE	9.813	119	35331	4.727	UG/L	97
88) 1,4-DICHLOROBENZENE	9.841	146	26051	5.173	UG/L	99
89) N-BUTYLBENZENE	10.217	91	31250	4.344	UG/L	97
90) 1,2-DICHLOROBENZENE	10.203	146	25606	5.419	UG/L	95
91) 1,2-DIBROMO-3-CHLOROPR...	10.984	75	1312	4.783	UG/L	93
92) 1,3,5-TRICHLOROBENZENE	11.188	180	11905	5.452	UG/L	92
93) 1,2,4-TRICHLOROBENZENE	11.796	180	6129	9.799	UG/L	97
94) HEXACHLOROBUTADIENE	11.977	225	5567	4.860	UG/L	98
95) NAPHTHALENE	12.033	128	8883	10.436	UG/L	98
96) 1,2,3-TRICHLOROBENZENE	12.275	180	3518	10.162	UG/L	92

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

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Page: 3

Data File : W:\DATA\121712\VB352012.D
 Acq On : 17 Dec 2012 5:20 pm
 Sample : 8260 STD 10 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 17 17:39:03 2012

Vial: 8
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

527

Quant Method : C:\MSDCHEM\1\METHODS\B1206W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Dec 07 05:31:05 2012
 Response via : Initial Calibration
 DataAcq Meth:B1206W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.962	168	170110	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.684	114	265617	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.523	82	150876	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.818	152	129501	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.230	65	86993	20.29	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	81.16%		
43) TOLUENE-D8 SS	6.123	98	280600	25.30	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.20%		
64) 4-BROMOFLUROBENZENE SS	8.683	95	110191	24.07	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	96.28%		
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	1.034	85	34617	10.507	UG/L	98
4) DIFLUOROCHLOROMETHANE	1.040	51	34420	12.055	UG/L	# 86
5) CHLOROMETHANE	1.135	50	33995	17.788	UG/L	96
6) VINYL CHLORIDE	1.190	62	35101	14.377	UG/L	100
7) BROMOMETHANE	1.372	94	17597	12.133	UG/L	99
8) CHLOROETHANE	1.427	64	17178	14.268	UG/L	100
9) FLUORODICHLOROMETHANE	1.536	67	48358	10.986	UG/L	97
10) TRICHLOROFLUOROMETHANE	1.575	101	34132	7.883	UG/L	99
11) ETHANOL	1.676	45	2867	152.781	UG/L	95
12) DI ETHYL ETHER	1.742	59	22575	12.321	UG/L	# 86
13) ACROLEIN	1.826	56	50063	135.857	UG/L	# 98
14) ACETONE	1.924	43	74260	124.289	UG/L	99
15) 1,1-DICHLOROETHENE	1.893	61	36958	10.676	UG/L	97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.890	101	18719	10.366	UG/L	98
17) IODOMETHANE	1.996	142	342256	104.679	UG/L	# 84
18) METHYL ACETATE	2.152	43	24316	15.979	UG/L	# 86
19) T-BUTYL ALCOHOL	2.320	59	23059	90.516	UG/L	# 88
20) ACRYLONITRILE	2.428	53	9895	13.308	UG/L	96
21) METHYLENE CHLORIDE	2.228	49	37024	13.029	UG/L	# 81
22) CARBON DISULFIDE	2.046	76	808961	142.113	UG/L	# 89
23) METHYL TERT-BUTYL ETHE...	2.451	73	72742	9.789	UG/L	94
24) TRANS 1,2-DICHLOROETHENE	2.445	61	37234	10.889	UG/L	99
25) 1,1-DICHLOROETHANE	2.819	63	45511	10.688	UG/L	99
26) VINYL ACETATE	2.880	43	553117	133.957	UG/L	# 85
27) DI ISOPROPYL ETHER	2.894	45	79464	14.494	UG/L	# 78
28) 2-BUTANONE	3.438	43	127157	150.954	UG/L	# 86
29) T-BUTYL ETHYL ETHER	3.271	59	78216	10.631	UG/L	96
30) CIS-1,2-DICHLOROETHENE	3.407	61	44176	11.371	UG/L	100
31) 2,2-DICHLOROPROPANE	3.404	77	32319	9.922	UG/L	98
32) ETHYL ACETATE	3.510	43	26665	14.137	UG/L	94
33) BROMOCHLOROMETHANE	3.650	128	11936	10.405	UG/L	# 73
34) TETRAHYDROFURAN	3.697	42	7243	17.278	UG/L	# 79
35) CHLOROFORM	3.739	83	47029	9.718	UG/L	98
36) 1,1,1-TRICHLOROETHANE	3.909	97	37052	8.393	UG/L	94
37) CYCLOHEXANE	3.959	56	37100	12.805	UG/L	96
38) CARBON TETRACHLORIDE	4.071	117	27013	7.446	UG/L	99
39) 1,1-DICHLOROPROPENE	4.077	75	35875	11.181	UG/L	99
40) BENZENE	4.283	78	111517	13.007	UG/L	97
41) T-AMYL METHYL ETHER	4.414	73	71052	11.129	UG/L	94
44) 1,2-DICHLOROETHANE	4.308	62	41128	8.168	UG/L	# 81
45) TRICHLOROETHENE	4.924	95	26298	9.835	UG/L	98
46) METHYLCYCLOHEXANE	5.106	83	26283	12.036	UG/L	# 95
47) 1,2-DICHLOROPROPANE	5.147	63	27214	11.886	UG/L	95
48) DIBROMOMETHANE	5.259	93	16610	9.537	UG/L	100
49) 1,4-DIOXANE	5.304	88	2379	78.698	UG/L	# 87
50) BROMODICHLOROMETHANE	5.429	83	32224	8.391	UG/L	98
51) 2-CHLOROETHYL VINYLETHER	5.747	63	209687	120.541	UG/L	# 84
52) MIBK	6.040	43	276601	153.787	UG/L	# 77
53) CIS-1,3-DICHLOROPROPENE	5.870	75	40847	9.442	UG/L	91

Data File : W:\DATA\121712\VB352012.D
 Acq On : 17 Dec 2012 5:20 pm
 Sample : 8260 STD 10 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 17 17:39:03 2012

Vial: 8
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

528

Quant Method : C:\MSDCHEM\1\METHODS\B1206W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Dec 07 05:31:05 2012
 Response via : Initial Calibration
 DataAcq Meth:B1206W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) TOLUENE	6.188	91	115400	11.225	UG/L	100
55) TRANS-1,3,-DICHLOROPRO...	6.422	75	31904	8.169	UG/L #	88
56) ETHYL METHACRYLATE	6.597	41	402	0.235	UG/L #	1
57) 1,1,2-TRICHLOROETHANE	6.595	97	23962	9.723	UG/L	94
58) 2-HEXANONE	6.862	43	189643	157.554	UG/L #	81
59) TETRACHLOROETHENE	6.715	164	18923	10.061	UG/L	98
60) 1,3-DICHLOROPROPANE	6.751	76	44581	10.554	UG/L #	89
61) DIBROMOCHLOROMETHANE	6.968	129	20692	7.201	UG/L	100
62) 1,2-DIBROMOETHANE	7.060	107	23760	9.553	UG/L	99
65) CHLOROBENZENE	7.551	112	75208	10.921	UG/L	97
66) 1,1,1,2-TETRACHLOROETHANE	7.638	131	21347	9.041	UG/L	96
67) ETHYLBENZENE	7.671	91	125468	11.185	UG/L	98
68) M/P-XYLENES	7.791	91	202103	22.285	UG/L	99
69) O-XYLENE	8.173	91	106354	10.957	UG/L	98
70) STYRENE	8.190	104	83225	11.857	UG/L	91
71) BROMOFORM	8.357	173	11600	8.298	UG/L	99
72) ISOPROPYLBENZENE	8.544	105	111154	11.038	UG/L	98
73) CIS-1,4-DICHLORO-2-BUTENE	8.622	53	8278	9.574	UG/L #	62
74) 1,1,2,2-TETRACHLOROETHANE	8.851	83	31305	11.252	UG/L	97
75) 1,4-DICHLORO-2-BUTENE(...	8.909	53	7630	9.851	UG/L #	65
76) BROMOBENZENE	8.814	77	50815	10.968	UG/L	98
77) 1,2,3-TRICHLOROPROPANE	8.879	110	9374	9.286	UG/L #	30
78) N-PROPYLBENZENE	8.948	91	127550	11.318	UG/L	95
79) 2-CHLOROTOLUENE	9.018	91	87071	10.458	UG/L	98
80) 1,3,5-TRIMETHYLBENZENE	9.132	105	94591	10.326	UG/L	99
81) 4-CHLOROTOLUENE	9.127	91	101192	10.522	UG/L	97
83) TERT-BUTYLBENZENE	9.442	119	68533	9.251	UG/L	95
84) 1,2,4-TRIMETHYLBENZENE	9.495	105	95961	9.528	UG/L	99
85) SEC-BUTYLBENZENE	9.662	105	96112	10.179	UG/L	100
86) 1,3-DICHLOROBENZENE	9.749	146	54248	10.848	UG/L	95
87) P-ISOPROPYLTOLUENE	9.813	119	75774	9.743	UG/L	96
88) 1,4-DICHLOROBENZENE	9.841	146	55063	10.508	UG/L	96
89) N-BUTYLBENZENE	10.217	91	68771	9.528	UG/L	98
90) 1,2-DICHLOROBENZENE	10.203	146	53058	10.793	UG/L	96
91) 1,2-DIBROMO-3-CHLOROPR...	10.981	75	2802	7.372	UG/L	92
92) 1,3,5-TRICHLOROBENZENE	11.185	180	25289	9.893	UG/L	92
93) 1,2,4-TRICHLOROBENZENE	11.793	180	13625	13.456	UG/L	95
94) HEXACHLOROBUTADIENE	11.977	225	11354	9.301	UG/L	98
95) NAPHTHALENE	12.030	128	20427	13.433	UG/L	99
96) 1,2,3-TRICHLOROBENZENE	12.272	180	7204	13.496	UG/L	93

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

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Page: 3

Data File : W:\DATA\121712\VB352013.D
 Acq On : 17 Dec 2012 5:51 pm
 Sample : 8260 STD 20 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 17 18:09:56 2012

Vial: 9
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

530

Quant Method : C:\MSDCHEM\1\METHODS\B1206W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Dec 07 05:31:05 2012
 Response via : Initial Calibration
 DataAcq Meth:B1206W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.962	168	173658	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.682	114	266976	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.520	82	151500	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.818	152	134722	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.230	65	88131	20.13	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	80.52%		
43) TOLUENE-D8 SS	6.123	98	288284	25.86	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	103.44%		
64) 4-BROMOFLUROBENZENE SS	8.683	95	111379	24.23	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	96.92%		
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	71325	21.207	UG/L	98
4) DIFLUOROCHLOROMETHANE	1.040	51	72115	24.741	UG/L	# 86
5) CHLOROMETHANE	1.132	50	66008	33.833	UG/L	97
6) VINYL CHLORIDE	1.190	62	65994	26.479	UG/L	100
7) BROMOMETHANE	1.360	94	28952	19.762	UG/L	94
8) CHLOROETHANE	1.422	64	27860	22.668	UG/L	100
9) FLUORODICHLOROMETHANE	1.533	67	84029	18.699	UG/L	100
10) TRICHLOROFLUOROMETHANE	1.567	101	63507	14.369	UG/L	98
11) ETHANOL	1.687	45	4755	248.214	UG/L	97
12) DI ETHYL ETHER	1.742	59	39389	21.059	UG/L	# 88
13) ACROLEIN	1.826	56	86481	229.891	UG/L	# 99
14) ACETONE	1.926	43	131189	215.085	UG/L	100
15) 1,1-DICHLOROETHENE	1.887	61	64627	18.287	UG/L	96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	33466	18.154	UG/L	93
17) IODOMETHANE	1.993	142	675148	216.338	UG/L	# 82
18) METHYL ACETATE	2.155	43	63149	40.650	UG/L	# 83
19) T-BUTYL ALCOHOL	2.331	59	50650	194.759	UG/L	# 83
20) ACRYLONITRILE	2.428	53	21720	28.616	UG/L	97
21) METHYLENE CHLORIDE	2.225	49	80332	27.693	UG/L	# 77
22) CARBON DISULFIDE	2.038	76	1368013	235.413	UG/L	# 89
23) METHYL TERT-BUTYL ETHE...	2.448	73	161850	21.335	UG/L	94
24) TRANS 1,2-DICHLOROETHENE	2.442	61	83712	23.981	UG/L	97
25) 1,1-DICHLOROETHANE	2.816	63	98851	22.739	UG/L	99
26) VINYL ACETATE	2.877	43	1303024	309.125	UG/L	# 84
27) DI ISOPROPYL ETHER	2.900	45	183740	32.830	UG/L	# 76
28) 2-BUTANONE	3.438	43	282613	328.647	UG/L	# 86
29) T-BUTYL ETHYL ETHER	3.271	59	167536	22.306	UG/L	96
30) CIS-1,2-DICHLOROETHENE	3.404	61	94532	23.835	UG/L	100
31) 2,2-DICHLOROPROPANE	3.399	77	69894	21.020	UG/L	98
32) ETHYL ACETATE	3.510	43	60508	31.425	UG/L	# 93
33) BROMOCHLOROMETHANE	3.644	128	26311	22.468	UG/L	# 75
34) TETRAHYDROFURAN	3.697	42	16184	37.818	UG/L	# 80
35) CHLOROFORM	3.736	83	100517	20.347	UG/L	99
36) 1,1,1-TRICHLOROETHANE	3.906	97	81822	18.156	UG/L	95
37) CYCLOHEXANE	3.954	56	75427	25.501	UG/L	94
38) CARBON TETRACHLORIDE	4.068	117	61525	16.612	UG/L	99
39) 1,1-DICHLOROPROPENE	4.077	75	77908	23.785	UG/L	99
40) BENZENE	4.280	78	236320	27.001	UG/L	98
41) T-AMYL METHYL ETHER	4.414	73	154111	23.645	UG/L	95
44) 1,2-DICHLOROETHANE	4.305	62	85474	16.889	UG/L	# 80
45) TRICHLOROETHENE	4.924	95	56900	21.172	UG/L	99
46) METHYLCYCLOHEXANE	5.103	83	55539	25.303	UG/L	# 95
47) 1,2-DICHLOROPROPANE	5.145	63	58718	25.515	UG/L	97
48) DIBROMOMETHANE	5.259	93	35977	20.551	UG/L	100
49) 1,4-DIOXANE	5.298	88	5759	189.540	UG/L	95
50) BROMODICHLOROMETHANE	5.426	83	74264	19.239	UG/L	99
51) 2-CHLOROETHYL VINYLETHER	5.747	63	461340	263.857	UG/L	86
52) MIBK	6.043	43	612966	339.068	UG/L	# 78
53) CIS-1,3-DICHLOROPROPENE	5.870	75	93411	21.198	UG/L	92

Data File : W:\DATA\121712\VB352013.D
 Acq On : 17 Dec 2012 5:51 pm
 Sample : 8260 STD 20 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 17 18:09:56 2012

Vial: 9
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

531

Quant Method : C:\MSDCHEM\1\METHODS\B1206W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Dec 07 05:31:05 2012
 Response via : Initial Calibration
 DataAcq Meth:B1206W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) TOLUENE	6.188	91	247930	23.994	UG/L	99
55) TRANS-1,3,-DICHLOROPRO...	6.422	75	76385	18.400	UG/L #	89
56) ETHYL METHACRYLATE	6.578	41	1022	0.593	UG/L #	1
57) 1,1,2-TRICHLOROETHANE	6.595	97	52581	21.228	UG/L	94
58) 2-HEXANONE	6.862	43	427403	353.276	UG/L #	82
59) TETRACHLOROETHENE	6.712	164	40495	21.421	UG/L	97
60) 1,3-DICHLOROPROPANE	6.754	76	96803	22.800	UG/L #	89
61) DIBROMOCHLOROMETHANE	6.966	129	50251	15.979	UG/L	98
62) 1,2-DIBROMOETHANE	7.063	107	53408	21.363	UG/L	99
65) CHLOROBENZENE	7.551	112	159524	23.070	UG/L	99
66) 1,1,1,2-TETRACHLOROETHANE	7.640	131	47616	20.083	UG/L	96
67) ETHYLBENZENE	7.671	91	268618	23.847	UG/L	98
68) M/P-XYLENES	7.791	91	426334	46.817	UG/L	100
69) O-XYLENE	8.173	91	224957	23.080	UG/L	98
70) STYRENE	8.190	104	179018	25.398	UG/L	90
71) BROMOFORM	8.354	173	29474	17.135	UG/L	98
72) ISOPROPYLBENZENE	8.544	105	236047	23.345	UG/L	99
73) CIS-1,4-DICHLORO-2-BUTENE	8.619	53	19880	20.571	UG/L #	72
74) 1,1,2,2-TETRACHLOROETHANE	8.851	83	68609	24.558	UG/L	99
75) 1,4-DICHLORO-2-BUTENE(...	8.909	53	18434	19.890	UG/L #	73
76) BROMOBENZENE	8.814	77	107185	23.039	UG/L	99
77) 1,2,3-TRICHLOROPROPANE	8.879	110	20031	19.762	UG/L #	63
78) N-PROPYLBENZENE	8.948	91	270835	23.934	UG/L	95
79) 2-CHLOROTOLUENE	9.015	91	185437	22.180	UG/L	98
80) 1,3,5-TRIMETHYLBENZENE	9.130	105	204089	22.188	UG/L	98
81) 4-CHLOROTOLUENE	9.127	91	214518	22.213	UG/L	99
83) TERT-BUTYLBENZENE	9.445	119	149805	19.439	UG/L	94
84) 1,2,4-TRIMETHYLBENZENE	9.495	105	208155	19.867	UG/L	99
85) SEC-BUTYLBENZENE	9.662	105	208879	21.264	UG/L	99
86) 1,3-DICHLOROBENZENE	9.751	146	117078	22.506	UG/L	95
87) P-ISOPROPYLTOLUENE	9.813	119	165139	20.411	UG/L	95
88) 1,4-DICHLOROBENZENE	9.841	146	118415	21.721	UG/L	96
89) N-BUTYLBENZENE	10.217	91	151216	20.480	UG/L	99
90) 1,2-DICHLOROBENZENE	10.203	146	115141	22.514	UG/L	95
91) 1,2-DIBROMO-3-CHLOROPR...	10.978	75	7177	14.754	UG/L #	84
92) 1,3,5-TRICHLOROBENZENE	11.185	180	57192	20.110	UG/L	94
93) 1,2,4-TRICHLOROBENZENE	11.795	180	37339	24.691	UG/L	95
94) HEXACHLOROBUTADIENE	11.977	225	24904	19.352	UG/L	98
95) NAPHTHALENE	12.030	128	62668	24.100	UG/L	99
96) 1,2,3-TRICHLOROBENZENE	12.272	180	21945	26.567	UG/L	97

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

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Page: 3

Data File : W:\DATA\121712\VB352015.D
 Acq On : 17 Dec 2012 6:54 pm
 Sample : 8260 STD 100 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 17 19:12:13 2012

Vial: 11
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

533

Quant Method : C:\MSDCHEM\1\METHODS\B1206W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Dec 07 05:31:05 2012
 Response via : Initial Calibration
 DataAcq Meth:B1206W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.960	168	183626	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.682	114	284108	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.523	82	163716	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.818	152	149890	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.230	65	90744	19.60	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	78.40%	
43) TOLUENE-D8 SS	6.126	98	304586	25.67	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	102.68%	
64) 4-BROMOFLUROBENZENE SS	8.683	95	122461	24.65	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	98.60%	
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	304970	85.755	UG/L	99
4) DIFLUOROCHLOROMETHANE	1.040	51	353607	114.728	UG/L	# 86
5) CHLOROMETHANE	1.132	50	304434	147.570	UG/L	98
6) VINYL CHLORIDE	1.190	62	324968	123.309	UG/L	100
7) BROMOMETHANE	1.361	94	162662	106.466	UG/L	97
8) CHLOROETHANE	1.422	64	140384	108.020	UG/L	99
9) FLUORODICHLOROMETHANE	1.533	67	437919	92.162	UG/L	99
10) TRICHLOROFLUOROMETHANE	1.570	101	334634	71.602	UG/L	99
11) ETHANOL	1.690	45	646	31.891	UG/L	# 41
12) DI ETHYL ETHER	1.743	59	206650	104.488	UG/L	# 90
13) ACROLEIN	1.826	56	406360	1021.580	UG/L	99
14) ACETONE	1.927	43	711984	1103.935	UG/L	99
15) 1,1-DICHLOROETHENE	1.888	61	330140	88.347	UG/L	95
16) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	175399	89.984	UG/L	93
17) IODOMETHANE	1.994	142	3151502	1006.522	UG/L	# 82
18) METHYL ACETATE	2.155	43	306522	186.601	UG/L	# 84
19) T-BUTYL ALCOHOL	2.331	59	297358	1081.332	UG/L	# 88
20) ACRYLONITRILE	2.429	53	123308	153.636	UG/L	97
21) METHYLENE CHLORIDE	2.225	49	417957	136.259	UG/L	# 79
22) CARBON DISULFIDE	2.038	76	5157143	839.285	UG/L	# 91
23) METHYL TERT-BUTYL ETHE...	2.451	73	897635	111.900	UG/L	94
24) TRANS 1,2-DICHLOROETHENE	2.443	61	451588	122.345	UG/L	99
25) 1,1-DICHLOROETHANE	2.819	63	541153	117.728	UG/L	99
26) VINYL ACETATE	2.883	43	6107023	1370.162	UG/L	# 89
27) DI ISOPROPYL ETHER	2.900	45	945124	159.704	UG/L	# 79
28) 2-BUTANONE	3.438	43	1489395	1637.980	UG/L	# 88
29) T-BUTYL ETHYL ETHER	3.271	59	933442	117.534	UG/L	96
30) CIS-1,2-DICHLOROETHENE	3.405	61	501575	119.600	UG/L	98
31) 2,2-DICHLOROPROPANE	3.402	77	403079	114.641	UG/L	97
32) ETHYL ACETATE	3.508	43	335452	164.759	UG/L	94
33) BROMOCHLOROMETHANE	3.644	128	132697	107.165	UG/L	# 77
34) TETRAHYDROFURAN	3.697	42	89001	196.684	UG/L	# 81
35) CHLOROFORM	3.736	83	538337	103.058	UG/L	99
36) 1,1,1-TRICHLOROETHANE	3.907	97	455356	95.558	UG/L	97
37) CYCLOHEXANE	3.957	56	393405	125.787	UG/L	93
38) CARBON TETRACHLORIDE	4.071	117	362263	92.502	UG/L	100
39) 1,1-DICHLOROPROPENE	4.077	75	419503	121.121	UG/L	100
40) BENZENE	4.280	78	1266415	136.841	UG/L	99
41) T-AMYL METHYL ETHER	4.414	73	874850	126.938	UG/L	96
44) 1,2-DICHLOROETHANE	4.305	62	441960	82.064	UG/L	# 80
45) TRICHLOROETHENE	4.924	95	309538	108.229	UG/L	98
46) METHYLCYCLOHEXANE	5.106	83	310584	132.968	UG/L	# 94
47) 1,2-DICHLOROPROPANE	5.147	63	319760	130.566	UG/L	98
48) DIBROMOMETHANE	5.256	93	195544	104.963	UG/L	98
49) 1,4-DIOXANE	5.295	88	33810	1045.652	UG/L	97
50) BROMODICHLOROMETHANE	5.426	83	436145	106.174	UG/L	99
51) 2-CHLOROETHYL VINYLETHER	5.755	63	2115051	1136.729	UG/L	91
52) MIBK	6.045	43	2794607	1452.646	UG/L	# 83
53) CIS-1,3-DICHLOROPROPENE	5.870	75	550779	116.442	UG/L	95

Data File : W:\DATA\121712\VB352015.D
 Acq On : 17 Dec 2012 6:54 pm
 Sample : 8260 STD 100 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 17 19:12:13 2012

Vial: 11
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

534

Quant Method : C:\MSDCHEM\1\METHODS\B1206W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Dec 07 05:31:05 2012
 Response via : Initial Calibration
 DataAcq Meth:B1206W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) TOLUENE	6.188	91	1347622	122.555	UG/L	100
55) TRANS-1,3,-DICHLOROPRO...	6.422	75	475307	103.881	UG/L #	90
56) ETHYL METHACRYLATE	6.539	41	554119	302.254	UG/L	83
57) 1,1,2-TRICHLOROETHANE	6.598	97	292794	111.077	UG/L	95
58) 2-HEXANONE	6.865	43	2113574	1641.658	UG/L #	86
59) TETRACHLOROETHENE	6.715	164	225957	112.317	UG/L	96
60) 1,3-DICHLOROPROPANE	6.754	76	525390	116.283	UG/L	91
61) DIBROMOCHLOROMETHANE	6.971	129	315973	89.488	UG/L	100
62) 1,2-DIBROMOETHANE	7.063	107	302304	113.631	UG/L	100
65) CHLOROBENZENE	7.551	112	875980	117.229	UG/L	99
66) 1,1,1,2-TETRACHLOROETHANE	7.641	131	287138	112.068	UG/L	96
67) ETHYLBENZENE	7.674	91	1457047	119.700	UG/L	100
68) M/P-XYLENES	7.791	91	2263876	230.052	UG/L	98
69) O-XYLENE	8.176	91	1229679	116.746	UG/L	97
70) STYRENE	8.193	104	1026498	134.769	UG/L	90
71) BROMOFORM	8.357	173	218085	102.572	UG/L	99
72) ISOPROPYLBENZENE	8.544	105	1326678	121.416	UG/L	100
73) CIS-1,4-DICHLORO-2-BUTENE	8.619	53	122682	109.594	UG/L #	78
74) 1,1,2,2-TETRACHLOROETHANE	8.851	83	401900	133.122	UG/L	98
75) 1,4-DICHLORO-2-BUTENE(...	8.909	53	119548	105.809	UG/L #	80
76) BROMOBENZENE	8.817	77	606287	120.596	UG/L	97
77) 1,2,3-TRICHLOROPROPANE	8.879	110	115036	105.022	UG/L	72
78) N-PROPYLBENZENE	8.951	91	1502950	122.908	UG/L	97
79) 2-CHLOROTOLUENE	9.018	91	1023554	113.292	UG/L	100
80) 1,3,5-TRIMETHYLBENZENE	9.132	105	1123996	113.079	UG/L	96
81) 4-CHLOROTOLUENE	9.130	91	1185375	113.587	UG/L	100
83) TERT-BUTYLBENZENE	9.445	119	840269	98.001	UG/L	94
84) 1,2,4-TRIMETHYLBENZENE	9.495	105	1176301	100.909	UG/L	97
85) SEC-BUTYLBENZENE	9.662	105	1181745	108.127	UG/L	100
86) 1,3-DICHLOROBENZENE	9.752	146	675845	116.769	UG/L	95
87) P-ISOPROPYLTOLUENE	9.816	119	931331	103.464	UG/L	95
88) 1,4-DICHLOROBENZENE	9.844	146	679394	112.013	UG/L	95
89) N-BUTYLBENZENE	10.217	91	878878	108.278	UG/L	100
90) 1,2-DICHLOROBENZENE	10.203	146	661847	116.318	UG/L	95
91) 1,2-DIBROMO-3-CHLOROPR...	10.976	75	53663	85.861	UG/L	84
92) 1,3,5-TRICHLOROBENZENE	11.188	180	339481	102.138	UG/L	94
93) 1,2,4-TRICHLOROBENZENE	11.796	180	249940	115.535	UG/L	95
94) HEXACHLOROBUTADIENE	11.977	225	143647	99.350	UG/L	98
95) NAPHTHALENE	12.030	128	470092	116.787	UG/L	99
96) 1,2,3-TRICHLOROBENZENE	12.270	180	145755	125.211	UG/L	96

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

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Page: 3

Data File : W:\DATA\121712\VB352014.D
 Acq On : 17 Dec 2012 6:23 pm
 Sample : 8260 STD 50 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 17 18:41:05 2012

Vial: 10
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

536

Quant Method : C:\MSDCHEM\1\METHODS\B1206W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Dec 07 05:31:05 2012
 Response via : Initial Calibration
 DataAcq Meth:B1206W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.962	168	176102	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.685	114	275169	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.523	82	158283	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.818	152	144906	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.230	65	88988	20.05	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	80.20%	
43) TOLUENE-D8 SS	6.123	98	295411	25.71	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	102.84%	
64) 4-BROMOFLUROBENZENE SS	8.683	95	119187	24.82	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	99.28%	
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	1.034	85	152232	44.635	UG/L	99
4) DIFLUOROCHLOROMETHANE	1.040	51	174057	58.886	UG/L	# 86
5) CHLOROMETHANE	1.135	50	159386	80.561	UG/L	98
6) VINYL CHLORIDE	1.190	62	184612	73.044	UG/L	100
7) BROMOMETHANE	1.372	94	96333	65.616	UG/L	98
8) CHLOROETHANE	1.427	64	91195	73.169	UG/L	99
9) FLUORODICHLOROMETHANE	1.536	67	259039	56.845	UG/L	98
10) TRICHLOROFLUOROMETHANE	1.575	101	183639	40.972	UG/L	99
11) ETHANOL	1.678	45	518	26.665	UG/L	# 66
12) DI ETHYL ETHER	1.743	59	125543	66.190	UG/L	# 89
13) ACROLEIN	1.826	56	250745	657.300	UG/L	97
14) ACETONE	1.924	43	415087	671.092	UG/L	98
15) 1,1-DICHLOROETHENE	1.893	61	198130	55.286	UG/L	96
16) 1,1,2-TRICL-1,2,2-TRIF...	1.890	101	99604	53.282	UG/L	98
17) IODOMETHANE	1.996	142	1818177	599.487	UG/L	# 83
18) METHYL ACETATE	2.155	43	119709	75.989	UG/L	# 86
19) T-BUTYL ALCOHOL	2.320	59	123550	468.481	UG/L	# 91
20) ACRYLONITRILE	2.429	53	52920	68.753	UG/L	96
21) METHYLENE CHLORIDE	2.231	49	186771	63.491	UG/L	# 82
22) CARBON DISULFIDE	2.046	76	3563454	604.702	UG/L	# 90
23) METHYL TERT-BUTYL ETHE...	2.451	73	389267	50.600	UG/L	93
24) TRANS 1,2-DICHLOROETHENE	2.445	61	201115	56.814	UG/L	100
25) 1,1-DICHLOROETHANE	2.822	63	246510	55.920	UG/L	99
26) VINYL ACETATE	2.880	43	2690118	629.338	UG/L	# 88
27) DI ISOPROPYL ETHER	2.900	45	405840	71.508	UG/L	# 80
28) 2-BUTANONE	3.438	43	690362	791.672	UG/L	# 87
29) T-BUTYL ETHYL ETHER	3.271	59	438592	57.585	UG/L	96
30) CIS-1,2-DICHLOROETHENE	3.407	61	242976	60.413	UG/L	99
31) 2,2-DICHLOROPROPANE	3.402	77	189315	56.144	UG/L	97
32) ETHYL ACETATE	3.508	43	154074	78.908	UG/L	# 93
33) BROMOCHLOROMETHANE	3.647	128	66590	56.075	UG/L	# 76
34) TETRAHYDROFURAN	3.700	42	40211	92.659	UG/L	# 80
35) CHLOROFORM	3.739	83	261060	52.112	UG/L	99
36) 1,1,1-TRICHLOROETHANE	3.909	97	217573	47.609	UG/L	96
37) CYCLOHEXANE	3.957	56	189116	63.051	UG/L	# 92
38) CARBON TETRACHLORIDE	4.071	117	168395	44.836	UG/L	99
39) 1,1-DICHLOROPROPENE	4.077	75	204203	61.478	UG/L	99
40) BENZENE	4.283	78	616404	69.451	UG/L	98
41) T-AMYL METHYL ETHER	4.417	73	410386	62.090	UG/L	95
44) 1,2-DICHLOROETHANE	4.308	62	218746	41.937	UG/L	# 80
45) TRICHLOROETHENE	4.927	95	149374	53.925	UG/L	98
46) METHYLCYCLOHEXANE	5.106	83	147871	65.363	UG/L	# 95
47) 1,2-DICHLOROPROPANE	5.147	63	156202	65.853	UG/L	98
48) DIBROMOMETHANE	5.259	93	93812	51.992	UG/L	97
49) 1,4-DIOXANE	5.298	88	13040	416.393	UG/L	# 90
50) BROMODICHLOROMETHANE	5.426	83	205416	51.630	UG/L	99
51) 2-CHLOROETHYL VINYLETHER	5.753	63	1114962	618.700	UG/L	88
52) MIBK	6.043	43	1426985	765.848	UG/L	# 80
53) CIS-1,3-DICHLOROPROPENE	5.870	75	260172	56.904	UG/L	93

Data File : W:\DATA\121712\VB352014.D
 Acq On : 17 Dec 2012 6:23 pm
 Sample : 8260 STD 50 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 17 18:41:05 2012

Vial: 10
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

537

Quant Method : C:\MSDCHEM\1\METHODS\B1206W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Dec 07 05:31:05 2012
 Response via : Initial Calibration
 DataAcq Meth:B1206W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) TOLUENE	6.188	91	654595	61.464	UG/L	99
55) TRANS-1,3,-DICHLOROPRO...	6.422	75	219964	50.036	UG/L #	91
56) ETHYL METHACRYLATE	6.539	41	266878	150.302	UG/L #	80
57) 1,1,2-TRICHLOROETHANE	6.595	97	139328	54.574	UG/L	95
58) 2-HEXANONE	6.862	43	1045760	838.651	UG/L #	83
59) TETRACHLOROETHENE	6.712	164	108932	55.906	UG/L	97
60) 1,3-DICHLOROPROPANE	6.754	76	253831	58.005	UG/L #	90
61) DIBROMOCHLOROMETHANE	6.968	129	144196	42.695	UG/L	100
62) 1,2-DIBROMOETHANE	7.063	107	142089	55.144	UG/L	100
65) CHLOROBENZENE	7.551	112	423941	58.682	UG/L	99
66) 1,1,1,2-TETRACHLOROETHANE	7.640	131	134764	54.403	UG/L	96
67) ETHYLBENZENE	7.674	91	715831	60.826	UG/L	99
68) M/P-XYLENES	7.791	91	1134403	119.234	UG/L	99
69) O-XYLENE	8.173	91	605045	59.415	UG/L	97
70) STYRENE	8.190	104	498393	67.680	UG/L	90
71) BROMOFORM	8.357	173	91071	45.737	UG/L	99
72) ISOPROPYLBENZENE	8.544	105	644138	60.974	UG/L	100
73) CIS-1,4-DICHLORO-2-BUTENE	8.619	53	54085	50.884	UG/L #	78
74) 1,1,2,2-TETRACHLOROETHANE	8.851	83	184394	63.174	UG/L	98
75) 1,4-DICHLORO-2-BUTENE(...	8.907	53	52468	49.512	UG/L #	78
76) BROMOBENZENE	8.815	77	292961	60.273	UG/L	98
77) 1,2,3-TRICHLOROPROPANE	8.879	110	52987	50.035	UG/L #	71
78) N-PROPYLBENZENE	8.948	91	742443	62.799	UG/L	96
79) 2-CHLOROTOLUENE	9.018	91	500637	57.315	UG/L	99
80) 1,3,5-TRIMETHYLBENZENE	9.130	105	556099	57.866	UG/L	97
81) 4-CHLOROTOLUENE	9.127	91	587381	58.217	UG/L	99
83) TERT-BUTYLBENZENE	9.445	119	406167	49.001	UG/L	94
84) 1,2,4-TRIMETHYLBENZENE	9.495	105	569146	50.504	UG/L	98
85) SEC-BUTYLBENZENE	9.662	105	572403	54.175	UG/L	99
86) 1,3-DICHLOROBENZENE	9.751	146	323233	57.767	UG/L	95
87) P-ISOPROPYLTOLUENE	9.813	119	451075	51.835	UG/L	95
88) 1,4-DICHLOROBENZENE	9.841	146	323224	55.124	UG/L	95
89) N-BUTYLBENZENE	10.217	91	420617	53.448	UG/L	99
90) 1,2-DICHLOROBENZENE	10.203	146	313988	57.080	UG/L	95
91) 1,2-DIBROMO-3-CHLOROPR...	10.976	75	21765	37.371	UG/L	89
92) 1,3,5-TRICHLOROBENZENE	11.185	180	156892	49.448	UG/L	94
93) 1,2,4-TRICHLOROBENZENE	11.796	180	105652	54.221	UG/L	95
94) HEXACHLOROBUTADIENE	11.980	225	66655	47.807	UG/L	98
95) NAPHTHALENE	12.030	128	179317	50.899	UG/L	99
96) 1,2,3-TRICHLOROBENZENE	12.270	180	57294	54.898	UG/L	95

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

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Page: 3

Data File : W:\DATA\121712\VB352016.D
 Acq On : 17 Dec 2012 7:25 pm
 Sample : 8260 STD 200 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 17 19:43:20 2012

Vial: 12
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

539

Quant Method : C:\MSDCHEM\1\METHODS\B1206W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Dec 07 05:31:05 2012
 Response via : Initial Calibration
 DataAcq Meth:B1206W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.962	168	191221	30.00	UG/L	0.00
42) 1,4-DIFLUOROBENZENE - ...	4.684	114	293277	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.526	82	171926	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.821	152	161836	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	93256	19.35	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	77.40%	
43) TOLUENE-D8 SS	6.129	98	322052	26.29	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	105.16%	
64) 4-BROMOFLUOROBENZENE SS	8.686	95	132378	25.38	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	101.52%	
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	1.031	85	516701	139.522	UG/L	99
4) DIFLUOROCHLOROMETHANE	1.040	51	624666	194.624	UG/L #	86
5) CHLOROMETHANE	1.135	50	600665	279.599	UG/L	97
6) VINYL CHLORIDE	1.190	62	652472	237.747	UG/L	99
7) BROMOMETHANE	1.358	94	92568	58.027	UG/L	97
8) CHLOROETHANE	1.416	64	297816	220.056	UG/L	99
9) FLUORODICHLOROMETHANE	1.533	67	936547	189.272	UG/L	99
10) TRICHLOROFLUOROMETHANE	1.567	101	690006	141.776	UG/L	99
11) ETHANOL	1.742	45	325312	15421.815	UG/L #	64
12) DI ETHYL ETHER	1.742	59	475821	231.032	UG/L #	89
13) ACROLEIN	1.826	56	965358	2330.497	UG/L	98
14) ACETONE	1.927	43	1567122	2333.322	UG/L	97
15) 1,1-DICHLOROETHENE	1.888	61	703961	180.901	UG/L	94
16) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	373206	183.858	UG/L	96
17) IODOMETHANE	1.993	142	5542585	1710.264	UG/L	85
18) METHYL ACETATE	2.152	43	541657	316.646	UG/L #	88
19) T-BUTYL ALCOHOL	2.353	59	595899	2080.897	UG/L	94
20) ACRYLONITRILE	2.429	53	211043	252.506	UG/L	97
21) METHYLENE CHLORIDE	2.228	49	697348	218.315	UG/L	85
22) CARBON DISULFIDE	2.044	76	8406390	1313.738	UG/L	94
23) METHYL TERT-BUTYL ETHE...	2.448	73	1528751	183.007	UG/L	94
24) TRANS 1,2-DICHLOROETHENE	2.442	61	726817	189.089	UG/L	97
25) 1,1-DICHLOROETHANE	2.819	63	948943	198.243	UG/L	99
26) VINYL ACETATE	2.889	43	7745789	1668.809	UG/L	93
27) DI ISOPROPYL ETHER	2.905	45	1261816	204.749	UG/L	86
28) 2-BUTANONE	3.444	43	2832856	2991.725	UG/L #	90
29) T-BUTYL ETHYL ETHER	3.273	59	1836364	222.042	UG/L	96
30) CIS-1,2-DICHLOROETHENE	3.407	61	959156	219.626	UG/L	96
31) 2,2-DICHLOROPROPANE	3.402	77	775537	211.812	UG/L	97
32) ETHYL ACETATE	3.510	43	673028	317.432	UG/L	95
33) BROMOCHLOROMETHANE	3.647	128	235940	182.976	UG/L #	79
34) TETRAHYDROFURAN	3.700	42	176941	375.493	UG/L #	81
35) CHLOROFORM	3.739	83	1043827	191.891	UG/L	99
36) 1,1,1-TRICHLOROETHANE	3.906	97	885190	178.383	UG/L	97
37) CYCLOHEXANE	3.957	56	750724	230.502	UG/L	93
38) CARBON TETRACHLORIDE	4.071	117	696754	170.846	UG/L	100
39) 1,1-DICHLOROPROPENE	4.077	75	800123	221.841	UG/L	99
40) BENZENE	4.283	78	2445245	253.725	UG/L	100
41) T-AMYL METHYL ETHER	4.417	73	1760443	245.290	UG/L	96
44) 1,2-DICHLOROETHANE	4.308	62	846376	152.243	UG/L #	79
45) TRICHLOROETHENE	4.927	95	606175	205.321	UG/L	98
46) METHYLCYCLOHEXANE	5.106	83	601034	249.271	UG/L #	95
47) 1,2-DICHLOROPROPANE	5.147	63	640067	253.184	UG/L	97
48) DIBROMOMETHANE	5.259	93	391291	203.469	UG/L	97
49) 1,4-DIOXANE	5.306	88	66703	1998.448	UG/L	95
50) BROMODICHLOROMETHANE	5.429	83	883458	208.343	UG/L	99
51) 2-CHLOROETHYL VINYLETHER	5.766	63	3447970	1795.168	UG/L	92
52) MIBK	6.057	43	4708316	2370.883	UG/L #	87
53) CIS-1,3-DICHLOROPROPENE	5.875	75	1109038	226.923	UG/L	96

Data File : W:\DATA\121712\VB352016.D
 Acq On : 17 Dec 2012 7:25 pm
 Sample : 8260 STD 200 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 17 19:43:20 2012

Vial: 12
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

540

Quant Method : C:\MSDCHEM\1\METHODS\B1206W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Dec 07 05:31:05 2012
 Response via : Initial Calibration
 DataAcq Meth:B1206W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) TOLUENE	6.193	91	2579626	227.261	UG/L	99
55) TRANS-1,3,-DICHLOROPRO...	6.425	75	968041	204.212	UG/L	91
56) ETHYL METHACRYLATE	6.545	41	1074210	567.628	UG/L	86
57) 1,1,2-TRICHLOROETHANE	6.600	97	594674	218.547	UG/L	94
58) 2-HEXANONE	6.876	43	3706401	2788.838	UG/L #	90
59) TETRACHLOROETHENE	6.715	164	447840	215.649	UG/L	96
60) 1,3-DICHLOROPROPANE	6.756	76	1050403	225.215	UG/L	92
61) DIBROMOCHLOROMETHANE	6.974	129	652332	177.970	UG/L	100
62) 1,2-DIBROMOETHANE	7.069	107	610790	222.408	UG/L	100
65) CHLOROBENZENE	7.554	112	1699517	216.578	UG/L	100
66) 1,1,1,2-TETRACHLOROETHANE	7.643	131	586754	218.070	UG/L	96
67) ETHYLBENZENE	7.677	91	2755595	215.569	UG/L	99
68) M/P-XYLENES	7.797	91	4036659	390.612	UG/L	96
69) O-XYLENE	8.176	91	2350912	212.538	UG/L	95
70) STYRENE	8.195	104	1990965	248.912	UG/L	91
71) BROMOFORM	8.357	173	487013	215.277	UG/L	99
72) ISOPROPYLBENZENE	8.547	105	2561779	223.255	UG/L	98
73) CIS-1,4-DICHLORO-2-BUTENE	8.622	53	264622	223.340	UG/L #	77
74) 1,1,2,2-TETRACHLOROETHANE	8.856	83	855705	269.902	UG/L	98
75) 1,4-DICHLORO-2-BUTENE(...	8.912	53	259547	215.854	UG/L #	82
76) BROMOBENZENE	8.820	77	1232454	233.440	UG/L	95
77) 1,2,3-TRICHLOROPROPANE	8.884	110	242259	210.609	UG/L	73
78) N-PROPYLBENZENE	8.954	91	2923290	227.644	UG/L	99
79) 2-CHLOROTOLUENE	9.024	91	2040777	215.096	UG/L	99
80) 1,3,5-TRIMETHYLBENZENE	9.132	105	2128827	203.942	UG/L	94
81) 4-CHLOROTOLUENE	9.132	91	2256892	205.936	UG/L	98
83) TERT-BUTYLBENZENE	9.447	119	1687685	182.306	UG/L	94
84) 1,2,4-TRIMETHYLBENZENE	9.498	105	2292817	182.171	UG/L	96
85) SEC-BUTYLBENZENE	9.665	105	2314601	196.149	UG/L	99
86) 1,3-DICHLOROBENZENE	9.754	146	1380722	220.945	UG/L	95
87) P-ISOPROPYLTOLUENE	9.818	119	1822279	187.498	UG/L	95
88) 1,4-DICHLOROBENZENE	9.843	146	1380355	210.783	UG/L	95
89) N-BUTYLBENZENE	10.220	91	1685954	192.615	UG/L	99
90) 1,2-DICHLOROBENZENE	10.206	146	1330894	216.635	UG/L	95
91) 1,2-DIBROMO-3-CHLOROPR...	10.978	75	114149	166.903	UG/L #	83
92) 1,3,5-TRICHLOROBENZENE	11.188	180	680992	188.744	UG/L	95
93) 1,2,4-TRICHLOROBENZENE	11.796	180	513857	214.047	UG/L	95
94) HEXACHLOROBUTADIENE	11.977	225	286441	183.288	UG/L	99
95) NAPHTHALENE	12.030	128	967116	215.323	UG/L	100
96) 1,2,3-TRICHLOROBENZENE	12.270	180	301420	233.674	UG/L	96

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

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Page: 3

Data File : W:\DATA\121712\VB352019.D
 Acq On : 17 Dec 2012 8:58 pm
 Sample : B0-BS1
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 18 08:38:15 2012

Vial: 15
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

542

Quant Method : C:\MSDCHEM\1\METHODS\B1217W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Tue Dec 18 08:23:21 2012
 Response via : Initial Calibration
 DataAcq Meth:B1206W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.959	168	173920	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.682	114	271583	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.523	82	152501	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	131597	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.230	65	90003	25.25	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	101.00%	
43) TOLUENE-D8 SS	6.123	98	285381	24.71	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	98.84%	
64) 4-BROMOFLUROBENZENE SS	8.683	95	112296	25.11	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	100.44%	
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	1.034	85	14995	4.668	UG/L	99
4) DIFLUOROCHLOROMETHANE	1.043	51	27343	8.167	UG/L	100
5) CHLOROMETHANE	1.135	50	28479	8.413	UG/L	97
6) VINYL CHLORIDE	1.190	62	23741	7.213	UG/L	98
7) BROMOMETHANE	1.372	94	10022	5.349	UG/L	95
8) CHLOROETHANE	1.427	64	14024	8.980	UG/L	96
9) FLUORODICHLOROMETHANE	1.536	67	40426	8.970	UG/L	99
10) TRICHLOROFLUOROMETHANE	1.572	101	28551	8.791	UG/L	100
11) ETHANOL	1.743	45	13581	462.714	UG/L	# 52
12) DI ETHYL ETHER	1.743	59	20204	9.748	UG/L	99
13) ACROLEIN	1.826	56	23926	55.632	UG/L	# 96
14) ACETONE	1.927	43	62008	82.190	UG/L	97
15) 1,1-DICHLOROETHENE	1.888	61	30381	9.092	UG/L	98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.888	101	16259	9.502	UG/L	92
17) IODOMETHANE	1.994	142	37408	12.115	UG/L	97
18) METHYL ACETATE	2.158	43	25966	9.126	UG/L	96
19) T-BUTYL ALCOHOL	2.328	59	24925	102.859	UG/L	# 90
20) ACRYLONITRILE	2.426	53	11370	11.403	UG/L	98
21) METHYLENE CHLORIDE	2.228	49	39235	9.909	UG/L	92
22) CARBON DISULFIDE	2.041	76	65029	9.531	UG/L	94
23) METHYL TERT-BUTYL ETHE...	2.451	73	89506	11.974	UG/L	100
24) TRANS 1,2-DICHLOROETHENE	2.442	61	39841	10.414	UG/L	93
25) 1,1-DICHLOROETHANE	2.822	63	49503	10.617	UG/L	99
26) VINYL ACETATE	2.880	43	657804	117.475	UG/L	# 90
27) DI ISOPROPYL ETHER	2.897	45	101163	12.409	UG/L	# 88
28) 2-BUTANONE	3.438	43	130538	98.913	UG/L	96
29) T-BUTYL ETHYL ETHER	3.271	59	91239	11.457	UG/L	98
30) CIS-1,2-DICHLOROETHENE	3.405	61	44232	9.917	UG/L	96
31) 2,2-DICHLOROPROPANE	3.402	77	26719	8.077	UG/L	100
32) ETHYL ACETATE	3.508	43	29198	9.699	UG/L	95
33) BROMOCHLOROMETHANE	3.647	128	12689	10.547	UG/L	94
34) TETRAHYDROFURAN	3.706	42	8819	11.463	UG/L	96
35) CHLOROFORM	3.736	83	48873	10.058	UG/L	99
36) 1,1,1-TRICHLOROETHANE	3.907	97	38404	10.389	UG/L	97
37) CYCLOHEXANE	3.954	56	39304	10.463	UG/L	97
38) CARBON TETRACHLORIDE	4.068	117	28723	9.880	UG/L	100
39) 1,1-DICHLOROPROPENE	4.074	75	37692	10.154	UG/L	97
40) BENZENE	4.280	78	114564	10.120	UG/L	98
41) T-AMYL METHYL ETHER	4.417	73	82889	11.312	UG/L	98
44) 1,2-DICHLOROETHANE	4.305	62	42519	10.454	UG/L	98
45) TRICHLOROETHENE	4.924	95	27023	9.999	UG/L	100
46) METHYLCYCLOHEXANE	5.106	83	29016	10.778	UG/L	98
47) 1,2-DICHLOROPROPANE	5.145	63	28819	10.415	UG/L	96
48) DIBROMOMETHANE	5.256	93	18232	10.899	UG/L	97
49) 1,4-DIOXANE	5.298	88	2698	95.995	UG/L	# 79
50) BROMODICHLOROMETHANE	5.426	83	33326	10.503	UG/L	99
51) 2-CHLOROETHYL VINYLETHER	0.000		0	N.D.		
52) MIBK	6.040	43	291569	109.107	UG/L	# 90
53) CIS-1,3-DICHLOROPROPENE	5.870	75	39681	8.340	UG/L	95

Data File : W:\DATA\121712\VB352019.D
 Acq On : 17 Dec 2012 8:58 pm
 Sample : B0-BS1
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 18 08:38:15 2012

Vial: 15
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

543

Quant Method : C:\MSDCHEM\1\METHODS\B1217W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Tue Dec 18 08:23:21 2012
 Response via : Initial Calibration
 DataAcq Meth:B1206W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) TOLUENE	6.188	91	121970	10.226	UG/L	97
55) TRANS-1,3,-DICHLOROPRO...	6.422	75	34556	8.866	UG/L	96
56) ETHYL METHACRYLATE	6.536	41	26932	5.200	UG/L	88
57) 1,1,2-TRICHLOROETHANE	6.595	97	26112	10.721	UG/L	98
58) 2-HEXANONE	6.862	43	201916	109.989	UG/L #	89
59) TETRACHLOROETHENE	6.712	164	19867	9.952	UG/L	99
60) 1,3-DICHLOROPROPANE	6.751	76	47485	10.467	UG/L	97
61) DIBROMOCHLOROMETHANE	6.968	129	21654	8.627	UG/L	99
62) 1,2-DIBROMOETHANE	7.060	107	26170	10.561	UG/L	99
65) CHLOROBENZENE	7.551	112	76127	10.057	UG/L	97
66) 1,1,1,2-TETRACHLOROETHANE	7.638	131	22862	9.811	UG/L	98
67) ETHYLBENZENE	7.674	91	129007	10.431	UG/L	97
68) M/P-XYLENES	7.788	91	205333	21.072	UG/L	96
69) O-XYLENE	8.173	91	107367	10.395	UG/L	97
70) STYRENE	8.190	104	86165	10.265	UG/L	99
71) BROMOFORM	8.357	173	12666	9.379	UG/L	99
72) ISOPROPYLBENZENE	8.544	105	112065	10.324	UG/L	98
73) CIS-1,4-DICHLORO-2-BUTENE	8.619	53	7468	7.747	UG/L #	69
74) 1,1,2,2-TETRACHLOROETHANE	8.848	83	34242	10.500	UG/L	100
75) 1,4-DICHLORO-2-BUTENE(...	8.909	53	7473	9.689	UG/L #	84
76) BROMOBENZENE	8.817	77	53865	10.475	UG/L	96
77) 1,2,3-TRICHLOROPROPANE	8.881	110	10138	10.801	UG/L #	64
78) N-PROPYLBENZENE	8.948	91	125725	10.183	UG/L	96
79) 2-CHLOROTOLUENE	9.018	91	87139	9.928	UG/L	98
80) 1,3,5-TRIMETHYLBENZENE	9.130	105	94561	10.435	UG/L	97
81) 4-CHLOROTOLUENE	9.127	91	103827	10.425	UG/L	97
83) TERT-BUTYLBENZENE	9.445	119	70491	10.269	UG/L	99
84) 1,2,4-TRIMETHYLBENZENE	9.492	105	97867	10.606	UG/L	99
85) SEC-BUTYLBENZENE	9.662	105	97043	10.300	UG/L	98
86) 1,3-DICHLOROBENZENE	9.749	146	56197	10.241	UG/L	99
87) P-ISOPROPYLTOLUENE	9.816	119	80480	10.974	UG/L	99
88) 1,4-DICHLOROBENZENE	9.841	146	58984	10.558	UG/L	97
89) N-BUTYLBENZENE	10.217	91	68262	10.019	UG/L	98
90) 1,2-DICHLOROBENZENE	10.203	146	55612	10.503	UG/L	100
91) 1,2-DIBROMO-3-CHLOROPR...	10.979	75	3495	10.965	UG/L	91
92) 1,3,5-TRICHLOROBENZENE	11.185	180	28758	11.118	UG/L	99
93) 1,2,4-TRICHLOROBENZENE	11.793	180	17276	10.632	UG/L	97
94) HEXACHLOROBUTADIENE	11.980	225	14189	12.203	UG/L	97
95) NAPHTHALENE	12.030	128	26283	10.307	UG/L	99
96) 1,2,3-TRICHLOROBENZENE	12.272	180	10443	10.943	UG/L	97

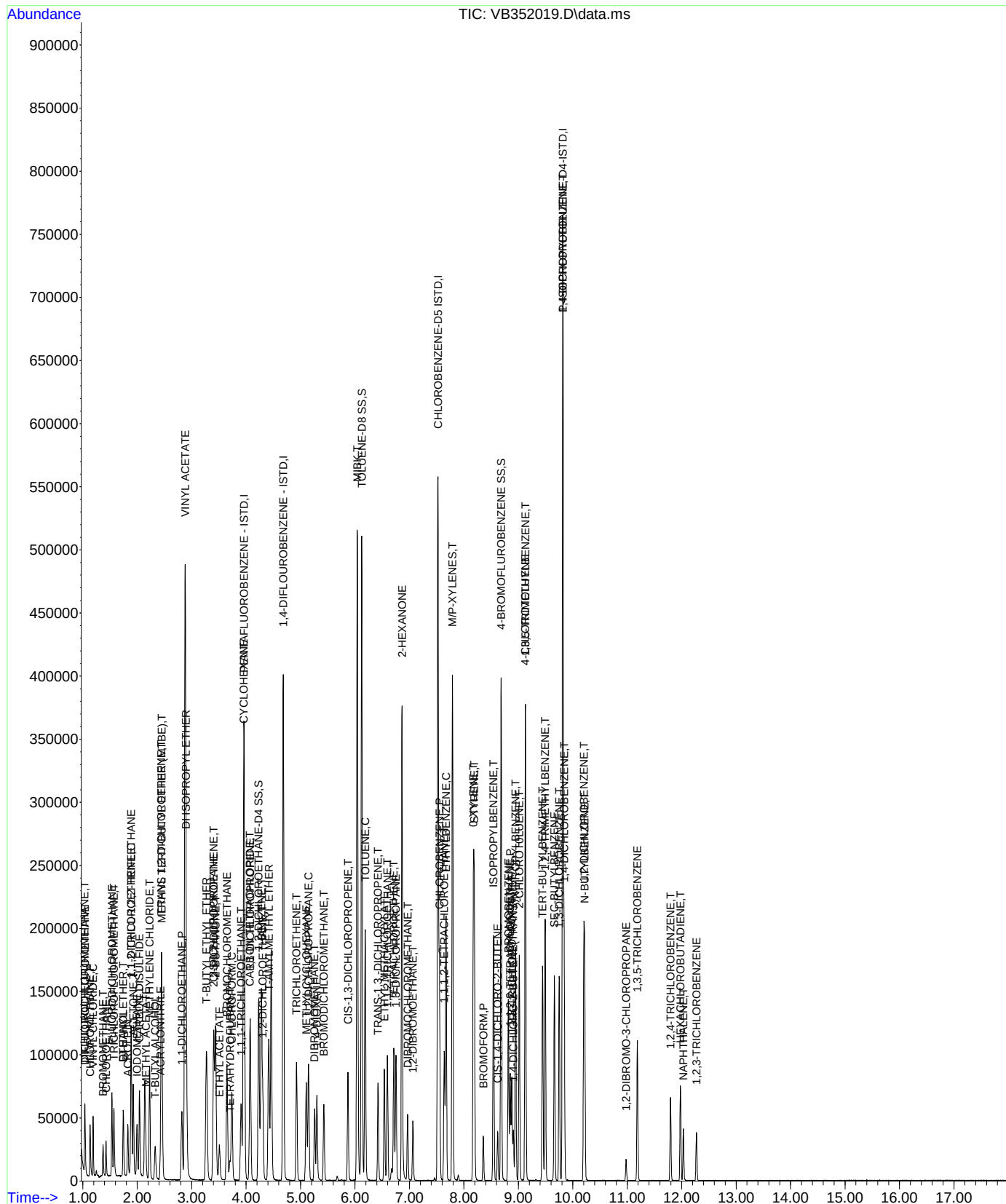
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : W:\DATA\121712\VB352019.D
Acq On : 17 Dec 2012 8:58 pm
Sample : B0-BS1
InstName : GCMSVOA2
Misc :
Quant Time: Dec 18 08:38:15 2012

Vial: 15
Operator:
Inst : GCMSVOA2
Multiplr: 1.00

544

Quant Method : C:\MSDCHEM\1\METHODS\B1217W12.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Dec 18 08:23:21 2012
Response via : Initial Calibration
DataAcq Meth:B1206W12.M



INITIAL CALIBRATION STANDARDS

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Sequence:	S003738	Instrument:	GCMSVOA5
Calibration:	1300013		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1206199	0.4ppb 8260 Calibration Standard	S003738-CAL1	ve322024.D	11/17/12 10:20
1206200	0.5ppb 8260 Calibration Standard	S003738-CAL2	ve322025.D	11/17/12 10:46
1206201	1ppb 8260 Calibration Standard	S003738-CAL3	ve322026.D	11/17/12 11:13
1206202	2ppb 8260 Calibration Standard	S003738-CAL4	ve322027.D	11/17/12 11:39
1206203	5ppb 8260 Calibration Standard	S003738-CAL5	ve322028.D	11/17/12 12:05
1206204	10ppb 8260 Calibration Standard	S003738-CAL6	ve322029.D	11/17/12 12:31
1206205	20ppb 8260 Calibration Standard	S003738-CAL7	ve322030.D	11/17/12 12:57
1206206	50ppb 8260 Calibration Standard	S003738-CAL8	ve322031.D	11/17/12 13:24
1206207	100ppb 8260 Calibration Standard	S003738-CAL9	ve322032.D	11/17/12 13:50
1206208	200ppb 8260 Calibration Standard	S003738-CALA	ve322033.D	11/17/12 14:16

U:\DATA\111612\

Date		Filename	Lab ID	Sample Info
16 Nov 2012	2:26 pm	ve322001.D	BLK	1
16 Nov 2012	2:52 pm	ve322002.D	BLK	1
16 Nov 2012	3:18 pm	ve322003.D	BLK	1
16 Nov 2012	3:44 pm	ve322004.D	BLK	1
16 Nov 2012	4:10 pm	ve322005.D	BLK	1
16 Nov 2012	4:36 pm	ve322006.D	BLK	1
16 Nov 2012	5:02 pm	ve322007.D	BLK	1
16 Nov 2012	5:28 pm	ve322008.D	BLK	1
16 Nov 2012	5:55 pm	ve322009.D	BLK	1
16 Nov 2012	6:21 pm	ve322010.D	BLK	1
16 Nov 2012	6:47 pm	ve322011.D	BLK	1
16 Nov 2012	7:13 pm	ve322012.D	BLK	1
16 Nov 2012	7:39 pm	ve322013.D	BLK	1
16 Nov 2012	8:06 pm	ve322014.D	BLK	1
16 Nov 2012	8:32 pm	ve322015.D	BLK	1
16 Nov 2012	8:58 pm	ve322016.D	BLK	1
16 Nov 2012	9:25 pm	ve322017.D	BLK	1
16 Nov 2012	9:51 pm	ve322018.D	BLK	1
16 Nov 2012	10:17 pm	ve322019.D	BLK	1
16 Nov 2012	10:44 pm	ve322020.D	BLK	1
16 Nov 2012	11:10 pm	ve322021.D	BLK	1
17 Nov 2012	9:28 am	ve322022.D	BLK	1
17 Nov 2012	9:54 am	ve322023.D	BLK	1
17 Nov 2012	10:20 am	ve322024.D	8260STD 0.4PPB	1
17 Nov 2012	10:46 am	ve322025.D	8260STD 0.5PPB	1
17 Nov 2012	11:13 am	ve322026.D	8260STD 1.0PPB	1
17 Nov 2012	11:39 am	ve322027.D	8260STD 2.0PPB	1
17 Nov 2012	12:05 pm	ve322028.D	8260STD 5.0PPB	1
17 Nov 2012	12:31 pm	ve322029.D	8260STD 10PPB	1
17 Nov 2012	12:57 pm	ve322030.D	8260STD 20PPB	1
17 Nov 2012	1:24 pm	ve322031.D	8260STD 50PPB	1
17 Nov 2012	1:50 pm	ve322032.D	8260STD 100PPB	1
17 Nov 2012	2:16 pm	ve322033.D	8260STD 200PPB	1
17 Nov 2012	2:42 pm	ve322034.D	BLK	1
17 Nov 2012	3:08 pm	ve322035.D	BLK	1
17 Nov 2012	3:35 pm	ve322036.D	BLK	1
17 Nov 2012	4:01 pm	ve322037.D	ICV	1
17 Nov 2012	4:27 pm	ve322038.D	ICV	1
17 Nov 2012	4:53 pm	ve322039.D	BLK	1
17 Nov 2012	5:20 pm	ve322040.D	BLK	1
17 Nov 2012	5:46 pm	ve322041.D	BLK	1
17 Nov 2012	6:12 pm	ve322042.D	BLK	1

Method Path : C:\msdchem\1\METHODS\
 Method File : E111712W.m
 Title : 8260 WATER 5MLS VOAMS 5973 #5
 Last Update : Fri Dec 21 14:08:20 2012
 Response Via : Initial Calibration

Calibration Files

0.4 =ve322024.D 0.5 =ve322025.D 1 =ve322026.D 2 =ve322027.D 5 =ve322028.D 10 =ve322029.D 20 =ve322030.D 50 =ve322031.D
 100 =ve322032.D 200 =ve322033.D

Compound		0.4	0.5	1	2	5	10	20	50	100	200	Avg	%RSD
1)	PENTAFLUOROBENZENE...	-----ISTD-----											
2) S	1,2-DICHLOROET...	0.496	0.520	0.517	0.505	0.522	0.511	0.522	0.469	0.464	0.459	0.498	5.07
3)	DICHLORODIFLUO...			0.501	0.468	0.437	0.433	0.403	0.387	0.387	0.336	0.419	12.36
4)	DIFLUOROCHLORO...										0.000		-1.00
5) P	CHLOROMETHANE	0.642	0.566	0.631	0.550	0.481	0.476	0.357	0.304	0.267	0.275	0.455	31.82
6) C	VINYL CHLORIDE	0.455	0.302	0.482	0.427	0.416	0.434	0.346	0.379			0.405	14.69#
7)	BROMOMETHANE	0.159	0.143	0.216	0.164	0.151	0.157	0.144	0.153	0.156	0.179	0.162	13.18
8)	CHLOROETHANE	0.194	0.178	0.236	0.187	0.167	0.190	0.153	0.152			0.182	14.88
9)	Ethanol										0.000		-1.00
10)	FLUORODICHLORO...	0.735	0.538	0.706	0.613	0.632	0.663	0.598	0.640	0.595	0.577	0.630	9.43
11)	TRICHLOROFLUOR...	0.563	0.427	0.691	0.644	0.596	0.619	0.568	0.577	0.560	0.513	0.576	12.54
12)	DI ETHYL ETHER	0.195	0.252	0.262	0.224	0.216	0.208	0.205	0.199	0.198	0.183	0.214	11.83
13)	ACROLEIN			0.021	0.022	0.020	0.020	0.022	0.020	0.021		0.021	3.99
14)	ACETONE		0.067	0.067	0.056	0.061	0.056	0.061	0.052	0.056	0.050	0.058	9.98
15) C	1,1-DICHLOROET...	0.478	0.302	0.480	0.561	0.449	0.460	0.426	0.432	0.448	0.430	0.447	14.42#
16)	1,1,2-TRICL-1,...	0.283	0.199	0.322	0.291	0.269	0.277	0.259	0.260	0.254	0.242	0.266	12.16
17)	IODOMETHANE	0.281	0.228	0.374	0.376	0.364	0.448	0.440	0.474			0.373	22.66
18)	ALLYL CHLORIDE										0.000		-1.00
19)	METHYL ACETATE	0.182	0.284	0.190	0.219	0.214	0.205	0.229	0.198	0.222	0.211	0.215	13.13
20)	T-BUTYL ALCOHOL	0.017	0.014	0.012	0.013	0.013	0.011	0.015	0.011	0.015	0.013	0.013	14.24
21)	ACRYLONITRILE		0.083	0.068	0.063	0.071	0.064	0.068	0.063	0.067	0.067	0.068	9.14
22)	METHYLENE CHLO...					0.413	0.402	0.356	0.346	0.309	0.299	0.354	13.17
23)	CARBON DISULFIDE	0.933	0.642	1.017	0.954	0.895	0.939	0.842				0.889	13.68
24)	METHYL TERT-BU...	0.452	0.596	0.647	0.637	0.648	0.601	0.619	0.609	0.645	0.634	0.609	9.57
25)	TRANS 1,2-DICH...	0.472	0.291	0.474	0.428	0.410	0.426	0.386	0.381	0.367	0.356	0.399	13.89
26) P	1,1-DICHLOROET...	0.495	0.400	0.567	0.543	0.495	0.523	0.481	0.508	0.480	0.465	0.496	9.22
27)	PROPIONITRILE										0.000		-1.00
28)	VINYL ACETATE	0.336	0.415	0.456	0.432	0.474	0.432	0.483	0.453	0.494		0.442	10.74
29)	CHLOROPRENE										0.000		-1.00
30)	DI ISOPROYL ETHER	0.703	0.560	0.763	0.692	0.707	0.714	0.698	0.735	0.723	0.719	0.701	7.66
31)	2-BUTANONE		0.062	0.064	0.061	0.069	0.064	0.076	0.066	0.074	0.067	0.067	7.53
32)	METHACRYLONITRILE										0.000		-1.00
33)	T-BUTYL ETHYL ...	0.651	0.679	0.780	0.750	0.764	0.713	0.721	0.725	0.748	0.741	0.727	5.34
34)	CIS-1,2-DICHL...	0.476	0.386	0.455	0.441	0.411	0.431	0.399	0.411	0.399	0.391	0.420	7.06
35)	2,2-DICHLOROPR...	0.495	0.338	0.468	0.455	0.440	0.446	0.406	0.433	0.419	0.406	0.431	9.94
36)	ETHYL ACETATE		0.046	0.161	0.122	0.155	0.149	0.177	0.158	0.184	0.170	0.147	28.45
37)	BROMOCHLOROMET...	0.278	0.249	0.261	0.244	0.241	0.244	0.225	0.225	0.211	0.188	0.237	10.85
38)	TETRAHYDROFURAN			0.055	0.056	0.062	0.048	0.042	0.040	0.046	0.042	0.049	16.44
39) C	CHLOROFORM	0.503	0.495	0.577	0.536	0.531	0.557	0.521	0.546	0.521	0.515	0.530	4.70#
40)	ISOBUTANOL										0.000		-1.00
41)	1,1,1-TRICHLOR...	0.574	0.370	0.551	0.499	0.480	0.503	0.460	0.479	0.467	0.457	0.484	11.47

Method Path : C:\msdchem\1\METHODS\

Method File : E111712W.m

Title : 8260 WATER 5MLS VOAMS 5973 #5

42)	CYCLOHEXANE	0.426	0.505	0.477	0.440	0.449	0.406	0.381	0.371	0.357	0.424	11.72
43)	CARBON TETRACH...	0.442	0.319	0.499	0.433	0.433	0.444	0.411	0.417	0.415	0.398	10.79
44)	1,1-DICHLOROPR...	0.448	0.312	0.458	0.445	0.409	0.430	0.398	0.389	0.377	0.368	11.08
45)	BENZENE	1.295	1.008	1.295	1.223	1.139	1.190	1.100	1.156	1.086	1.084	8.12
46)	T-AMYLMETHYL E...	0.598	0.699	0.720	0.662	0.679	0.640	0.674	0.652	0.714	0.698	5.54
47)	1,4-DIFLUOROBENZEN...	-----ISTD-----										
48) S	TOLUENE SS	1.167	1.155	1.164	1.159	1.184	1.183	1.181	1.182	1.162	1.156	1.169
49)	1,2-DICHLOROET...			0.358	0.321	0.276	0.268	0.259	0.259	0.262	0.252	13.33
50)	METHYL METHACR...			0.145	0.166	0.136	0.139	0.130	0.122	0.123	0.117	11.64
51)	TRICHLOROETHENE	0.306	0.198	0.250	0.242	0.213	0.226	0.215	0.217	0.216	0.214	13.40
52)	METHYLCYCLOHEXANE			0.347	0.339	0.313	0.326	0.308	0.288	0.293	0.279	7.91
53) C	1,2-DICHLOROPR...	0.241	0.231	0.235	0.206	0.198	0.207	0.196	0.210	0.208	0.202	7.53#
54)	DIBROMOMETHANE	0.147	0.169	0.152	0.125	0.136	0.128	0.133	0.129	0.135	0.129	10.11
55)	1,4-DIOXANE						0.001	0.002	0.001	0.002	0.002	12.97
56)	BROMODICHLOROM...	0.321	0.315	0.331	0.296	0.302	0.304	0.295	0.314	0.314	0.314	3.69
57)	2-CHLOROETHYLV...		0.037	0.045	0.042	0.043	0.040	0.044	0.040	0.046		7.00
58)	MIBK	0.107	0.141	0.138	0.142	0.146	0.123	0.156	0.127	0.169	0.148	12.53
59)	CIS-1,3-DICHLOR...	0.356	0.334	0.364	0.330	0.345	0.340	0.337	0.348	0.353	0.347	3.03
60) C	TOLUENE	0.954	0.824	0.975	0.899	0.857	0.897	0.855	0.883	0.893	0.893	5.02#
61)	TRANS-1,3,-DIC...	0.298	0.291	0.299	0.283	0.286	0.277	0.281	0.284	0.300	0.298	2.98
62)	ETHYL METHACRY...		0.245	0.227	0.228	0.221	0.193	0.220	0.194	0.232	0.222	7.70
63)	1,1,2-TRICHLOR...	0.203	0.203	0.201	0.181	0.182	0.172	0.175	0.176	0.187	0.183	6.46
64)	2-HEXANONE		0.092	0.091	0.093	0.104	0.083	0.108	0.084	0.117	0.107	12.13
65)	TETRACHLOROETHENE	0.263	0.168	0.265	0.257	0.238	0.253	0.245	0.250	0.257	0.251	11.45
66)	1,3-DICHLOROPR...	0.288	0.262	0.297	0.293	0.292	0.279	0.289	0.281	0.307	0.292	4.21
67)	DIBROMOCHLOROM...	0.246	0.242	0.241	0.234	0.230	0.228	0.235	0.240	0.257	0.259	4.38
68)	1,2-DIBROMOETHANE	0.186	0.197	0.200	0.194	0.192	0.183	0.194	0.183	0.200	0.195	3.32
69)	CHLOROBENZENE-D5	...-----ISTD-----										
70) S	4-BROMOFLUOROB...	0.876	0.889	0.882	0.877	0.889	0.882	0.889	0.901	0.937	0.969	3.38
71) T	CHLOROBENZENE	1.305	1.062	1.304	1.279	1.242	1.258	1.196	1.268	1.292	1.247	5.81
72)	1,1,1,2-TETRAC...	0.510	0.424	0.415	0.417	0.425	0.435	0.421	0.454	0.474	0.464	7.00
73) C	ETHYLBENZENE	2.176	1.593	2.190	2.163	2.024	2.129	1.976	2.090	2.132	2.082	8.56#
74)	M/P-XYLENES	1.752	1.283	1.750	1.678	1.626	1.673	1.608	1.694	1.741	1.563	8.52
75)	O-XYLENE	1.804	1.188	1.811	1.707	1.637	1.721	1.604	1.687	1.747	1.754	10.81
76)	STYRENE	1.347	1.092	1.345	1.279	1.258	1.285	1.233	1.304	1.359	1.356	6.29
77) P	BROMOFORM	0.283	0.330	0.302	0.304	0.300	0.280	0.320	0.313	0.377	0.374	10.56
78)	ISOPROPYLBENZENE	2.409	1.666	2.394	2.264	2.107	2.197	2.044	2.212	2.278	2.230	9.75
79)	CIS-1,4-DICHLOR...			0.165	0.129	0.130	0.111	0.129	0.111	0.137	0.132	12.83
80) P	1,1,2,2-TETRAC...	0.451	0.523	0.465	0.474	0.480	0.404	0.464	0.414	0.512	0.490	8.09
81)	1,4-DICHLORO-2...			0.150	0.135	0.104	0.124	0.109	0.138	0.130	0.127	12.93
82)	BROMOBENZENE	0.800	0.673	0.791	0.747	0.716	0.730	0.714	0.754	0.787	0.780	5.49
83)	1,2,3-TRICHLOR...	0.352	0.367	0.316	0.348	0.345	0.294	0.344	0.291	0.366	0.347	8.09
84)	N-PROPYLBENZENE	2.707	1.885	2.611	2.653	2.415	2.565	2.449	2.595	2.684	2.471	9.55
85)	2-CHLOROTOLUENE	1.387	1.183	1.426	1.401	1.388	1.411	1.340	1.429	1.452	1.498	6.08
86)	1,3,5-TRIMETHY...	1.759	1.357	1.786	1.791	1.752	1.774	1.708	1.830	1.901	1.931	8.91
87)	4-CHLOROTOLUENE	1.609	1.257	1.615	1.513	1.409	1.493	1.402	1.520	1.567	1.586	7.54
88)	1,4-DICHLOROBENZEN...	-----ISTD-----										
89)	TERT-BUTYLBENZENE	1.601	1.091	1.607	1.537	1.446	1.490	1.372	1.489	1.504	1.501	10.11

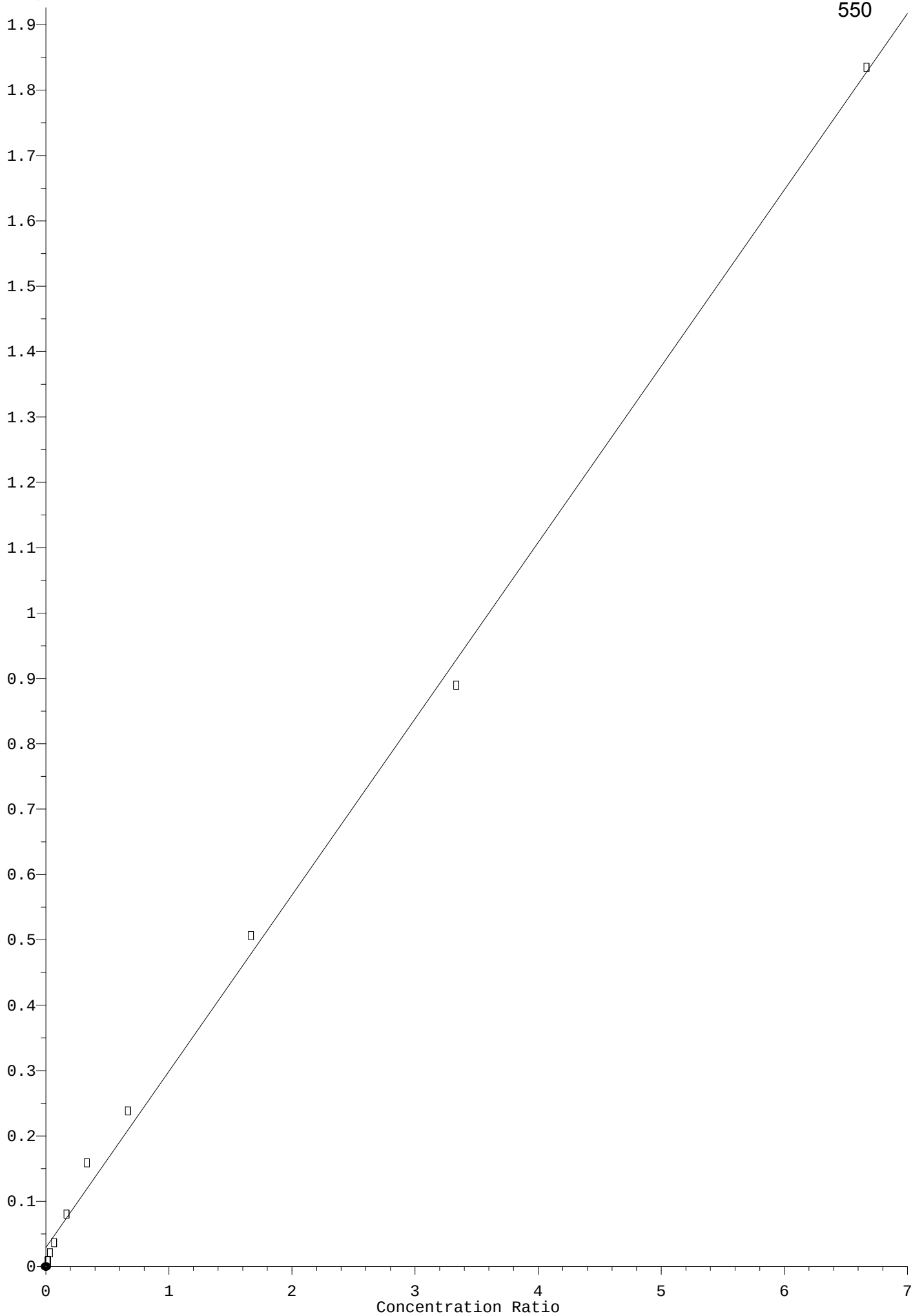
Method Path : C:\msdchem\1\METHODS\
Method File : E111712W.m
Title : 8260 WATER 5MLS VOAMS 5973 #5

90)	1,2,4-TRIMETHY...	1.799	1.331	1.787	1.735	1.651	1.700	1.567	1.708	1.707	1.706	1.669	8.13
91)	SEC-BUTYLBENZENE	2.224	1.584	2.415	2.368	2.213	2.336	2.159	2.364	2.347	2.239	2.225	10.79
92)	1,3-DICHLOROB...	0.998	0.881	1.043	0.994	0.978	0.997	0.950	1.038	1.030	1.049	0.996	5.14
93)	P-ISOPROPYLTOL...	1.846	1.288	1.806	1.764	1.699	1.767	1.614	1.762	1.788	1.774	1.711	9.42
94)	1,4-DICHLOROB...	1.044	0.854	1.027	0.954	0.935	0.962	0.912	0.980	0.991	0.979	0.964	5.71
95)	N-BUTYLBENZENE	1.775	1.189	1.805	1.774	1.733	1.750	1.641	1.804	1.806	1.826	1.710	11.15
96)	1,2-DICHLOROB...	0.911	0.877	0.992	0.918	0.904	0.894	0.888	0.920	0.941	0.949	0.919	3.69
97)	1,2-DIBROMO-3-...			0.081	0.077	0.074	0.055	0.068	0.053	0.070	0.065	0.068	14.76
98)	1,3,5-TRICHLOR...	0.638	0.490	0.631	0.638	0.610	0.596	0.606	0.663	0.699	0.703	0.627	9.67
99)	1,2,4-TRICHLOR...	0.462	0.478	0.525	0.507	0.498	0.471	0.515	0.502	0.587	0.582	0.513	8.30
100)	HEXACHLOROBUTA...	0.291	0.198	0.280	0.291	0.254	0.263	0.258	0.286	0.315	0.340	0.278	13.79
101)	NAPHTHALENE	0.917	1.206	1.100	1.068	1.094	0.864	1.092	0.867	1.138	1.047	1.039	11.25
102)	1,2,3-TRICHLOR...	0.351	0.442	0.390	0.387	0.406	0.339	0.414	0.353	0.462	0.430	0.397	10.36

(#) = Out of Range

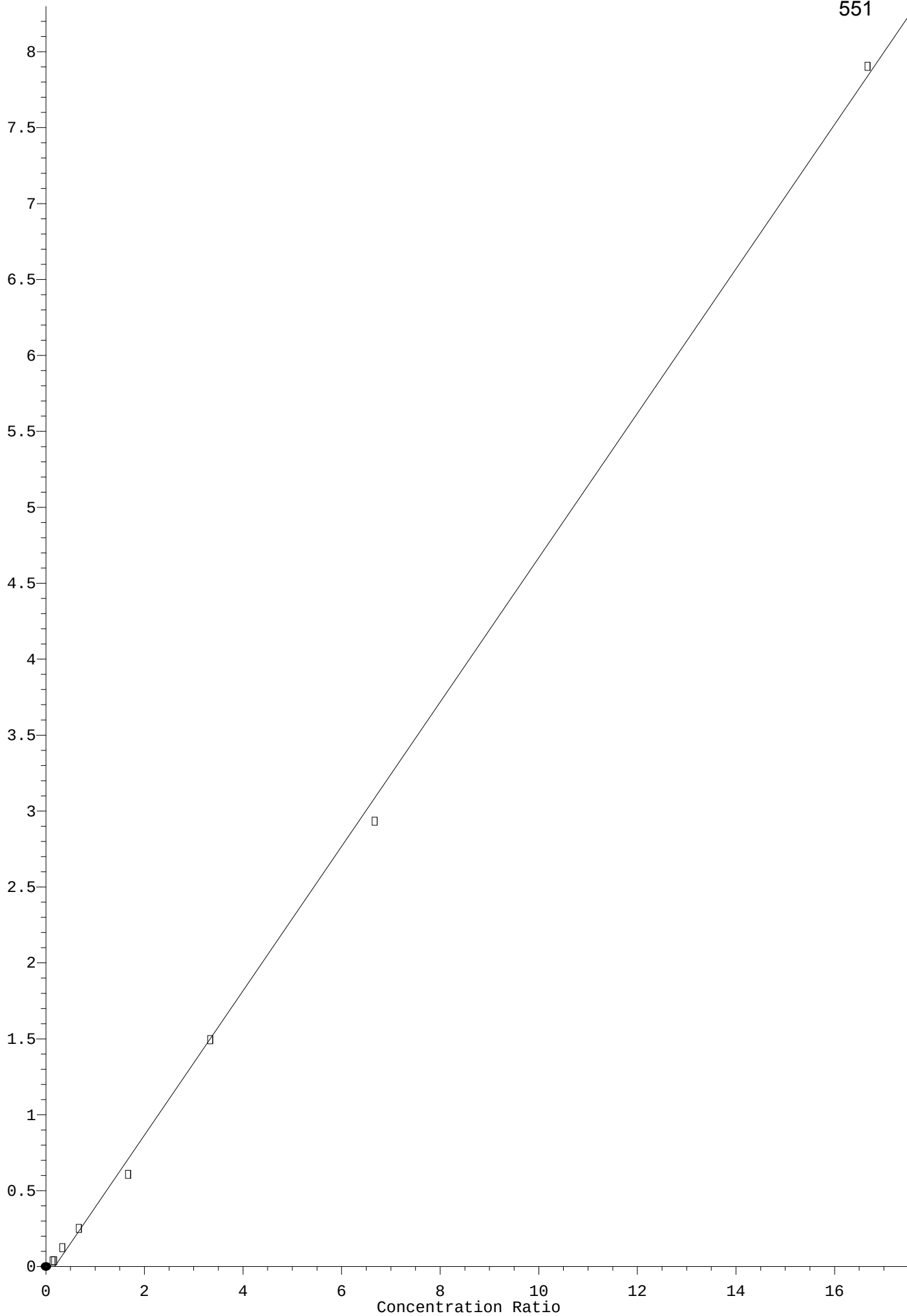
CHLOROMETHANE

Response Ratio



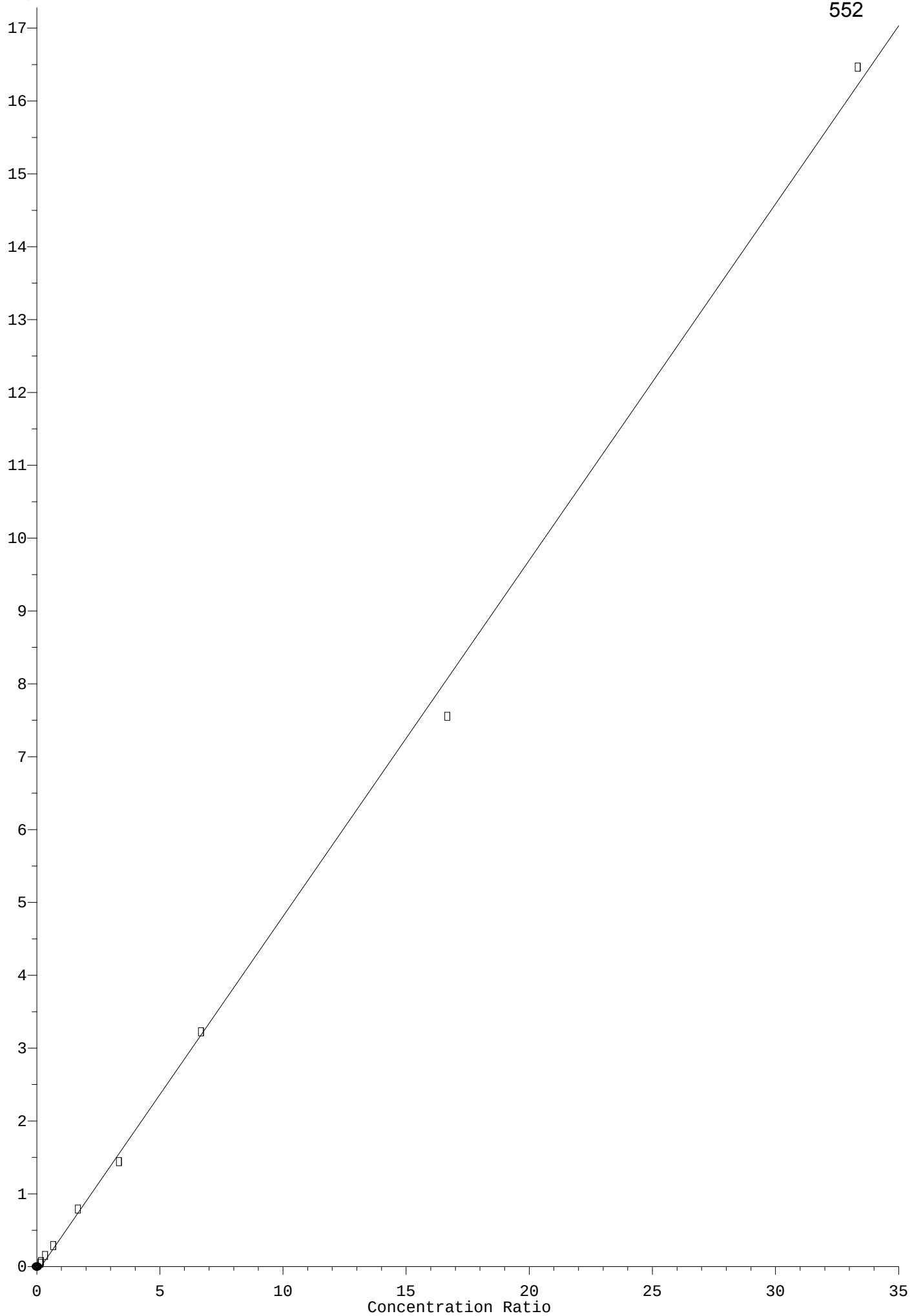
IODOMETHANE

Response Ratio

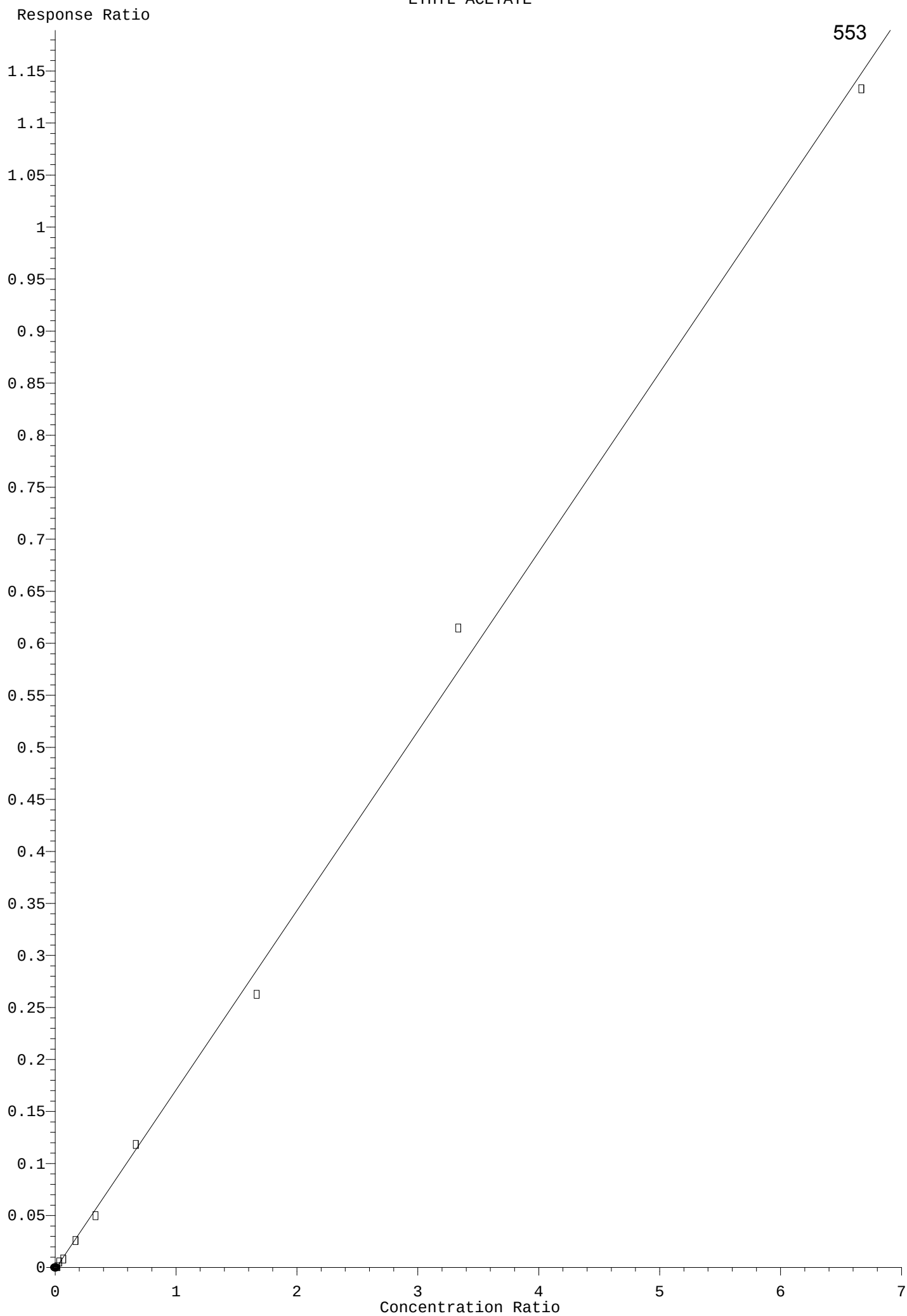


VINYL ACETATE

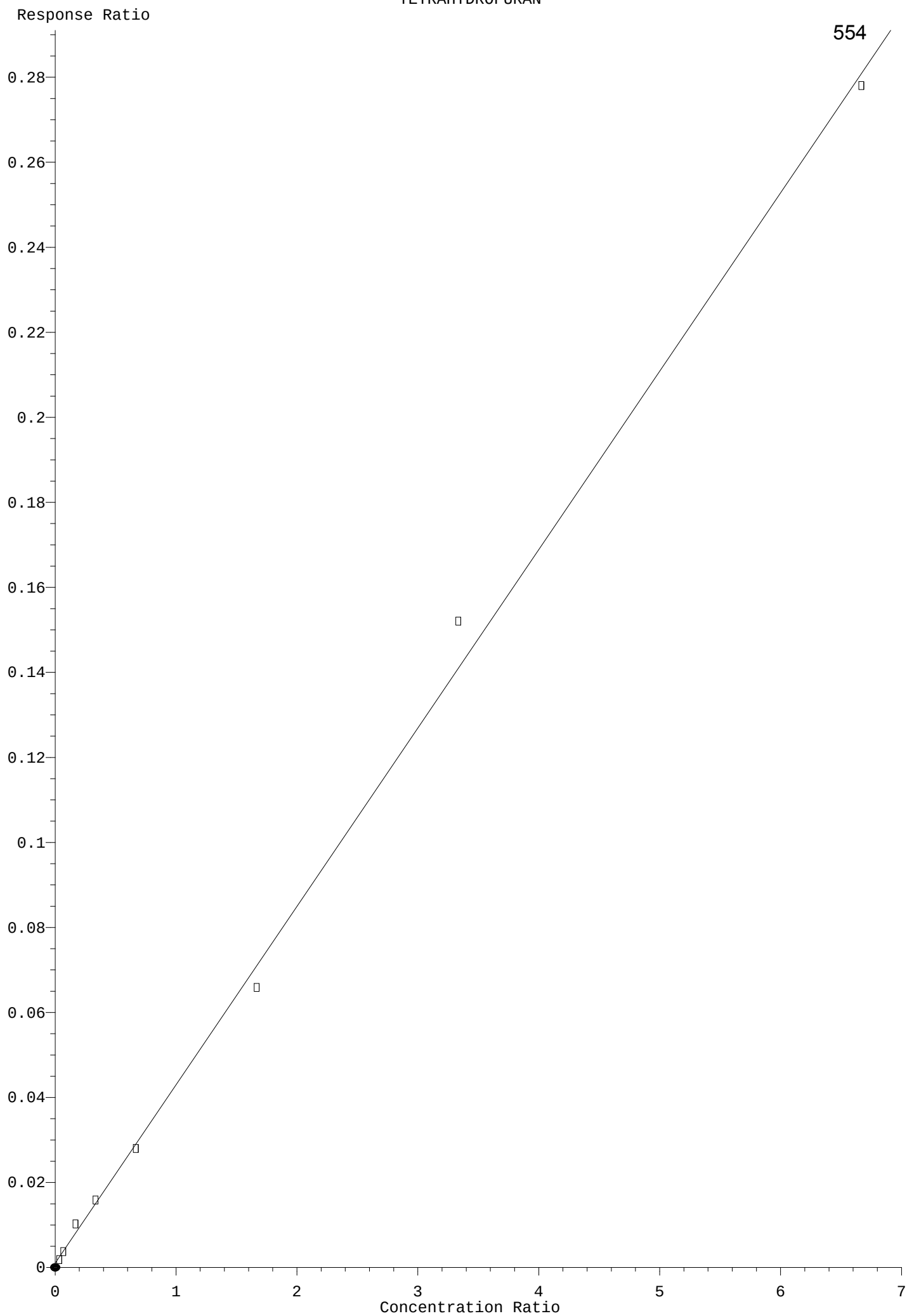
Response Ratio



ETHYL ACETATE



TETRAHYDROFURAN

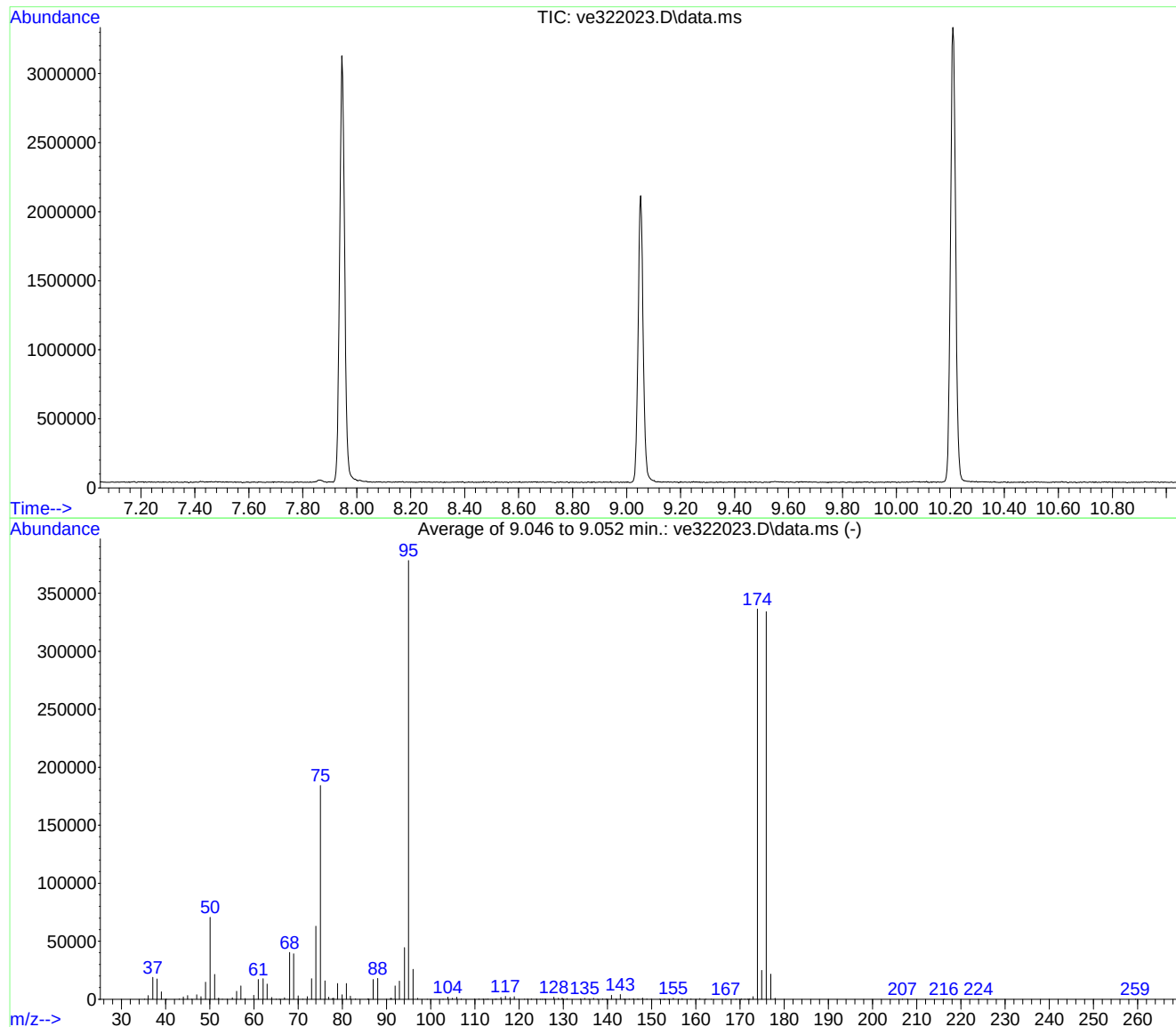


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 Data File : ve322023.D
 Acq On : 17 Nov 2012 9:54 am
 Operator :
 Sample : BLK
 Misc : 1
 ALS Vial : 23 Sample Multiplier: 1

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Integration File: 8260B.P

Method : C:\msdchem\1\METHODS\E111712W.m
 Title : 8260 WATER 5MLS VOAMS 5973 #5
 Last Update : Fri Dec 21 14:08:20 2012



AutoFind: Scans 2926, 2927, 2928; Background Corrected with Scan 2913

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.6	70504	PASS
75	95	30	60	48.7	184299	PASS
95	95	100	100	100.0	378184	PASS
96	95	5	9	6.8	25854	PASS
173	174	0.00	2	0.7	2232	PASS
174	95	50	100	89.0	336512	PASS
175	174	5	9	7.4	24837	PASS
176	174	95	101	99.3	334080	PASS
177	176	5	9	6.5	21632	PASS

Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322024.D
 Acq On : 17 Nov 2012 10:20 am
 Operator :
 Sample : 8260STD 0.4PPB
 Misc : 1
 ALS Vial : 24 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 10:42:48 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Mon Nov 12 10:04:58 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.314	168	1024532	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.073	114	1472184	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.942	82	718517	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.209	152	722040	30.00	UG/L	0.00

System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	SS	4.230	65	423161	25.96	UG/L 0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.84%
48) TOLUENE SS		6.684	98	1431360	24.77	UG/L 0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.08%
70) 4-BROMOFLUOROBENZENE SS		9.049	95	524750	25.02	UG/L 0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.08%

Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE		0.957	85	5663m	0.53	UG/L
4) DIFLUOROCHLOROMETHANE		0.000		0	N.D.	
5) CHLOROMETHANE		1.035	50	8770m	0.77	UG/L
6) VINYL CHLORIDE		1.113	62	6214	0.47	UG/L # 29
7) BROMOMETHANE		1.294	94	2172	0.24	UG/L # 58
8) CHLOROETHANE		1.369	64	2644m	0.40	UG/L
9) Ethanol		1.835	45	1136	No Calib	#
10) FLUORODICHLOROMETHANE		1.403	67	10041	0.50	UG/L # 79
11) TRICHLOROFLUOROMETHANE		1.676	101	7696	0.52	UG/L 94
12) DI ETHYL ETHER		1.841	59	2669	0.35	UG/L # 61
13) ACROLEIN		1.676	56	2410	2.00	UG/L # 48
14) ACETONE		1.760	43	10674m	5.09	UG/L
15) 1,1-DICHLOROETHENE		2.000	61	6532m	0.43	UG/L
16) 1,1,2-TRICL-1,2,2-TRIF...		2.164	101	3867	0.41	UG/L 98
17) IODOMETHANE		2.005	142	38423	4.95	UG/L 95
18) ALLYL CHLORIDE		2.211	41	918	No Calib	#
19) METHYL ACETATE		2.198	43	2480	No Calib	#
20) T-BUTYL ALCOHOL		2.053	59	2265m	4.68	UG/L
21) ACRYLONITRILE		0.000		0	N.D. d	
22) METHYLENE CHLORIDE		2.114	49	10141	0.70	UG/L # 67
23) CARBON DISULFIDE		2.214	76	127505	3.75	UG/L 100
24) METHYL TERT-BUTYL ETHE...		2.792	73	6179m	0.31	UG/L
25) TRANS 1,2-DICHLOROETHENE		2.644	61	6446m	0.43	UG/L
26) 1,1-DICHLOROETHANE		2.878	63	6768m	0.36	UG/L
27) PROPIONITRILE		0.000		0	N.D.	
28) VINYL ACETATE		3.123	43	45832	2.85	UG/L 97
29) CHLOROPRENE		3.698	53	525	No Calib	#
30) DI ISOPROYL ETHER		3.438	45	9610m	0.34	UG/L
31) 2-BUTANONE		3.402	43	5120m	1.66	UG/L
32) METHACRYLONITRILE		3.726	41	2091	No Calib	#
33) T-BUTYL ETHYL ETHER		3.832	59	8893	0.38	UG/L # 73
34) CIS-1,2-DICHLOROETHENE		3.461	61	6501	0.42	UG/L # 70
35) 2,2-DICHLOROPROPANE		3.737	77	6763	0.54	UG/L 99
36) ETHYL ACETATE		3.812	43	787	0.12	UG/L # 5
37) BROMOCHLOROMETHANE		3.600	49	3800m	0.43	UG/L
38) TETRAHYDROFURAN		0.000		0	N.D. d	
39) CHLOROFORM		3.681	83	6871	0.36	UG/L # 68
40) ISOBUTANOL		4.069	43	972	No Calib	#
41) 1,1,1-TRICHLOROETHANE		4.381	97	7837	0.53	UG/L # 52
42) CYCLOHEXANE		4.629	56	7938m	0.48	UG/L
43) CARBON TETRACHLORIDE		4.718	117	6043	0.42	UG/L 86
44) 1,1-DICHLOROPROPENE		4.579	75	6124	0.42	UG/L # 86
45) BENZENE		4.771	78	17685	0.40	UG/L 100
46) T-AMYL METHYL ETHER		5.020	73	8168	0.41	UG/L 91
49) 1,2-DICHLOROETHANE		4.306	62	9550	0.82	UG/L # 1
50) METHYL METHACRYLATE		5.839	41	3299	0.58	UG/L # 66
51) TRICHLOROETHENE		5.388	95	6012m	0.56	UG/L
52) METHYLCYCLOHEXANE		5.839	83	6323	0.42	UG/L # 77

Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322024.D
 Acq On : 17 Nov 2012 10:20 am
 Operator :
 Sample : 8260STD 0.4PPB
 Misc : 1
 ALS Vial : 24 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 10:42:48 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Mon Nov 12 10:04:58 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 1,2-DICHLOROPROPANE	5.343	63	4726	0.43	UG/L #	95
54) DIBROMOMETHANE	5.287	93	2892m	0.46	UG/L	
55) 1,4-DIOXANE	0.000		0	N.D.		
56) BROMODICHLOROMETHANE	5.427	83	6302	0.43	UG/L #	97
57) 2-CHLOROETHYL VINYLETHER	5.923	63	7142	3.42	UG/L	96
58) MIBK	6.222	43	21013	3.13	UG/L #	95
59) CIS-1,3-DICHLOROPROPENE	6.063	75	6990	0.42	UG/L	91
60) TOLUENE	6.746	91	18728	0.43	UG/L	91
61) TRANS-1,3,-DICHLOROPRO...	6.473	75	5849	0.47	UG/L	90
62) ETHYL METHACRYLATE	6.955	69	3925	0.39	UG/L #	68
63) 1,1,2-TRICHLOROETHANE	6.581	97	3986m	0.45	UG/L	
64) 2-HEXANONE	7.025	43	12576	2.71	UG/L	96
65) TETRACHLOROETHENE	7.373	166	5153	0.45	UG/L	91
66) 1,3-DICHLOROPROPANE	6.793	76	5656	0.39	UG/L	96
67) DIBROMOCHLOROMETHANE	6.980	129	4819	0.42	UG/L	86
68) 1,2-DIBROMOETHANE	7.186	107	3653	0.40	UG/L #	98
71) CHLOROBENZENE	7.973	112	12503	0.43	UG/L #	53
72) 1,1,1,2-TETRACHLOROETHANE	7.909	131	4886	0.48	UG/L #	1
73) ETHYLBENZENE	8.196	91	20850	0.45	UG/L	96
74) M/P-XYLENES	8.380	91	33565	0.94	UG/L	98
75) O-XYLENE	8.715	91	17284	0.47	UG/L	98
76) STYRENE	8.656	104	12900	0.45	UG/L #	85
77) BROMOFORM	8.374	173	2710	0.35	UG/L #	96
78) ISOPROPYLBENZENE	9.055	105	23081	0.49	UG/L	99
79) CIS-1,4-DICHLORO-2-BUTENE	8.603	53	2417m	0.89	UG/L	
80) 1,1,2,2-TETRACHLOROETHANE	8.701	83	4321m	0.39	UG/L	
81) 1,4-DICHLORO-2-BUTENE(...	8.890	53	1485m	0.58	UG/L	
82) BROMOBENZENE	9.200	77	7666	0.44	UG/L	88
83) 1,2,3-TRICHLOROPROPANE	8.826	75	3372	0.44	UG/L	99
84) N-PROPYLBENZENE	9.448	91	25937	0.47	UG/L	95
85) 2-CHLOROTOLUENE	9.490	91	13289	0.42	UG/L	92
86) 1,3,5-TRIMETHYLBENZENE	9.749	105	16856	0.46	UG/L	94
87) 4-CHLOROTOLUENE	9.568	91	15410	0.47	UG/L	97
89) TERT-BUTYLBENZENE	9.958	119	15413	0.49	UG/L	91
90) 1,2,4-TRIMETHYLBENZENE	10.078	105	17319	0.49	UG/L	96
91) SEC-BUTYLBENZENE	10.156	105	21413	0.44	UG/L	98
92) 1,3-DICHLOROBENZENE	10.170	146	9606	0.43	UG/L #	87
93) P-ISOPROPYLTOLUENE	10.349	119	17771	0.49	UG/L #	91
94) 1,4-DICHLOROBENZENE	10.237	146	10050	0.46	UG/L #	78
95) N-BUTYLBENZENE	10.717	91	17093	0.47	UG/L	98
96) 1,2-DICHLOROBENZENE	10.536	146	8771	0.43	UG/L #	87
97) 1,2-DIBROMO-3-CHLOROPR...	10.957	75	894m	0.63	UG/L	
98) 1,3,5-TRICHLOROBENZENE	11.726	180	6140	0.43	UG/L	96
99) 1,2,4-TRICHLOROBENZENE	12.198	180	4443	0.39	UG/L	90
100) HEXACHLOROBUTADIENE	12.521	225	2802	0.43	UG/L #	77
101) NAPHTHALENE	12.410	128	8830m	0.42	UG/L	
102) 1,2,3-TRICHLOROBENZENE	12.591	180	3382	0.39	UG/L	90

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

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Inst : GCMSV0A5

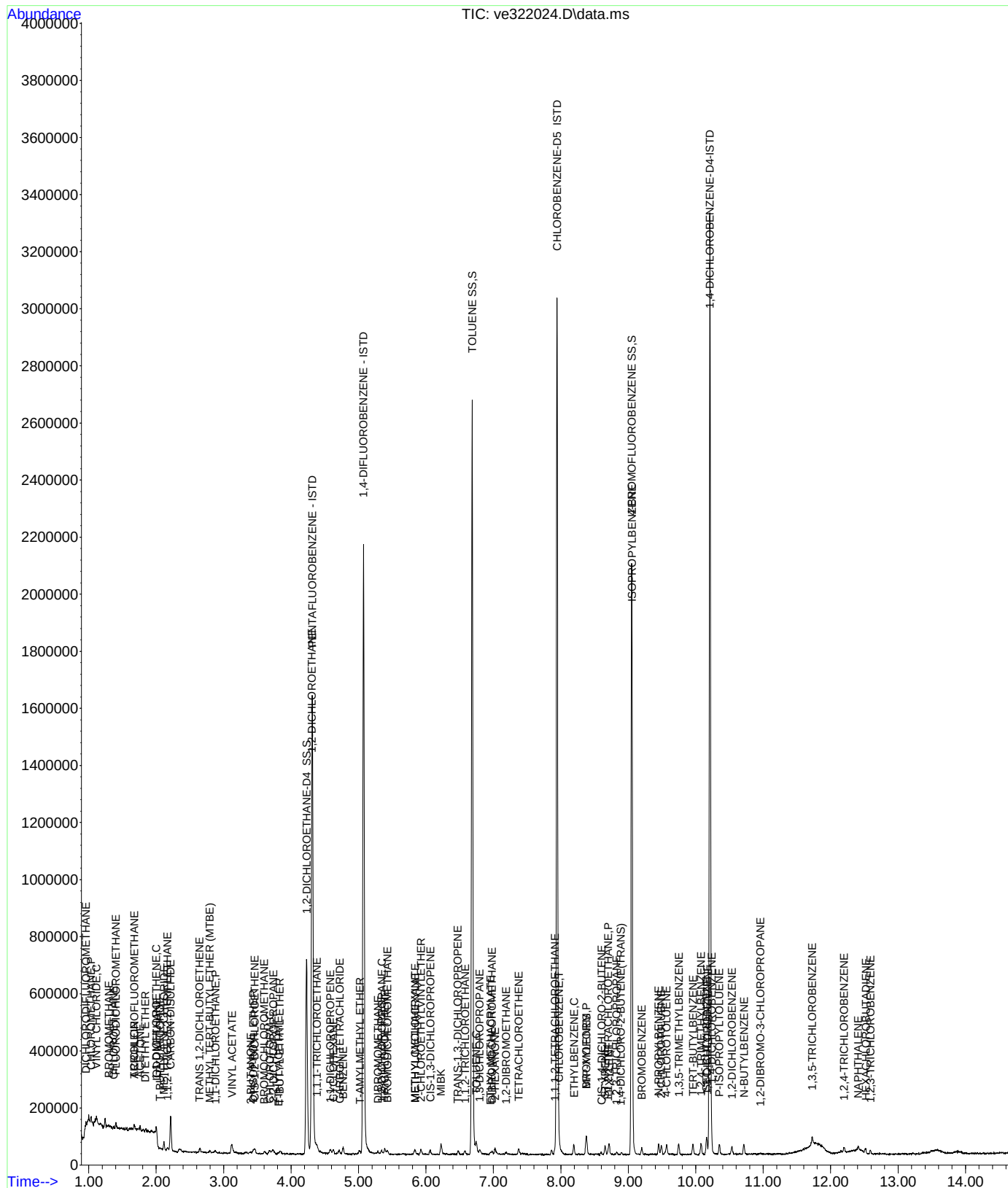
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Quant Method : C:\msdchem\1\METHODS\E110512W.m

Quant Title : 8260 WATER 5MLS VOAMS 5973 #5

QLast Update : Mon Nov 12 10:04:58 2012

Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\111612\
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 Acq On : 17 Nov 2012 10:46 am
 Operator :
 Sample : 8260STD 0.5PPB
 Misc : 1
 ALS Vial : 25 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 10:45:18 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.317	168	1003645	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.075	114	1461631	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.945	82	709179	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.209	152	733604	30.00	UG/L	0.00

System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	SS	4.230	65	434804	27.23	UG/L 0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.92%
48) TOLUENE SS		6.684	98	1406858	24.53	UG/L 0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.12%
70) 4-BROMOFLUOROBENZENE SS		9.052	95	525093	25.36	UG/L 0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.44%

Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE		0.957	85	4787	0.46	UG/L 92
4) DIFLUOROCHLOROMETHANE		0.000		0	N.D.	
5) CHLOROMETHANE		1.032	50	9463	0.84	UG/L 98
6) VINYL CHLORIDE		1.116	62	5046	0.39	UG/L # 71
7) BROMOMETHANE		1.297	94	2396	0.27	UG/L 89
8) CHLOROETHANE		1.372	64	2981m	0.46	UG/L
9) Ethanol		1.843	45	2303	No Calib	#
10) FLUORODICHLOROMETHANE		1.406	67	9004	0.46	UG/L # 88
11) TRICHLOROFLUOROMETHANE		1.673	101	7137	0.49	UG/L 99
12) DI ETHYL ETHER		1.846	59	4221	0.56	UG/L # 86
13) ACROLEIN		1.679	56	5071m	4.29	UG/L
14) ACETONE		1.762	43	11147	5.43	UG/L # 85
15) 1,1-DICHLOROETHENE		2.002	61	5044	0.34	UG/L 95
16) 1,1,2-TRICL-1,2,2-TRIF...		2.167	101	3333	0.36	UG/L # 62
17) IODOMETHANE		2.002	142	38056	4.97	UG/L 94
18) ALLYL CHLORIDE		2.273	41	535	No Calib	#
19) METHYL ACETATE		2.189	43	4749	No Calib	#
20) T-BUTYL ALCOHOL		2.061	59	2292m	4.83	UG/L
21) ACRYLONITRILE		2.069	53	1392	0.42	UG/L # 57
22) METHYLENE CHLORIDE		2.119	49	12867	0.90	UG/L # 66
23) CARBON DISULFIDE		2.214	76	107307	3.22	UG/L 100
24) METHYL TERT-BUTYL ETHE...		2.803	73	9973	0.51	UG/L # 58
25) TRANS 1,2-DICHLOROETHENE		2.649	61	4870	0.33	UG/L 89
26) 1,1-DICHLOROETHANE		2.870	63	6693	0.36	UG/L # 85
27) PROPIONITRILE		0.000		0	N.D.	
28) VINYL ACETATE		3.121	43	69394	4.16	UG/L # 94
29) CHLOROPRENE		0.000		0	N.D.	
30) DI ISOPROYL ETHER		3.447	45	9366	0.34	UG/L 95
31) 2-BUTANONE		3.394	43	10353	3.42	UG/L # 95
32) METHACRYLONITRILE		3.740	41	4435	No Calib	
33) T-BUTYL ETHYL ETHER		3.840	59	11363	0.50	UG/L # 77
34) CIS-1,2-DICHLOROETHENE		3.464	61	6457m	0.43	UG/L
35) 2,2-DICHLOROPROPANE		3.740	77	5648	0.46	UG/L # 55
36) ETHYL ACETATE		3.809	43	773	0.12	UG/L # 1
37) BROMOCHLOROMETHANE		3.611	49	4170	0.48	UG/L # 89
38) TETRAHYDROFURAN		0.000		0	N.D.	d
39) CHLOROFORM		3.681	83	8274m	0.44	UG/L
40) ISOBUTANOL		4.007	43	618	No Calib	#
41) 1,1,1-TRICHLOROETHANE		4.381	97	6188	0.43	UG/L # 45
42) CYCLOHEXANE		4.624	56	7130m	0.44	UG/L
43) CARBON TETRACHLORIDE		4.716	117	5329	0.38	UG/L 98
44) 1,1-DICHLOROPROPENE		4.582	75	5226	0.37	UG/L 94
45) BENZENE		4.771	78	16862	0.39	UG/L 100
46) T-AMYL METHYL ETHER		5.020	73	11693	0.60	UG/L 95
49) 1,2-DICHLOROETHANE		4.311	62	10700	0.93	UG/L # 1
50) METHYL METHACRYLATE		5.834	41	1825	0.32	UG/L # 63
51) TRICHLOROETHENE		5.388	95	4821m	0.45	UG/L
52) METHYLCYCLOHEXANE		5.828	83	1627	0.11	UG/L # 1

Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322025.D
 Acq On : 17 Nov 2012 10:46 am
 Operator :
 Sample : 8260STD 0.5PPB
 Misc : 1
 ALS Vial : 25 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 10:45:18 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

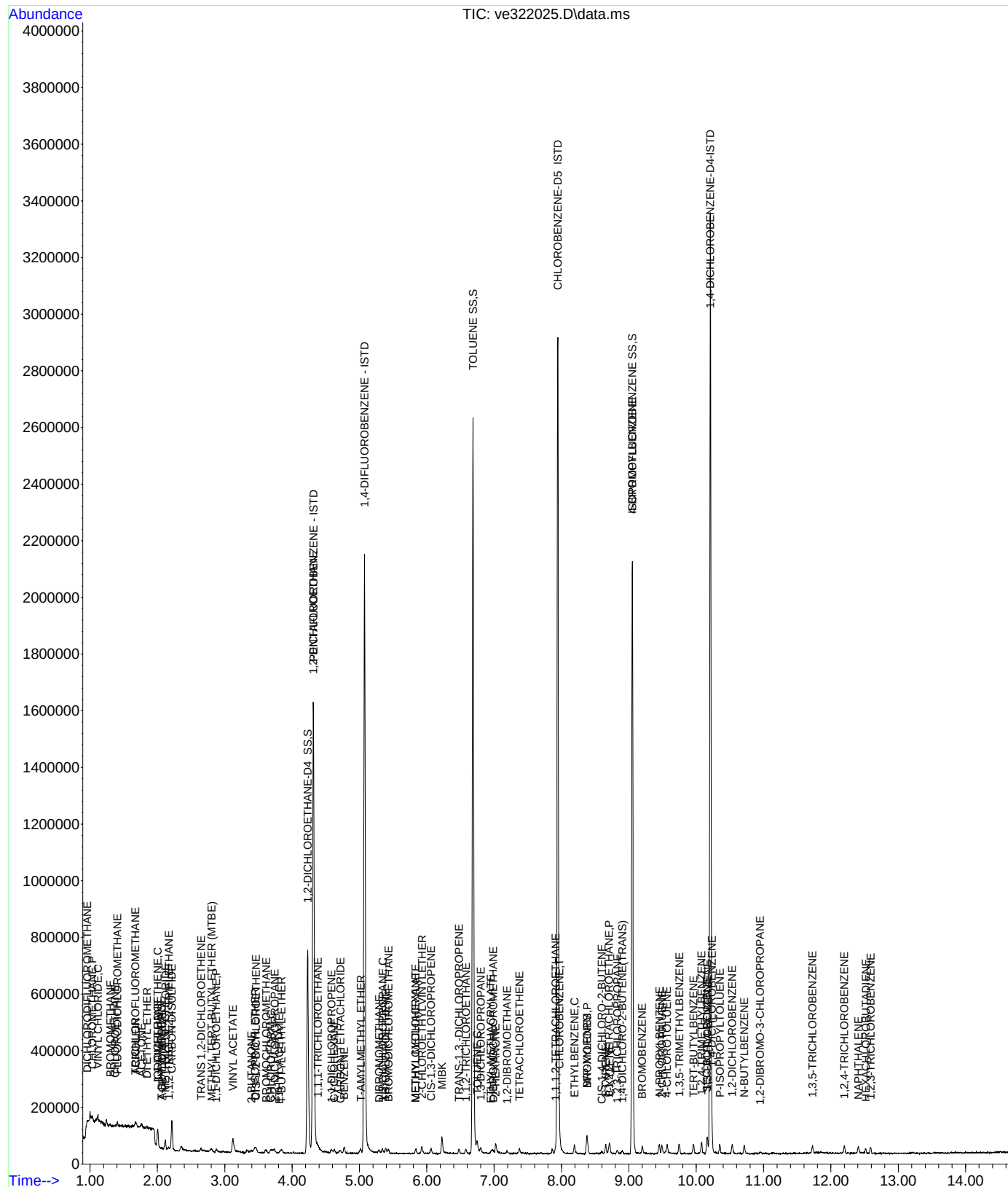
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 1,2-DICHLOROPROPANE	5.346	63	5617m	0.51	UG/L	
54) DIBROMOMETHANE	5.290	93	4127m	0.66	UG/L	
55) 1,4-DIOXANE	0.000		0	N.D.		
56) BROMODICHLOROMETHANE	5.432	83	7685m	0.53	UG/L	
57) 2-CHLOROETHYL VINYLETHER	5.926	63	9034	4.36	UG/L	96
58) MIBK	6.224	43	34281	5.14	UG/L	99
59) CIS-1,3-DICHLOROPROPENE	6.060	75	8142m	0.49	UG/L	
60) TOLUENE	6.749	91	20062m	0.47	UG/L	
61) TRANS-1,3,-DICHLOROPRO...	6.478	75	7086m	0.57	UG/L	
62) ETHYL METHACRYLATE	6.949	69	5974	0.59	UG/L #	67
63) 1,1,2-TRICHLOROETHANE	6.581	97	4953m	0.56	UG/L	
64) 2-HEXANONE	7.022	43	22437	4.86	UG/L	88
65) TETRACHLOROETHENE	7.376	166	4094	0.36	UG/L #	79
66) 1,3-DICHLOROPROPANE	6.799	76	6371m	0.44	UG/L	
67) DIBROMOCHLOROMETHANE	6.986	129	5885	0.52	UG/L	100
68) 1,2-DIBROMOETHANE	7.192	107	4787	0.53	UG/L #	98
71) CHLOROBENZENE	7.970	112	12550	0.44	UG/L	90
72) 1,1,1,2-TETRACHLOROETHANE	7.909	131	5007	0.50	UG/L #	1
73) ETHYLBENZENE	8.193	91	18830	0.41	UG/L	100
74) M/P-XYLENES	8.377	91	30326	0.86	UG/L	100
75) O-XYLENE	8.717	91	14047	0.39	UG/L	94
76) STYRENE	8.656	104	12911	0.46	UG/L	91
77) BROMOFORM	8.377	173	3900	0.51	UG/L #	96
78) ISOPROPYLBENZENE	9.052	105	19689	0.43	UG/L	98
79) CIS-1,4-DICHLORO-2-BUTENE	8.597	53	2602m	0.97	UG/L	
80) 1,1,2,2-TETRACHLOROETHANE	8.703	83	6181	0.57	UG/L #	89
81) 1,4-DICHLORO-2-BUTENE(...	8.901	53	1940	0.76	UG/L #	83
82) BROMOBENZENE	9.197	77	7958	0.47	UG/L	93
83) 1,2,3-TRICHLOROPROPANE	8.829	75	4343	0.57	UG/L #	85
84) N-PROPYLBENZENE	9.454	91	22279	0.41	UG/L	98
85) 2-CHLOROTOLUENE	9.493	91	13981	0.45	UG/L	95
86) 1,3,5-TRIMETHYLBENZENE	9.749	105	16041	0.44	UG/L	99
87) 4-CHLOROTOLUENE	9.568	91	14852	0.46	UG/L	99
89) TERT-BUTYLBENZENE	9.961	119	13335	0.42	UG/L	93
90) 1,2,4-TRIMETHYLBENZENE	10.078	105	16271	0.46	UG/L	95
91) SEC-BUTYLBENZENE	10.156	105	19371	0.39	UG/L	97
92) 1,3-DICHLOROBENZENE	10.167	146	10769	0.47	UG/L	94
93) P-ISOPROPYLTOLUENE	10.352	119	15750	0.43	UG/L	96
94) 1,4-DICHLOROBENZENE	10.234	146	10443	0.47	UG/L #	31
95) N-BUTYLBENZENE	10.714	91	14539	0.39	UG/L	96
96) 1,2-DICHLOROBENZENE	10.533	146	10726	0.52	UG/L	94
97) 1,2-DIBROMO-3-CHLOROPR...	10.948	75	1618m	1.13	UG/L	
98) 1,3,5-TRICHLOROBENZENE	11.726	180	5985	0.41	UG/L	100
99) 1,2,4-TRICHLOROBENZENE	12.198	180	5844	0.50	UG/L	100
100) HEXACHLOROBUTADIENE	12.518	225	2426	0.37	UG/L	96
101) NAPHTHALENE	12.407	128	14749	0.69	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.591	180	5399	0.62	UG/L	88

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

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Inst : GCMSV0A5

Quant Time: Nov 18 10:45:18 2012
Quant Method : C:\msdchem\1\METHODS\E110512W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Nov 06 06:46:52 2012
Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322026.D
 Acq On : 17 Nov 2012 11:13 am
 Operator :
 Sample : 8260STD 1.0PPB
 Misc : 1
 ALS Vial : 26 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 10:54:39 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.311	168	993333	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.072	114	1474153	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.942	82	722465	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.209	152	733974	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.228	65	428035	27.09	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	108.36%	
48) TOLUENE SS	6.682	98	1430318	24.72	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	98.88%	
70) 4-BROMOFLUOROBENZENE SS	9.049	95	530994	25.17	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	100.68%	
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	0.956	85	16583	1.60	UG/L	98
4) DIFLUOROCHLOROMETHANE	0.000		0	N.D.		
5) CHLOROMETHANE	1.035	50	20900	1.88	UG/L	94
6) VINYL CHLORIDE	1.115	62	15970	1.24	UG/L #	77
7) BROMOMETHANE	1.297	94	7136	0.81	UG/L	99
8) CHLOROETHANE	1.369	64	7829	1.23	UG/L	91
9) Ethanol	1.838	45	5534	No Calib	#	
10) FLUORODICHLOROMETHANE	1.405	67	23372	1.20	UG/L #	86
11) TRICHLOROFLUOROMETHANE	1.673	101	22884	1.60	UG/L	96
12) DI ETHYL ETHER	1.840	59	8680	1.16	UG/L #	92
13) ACROLEIN	1.679	56	7115	6.08	UG/L	91
14) ACETONE	1.757	43	22024	10.84	UG/L #	83
15) 1,1-DICHLOROETHENE	1.999	61	15889	1.07	UG/L	96
16) 1,1,2-TRICL-1,2,2-TRIF...	2.170	101	10650	1.15	UG/L	93
17) IODOMETHANE	2.005	142	123687	9.50	UG/L	98
18) ALLYL CHLORIDE	2.167	41	546	No Calib	#	
19) METHYL ACETATE	2.192	43	6283	No Calib	#	
20) T-BUTYL ALCOHOL	2.066	59	3867m	8.23	UG/L	
21) ACRYLONITRILE	2.069	53	2238	0.68	UG/L	82
22) METHYLENE CHLORIDE	2.114	49	21031	1.49	UG/L #	85
23) CARBON DISULFIDE	2.214	76	336781	10.21	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.791	73	21435	1.12	UG/L #	68
25) TRANS 1,2-DICHLOROETHENE	2.644	61	15701	1.08	UG/L	92
26) 1,1-DICHLOROETHANE	2.878	63	18785	1.03	UG/L #	91
27) PROPIONITRILE	0.000		0	N.D.		
28) VINYL ACETATE	3.115	43	150836	8.61	UG/L	97
29) CHLOROPRENE	3.642	53	569	No Calib	#	
30) DI ISOPROYL ETHER	3.441	45	25274	0.92	UG/L #	84
31) 2-BUTANONE	3.383	43	21332	7.12	UG/L #	88
32) METHACRYLONITRILE	3.740	41	9031	No Calib	#	
33) T-BUTYL ETHYL ETHER	3.834	59	25819	1.15	UG/L #	90
34) CIS-1,2-DICHLOROETHENE	3.461	61	15063	1.02	UG/L #	84
35) 2,2-DICHLOROPROPANE	3.737	77	15485	1.28	UG/L #	90
36) ETHYL ACETATE	3.790	43	5317m	0.80	UG/L	
37) BROMOCHLOROMETHANE	3.606	49	8632	1.01	UG/L #	80
38) TETRAHYDROFURAN	4.010	42	1820m	0.91	UG/L	
39) CHLOROFORM	3.678	83	19095	1.03	UG/L	87
40) ISOBUTANOL	4.018	43	587	No Calib	#	
41) 1,1,1-TRICHLOROETHANE	4.378	97	18236	1.27	UG/L	95
42) CYCLOHEXANE	4.626	56	16706	1.04	UG/L #	70
43) CARBON TETRACHLORIDE	4.716	117	16530	1.20	UG/L	93
44) 1,1-DICHLOROPROPENE	4.584	75	15163	1.08	UG/L	99
45) BENZENE	4.769	78	42894	1.00	UG/L	100
46) T-AMYL METHYL ETHER	5.011	73	23845	1.23	UG/L #	84
49) 1,2-DICHLOROETHANE	4.308	62	17606	1.52	UG/L #	1
50) METHYL METHACRYLATE	5.825	41	7126	1.24	UG/L #	79
51) TRICHLOROETHENE	5.388	95	12267m	1.14	UG/L	
52) METHYLCYCLOHEXANE	5.834	83	17074	1.14	UG/L #	85

Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322026.D
 Acq On : 17 Nov 2012 11:13 am
 Operator :
 Sample : 8260STD 1.0PPB
 Misc : 1
 ALS Vial : 26 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 10:54:39 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 1,2-DICHLOROPROPANE	5.337	63	11556	1.04	UG/L	# 95
54) DIBROMOMETHANE	5.284	93	7493	1.18	UG/L	81
55) 1,4-DIOXANE	0.000		0	N.D.		
56) BROMODICHLOROMETHANE	5.424	83	16288	1.12	UG/L	93
57) 2-CHLOROETHYL VINYLETHER	5.920	63	21990	10.51	UG/L	98
58) MIBK	6.221	43	67971	10.11	UG/L	95
59) CIS-1,3-DICHLOROPROPENE	6.057	75	17872	1.07	UG/L	97
60) TOLUENE	6.743	91	47889	1.10	UG/L	100
61) TRANS-1,3,-DICHLOROPRO...	6.475	75	14695	1.17	UG/L	90
62) ETHYL METHACRYLATE	6.955	69	11175	1.10	UG/L	90
63) 1,1,2-TRICHLOROETHANE	6.578	97	9886	1.10	UG/L	96
64) 2-HEXANONE	7.019	43	44954	9.66	UG/L	91
65) TETRACHLOROETHENE	7.373	166	13005	1.14	UG/L	95
66) 1,3-DICHLOROPROPANE	6.793	76	14584	1.00	UG/L	98
67) DIBROMOCHLOROMETHANE	6.983	129	11860	1.03	UG/L	99
68) 1,2-DIBROMOETHANE	7.192	107	9849	1.08	UG/L	# 92
71) CHLOROBENZENE	7.967	112	31399	1.07	UG/L	98
72) 1,1,1,2-TETRACHLOROETHANE	7.909	131	9996	0.98	UG/L	# 1
73) ETHYLBENZENE	8.187	91	52739	1.14	UG/L	98
74) M/P-XYLENES	8.374	91	84283	2.36	UG/L	97
75) O-XYLENE	8.714	91	43615	1.19	UG/L	96
76) STYRENE	8.653	104	32396	1.12	UG/L	100
77) BROMOFORM	8.371	173	7279	0.94	UG/L	# 98
78) ISOPROPYLBENZENE	9.052	105	57651	1.22	UG/L	98
79) CIS-1,4-DICHLORO-2-BUTENE	8.592	53	3965m	1.45	UG/L	
80) 1,1,2,2-TETRACHLOROETHANE	8.700	83	11210	1.02	UG/L	# 96
81) 1,4-DICHLORO-2-BUTENE(...	8.899	53	4244m	1.64	UG/L	
82) BROMOBENZENE	9.194	77	19057	1.09	UG/L	88
83) 1,2,3-TRICHLOROPROPANE	8.823	75	7601	0.98	UG/L	# 64
84) N-PROPYLBENZENE	9.448	91	62869	1.14	UG/L	100
85) 2-CHLOROTOLUENE	9.487	91	34339	1.09	UG/L	100
86) 1,3,5-TRIMETHYLBENZENE	9.743	105	43016	1.16	UG/L	100
87) 4-CHLOROTOLUENE	9.568	91	38903	1.18	UG/L	95
89) TERT-BUTYLBENZENE	9.958	119	39307	1.23	UG/L	91
90) 1,2,4-TRIMETHYLBENZENE	10.078	105	43711	1.23	UG/L	97
91) SEC-BUTYLBENZENE	10.156	105	59087	1.19	UG/L	97
92) 1,3-DICHLOROBENZENE	10.165	146	25508	1.12	UG/L	96
93) P-ISOPROPYLTOLUENE	10.349	119	44197	1.21	UG/L	96
94) 1,4-DICHLOROBENZENE	10.231	146	25121	1.13	UG/L	93
95) N-BUTYLBENZENE	10.708	91	44156	1.19	UG/L	98
96) 1,2-DICHLOROBENZENE	10.533	146	24274	1.17	UG/L	98
97) 1,2-DIBROMO-3-CHLOROPR...	10.948	75	1990	1.39	UG/L	81
98) 1,3,5-TRICHLOROBENZENE	11.723	180	15448	1.06	UG/L	94
99) 1,2,4-TRICHLOROBENZENE	12.197	180	12840	1.10	UG/L	94
100) HEXACHLOROBUTADIENE	12.515	225	6854	1.03	UG/L	# 77
101) NAPHTHALENE	12.407	128	26918	1.26	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.585	180	9535	1.09	UG/L	97

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

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Inst : GCMSV0A5

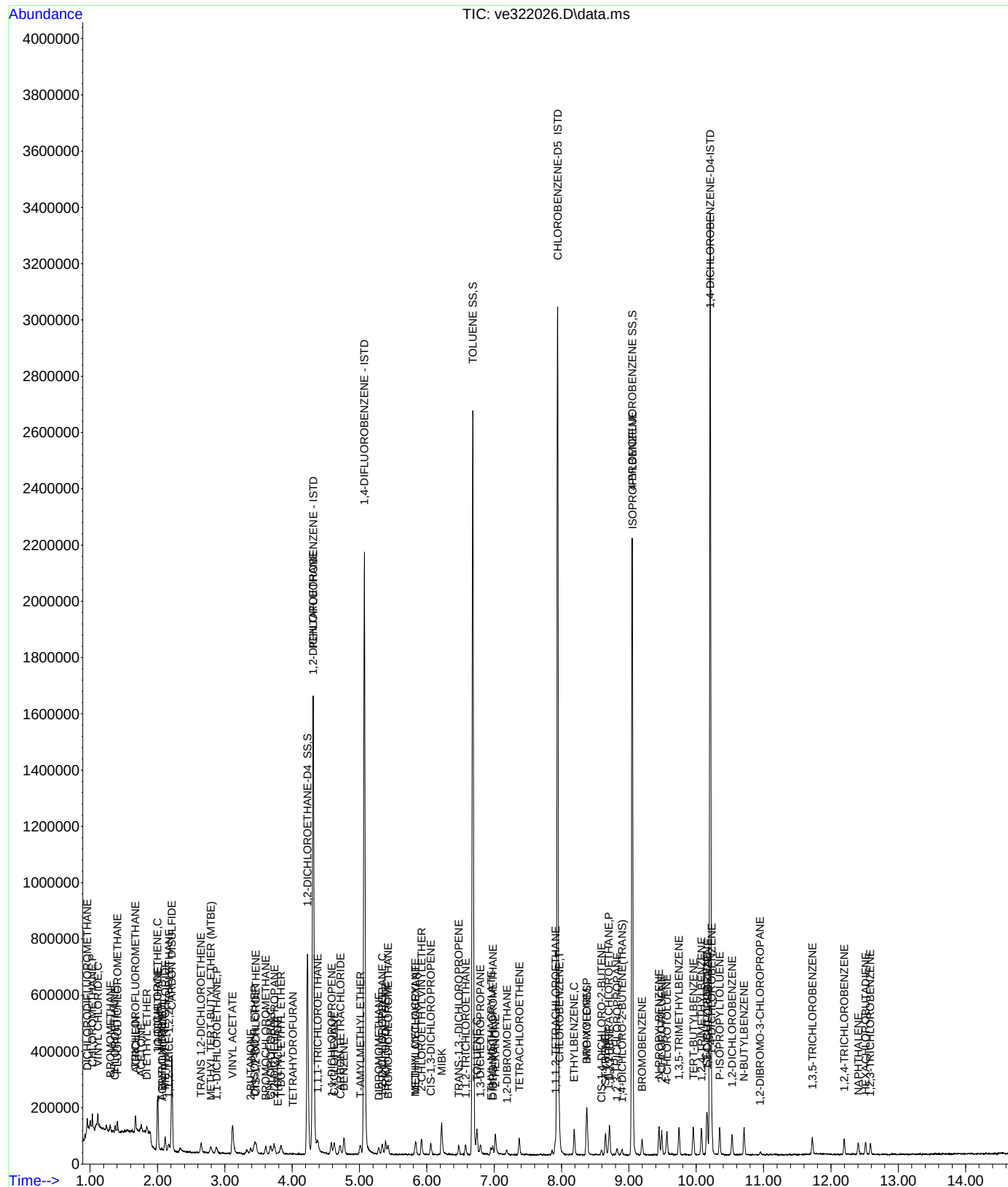
Quant Time: Nov 18 10:54:39 2012

Quant Method : C:\msdchem\1\METHODS\E110512W.m

Quant Title : 8260 WATER 5MLS VOAMS 5973 #5

QLast Update : Tue Nov 06 06:46:52 2012

Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322027.D
 Acq On : 17 Nov 2012 11:39 am
 Operator :
 Sample : 8260STD 2.0PPB
 Misc : 1
 ALS Vial : 27 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 10:55:53 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.314	168	998165	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.072	114	1451407	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.945	82	707557	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.209	152	725563	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.230	65	420260	26.46	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	105.84%	
48) TOLUENE SS	6.684	98	1402373	24.62	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	98.48%	
70) 4-BROMOFLUOROBENZENE SS	9.052	95	516851	25.02	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	100.08%	
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	0.954	85	31147	2.98	UG/L	100
4) DIFLUOROCHLOROMETHANE	0.000		0	N.D.		
5) CHLOROMETHANE	1.032	50	36576	3.28	UG/L	99
6) VINYL CHLORIDE	1.113	62	28395	2.19	UG/L #	88
7) BROMOMETHANE	1.294	94	10880	1.22	UG/L	95
8) CHLOROETHANE	1.366	64	12471	1.95	UG/L #	87
9) Ethanol	1.840	45	11711	No Calib	#	
10) FLUORODICHLOROMETHANE	1.403	67	40803	2.08	UG/L	90
11) TRICHLOROFLUOROMETHANE	1.673	101	42853	2.98	UG/L	98
12) DI ETHYL ETHER	1.840	59	14896	1.98	UG/L #	87
13) ACROLEIN	1.676	56	14491	12.32	UG/L	94
14) ACETONE	1.760	43	36945	18.09	UG/L	90
15) 1,1-DICHLOROETHENE	1.994	61	37335	2.49	UG/L	97
16) 1,1,2-TRICL-1,2,2-TRIF...	2.167	101	19344	2.08	UG/L	100
17) IODOMETHANE	2.002	142	250432	16.10	UG/L	97
18) ALLYL CHLORIDE	2.197	41	698	No Calib	#	
19) METHYL ACETATE	2.189	43	14569	No Calib	#	
20) T-BUTYL ALCOHOL	2.055	59	8647m	18.32	UG/L	
21) ACRYLONITRILE	2.064	53	4182	1.26	UG/L	90
22) METHYLENE CHLORIDE	2.114	49	29838	2.11	UG/L #	81
23) CARBON DISULFIDE	2.211	76	634871	19.15	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.797	73	42393	2.20	UG/L #	87
25) TRANS 1,2-DICHLOROETHENE	2.646	61	28472	1.95	UG/L #	89
26) 1,1-DICHLOROETHANE	2.872	63	36122	1.98	UG/L	93
27) PROPIONITRILE	3.226	54	666	No Calib	#	
28) VINYL ACETATE	3.118	43	287747	15.96	UG/L	97
29) CHLOROPRENE	4.102	53	600	No Calib	#	
30) DI ISOPROYL ETHER	3.441	45	46077	1.67	UG/L #	81
31) 2-BUTANONE	3.388	43	40805	13.55	UG/L #	84
32) METHACRYLONITRILE	3.737	41	16839	No Calib	#	
33) T-BUTYL ETHYL ETHER	3.837	59	49889	2.21	UG/L #	92
34) CIS-1,2-DICHLOROETHENE	3.461	61	29363	1.97	UG/L	92
35) 2,2-DICHLOROPROPANE	3.734	77	30297	2.50	UG/L #	90
36) ETHYL ACETATE	3.792	43	8135	1.22	UG/L #	88
37) BROMOCHLOROMETHANE	3.603	49	16241	1.90	UG/L #	85
38) TETRAHYDROFURAN	4.024	42	3730m	1.86	UG/L	
39) CHLOROFORM	3.681	83	35665	1.91	UG/L	98
40) ISOBUTANOL	3.968	43	730	No Calib	#	
41) 1,1,1-TRICHLOROETHANE	4.381	97	33198	2.30	UG/L #	88
42) CYCLOHEXANE	4.623	56	31770	1.96	UG/L #	82
43) CARBON TETRACHLORIDE	4.710	117	28830	2.08	UG/L	98
44) 1,1-DICHLOROPROPENE	4.582	75	29631	2.10	UG/L	93
45) BENZENE	4.771	78	81370	1.88	UG/L	100
46) T-AMYL METHYL ETHER	5.014	73	44041	2.26	UG/L #	91
49) 1,2-DICHLOROETHANE	4.306	62	31023	2.72	UG/L #	1
50) METHYL METHACRYLATE	5.831	41	16056	2.84	UG/L #	65
51) TRICHLOROETHENE	5.390	95	23449	2.22	UG/L	96
52) METHYLCYCLOHEXANE	5.834	83	32770	2.22	UG/L	89

Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322027.D
 Acq On : 17 Nov 2012 11:39 am
 Operator :
 Sample : 8260STD 2.0PPB
 Misc : 1
 ALS Vial : 27 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 10:55:53 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 1,2-DICHLOROPROPANE	5.337	63	19893	1.83	UG/L #	93
54) DIBROMOMETHANE	5.287	93	12083	1.93	UG/L	91
55) 1,4-DIOXANE	5.605	88	858m	13.15	UG/L	
56) BROMODICHLOROMETHANE	5.427	83	28620	1.99	UG/L #	92
57) 2-CHLOROETHYL VINYLETHER	5.923	63	40889	19.85	UG/L	90
58) MIBK	6.221	43	137480	20.76	UG/L	96
59) CIS-1,3-DICHLOROPROPENE	6.062	75	31918	1.95	UG/L	99
60) TOLUENE	6.748	91	86978	2.04	UG/L	99
61) TRANS-1,3,-DICHLOROPRO...	6.475	75	27348	2.21	UG/L	94
62) ETHYL METHACRYLATE	6.952	69	22076	2.21	UG/L #	83
63) 1,1,2-TRICHLOROETHANE	6.576	97	17501	1.99	UG/L	95
64) 2-HEXANONE	7.019	43	89807	19.60	UG/L	96
65) TETRACHLOROETHENE	7.373	166	24825	2.20	UG/L	95
66) 1,3-DICHLOROPROPANE	6.796	76	28308	1.96	UG/L	96
67) DIBROMOCHLOROMETHANE	6.985	129	22649	2.00	UG/L	97
68) 1,2-DIBROMOETHANE	7.189	107	18751	2.09	UG/L #	97
71) CHLOROBENZENE	7.970	112	60316	2.11	UG/L	98
72) 1,1,1,2-TETRACHLOROETHANE	7.911	131	19676	1.98	UG/L #	1
73) ETHYLBENZENE	8.190	91	102043	2.24	UG/L	95
74) M/P-XYLENES	8.380	91	158323	4.52	UG/L	98
75) O-XYLENE	8.714	91	80509	2.24	UG/L	99
76) STYRENE	8.656	104	60317	2.14	UG/L	99
77) BROMOFORM	8.377	173	14363	1.89	UG/L #	98
78) ISOPROPYLBENZENE	9.052	105	106797	2.31	UG/L	96
79) CIS-1,4-DICHLORO-2-BUTENE	8.597	53	6100	2.28	UG/L #	77
80) 1,1,2,2-TETRACHLOROETHANE	8.700	83	22377	2.07	UG/L	98
81) 1,4-DICHLORO-2-BUTENE(...	8.898	53	7082	2.79	UG/L	96
82) BROMOBENZENE	9.197	77	35248	2.07	UG/L	95
83) 1,2,3-TRICHLOROPROPANE	8.826	75	16401	2.15	UG/L #	61
84) N-PROPYLBENZENE	9.451	91	125163	2.32	UG/L	95
85) 2-CHLOROTOLUENE	9.490	91	66092	2.14	UG/L	98
86) 1,3,5-TRIMETHYLBENZENE	9.746	105	84488	2.34	UG/L	98
87) 4-CHLOROTOLUENE	9.568	91	71349	2.22	UG/L	95
89) TERT-BUTYLBENZENE	9.958	119	74342	2.35	UG/L	94
90) 1,2,4-TRIMETHYLBENZENE	10.078	105	83942	2.38	UG/L	98
91) SEC-BUTYLBENZENE	10.159	105	114563	2.33	UG/L	95
92) 1,3-DICHLOROBENZENE	10.170	146	48085	2.14	UG/L	96
93) P-ISOPROPYLTOLUENE	10.351	119	85316	2.36	UG/L	95
94) 1,4-DICHLOROBENZENE	10.234	146	46127	2.09	UG/L #	82
95) N-BUTYLBENZENE	10.714	91	85820	2.34	UG/L	95
96) 1,2-DICHLOROBENZENE	10.533	146	44415	2.16	UG/L	95
97) 1,2-DIBROMO-3-CHLOROPR...	10.951	75	3725	2.63	UG/L #	73
98) 1,3,5-TRICHLOROBENZENE	11.726	180	30873	2.14	UG/L	94
99) 1,2,4-TRICHLOROBENZENE	12.200	180	24524	2.12	UG/L	95
100) HEXACHLOROBUTADIENE	12.518	225	14060	2.14	UG/L	100
101) NAPHTHALENE	12.409	128	51684	2.46	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.588	180	18712	2.17	UG/L	97

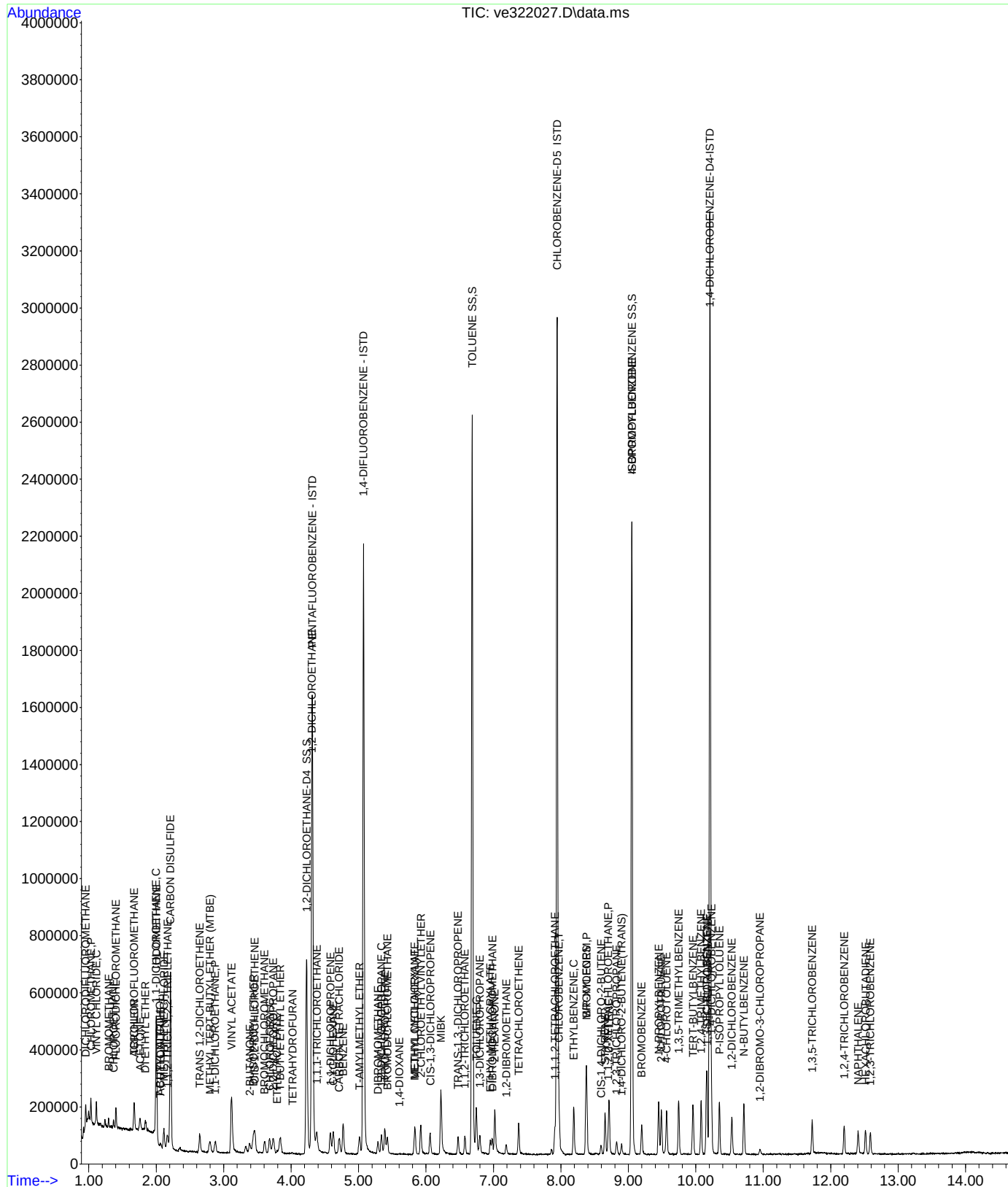
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : ve322027.D
Acq On : 17 Nov 2012 11:39 am
Operator :
Sample : 8260STD 2.0PPB
Misc : 1
ALS Vial : 27 Sample Multiplier: 1

567

Inst : GCMSVOA5

Quant Time: Nov 18 10:55:53 2012
Quant Method : C:\msdchem\1\METHODS\E110512W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Nov 06 06:46:52 2012
Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322028.D
 Acq On : 17 Nov 2012 12:05 pm
 Operator :
 Sample : 8260STD 5.0PPB
 Misc : 1
 ALS Vial : 28 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 10:57:24 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.311	168	996668	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.072	114	1461299	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.939	82	711145	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.206	152	734762	30.00	UG/L	0.00

System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	SS	4.228	65	433538	27.34	UG/L 0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.36%
48) TOLUENE SS		6.682	98	1441384	25.13	UG/L 0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.52%
70) 4-BROMOFLUOROBENZENE SS		9.046	95	526775	25.37	UG/L 0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.48%

Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE		0.956	85	72615	6.96	UG/L 98
4) DIFLUOROCHLOROMETHANE		0.000		0	N.D.	
5) CHLOROMETHANE		1.032	50	79881	7.16	UG/L 98
6) VINYL CHLORIDE		1.115	62	69043	5.33	UG/L 94
7) BROMOMETHANE		1.294	94	25033	2.82	UG/L 93
8) CHLOROETHANE		1.372	64	27778	4.34	UG/L # 81
9) Ethanol		1.840	45	27341	No Calib	#
10) FLUORODICHLOROMETHANE		1.403	67	104906	5.35	UG/L 93
11) TRICHLOROFLUOROMETHANE		1.673	101	98998	6.89	UG/L 99
12) DI ETHYL ETHER		1.840	59	35945	4.78	UG/L # 89
13) ACROLEIN		1.676	56	33437	28.47	UG/L 92
14) ACETONE		1.760	43	102084	50.05	UG/L # 87
15) 1,1-DICHLOROETHENE		1.999	61	74630	4.99	UG/L 97
16) 1,1,2-TRICL-1,2,2-TRIF...		2.167	101	44765	4.82	UG/L 96
17) IODOMETHANE		2.002	142	605247	34.72	UG/L 98
18) ALLYL CHLORIDE		2.220	41	546	No Calib	#
19) METHYL ACETATE		2.186	43	35468	No Calib	#
20) T-BUTYL ALCOHOL		2.061	59	21574m	45.78	UG/L
21) ACRYLONITRILE		2.066	53	11714	3.53	UG/L 99
22) METHYLENE CHLORIDE		2.114	49	68662	4.85	UG/L # 78
23) CARBON DISULFIDE		2.211	76	1486902	44.91	UG/L 100
24) METHYL TERT-BUTYL ETHE...		2.794	73	107587	5.59	UG/L # 85
25) TRANS 1,2-DICHLOROETHENE		2.646	61	68121	4.67	UG/L 92
26) 1,1-DICHLOROETHANE		2.878	63	82259	4.51	UG/L 95
27) PROPIONITRILE		0.000		0	N.D.	
28) VINYL ACETATE		3.112	43	787396	42.96	UG/L 97
29) CHLOROPRENE		0.000		0	N.D.	
30) DI ISOPROYL ETHER		3.441	45	117359	4.27	UG/L # 85
31) 2-BUTANONE		3.374	43	115254	38.32	UG/L # 85
32) METHACRYLONITRILE		3.737	41	37721	No Calib	#
33) T-BUTYL ETHYL ETHER		3.837	59	126856	5.62	UG/L # 91
34) CIS-1,2-DICHLOROETHENE		3.461	61	68338	4.59	UG/L 89
35) 2,2-DICHLOROPROPANE		3.734	77	73149	6.04	UG/L 98
36) ETHYL ACETATE		3.784	43	25819	3.88	UG/L # 92
37) BROMOCHLOROMETHANE		3.608	49	40002	4.68	UG/L # 82
38) TETRAHYDROFURAN		4.002	42	10218m	5.10	UG/L
39) CHLOROFORM		3.678	83	88173	4.73	UG/L 97
40) ISOBUTANOL		3.991	43	727	No Calib	#
41) 1,1,1-TRICHLOROETHANE		4.378	97	79771	5.54	UG/L 92
42) CYCLOHEXANE		4.624	56	73086	4.51	UG/L # 78
43) CARBON TETRACHLORIDE		4.713	117	71913	5.19	UG/L 95
44) 1,1-DICHLOROPROPENE		4.579	75	67861	4.81	UG/L 96
45) BENZENE		4.771	78	189216	4.39	UG/L 100
46) T-AMYL METHYL ETHER		5.008	73	112733	5.80	UG/L # 92
49) 1,2-DICHLOROETHANE		4.303	62	67274	5.85	UG/L # 26
50) METHYL METHACRYLATE		5.834	41	33027	5.80	UG/L # 70
51) TRICHLOROETHENE		5.388	95	51952	4.88	UG/L 98
52) METHYLCYCLOHEXANE		5.834	83	76205	5.13	UG/L # 85

Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322028.D
 Acq On : 17 Nov 2012 12:05 pm
 Operator :
 Sample : 8260STD 5.0PPB
 Misc : 1
 ALS Vial : 28 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 10:57:24 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 1,2-DICHLOROPROPANE	5.337	63	48338	4.41	UG/L	# 92
54) DIBROMOMETHANE	5.284	93	33132	5.26	UG/L	87
55) 1,4-DIOXANE	5.602	88	4970m	75.66	UG/L	
56) BROMODICHLOROMETHANE	5.424	83	73437	5.08	UG/L	98
57) 2-CHLOROETHYL VINYLETHER	5.917	63	104687	50.49	UG/L	93
58) MIBK	6.219	43	354988	53.25	UG/L	97
59) CIS-1,3-DICHLOROPROPENE	6.057	75	84045	5.10	UG/L	97
60) TOLUENE	6.743	91	208795	4.86	UG/L	100
61) TRANS-1,3,-DICHLOROPRO...	6.472	75	69568	5.58	UG/L	98
62) ETHYL METHACRYLATE	6.952	69	53876	5.36	UG/L	89
63) 1,1,2-TRICHLOROETHANE	6.573	97	44371	5.00	UG/L	98
64) 2-HEXANONE	7.016	43	252315	54.71	UG/L	91
65) TETRACHLOROETHENE	7.370	166	58050	5.12	UG/L	95
66) 1,3-DICHLOROPROPANE	6.796	76	71084	4.90	UG/L	99
67) DIBROMOCHLOROMETHANE	6.977	129	55996	4.92	UG/L	100
68) 1,2-DIBROMOETHANE	7.186	107	46868	5.18	UG/L	# 99
71) CHLOROBENZENE	7.967	112	147187	5.11	UG/L	94
72) 1,1,1,2-TETRACHLOROETHANE	7.906	131	50421	5.04	UG/L	91
73) ETHYLBENZENE	8.187	91	239888	5.25	UG/L	96
74) M/P-XYLENES	8.374	91	385361	10.95	UG/L	98
75) O-XYLENE	8.712	91	194056	5.38	UG/L	96
76) STYRENE	8.650	104	149084	5.26	UG/L	98
77) BROMOFORM	8.371	173	35541	4.65	UG/L	# 97
78) ISOPROPYLBENZENE	9.052	105	249745	5.38	UG/L	97
79) CIS-1,4-DICHLORO-2-BUTENE	8.592	53	15372	5.72	UG/L	# 76
80) 1,1,2,2-TETRACHLOROETHANE	8.698	83	56916	5.25	UG/L	99
81) 1,4-DICHLORO-2-BUTENE(...	8.896	53	16025	6.28	UG/L	87
82) BROMOBENZENE	9.194	77	84884	4.95	UG/L	95
83) 1,2,3-TRICHLOROPROPANE	8.826	75	40862	5.33	UG/L	95
84) N-PROPYLBENZENE	9.445	91	286258	5.29	UG/L	97
85) 2-CHLOROTOLUENE	9.484	91	164512	5.30	UG/L	98
86) 1,3,5-TRIMETHYLBENZENE	9.743	105	207637	5.71	UG/L	96
87) 4-CHLOROTOLUENE	9.562	91	167024	5.16	UG/L	96
89) TERT-BUTYLBENZENE	9.955	119	177129	5.54	UG/L	94
90) 1,2,4-TRIMETHYLBENZENE	10.075	105	202197	5.67	UG/L	97
91) SEC-BUTYLBENZENE	10.153	105	270998	5.45	UG/L	97
92) 1,3-DICHLOROBENZENE	10.165	146	119790	5.27	UG/L	97
93) P-ISOPROPYLTOLUENE	10.346	119	208091	5.69	UG/L	98
94) 1,4-DICHLOROBENZENE	10.229	146	114501	5.13	UG/L	# 94
95) N-BUTYLBENZENE	10.708	91	212204	5.72	UG/L	95
96) 1,2-DICHLOROBENZENE	10.533	146	110647	5.32	UG/L	98
97) 1,2-DIBROMO-3-CHLOROPR...	10.951	75	9034	6.29	UG/L	81
98) 1,3,5-TRICHLOROBENZENE	11.723	180	74704	5.11	UG/L	96
99) 1,2,4-TRICHLOROBENZENE	12.197	180	60969	5.22	UG/L	100
100) HEXACHLOROBUTADIENE	12.515	225	31121	4.68	UG/L	96
101) NAPHTHALENE	12.401	128	134025	6.29	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.585	180	49709	5.70	UG/L	95

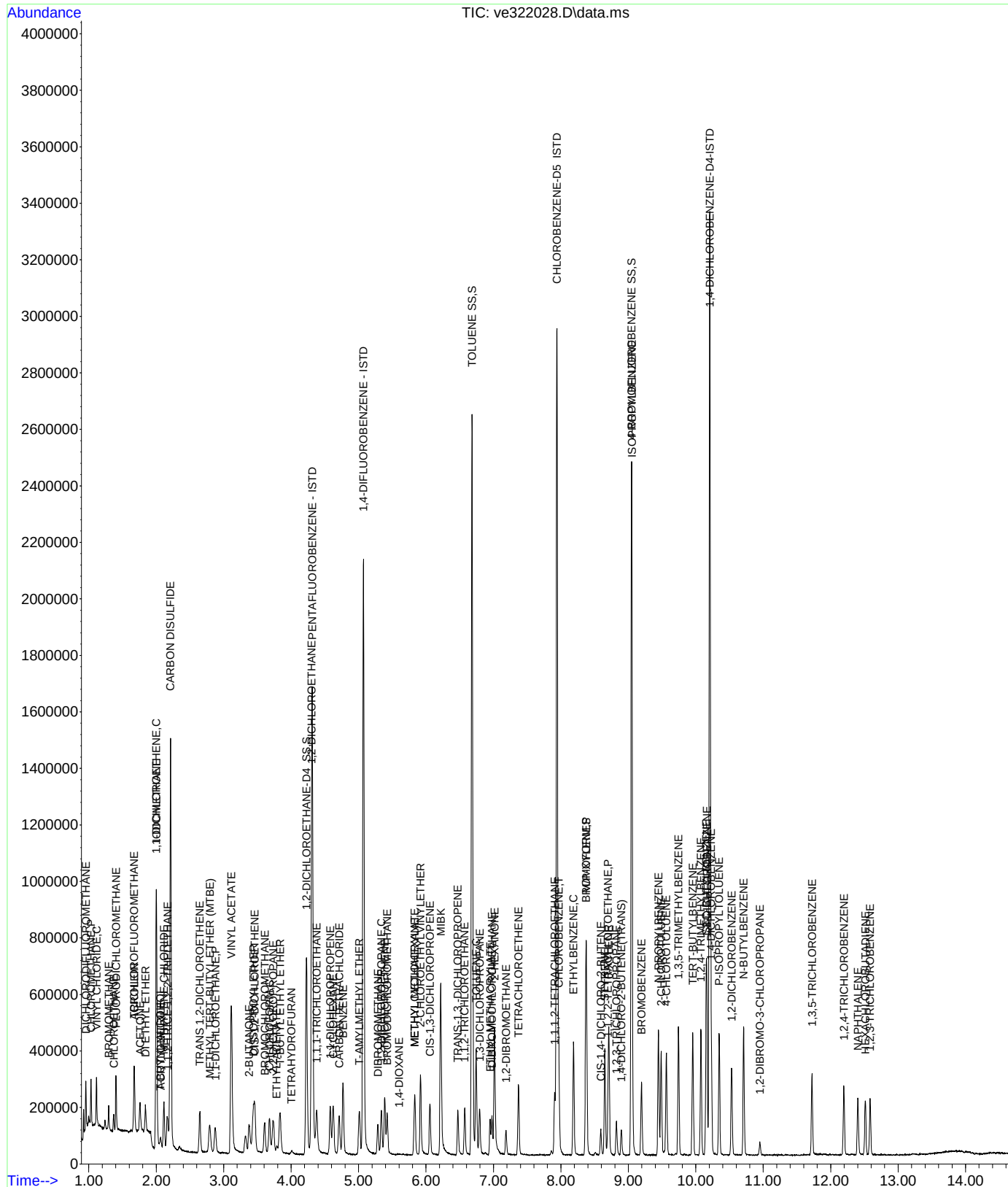
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Acq On : 17 Nov 2012 12:05 pm
Operator :
Sample : 8260STD 5.0PPB
Misc : 1
ALS Vial : 28 Sample Multiplier: 1
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Inst : GCMSV0A5

570

Quant Time: Nov 18 10:57:24 2012
Quant Method : C:\msdchem\1\METHODS\E110512W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
Qlast Update : Tue Nov 06 06:46:52 2012
Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322029.D
 Acq On : 17 Nov 2012 12:31 pm
 Operator :
 Sample : 8260STD 10PPB
 Misc : 1
 ALS Vial : 29 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 10:58:34 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.314	168	990636	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.075	114	1450457	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.942	82	708757	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.212	152	734780	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.230	65	421956	26.77	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	107.08%	
48) TOLUENE SS	6.684	98	1429538	25.11	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	100.44%	
70) 4-BROMOFLUOROBENZENE SS	9.049	95	520713	25.16	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	100.64%	
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	0.956	85	143013	13.80	UG/L	99
4) DIFLUOROCHLOROMETHANE	0.000		0	N.D.		
5) CHLOROMETHANE	1.035	50	157210	14.18	UG/L	100
6) VINYL CHLORIDE	1.115	62	143342	11.13	UG/L	94
7) BROMOMETHANE	1.297	94	51986	5.89	UG/L	94
8) CHLOROETHANE	1.372	64	62799	9.87	UG/L #	87
9) Ethanol	1.840	45	48768	No Calib	#	
10) FLUORODICHLOROMETHANE	1.405	67	218981	11.24	UG/L	94
11) TRICHLOROFLUOROMETHANE	1.673	101	204470	14.32	UG/L	98
12) DI ETHYL ETHER	1.843	59	68714	9.20	UG/L #	87
13) ACROLEIN	1.679	56	66294	56.79	UG/L	97
14) ACETONE	1.760	43	185290	91.40	UG/L	89
15) 1,1-DICHLOROETHENE	1.999	61	152042	10.24	UG/L	98
16) 1,1,2-TRICL-1,2,2-TRIF...	2.167	101	91357	9.91	UG/L	97
17) IODOMETHANE	2.005	142	1480169	81.06	UG/L	98
18) ALLYL CHLORIDE	2.248	41	671	No Calib	#	
19) METHYL ACETATE	2.189	43	67777	No Calib	#	
20) T-BUTYL ALCOHOL	2.061	59	34759	74.20	UG/L #	76
21) ACRYLONITRILE	2.069	53	21133	6.41	UG/L	98
22) METHYLENE CHLORIDE	2.116	49	132661	9.44	UG/L #	76
23) CARBON DISULFIDE	2.214	76	3101919	94.26	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.791	73	198316	10.37	UG/L #	88
25) TRANS 1,2-DICHLOROETHENE	2.646	61	140663	9.71	UG/L	92
26) 1,1-DICHLOROETHANE	2.878	63	172781	9.53	UG/L	95
27) PROPIONITRILE	0.000		0	N.D.		
28) VINYL ACETATE	3.115	43	1428163	78.04	UG/L	97
29) CHLOROPRENE	3.837	53	1202	No Calib	#	
30) DI ISOPROYL ETHER	3.441	45	235744	8.63	UG/L #	88
31) 2-BUTANONE	3.377	43	211496	70.75	UG/L #	88
32) METHACRYLONITRILE	3.737	41	81063	No Calib	#	
33) T-BUTYL ETHYL ETHER	3.837	59	235423	10.48	UG/L #	91
34) CIS-1,2-DICHLOROETHENE	3.466	61	142445	9.63	UG/L	89
35) 2,2-DICHLOROPROPANE	3.737	77	147424	12.24	UG/L	98
36) ETHYL ACETATE	3.784	43	49218	7.44	UG/L	96
37) BROMOCHLOROMETHANE	3.608	49	80537	9.48	UG/L #	84
38) TETRAHYDROFURAN	4.007	42	15694m	7.88	UG/L	
39) CHLOROFORM	3.678	83	184033	9.92	UG/L	97
40) ISOBUTANOL	4.010	43	2402	No Calib	#	
41) 1,1,1-TRICHLOROETHANE	4.381	97	166228	11.62	UG/L	96
42) CYCLOHEXANE	4.626	56	148171	9.20	UG/L #	75
43) CARBON TETRACHLORIDE	4.713	117	146499	10.65	UG/L	94
44) 1,1-DICHLOROPROPENE	4.582	75	142072	10.13	UG/L	97
45) BENZENE	4.771	78	392984	9.17	UG/L	100
46) T-AMYL METHYL ETHER	5.014	73	211422	10.95	UG/L #	92
49) 1,2-DICHLOROETHANE	4.306	62	129735	11.37	UG/L #	80
50) METHYL METHACRYLATE	5.837	41	67067	11.87	UG/L #	70
51) TRICHLOROETHENE	5.390	95	109103	10.33	UG/L	97
52) METHYLCYCLOHEXANE	5.837	83	157834	10.71	UG/L #	86

Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322029.D
 Acq On : 17 Nov 2012 12:31 pm
 Operator :
 Sample : 8260STD 10PPB
 Misc : 1
 ALS Vial : 29 Sample Multiplier: 1

Inst : GCMSVOA5

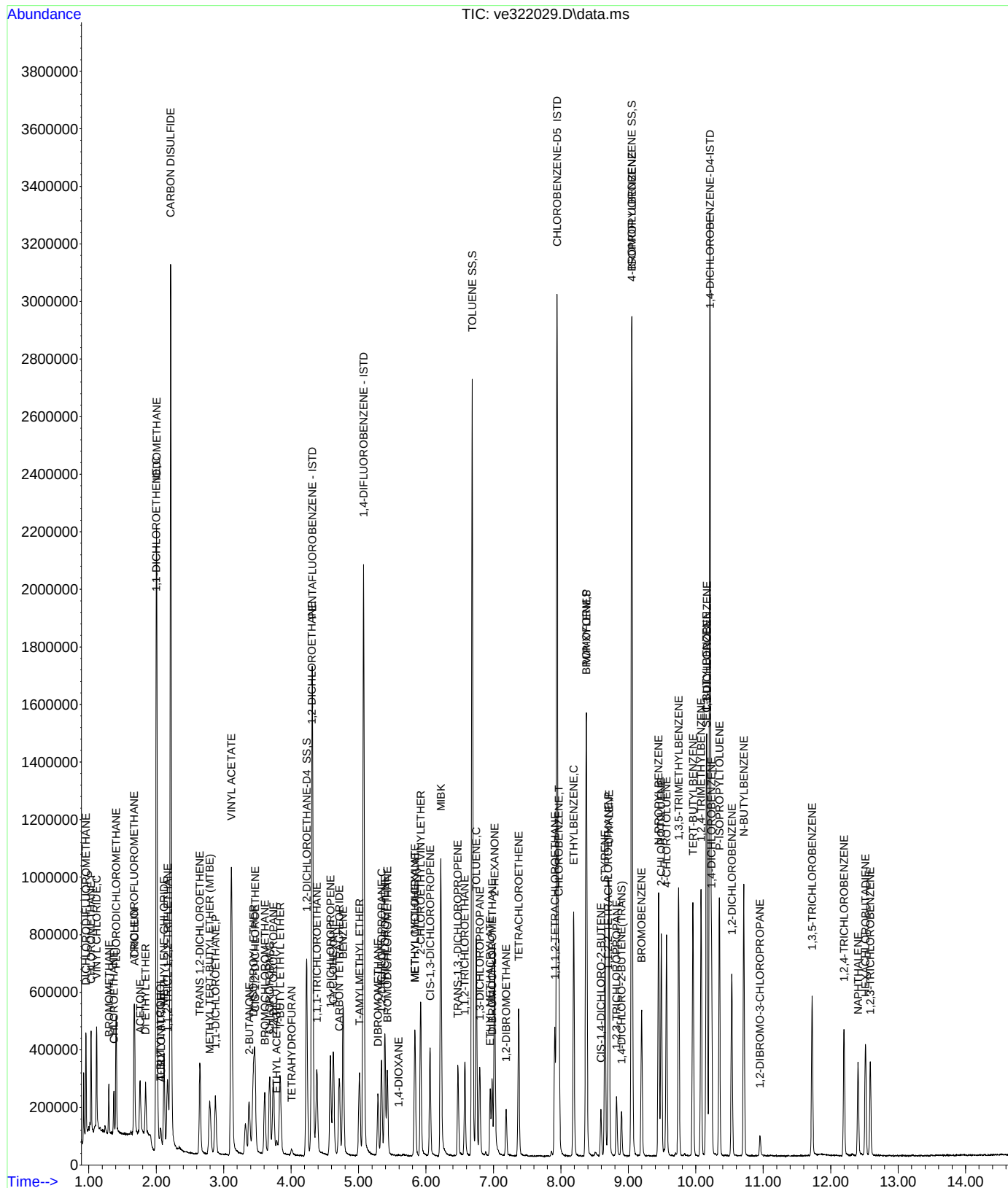
Quant Time: Nov 18 10:58:34 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 1,2-DICHLOROPROPANE	5.340	63	100188	9.20	UG/L	# 93
54) DIBROMOMETHANE	5.287	93	61918	9.91	UG/L	89
55) 1,4-DIOXANE	5.591	88	6705m	102.83	UG/L	
56) BROMODICHLOROMETHANE	5.427	83	146995	10.24	UG/L	97
57) 2-CHLOROETHYL VINYLETHER	5.920	63	193445	93.99	UG/L	93
58) MIBK	6.219	43	592302	89.52	UG/L	96
59) CIS-1,3-DICHLOROPROPENE	6.060	75	164608	10.05	UG/L	97
60) TOLUENE	6.746	91	433574	10.16	UG/L	100
61) TRANS-1,3,-DICHLOROPRO...	6.472	75	133705	10.80	UG/L	95
62) ETHYL METHACRYLATE	6.949	69	93437	9.37	UG/L	89
63) 1,1,2-TRICHLOROETHANE	6.576	97	83321	9.46	UG/L	99
64) 2-HEXANONE	7.016	43	400098	87.40	UG/L	92
65) TETRACHLOROETHENE	7.373	166	122101	10.85	UG/L	96
66) 1,3-DICHLOROPROPANE	6.796	76	134811	9.36	UG/L	99
67) DIBROMOCHLOROMETHANE	6.983	129	110020	9.73	UG/L	98
68) 1,2-DIBROMOETHANE	7.186	107	88469	9.86	UG/L	97
71) CHLOROBENZENE	7.970	112	297268	10.36	UG/L	97
72) 1,1,1,2-TETRACHLOROETHANE	7.908	131	102743	10.31	UG/L	96
73) ETHYLBENZENE	8.190	91	503019	11.04	UG/L	95
74) M/P-XYLENES	8.377	91	790273	22.54	UG/L	97
75) O-XYLENE	8.714	91	406493	11.30	UG/L	95
76) STYRENE	8.653	104	303532	10.74	UG/L	98
77) BROMOFORM	8.374	173	66167	8.68	UG/L	# 99
78) ISOPROPYLBENZENE	9.052	105	518998	11.22	UG/L	96
79) CIS-1,4-DICHLORO-2-BUTENE	8.592	53	26315	9.82	UG/L	# 77
80) 1,1,2,2-TETRACHLOROETHANE	8.700	83	95425	8.83	UG/L	100
81) 1,4-DICHLORO-2-BUTENE(...	8.898	53	24523	9.65	UG/L	# 78
82) BROMOBENZENE	9.197	77	172569	10.10	UG/L	94
83) 1,2,3-TRICHLOROPROPANE	8.826	75	69402	9.08	UG/L	94
84) N-PROPYLBENZENE	9.448	91	606084	11.23	UG/L	96
85) 2-CHLOROTOLUENE	9.490	91	333362	10.77	UG/L	99
86) 1,3,5-TRIMETHYLBENZENE	9.746	105	419021	11.56	UG/L	97
87) 4-CHLOROTOLUENE	9.565	91	352811	10.94	UG/L	95
89) TERT-BUTYLBENZENE	9.958	119	364958	11.41	UG/L	95
90) 1,2,4-TRIMETHYLBENZENE	10.078	105	416404	11.68	UG/L	97
91) SEC-BUTYLBENZENE	10.156	105	572226	11.51	UG/L	96
92) 1,3-DICHLOROBENZENE	10.165	146	244231	10.74	UG/L	97
93) P-ISOPROPYLTOLUENE	10.351	119	432719	11.84	UG/L	99
94) 1,4-DICHLOROBENZENE	10.234	146	235516	10.55	UG/L	97
95) N-BUTYLBENZENE	10.711	91	428589	11.54	UG/L	96
96) 1,2-DICHLOROBENZENE	10.535	146	218913	10.53	UG/L	97
97) 1,2-DIBROMO-3-CHLOROPR...	10.951	75	13541	9.43	UG/L	87
98) 1,3,5-TRICHLOROBENZENE	11.723	180	145914	9.97	UG/L	96
99) 1,2,4-TRICHLOROBENZENE	12.197	180	115405	9.87	UG/L	95
100) HEXACHLOROBUTADIENE	12.515	225	64407	9.69	UG/L	97
101) NAPHTHALENE	12.404	128	211682	9.93	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.588	180	83035	9.52	UG/L	96

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

Quant Time: Nov 18 10:58:34 2012
Quant Method : C:\msdchem\1\METHODS\E110512W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
Qlast Update : Tue Nov 06 06:46:52 2012
Response via : Initial Calibration

Inst : GCMSV0A5



Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322030.D
 Acq On : 17 Nov 2012 12:57 pm
 Operator :
 Sample : 8260STD 20PPB
 Misc : 1
 ALS Vial : 30 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 10:59:27 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.314	168	1018731	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.075	114	1465235	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.942	82	720815	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.209	152	769942	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.230	65	442853	27.32	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	109.28%	
48) TOLUENE SS	6.684	98	1442141	25.08	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	100.32%	
70) 4-BROMOFLUOROBENZENE SS	9.049	95	533980	25.37	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	101.48%	
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	0.957	85	273424	25.65	UG/L	99
4) DIFLUOROCHLOROMETHANE	0.000		0	N.D.		
5) CHLOROMETHANE	1.032	50	242589	21.28	UG/L	98
6) VINYL CHLORIDE	1.113	62	234756	17.73	UG/L	93
7) BROMOMETHANE	1.294	94	97651	10.75	UG/L	95
8) CHLOROETHANE	1.369	64	104238	15.94	UG/L #	83
9) Ethanol	1.843	45	101990	No Calib	#	
10) FLUORODICHLOROMETHANE	1.405	67	405938	20.26	UG/L	93
11) TRICHLOROFLUOROMETHANE	1.673	101	386087	26.29	UG/L	99
12) DI ETHYL ETHER	1.843	59	139519	18.16	UG/L #	88
13) ACROLEIN	1.679	56	146271	121.84	UG/L	98
14) ACETONE	1.762	43	411183	197.25	UG/L	91
15) 1,1-DICHLOROETHENE	1.999	61	289239	18.94	UG/L	99
16) 1,1,2-TRICL-1,2,2-TRIF...	2.167	101	175849	18.54	UG/L	98
17) IODOMETHANE	2.005	142	2987254	156.21	UG/L	99
18) ALLYL CHLORIDE	2.189	41	2840	No Calib	#	
19) METHYL ACETATE	2.192	43	155570	No Calib	#	
20) T-BUTYL ALCOHOL	2.064	59	100936	209.54	UG/L #	94
21) ACRYLONITRILE	2.066	53	46162	13.62	UG/L	99
22) METHYLENE CHLORIDE	2.117	49	241996	16.74	UG/L #	78
23) CARBON DISULFIDE	2.214	76	5716147	168.92	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.797	73	420167	21.36	UG/L #	88
25) TRANS 1,2-DICHLOROETHENE	2.649	61	262064	17.59	UG/L	89
26) 1,1-DICHLOROETHANE	2.875	63	326336	17.50	UG/L	96
27) PROPIONITRILE	3.137	54	629	No Calib	#	
28) VINYL ACETATE	3.118	43	3282106	173.85	UG/L	97
29) CHLOROPRENE	3.843	53	2933	No Calib	#	
30) DI ISOPROYL ETHER	3.441	45	474123	16.87	UG/L #	87
31) 2-BUTANONE	3.377	43	512911	166.84	UG/L #	88
32) METHACRYLONITRILE	3.737	41	146567	No Calib	#	
33) T-BUTYL ETHYL ETHER	3.840	59	489359	21.19	UG/L #	91
34) CIS-1,2-DICHLOROETHENE	3.463	61	271268	17.83	UG/L	89
35) 2,2-DICHLOROPROPANE	3.740	77	275408	22.24	UG/L	98
36) ETHYL ACETATE	3.790	43	120508	17.73	UG/L #	95
37) BROMOCHLOROMETHANE	3.608	49	152866	17.49	UG/L #	81
38) TETRAHYDROFURAN	4.004	42	28508	13.92	UG/L #	71
39) CHLOROFORM	3.681	83	353575	18.54	UG/L	99
40) ISOBUTANOL	4.010	43	6995	No Calib	#	
41) 1,1,1-TRICHLOROETHANE	4.381	97	312749	21.25	UG/L	97
42) CYCLOHEXANE	4.626	56	275893	16.67	UG/L #	72
43) CARBON TETRACHLORIDE	4.713	117	278854	19.71	UG/L	95
44) 1,1-DICHLOROPROPENE	4.582	75	270182	18.74	UG/L	97
45) BENZENE	4.771	78	747382	16.96	UG/L	100
46) T-AMYL METHYL ETHER	5.014	73	458055	23.06	UG/L #	92
49) 1,2-DICHLOROETHANE	4.306	62	253193	21.97	UG/L	92
50) METHYL METHACRYLATE	5.834	41	126932	22.23	UG/L #	71
51) TRICHLOROETHENE	5.388	95	209893	19.67	UG/L	97
52) METHYLCYCLOHEXANE	5.837	83	300408	20.19	UG/L #	86

Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322030.D
 Acq On : 17 Nov 2012 12:57 pm
 Operator :
 Sample : 8260STD 20PPB
 Misc : 1
 ALS Vial : 30 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 10:59:27 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

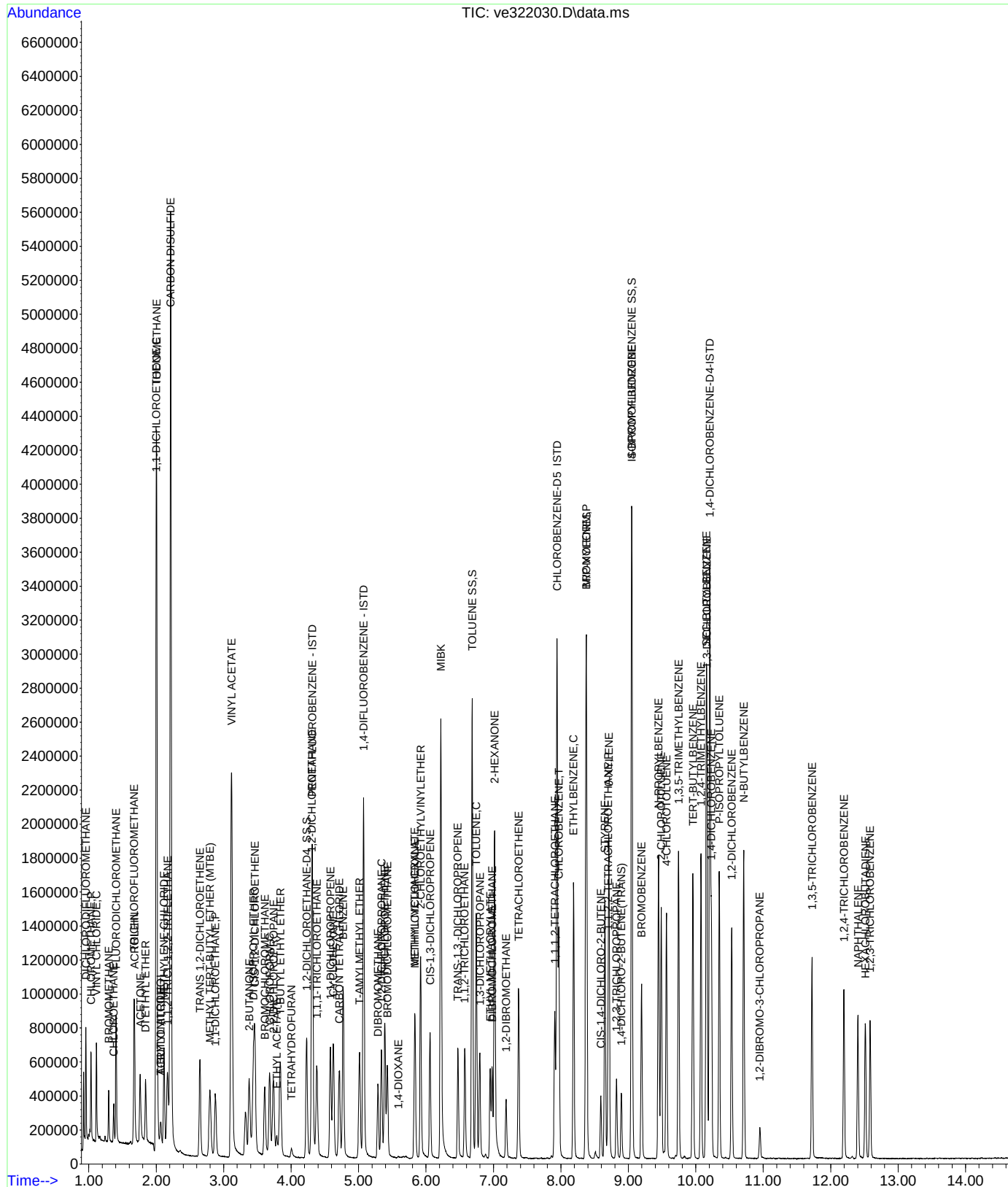
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 1,2-DICHLOROPROPANE	5.340	63	191023	17.37	UG/L	# 94
54) DIBROMOMETHANE	5.287	93	129481	20.51	UG/L	88
55) 1,4-DIOXANE	5.588	88	15943m	242.05	UG/L	
56) BROMODICHLOROMETHANE	5.427	83	288505	19.90	UG/L	97
57) 2-CHLOROETHYL VINYLETHER	5.920	63	428391	206.05	UG/L	94
58) MIBK	6.219	43	1524572	228.09	UG/L	96
59) CIS-1,3-DICHLOROPROPENE	6.060	75	328927	19.89	UG/L	97
60) TOLUENE	6.746	91	835529	19.38	UG/L	99
61) TRANS-1,3,-DICHLOROPRO...	6.472	75	274882	21.97	UG/L	94
62) ETHYL METHACRYLATE	6.952	69	214421	21.29	UG/L	90
63) 1,1,2-TRICHLOROETHANE	6.573	97	170460	19.16	UG/L	99
64) 2-HEXANONE	7.016	43	1058729	228.93	UG/L	93
65) TETRACHLOROETHENE	7.373	166	239460	21.07	UG/L	97
66) 1,3-DICHLOROPROPANE	6.799	76	282640	19.43	UG/L	100
67) DIBROMOCHLOROMETHANE	6.983	129	229408	20.09	UG/L	99
68) 1,2-DIBROMOETHANE	7.186	107	189026	20.85	UG/L	99
71) CHLOROBENZENE	7.970	112	574931	19.71	UG/L	99
72) 1,1,1,2-TETRACHLOROETHANE	7.909	131	202075	19.94	UG/L	98
73) ETHYLBENZENE	8.187	91	949679	20.50	UG/L	95
74) M/P-XYLENES	8.377	91	1545529	43.35	UG/L	97
75) O-XYLENE	8.712	91	770972	21.08	UG/L	95
76) STYRENE	8.653	104	592309	20.61	UG/L	99
77) BROMOFORM	8.374	173	153762	19.84	UG/L	# 98
78) ISOPROPYLBENZENE	9.052	105	982411	20.88	UG/L	96
79) CIS-1,4-DICHLORO-2-BUTENE	8.592	53	62166	22.82	UG/L	# 74
80) 1,1,2,2-TETRACHLOROETHANE	8.701	83	223153	20.30	UG/L	98
81) 1,4-DICHLORO-2-BUTENE(...	8.896	53	59549	23.04	UG/L	# 80
82) BROMOBENZENE	9.194	77	342955	19.73	UG/L	94
83) 1,2,3-TRICHLOROPROPANE	8.826	75	165397	21.29	UG/L	92
84) N-PROPYLBENZENE	9.448	91	1176808	21.44	UG/L	96
85) 2-CHLOROTOLUENE	9.487	91	643772	20.44	UG/L	100
86) 1,3,5-TRIMETHYLBENZENE	9.746	105	820808	22.27	UG/L	98
87) 4-CHLOROTOLUENE	9.565	91	673627	20.55	UG/L	97
89) TERT-BUTYLBENZENE	9.958	119	704131	21.01	UG/L	95
90) 1,2,4-TRIMETHYLBENZENE	10.078	105	804346	21.53	UG/L	98
91) SEC-BUTYLBENZENE	10.156	105	1108155	21.27	UG/L	97
92) 1,3-DICHLOROBENZENE	10.165	146	487785	20.47	UG/L	95
93) P-ISOPROPYLTOLUENE	10.349	119	828614	21.64	UG/L	98
94) 1,4-DICHLOROBENZENE	10.232	146	467946	20.01	UG/L	99
95) N-BUTYLBENZENE	10.711	91	842155	21.65	UG/L	97
96) 1,2-DICHLOROBENZENE	10.533	146	455710	20.92	UG/L	98
97) 1,2-DIBROMO-3-CHLOROPR...	10.948	75	34726	23.07	UG/L	89
98) 1,3,5-TRICHLOROBENZENE	11.723	180	310956	20.28	UG/L	96
99) 1,2,4-TRICHLOROBENZENE	12.198	180	264475	21.59	UG/L	96
100) HEXACHLOROBUTADIENE	12.515	225	132350	19.00	UG/L	98
101) NAPHTHALENE	12.404	128	560377	25.09	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.585	180	212722	23.28	UG/L	95

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

576

Inst : GCMSV0A5

Quant Time: Nov 18 10:59:27 2012
Quant Method : C:\msdchem\1\METHODS\E110512W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Tue Nov 06 06:46:52 2012
Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322031.D
 Acq On : 17 Nov 2012 1:24 pm
 Operator :
 Sample : 8260STD 50PPB
 Misc : 1
 ALS Vial : 31 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 11:00:28 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.314	168	1037966	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.073	114	1477955	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.942	82	736080	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.209	152	783988	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.228	65	405788	24.57	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	98.28%	
48) TOLUENE SS	6.685	98	1455525	25.09	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	100.36%	
70) 4-BROMOFLUOROBENZENE SS	9.049	95	552964	25.73	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	102.92%	
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	0.957	85	669011	61.61	UG/L	99
4) DIFLUOROCHLOROMETHANE	0.000		0	N.D.		
5) CHLOROMETHANE	1.035	50	525733	45.27	UG/L	98
6) VINYL CHLORIDE	1.116	62	655517	48.59	UG/L	96
7) BROMOMETHANE	1.297	94	265378	28.67	UG/L	97
8) CHLOROETHANE	1.369	64	262674	39.42	UG/L #	85
9) Ethanol	1.841	45	251004	No Calib	#	
10) FLUORODICHLOROMETHANE	1.406	67	1107251	54.23	UG/L	93
11) TRICHLOROFLUOROMETHANE	1.673	101	997519	66.66	UG/L	99
12) DI ETHYL ETHER	1.841	59	345088	44.10	UG/L #	87
13) ACROLEIN	1.676	56	341344	279.06	UG/L	99
14) ACETONE	1.757	43	904170	425.69	UG/L	91
15) 1,1-DICHLOROETHENE	2.000	61	747329	48.02	UG/L	99
16) 1,1,2-TRICL-1,2,2-TRIF...	2.164	101	450053	46.57	UG/L	98
17) IODOMETHANE	2.005	142	8203859	415.97	UG/L	98
18) ALLYL CHLORIDE	2.186	41	6276	No Calib	#	
19) METHYL ACETATE	2.186	43	341679	No Calib	#	
20) T-BUTYL ALCOHOL	2.058	59	191338	389.85	UG/L #	96
21) ACRYLONITRILE	2.067	53	108719	31.48	UG/L	93
22) METHYLENE CHLORIDE	2.114	49	597912	40.59	UG/L #	77
23) CARBON DISULFIDE	2.214	76	11173470	324.07	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.792	73	1053038	52.55	UG/L #	87
25) TRANS 1,2-DICHLOROETHENE	2.647	61	658592	43.38	UG/L	92
26) 1,1-DICHLOROETHANE	2.875	63	879041	46.27	UG/L	96
27) PROPIONITRILE	3.366	54	2578	No Calib	#	
28) VINYL ACETATE	3.115	43	7840084	407.00	UG/L	97
29) CHLOROPRENE	3.837	53	8132	No Calib	#	
30) DI ISOPROYL ETHER	3.436	45	1271073	44.39	UG/L #	87
31) 2-BUTANONE	3.369	43	1135881	362.64	UG/L #	89
32) METHACRYLONITRILE	3.734	41	395388	No Calib	#	
33) T-BUTYL ETHYL ETHER	3.835	59	1253874	53.29	UG/L #	91
34) CIS-1,2-DICHLOROETHENE	3.461	61	710991	45.88	UG/L	88
35) 2,2-DICHLOROPROPANE	3.737	77	748630	59.34	UG/L	99
36) ETHYL ACETATE	3.779	43	272517	39.34	UG/L	96
37) BROMOCHLOROMETHANE	3.609	49	389768	43.77	UG/L #	79
38) TETRAHYDROFURAN	3.999	42	68352	32.75	UG/L #	81
39) CHLOROFORM	3.681	83	945048	48.63	UG/L	99
40) ISOBUTANOL	4.002	43	17231	No Calib	#	
41) 1,1,1-TRICHLOROETHANE	4.381	97	828088	55.23	UG/L	97
42) CYCLOHEXANE	4.627	56	659872	39.12	UG/L #	76
43) CARBON TETRACHLORIDE	4.713	117	721085	50.02	UG/L	96
44) 1,1-DICHLOROPROPENE	4.582	75	672708	45.78	UG/L	96
45) BENZENE	4.769	78	1999434	44.53	UG/L	100
46) T-AMYL METHYL ETHER	5.011	73	1127726	55.72	UG/L #	92
49) 1,2-DICHLOROETHANE	4.303	62	637457	54.85	UG/L #	74
50) METHYL METHACRYLATE	5.834	41	300583	52.19	UG/L #	70
51) TRICHLOROETHENE	5.388	95	535326	49.74	UG/L	96
52) METHYLCYCLOHEXANE	5.834	83	708556	47.21	UG/L #	85

Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322031.D
 Acq On : 17 Nov 2012 1:24 pm
 Operator :
 Sample : 8260STD 50PPB
 Misc : 1
 ALS Vial : 31 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 11:00:28 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 1,2-DICHLOROPROPANE	5.338	63	517378	46.64	UG/L	# 94
54) DIBROMOMETHANE	5.285	93	317972	49.94	UG/L	89
55) 1,4-DIOXANE	5.589	88	31880m	479.84	UG/L	
56) BROMODICHLOROMETHANE	5.427	83	774236	52.94	UG/L	96
57) 2-CHLOROETHYL VINYLETHER	5.920	63	990342	472.24	UG/L	96
58) MIBK	6.219	43	3125654	463.59	UG/L	96
59) CIS-1,3-DICHLOROPROPENE	6.057	75	857207	51.38	UG/L	96
60) TOLUENE	6.746	91	2173948	49.99	UG/L	99
61) TRANS-1,3,-DICHLOROPRO...	6.473	75	700659	55.52	UG/L	95
62) ETHYL METHACRYLATE	6.949	69	477314	46.98	UG/L	91
63) 1,1,2-TRICHLOROETHANE	6.576	97	432509	48.20	UG/L	99
64) 2-HEXANONE	7.016	43	2065122	442.70	UG/L	94
65) TETRACHLOROETHENE	7.373	166	615864	53.71	UG/L	97
66) 1,3-DICHLOROPROPANE	6.796	76	690968	47.10	UG/L	100
67) DIBROMOCHLOROMETHANE	6.980	129	591799	51.38	UG/L	98
68) 1,2-DIBROMOETHANE	7.189	107	451010	49.32	UG/L	98
71) CHLOROBENZENE	7.970	112	1555957	52.24	UG/L	99
72) 1,1,1,2-TETRACHLOROETHANE	7.909	131	556861	53.80	UG/L	98
73) ETHYLBENZENE	8.190	91	2564072	54.20	UG/L	95
74) M/P-XYLENES	8.377	91	4155575	114.13	UG/L	97
75) O-XYLENE	8.712	91	2069670	55.41	UG/L	95
76) STYRENE	8.653	104	1599700	54.51	UG/L	98
77) BROMOFORM	8.372	173	384379	48.56	UG/L	# 98
78) ISOPROPYLBENZENE	9.052	105	2714175	56.50	UG/L	97
79) CIS-1,4-DICHLORO-2-BUTENE	8.592	53	136073	48.91	UG/L	# 73
80) 1,1,2,2-TETRACHLOROETHANE	8.701	83	507935	45.26	UG/L	98
81) 1,4-DICHLORO-2-BUTENE(...	8.899	53	133326	50.51	UG/L	# 74
82) BROMOBENZENE	9.197	77	925400	52.13	UG/L	96
83) 1,2,3-TRICHLOROPROPANE	8.826	75	357552	45.06	UG/L	94
84) N-PROPYLBENZENE	9.448	91	3183934	56.81	UG/L	96
85) 2-CHLOROTOLUENE	9.490	91	1752543	54.50	UG/L	98
86) 1,3,5-TRIMETHYLBENZENE	9.746	105	2245429	59.66	UG/L	97
87) 4-CHLOROTOLUENE	9.565	91	1865146	55.71	UG/L	96
89) TERT-BUTYLBENZENE	9.958	119	1945461	57.02	UG/L	95
90) 1,2,4-TRIMETHYLBENZENE	10.078	105	2231133	58.65	UG/L	97
91) SEC-BUTYLBENZENE	10.156	105	3089388	58.25	UG/L	97
92) 1,3-DICHLOROBENZENE	10.168	146	1355791	55.88	UG/L	96
93) P-ISOPROPYLTOLUENE	10.349	119	2302077	59.04	UG/L	98
94) 1,4-DICHLOROBENZENE	10.232	146	1279941	53.74	UG/L	99
95) N-BUTYLBENZENE	10.711	91	2356949	59.49	UG/L	96
96) 1,2-DICHLOROBENZENE	10.533	146	1202483	54.22	UG/L	98
97) 1,2-DIBROMO-3-CHLOROPR...	10.951	75	68715	44.84	UG/L	92
98) 1,3,5-TRICHLOROBENZENE	11.724	180	866467	55.50	UG/L	96
99) 1,2,4-TRICHLOROBENZENE	12.198	180	656543	52.65	UG/L	94
100) HEXACHLOROBUTADIENE	12.518	225	373194	52.63	UG/L	97
101) NAPHTHALENE	12.407	128	1133052	49.81	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.588	180	460611	49.51	UG/L	95

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

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Inst : GCMSV0A5

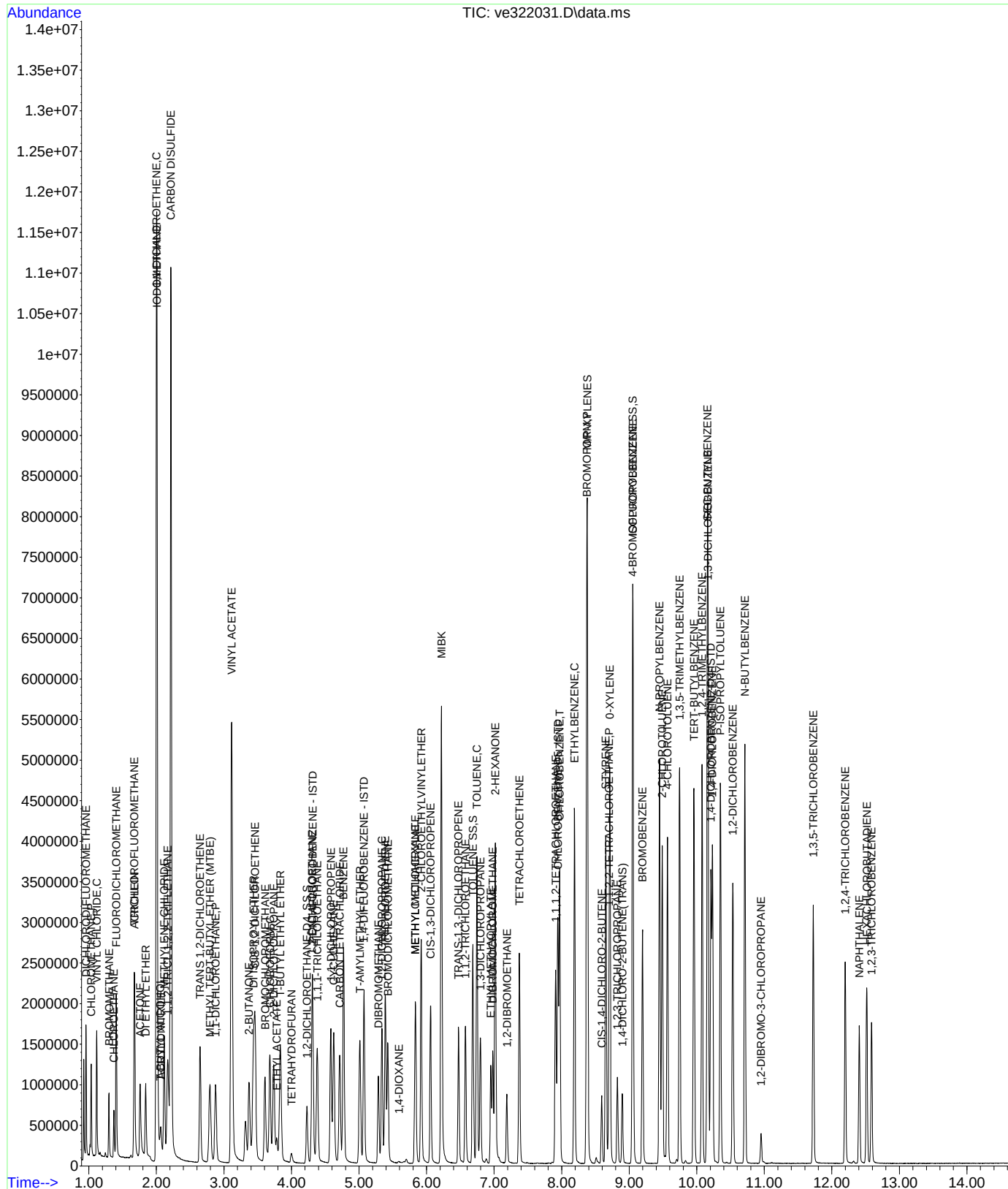
Quant Time: Nov 18 11:00:28 2012

Quant Method : C:\msdchem\1\METHODS\E110512W.m

Quant Title : 8260 WATER 5MLS VOAMS 5973 #5

QLast Update : Tue Nov 06 06:46:52 2012

Response via : Initial Calibration



Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322032.D
 Acq On : 17 Nov 2012 1:50 pm
 Operator :
 Sample : 8260STD 100PPB
 Misc : 1
 ALS Vial : 32 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 11:01:51 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.314	168	1073471	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.075	114	1481660	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.945	82	733611	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.212	152	817762	30.00	UG/L	0.00

System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	SS	4.230	65	415272	24.32	UG/L 0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.28%
48) TOLUENE SS		6.687	98	1435330	24.68	UG/L 0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.72%
70) 4-BROMOFLUOROBENZENE SS		9.052	95	573016	26.75	UG/L 0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.00%

Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE		0.957	85	1385874	123.40	UG/L 98
4) DIFLUOROCHLOROMETHANE		0.000		0	N.D.	
5) CHLOROMETHANE		1.032	50	954637	79.49	UG/L 99
6) VINYL CHLORIDE		1.113	62	1108031	79.42	UG/L 97
7) BROMOMETHANE		1.294	94	557663	58.26	UG/L 94
8) CHLOROETHANE		1.369	64	457939	66.45	UG/L # 86
9) Ethanol		1.841	45	515648	No Calib	#
10) FLUORODICHLOROMETHANE		1.403	67	2128983	100.83	UG/L 93
11) TRICHLOROFLUOROMETHANE		1.670	101	2002829	129.41	UG/L 99
12) DI ETHYL ETHER		1.841	59	707724	87.44	UG/L # 88
13) ACROLEIN		1.679	56	737498	582.98	UG/L 99
14) ACETONE		1.763	43	1999252	910.14	UG/L 91
15) 1,1-DICHLOROETHENE		2.000	61	1604789	99.72	UG/L 99
16) 1,1,2-TRICL-1,2,2-TRIF...		2.164	101	907532	90.80	UG/L 99
17) IODOMETHANE		0.000		0	N.D.	
18) ALLYL CHLORIDE		2.186	41	15948	No Calib	#
19) METHYL ACETATE		2.192	43	796157	No Calib	#
20) T-BUTYL ALCOHOL		2.066	59	536416	1056.79	UG/L # 91
21) ACRYLONITRILE		2.066	53	239022	66.92	UG/L 91
22) METHYLENE CHLORIDE		2.114	49	1106929	72.66	UG/L # 76
23) CARBON DISULFIDE		0.000		0	N.D.	d
24) METHYL TERT-BUTYL ETHE...		2.794	73	2307227	111.33	UG/L # 86
25) TRANS 1,2-DICHLOROETHENE		2.647	61	1313783	83.68	UG/L 91
26) 1,1-DICHLOROETHANE		2.878	63	1718775	87.48	UG/L 96
27) PROPIONITRILE		3.377	54	7661	No Calib	#
28) VINYL ACETATE		3.115	43	17673447	886.60	UG/L 97
29) CHLOROPRENE		3.840	53	16355	No Calib	#
30) DI ISOPROYL ETHER		3.441	45	2587534	87.39	UG/L # 87
31) 2-BUTANONE		3.377	43	2650925	818.33	UG/L # 86
32) METHACRYLONITRILE		3.740	41	798834	No Calib	#
33) T-BUTYL ETHYL ETHER		3.840	59	2678226	110.07	UG/L # 92
34) CIS-1,2-DICHLOROETHENE		3.464	61	1426717	89.02	UG/L 87
35) 2,2-DICHLOROPROPANE		3.740	77	1499764	114.96	UG/L 99
36) ETHYL ACETATE		3.784	43	659780	92.10	UG/L # 95
37) BROMOCHLOROMETHANE		3.609	49	753932	81.86	UG/L # 78
38) TETRAHYDROFURAN		3.999	42	163195	75.60	UG/L # 76
39) CHLOROFORM		3.681	83	1863635	92.73	UG/L 97
40) ISOBUTANOL		4.002	43	35716	No Calib	#
41) 1,1,1-TRICHLOROETHANE		4.381	97	1672352	107.84	UG/L 98
42) CYCLOHEXANE		4.626	56	1326585	76.05	UG/L # 76
43) CARBON TETRACHLORIDE		4.716	117	1483410	99.49	UG/L 96
44) 1,1-DICHLOROPROPENE		4.582	75	1347406	88.67	UG/L 97
45) BENZENE		4.771	78	3887626	83.73	UG/L 100
46) T-AMYL METHYL ETHER		5.014	73	2555892	122.12	UG/L # 90
49) 1,2-DICHLOROETHANE		4.306	62	1293054	110.98	UG/L # 68
50) METHYL METHACRYLATE		5.834	41	609320	105.54	UG/L # 70
51) TRICHLOROETHENE		5.391	95	1068104	99.00	UG/L 97
52) METHYLCYCLOHEXANE		5.837	83	1444738	96.01	UG/L # 85

Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322032.D
 Acq On : 17 Nov 2012 1:50 pm
 Operator :
 Sample : 8260STD 100PPB
 Misc : 1
 ALS Vial : 32 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 11:01:51 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

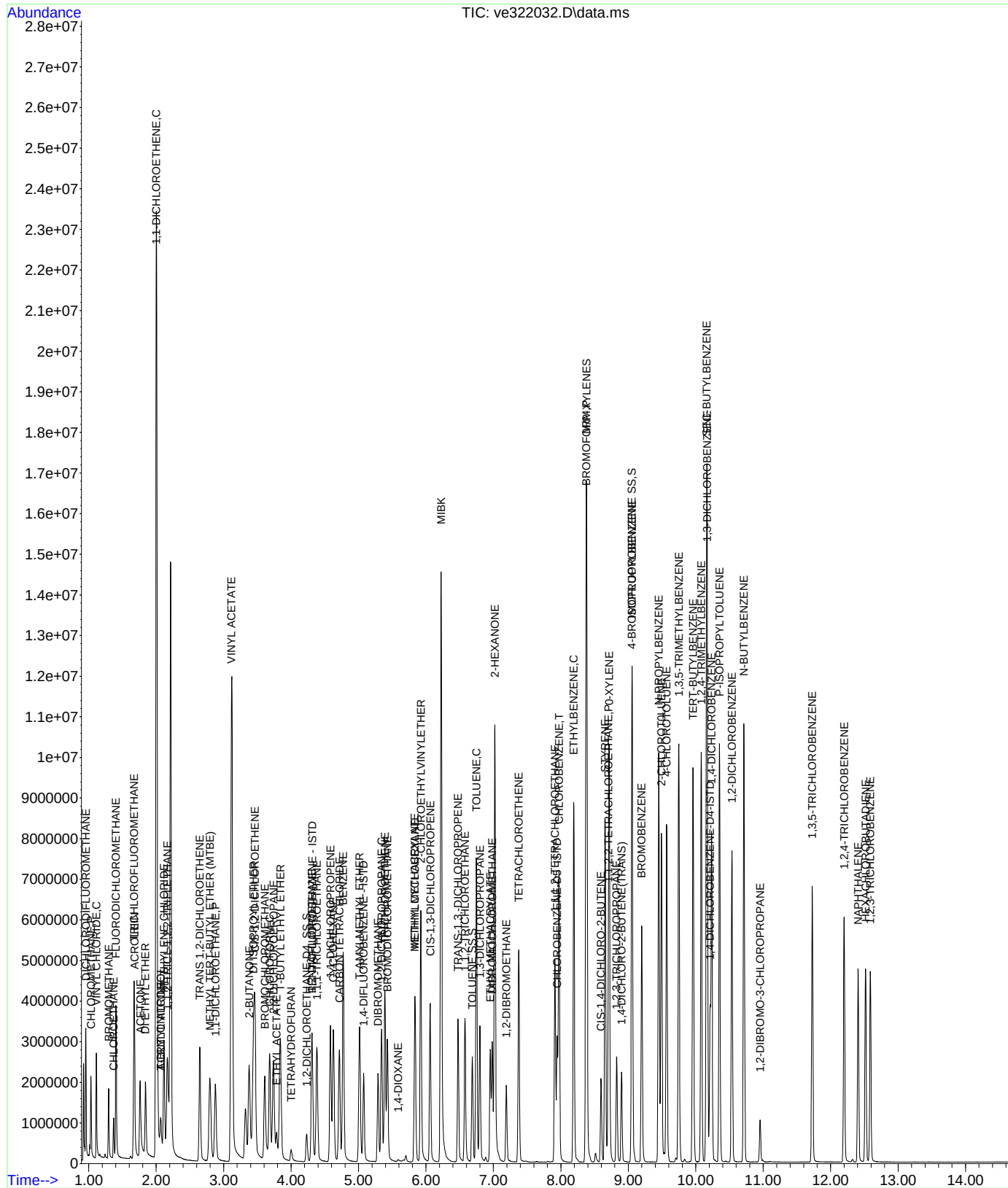
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 1,2-DICHLOROPROPANE	5.340	63	1026850	92.34	UG/L #	94
54) DIBROMOMETHANE	5.287	93	667390	104.55	UG/L	90
55) 1,4-DIOXANE	5.586	88	88723m	1332.06	UG/L	
56) BROMODICHLOROMETHANE	5.427	83	1553158	105.94	UG/L	95
57) 2-CHLOROETHYL VINYLETHER	5.923	63	2283256	1086.05	UG/L	96
58) MIBK	6.224	43	8341197	1234.07	UG/L	96
59) CIS-1,3-DICHLOROPROPENE	6.063	75	1744899	104.33	UG/L	96
60) TOLUENE	6.749	91	4409590	101.14	UG/L	99
61) TRANS-1,3,-DICHLOROPRO...	6.475	75	1481993	117.14	UG/L	95
62) ETHYL METHACRYLATE	6.952	69	1144244	112.34	UG/L	91
63) 1,1,2-TRICHLOROETHANE	6.578	97	923568	102.67	UG/L	100
64) 2-HEXANONE	7.022	43	5784306	1236.89	UG/L	94
65) TETRACHLOROETHENE	7.376	166	1271310	110.60	UG/L	98
66) 1,3-DICHLOROPROPANE	6.799	76	1514233	102.95	UG/L	100
67) DIBROMOCHLOROMETHANE	6.983	129	1271424	110.10	UG/L	99
68) 1,2-DIBROMOETHANE	7.192	107	989130	107.90	UG/L	98
71) CHLOROBENZENE	7.973	112	3159778	106.44	UG/L	99
72) 1,1,1,2-TETRACHLOROETHANE	7.911	131	1157927	112.24	UG/L	98
73) ETHYLBENZENE	8.190	91	5212710	110.55	UG/L	95
74) M/P-XYLENES	8.380	91	8516307	234.68	UG/L	96
75) O-XYLENE	8.717	91	4271306	114.75	UG/L	95
76) STYRENE	8.656	104	3323603	113.64	UG/L	98
77) BROMOFORM	8.374	173	921231	116.78	UG/L #	98
78) ISOPROPYLBENZENE	9.055	105	5571653	116.38	UG/L	97
79) CIS-1,4-DICHLORO-2-BUTENE	8.595	53	334872	120.76	UG/L #	72
80) 1,1,2,2-TETRACHLOROETHANE	8.703	83	1251061	111.85	UG/L	98
81) 1,4-DICHLORO-2-BUTENE(...	8.899	53	337938	128.46	UG/L #	75
82) BROMOBENZENE	9.197	77	1924390	108.77	UG/L	95
83) 1,2,3-TRICHLOROPROPANE	8.826	75	893802	113.02	UG/L	93
84) N-PROPYLBENZENE	9.451	91	6562678	117.49	UG/L	96
85) 2-CHLOROTOLUENE	9.493	91	3550722	110.79	UG/L	99
86) 1,3,5-TRIMETHYLBENZENE	9.749	105	4648294	123.92	UG/L	97
87) 4-CHLOROTOLUENE	9.568	91	3830717	114.80	UG/L	96
89) TERT-BUTYLBENZENE	9.958	119	4099107	115.17	UG/L	94
90) 1,2,4-TRIMETHYLBENZENE	10.081	105	4653745	117.29	UG/L	97
91) SEC-BUTYLBENZENE	10.162	105	6397823	115.64	UG/L	96
92) 1,3-DICHLOROBENZENE	10.170	146	2808750	110.99	UG/L	96
93) P-ISOPROPYLTOLUENE	10.352	119	4872668	119.81	UG/L	98
94) 1,4-DICHLOROBENZENE	10.234	146	2700071	108.68	UG/L	99
95) N-BUTYLBENZENE	10.714	91	4923020	119.13	UG/L	95
96) 1,2-DICHLOROBENZENE	10.536	146	2565592	110.91	UG/L	98
97) 1,2-DIBROMO-3-CHLOROPR...	10.954	75	189959	118.83	UG/L	91
98) 1,3,5-TRICHLOROBENZENE	11.726	180	1905411	117.01	UG/L	95
99) 1,2,4-TRICHLOROBENZENE	12.200	180	1599097	122.93	UG/L	96
100) HEXACHLOROBUTADIENE	12.518	225	859068	116.14	UG/L	96
101) NAPHTHALENE	12.410	128	3100783	130.69	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.588	180	1258865	129.73	UG/L	96

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

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Quant Time: Nov 18 11:01:51 2012
Quant Method : C:\msdchem\1\METHODS\E110512W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
Qlast Update : Tue Nov 06 06:46:52 2012
Response via : Initial Calibration

Inst : GCMSV0A5



Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322033.D
 Acq On : 17 Nov 2012 2:16 pm
 Operator :
 Sample : 8260STD 200PPB
 Misc : 1
 ALS Vial : 33 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 11:03:20 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.314	168	1099207	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.073	114	1526187	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.942	82	752291	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.212	152	836837	30.00	UG/L	# 0.00

System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4	SS	4.228	65	420005	24.02	UG/L 0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.08%
48) TOLUENE SS		6.685	98	1470695	24.55	UG/L 0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.20%
70) 4-BROMOFLUOROBENZENE SS		9.049	95	607457	27.66	UG/L 0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.64%

Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE		0.957	85	2465156	214.35	UG/L 99
4) DIFLUOROCHLOROMETHANE		0.000		0	N.D.	
5) CHLOROMETHANE		1.032	50	2016579	163.98	UG/L 100
6) VINYL CHLORIDE		1.113	62	1846748	129.26	UG/L 97
7) BROMOMETHANE		1.294	94	1311444	133.81	UG/L 94
8) CHLOROETHANE		1.369	64	910790	129.06	UG/L # 87
9) Ethanol		1.841	45	967462	No Calib	#
10) FLUORODICHLOROMETHANE		1.403	67	4230980	195.68	UG/L 94
11) TRICHLOROFLUOROMETHANE		1.671	101	3757265	237.09	UG/L 100
12) DI ETHYL ETHER		1.841	59	1339590	161.64	UG/L # 88
13) ACROLEIN		1.676	56	1446710	1116.82	UG/L 95
14) ACETONE		1.760	43	3683842	1637.77	UG/L 90
15) 1,1-DICHLOROETHENE		1.997	61	3153478	191.36	UG/L 99
16) 1,1,2-TRICL-1,2,2-TRIF...		2.164	101	1773552	173.30	UG/L 100
17) IODOMETHANE		0.000		0	N.D.	
18) ALLYL CHLORIDE		2.189	41	23781	No Calib	#
19) METHYL ACETATE		2.186	43	1545139	No Calib	#
20) T-BUTYL ALCOHOL		2.067	59	940041	1808.60	UG/L # 89
21) ACRYLONITRILE		2.067	53	489901	133.96	UG/L 95
22) METHYLENE CHLORIDE		2.114	49	2192221	140.52	UG/L # 76
23) CARBON DISULFIDE		0.000		0	N.D.	
24) METHYL TERT-BUTYL ETHE...		2.792	73	4647855	219.02	UG/L # 85
25) TRANS 1,2-DICHLOROETHENE		2.647	61	2609655	162.33	UG/L 91
26) 1,1-DICHLOROETHANE		2.875	63	3406765	169.34	UG/L 96
27) PROPIONITRILE		3.374	54	11275	No Calib	#
28) VINYL ACETATE		0.000		0	N.D.	
29) CHLOROPRENE		3.843	53	32877	No Calib	#
30) DI ISOPROYL ETHER		3.441	45	5266355	173.69	UG/L # 86
31) 2-BUTANONE		3.374	43	4909395	1480.02	UG/L # 86
32) METHACRYLONITRILE		3.737	41	1581978	No Calib	#
33) T-BUTYL ETHYL ETHER		3.837	59	5428575	217.88	UG/L # 92
34) CIS-1,2-DICHLOROETHENE		3.464	61	2868438	174.78	UG/L 87
35) 2,2-DICHLOROPROPANE		3.737	77	2976181	222.78	UG/L 99
36) ETHYL ACETATE		3.782	43	1245251	169.75	UG/L 96
37) BROMOCHLOROMETHANE		3.606	49	1375106	145.81	UG/L # 76
38) TETRAHYDROFURAN		3.999	42	305585	138.25	UG/L # 78
39) CHLOROFORM		3.681	83	3777402	183.56	UG/L 98
40) ISOBUTANOL		3.999	43	62708	No Calib	#
41) 1,1,1-TRICHLOROETHANE		4.381	97	3347522	210.81	UG/L 99
42) CYCLOHEXANE		4.624	56	2612701	146.28	UG/L # 76
43) CARBON TETRACHLORIDE		4.713	117	2914802	190.91	UG/L 96
44) 1,1-DICHLOROPROPENE		4.582	75	2698553	173.43	UG/L 97
45) BENZENE		4.772	78	7944950	167.10	UG/L 100
46) T-AMYL METHYL ETHER		5.014	73	5111769	238.51	UG/L # 91
49) 1,2-DICHLOROETHANE		4.303	62	2565908	213.79	UG/L # 66
50) METHYL METHACRYLATE		5.834	41	1191483	200.35	UG/L # 71
51) TRICHLOROETHENE		5.388	95	2174335	195.65	UG/L 97
52) METHYLCYCLOHEXANE		5.834	83	2840488	183.26	UG/L # 85

Data Path : C:\msdchem\1\DATA\111612\
 Data File : ve322033.D
 Acq On : 17 Nov 2012 2:16 pm
 Operator :
 Sample : 8260STD 200PPB
 Misc : 1
 ALS Vial : 33 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Nov 18 11:03:20 2012
 Quant Method : C:\msdchem\1\METHODS\E110512W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Tue Nov 06 06:46:52 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 1,2-DICHLOROPROPANE	5.340	63	2057440	179.61	UG/L #	95
54) DIBROMOMETHANE	5.285	93	1308737	199.04	UG/L	92
55) 1,4-DIOXANE	5.586	88	157108m	2289.95	UG/L	
56) BROMODICHLOROMETHANE	5.427	83	3193486	211.46	UG/L	97
57) 2-CHLOROETHYL VINYLETHER	5.923	63	4476026	2066.94	UG/L	98
58) MIBK	6.222	43	15023348	2157.83	UG/L #	97
59) CIS-1,3-DICHLOROPROPENE	6.060	75	3534378	205.15	UG/L	96
60) TOLUENE	6.746	91	9089644	202.40	UG/L	99
61) TRANS-1,3,-DICHLOROPRO...	6.475	75	3031378	232.62	UG/L	95
62) ETHYL METHACRYLATE	6.952	69	2260727	215.47	UG/L	90
63) 1,1,2-TRICHLOROETHANE	6.576	97	1858105	200.54	UG/L	100
64) 2-HEXANONE	7.022	43	10895360	2261.84	UG/L	94
65) TETRACHLOROETHENE	7.373	166	2556487	215.92	UG/L	98
66) 1,3-DICHLOROPROPANE	6.799	76	2973366	196.25	UG/L	100
67) DIBROMOCHLOROMETHANE	6.980	129	2634640	221.50	UG/L	99
68) 1,2-DIBROMOETHANE	7.192	107	1982622	209.96	UG/L	98
71) CHLOROBENZENE	7.970	112	6254358	205.45	UG/L	99
72) 1,1,1,2-TETRACHLOROETHANE	7.912	131	2328744	220.12	UG/L	98
73) ETHYLBENZENE	8.190	91	10442168	215.96	UG/L	95
74) M/P-XYLENES	8.372	91	15674413m	421.22	UG/L	
75) O-XYLENE	8.717	91	8796133	230.43	UG/L	94
76) STYRENE	8.656	104	6798633	226.68	UG/L	98
77) BROMOFORM	8.374	173	1875342	231.82	UG/L #	98
78) ISOPROPYLBENZENE	9.052	105	11183269	227.79	UG/L	97
79) CIS-1,4-DICHLORO-2-BUTENE	8.595	53	660034	232.12	UG/L #	73
80) 1,1,2,2-TETRACHLOROETHANE	8.704	83	2455336	214.06	UG/L	98
81) 1,4-DICHLORO-2-BUTENE(...	8.899	53	653102	242.11	UG/L #	76
82) BROMOBENZENE	9.197	77	3910941	215.57	UG/L	94
83) 1,2,3-TRICHLOROPROPANE	8.826	75	1739128	214.45	UG/L	93
84) N-PROPYLBENZENE	9.445	91	12394875	216.40	UG/L	99
85) 2-CHLOROTOLUENE	9.490	91	7513928	228.64	UG/L	97
86) 1,3,5-TRIMETHYLBENZENE	9.746	105	9684624	251.78	UG/L	97
87) 4-CHLOROTOLUENE	9.568	91	7956176	232.51	UG/L	95
89) TERT-BUTYLBENZENE	9.958	119	8376142	229.98	UG/L	93
90) 1,2,4-TRIMETHYLBENZENE	10.081	105	9518231	234.42	UG/L	97
91) SEC-BUTYLBENZENE	10.156	105	12490603	220.62	UG/L	99
92) 1,3-DICHLOROBENZENE	10.168	146	5854284	226.06	UG/L	96
93) P-ISOPROPYLTOLUENE	10.352	119	9898950	237.84	UG/L	97
94) 1,4-DICHLOROBENZENE	10.234	146	5463028	214.89	UG/L	99
95) N-BUTYLBENZENE	10.711	91	10184328	240.84	UG/L	96
96) 1,2-DICHLOROBENZENE	10.536	146	5293141	223.60	UG/L	98
97) 1,2-DIBROMO-3-CHLOROPR...	10.951	75	364329	222.72	UG/L	89
98) 1,3,5-TRICHLOROBENZENE	11.726	180	3921847	235.35	UG/L	96
99) 1,2,4-TRICHLOROBENZENE	12.198	180	3245799	243.84	UG/L	96
100) HEXACHLOROBUTADIENE	12.516	225	1898832	250.86	UG/L	95
101) NAPHTHALENE	12.404	128	5843188	240.66	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.588	180	2399051	241.59	UG/L	95

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

585

Inst : GCMSV0A5

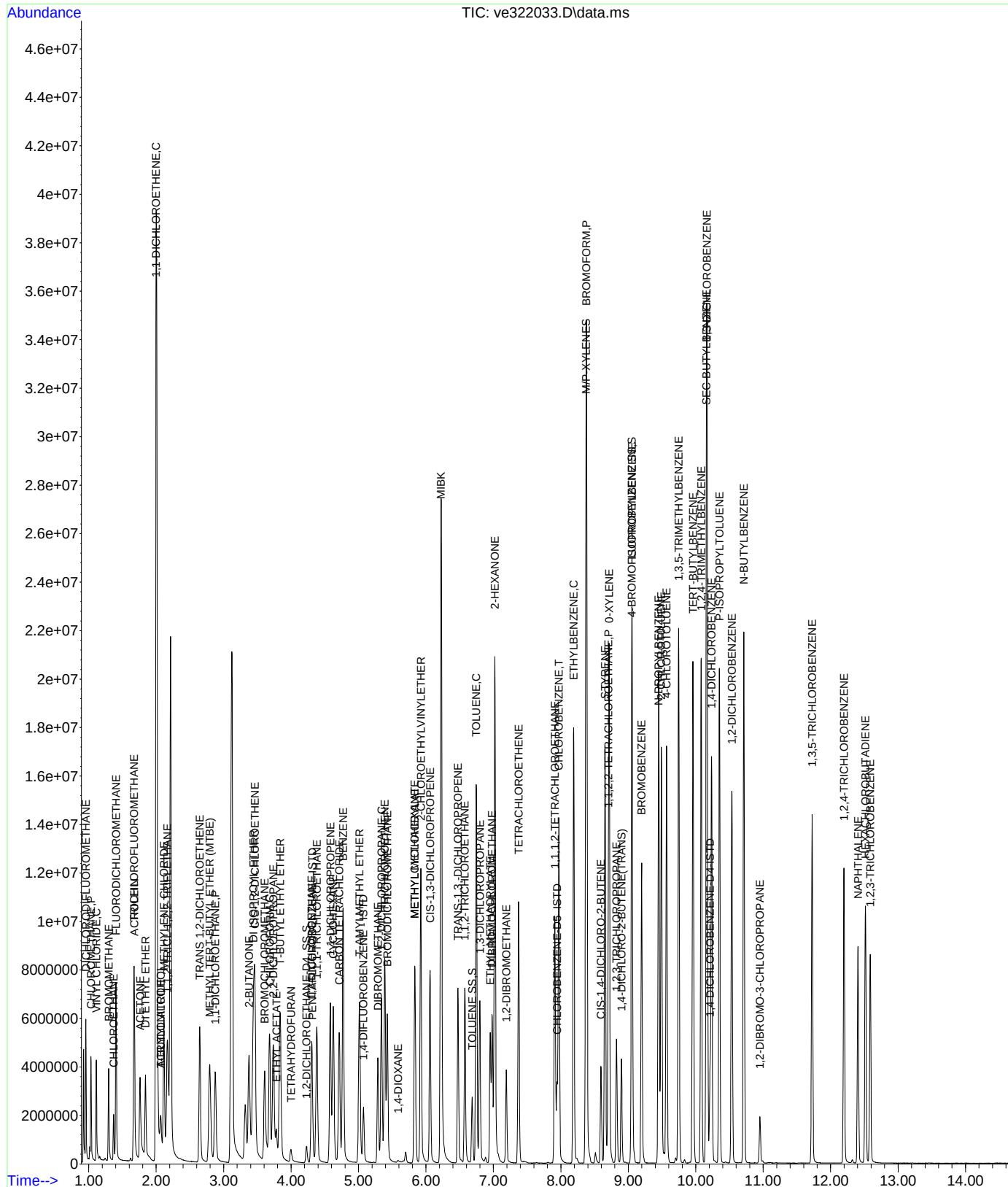
Quant Time: Nov 18 11:03:20 2012

Quant Method : C:\msdchem\1\METHODS\E110512W.m

Quant Title : 8260 WATER 5MLS VOAMS 5973 #5

QLast Update : Tue Nov 06 06:46:52 2012

Response via : Initial Calibration



7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Instrument ID:	GCMSVOA2	Calibration:	1300005
Lab File ID:	VB353036.D	Calibration Date:	12/17/12 00:00
Sequence:	S003577	Injection Date:	12/19/12
Lab Sample ID:	S003577-CCV1	Injection Time:	09:21

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	100	86.4	0.1301367	0.112382		-13.6	20
Acrylonitrile	A	10.0	10.4	0.1719934	0.1785382		3.8	20
tert-Amyl Methyl Ether (TAME)	A	10.0	9.29	1.263941	1.174024		-7.1	20
Benzene	A	10.0	10.3	1.952776	2.011946		3.0	20
Bromobenzene	A	10.0	10.3	1.011539	1.038977		2.7	20
Bromochloromethane	A	10.0	10.8	0.2075172	0.2244431		8.2	20
Bromodichloromethane	A	10.0	10.2	0.3504977	0.3559067		1.5	20
Bromoform	L	10.0	8.51	0.2594068	0.2121798		-14.9	20
Bromomethane	L	10.0	11.8	0.432743	0.3633232		18.3	20
2-Butanone (MEK)	A	100	102	0.2276446	0.2328562		2.3	20
tert-Butyl Alcohol (TBA)	A	100	85.0	4.179872E-02	3.550706E-02		-15.1	20
n-Butylbenzene	A	10.0	9.62	1.553136	1.49459		-3.8	20
sec-Butylbenzene	A	10.0	10.2	2.147774	2.193446		2.1	20
tert-Butylbenzene	A	10.0	10.2	1.564937	1.592683		1.8	20
tert-Butyl Ethyl Ether (TBEE)	A	10.0	9.63	1.373721	1.322493		-3.7	20
Carbon Disulfide	A	100	94.8	1.176954	1.116299		-5.2	20
Carbon Tetrachloride	A	10.0	9.15	0.5014621	0.4590492		-8.5	20
Chlorobenzene	A	10.0	10.5	1.489115	1.557064		4.6	20
Chlorodibromomethane	L	10.0	8.12	0.2341229	0.2221021		-18.8	20
Chloroethane	A	10.0	9.33	0.2693728	0.251264		-6.7	20
Chloroform	A	10.0	10.0	0.8381743	0.8394506		0.2	20
Chloromethane	A	10.0	10.4	0.5839082	0.6079775		4.1	20
2-Chlorotoluene	A	10.0	10.2	1.726663	1.75988		1.9	20
4-Chlorotoluene	A	10.0	10.3	1.95926	2.026789		3.4	20

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Instrument ID:	GCMSVOA2	Calibration:	1300005
Lab File ID:	VB353036.D	Calibration Date:	12/17/12 00:00
Sequence:	S003577	Injection Date:	12/19/12
Lab Sample ID:	S003577-CCV1	Injection Time:	09:21

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,2-Dibromo-3-chloropropane (DBCP)	L	10.0	8.80	7.861765E-02	5.635012E-02		-12.0	20
1,2-Dibromoethane (EDB)	A	10.0	10.2	0.2737269	0.2806286		2.5	20
Dibromomethane	A	10.0	10.7	0.1847891	0.1977028		7.0	20
1,2-Dichlorobenzene	A	10.0	10.2	1.207056	1.2348		2.3	20
1,3-Dichlorobenzene	A	10.0	10.2	1.25097	1.27481		1.9	20
1,4-Dichlorobenzene	A	10.0	9.96	1.273639	1.268546		-0.4	20
trans-1,4-Dichloro-2-butene	L	10.0	8.89	0.177279	0.1288374		-11.1	20
Dichlorodifluoromethane (Freon 12)	A	10.0	10.5	0.5540888	0.5808319		4.8	20
1,1-Dichloroethane	A	10.0	10.4	0.8042613	0.8370818		4.1	20
1,2-Dichloroethane	A	10.0	10.3	0.449274	0.4631094		3.1	20
1,1-Dichloroethylene	A	10.0	9.41	0.5763706	0.542148		-5.9	20
cis-1,2-Dichloroethylene	A	10.0	10.1	0.769383	0.7770405		1.0	20
trans-1,2-Dichloroethylene	A	10.0	10.7	0.6599388	0.7049834		6.8	20
1,2-Dichloropropane	A	10.0	10.2	0.3056579	0.3127491		2.3	20
1,3-Dichloropropane	A	10.0	10.4	0.5011122	0.5236916		4.5	20
2,2-Dichloropropane	A	10.0	5.76	0.5705863	0.3284217		-42.4	20 *
1,1-Dichloropropene	A	10.0	10.2	0.6402726	0.6507686		1.6	20
cis-1,3-Dichloropropene	L	10.0	7.74	0.4512572	0.4042893		-22.6	20 *
trans-1,3-Dichloropropene	L	10.0	7.23	0.3585973	0.3001823		-27.7	20 *
Diethyl Ether	A	10.0	9.33	0.3575289	0.3336369		-6.7	20
Diisopropyl Ether (DIPE)	A	10.0	10.9	1.406223	1.529514		8.8	20
1,4-Dioxane	A	100	93.4	3.104639E-03	2.90124E-03		-6.6	20
Ethylbenzene	A	10.0	10.6	2.433058	2.572316		5.7	20
Hexachlorobutadiene	A	10.0	8.97	0.2650673	0.2378539		-10.3	20
2-Hexanone (MBK)	A	100	109	0.2027862	0.2209764		9.0	20

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Instrument ID:	GCMSVOA2	Calibration:	1300005
Lab File ID:	VB353036.D	Calibration Date:	12/17/12 00:00
Sequence:	S003577	Injection Date:	12/19/12
Lab Sample ID:	S003577-CCV1	Injection Time:	09:21

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Isopropylbenzene (Cumene)	A	10.0	10.5	2.135457	2.239685		4.9	20
p-Isopropyltoluene (p-Cymene)	A	10.0	10.2	1.671848	1.713281		2.5	20
Methyl tert-Butyl Ether (MTBE)	A	10.0	10.0	1.289384	1.289655		0.02	20
Methylene Chloride	A	10.0	13.8	0.6829884	0.9416334		37.9	20 *
4-Methyl-2-pentanone (MIBK)	A	100	111	0.295194	0.326559		10.6	20
Naphthalene	L	10.0	8.69	0.6278628	0.4504791		-13.1	20
n-Propylbenzene	A	10.0	10.4	2.428807	2.535772		4.4	20
Styrene	A	10.0	10.2	1.65127	1.688118		2.2	20
1,1,1,2-Tetrachloroethane	A	10.0	8.94	0.4584066	0.4098681		-10.6	20
1,1,2,2-Tetrachloroethane	A	10.0	10.0	0.6415035	0.6443609		0.4	20
Tetrachloroethylene	A	10.0	10.2	0.2205129	0.2239988		1.6	20
Tetrahydrofuran	A	10.0	9.95	0.1327059	0.1320602		-0.5	20
Toluene	A	10.0	10.4	1.317492	1.368563		3.9	20
1,2,3-Trichlorobenzene	L	10.0	8.06	0.1909023	0.1561017		-19.4	20
1,2,4-Trichlorobenzene	L	10.0	8.69	0.4068024	0.2994776		-13.1	20
1,3,5-Trichlorobenzene	A	10.0	9.66	0.589686	0.5697403		-3.4	20
1,1,1-Trichloroethane	A	10.0	9.65	0.6376109	0.6152558		-3.5	20
1,1,2-Trichloroethane	A	10.0	10.5	0.2690427	0.2827088		5.1	20
Trichloroethylene	A	10.0	10.5	0.2985427	0.3133976		5.0	20
Trichlorofluoromethane (Freon 11)	A	10.0	9.73	0.5602081	0.5448606		-2.7	20
1,2,3-Trichloropropane	A	10.0	10.2	0.1846406	0.1884546		2.1	20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	9.37	0.2951589	0.276633		-6.3	20
1,2,4-Trimethylbenzene	A	10.0	10.5	2.103583	2.21038		5.1	20

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Instrument ID:	GCMSVOA2	Calibration:	1300005
Lab File ID:	VB353036.D	Calibration Date:	12/17/12 00:00
Sequence:	S003577	Injection Date:	12/19/12
Lab Sample ID:	S003577-CCV1	Injection Time:	09:21

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	10.6	1.782654	1.887827		5.9	20
Vinyl Chloride	A	10.0	10.1	0.5677777	0.5718343		0.7	20
m+p Xylene	A	20.0	21.4	1.916912	2.050546		7.0	20
o-Xylene	A	10.0	10.6	2.031747	2.155887		6.1	20
1,2-Dichloroethane-d4	A	25.0	25.0	0.6149073	0.6160696		0.2	
Toluene-d8	A	25.0	25.1	1.27592	1.280045		0.3	
4-Bromofluorobenzene	A	25.0	25.1	0.8798965	0.8839855		0.5	

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

* Values outside of QC limits

Data File : W:\DATA\121812\VB353036.D
 Acq On : 19 Dec 2012 9:21 am
 Sample : 8260STD 10PPB 1212127/BFB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 19 09:42:19 2012

Vial: 36
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

590

Quant Method : C:\MSDCHEM\1\METHODS\B1217W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Wed Dec 19 09:20:52 2012
 Response via : Initial Calibration
 DataAcq Meth:B1206W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.962	168	157042	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.682	114	245171	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.523	82	138081	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.819	152	121171	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.230	65	80624	25.05	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	100.20%	
43) TOLUENE-D8 SS	6.124	98	261525	25.08	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	100.32%	
64) 4-BROMOFLUROBENZENE SS	8.684	95	101718	25.12	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	100.48%	
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	1.034	85	30405	10.483	UG/L	99
4) DIFLUOROCHLOROMETHANE	1.043	51	31976	10.577	UG/L	99
5) CHLOROMETHANE	1.135	50	31826	10.412	UG/L	99
6) VINYL CHLORIDE	1.190	62	29934	10.071	UG/L	100
7) BROMOMETHANE	1.369	94	19019	11.829	UG/L	98
8) CHLOROETHANE	1.425	64	13153	9.328	UG/L	97
9) FLUORODICHLOROMETHANE	1.536	67	39011	9.587	UG/L	99
10) TRICHLOROFLUOROMETHANE	1.573	101	28522	9.726	UG/L	100
11) ETHANOL	1.678	45	2254	97.962	UG/L	# 80
12) DI ETHYL ETHER	1.743	59	17465	9.332	UG/L	99
13) ACROLEIN	1.826	56	33083	85.191	UG/L	# 98
14) ACETONE	1.929	43	58829	86.357	UG/L	95
15) 1,1-DICHLOROETHENE	1.890	61	28380	9.406	UG/L	98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.888	101	14481	9.372	UG/L	98
17) IODOMETHANE	1.994	142	253083	90.771	UG/L	96
18) METHYL ACETATE	2.155	43	36640	14.261	UG/L	95
19) T-BUTYL ALCOHOL	2.331	59	18587	84.948	UG/L	# 75
20) ACRYLONITRILE	2.429	53	9346	10.381	UG/L	98
21) METHYLENE CHLORIDE	2.228	49	49292	13.787	UG/L	93
22) CARBON DISULFIDE	2.041	76	584353	94.846	UG/L	94
23) METHYL TERT-BUTYL ETHE...	2.451	73	67510	10.002	UG/L	100
24) TRANS 1,2-DICHLOROETHENE	2.443	61	36904	10.683	UG/L	93
25) 1,1-DICHLOROETHANE	2.819	63	43819	10.408	UG/L	100
26) VINYL ACETATE	2.880	43	531995	105.218	UG/L	# 90
27) DI ISOPROPYL ETHER	2.897	45	80066	10.876	UG/L	# 87
28) 2-BUTANONE	3.438	43	121894	102.289	UG/L	96
29) T-BUTYL ETHYL ETHER	3.274	59	69229	9.627	UG/L	99
30) CIS-1,2-DICHLOROETHENE	3.405	61	40676	10.100	UG/L	99
31) 2,2-DICHLOROPROPANE	3.402	77	17192	5.756	UG/L	99
32) ETHYL ACETATE	3.513	43	24909	9.164	UG/L	98
33) BROMOCHLOROMETHANE	3.647	128	11749	10.816	UG/L	97
34) TETRAHYDROFURAN	3.703	42	6913	9.951	UG/L	96
35) CHLOROFORM	3.736	83	43943	10.015	UG/L	100
36) 1,1,1-TRICHLOROETHANE	3.909	97	32207	9.649	UG/L	95
37) CYCLOHEXANE	3.954	56	34801	10.259	UG/L	96
38) CARBON TETRACHLORIDE	4.071	117	24030	9.154	UG/L	98
39) 1,1-DICHLOROPROPENE	4.077	75	34066	10.164	UG/L	98
40) BENZENE	4.280	78	105320	10.303	UG/L	98
41) T-AMYL METHYL ETHER	4.417	73	61457	9.288	UG/L	# 91
44) 1,2-DICHLOROETHANE	4.305	62	37847	10.308	UG/L	99
45) TRICHLOROETHENE	4.927	95	25612	10.498	UG/L	100
46) METHYLCYCLOHEXANE	5.103	83	24106	9.919	UG/L	98
47) 1,2-DICHLOROPROPANE	5.148	63	25559	10.232	UG/L	97
48) DIBROMOMETHANE	5.256	93	16157	10.699	UG/L	96
49) 1,4-DIOXANE	5.298	88	2371	93.449	UG/L	# 87
50) BROMODICHLOROMETHANE	5.429	83	29086	10.154	UG/L	99
51) 2-CHLOROETHYL VINYLETHER	5.747	63	200387	111.359	UG/L	94
52) MIBK	6.040	43	266876	110.625	UG/L	# 90
53) CIS-1,3-DICHLOROPROPENE	5.870	75	33040	7.745	UG/L	95

Data File : W:\DATA\121812\VB353036.D
 Acq On : 19 Dec 2012 9:21 am
 Sample : 8260STD 10PPB 1212127/BFB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 19 09:42:19 2012

Vial: 36
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

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Quant Method : C:\MSDCHEM\1\METHODS\B1217W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Wed Dec 19 09:20:52 2012
 Response via : Initial Calibration
 DataAcq Meth:B1206W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) TOLUENE	6.188	91	111844	10.388	UG/L	98
55) TRANS-1,3,-DICHLOROPRO...	6.425	75	24532	7.233	UG/L	95
57) 1,1,2-TRICHLOROETHANE	6.595	97	23104	10.508	UG/L	99
58) 2-HEXANONE	6.863	43	180590	108.970	UG/L #	90
59) TETRACHLOROETHENE	6.715	164	18306	10.158	UG/L	97
60) 1,3-DICHLOROPROPANE	6.751	76	42798	10.451	UG/L	97
61) DIBROMOCHLOROMETHANE	6.966	129	18151	8.118	UG/L	99
62) 1,2-DIBROMOETHANE	7.063	107	22934	10.252	UG/L	99
65) CHLOROBENZENE	7.551	112	71667	10.456	UG/L	98
66) 1,1,1,2-TETRACHLOROETHANE	7.641	131	18865	8.941	UG/L	99
67) ETHYLBENZENE	7.671	91	118396	10.572	UG/L	97
68) M/P-XYLENES	7.791	91	188761	21.394	UG/L	95
69) O-XYLENE	8.176	91	99229	10.611	UG/L	97
70) STYRENE	8.193	104	77699	10.223	UG/L	98
71) BROMOFORM	8.357	173	9766	8.511	UG/L	98
72) ISOPROPYLBENZENE	8.544	105	103086	10.488	UG/L	97
73) CIS-1,4-DICHLORO-2-BUTENE	8.619	53	6281	7.196	UG/L #	53
74) 1,1,2,2-TETRACHLOROETHANE	8.851	83	29658	10.045	UG/L	100
75) 1,4-DICHLORO-2-BUTENE(...	8.909	53	5930	8.894	UG/L #	71
76) BROMOBENZENE	8.817	77	47821	10.271	UG/L	96
77) 1,2,3-TRICHLOROPROPANE	8.879	110	8674	10.207	UG/L	72
78) N-PROPYLBENZENE	8.948	91	116714	10.440	UG/L	97
79) 2-CHLOROTOLUENE	9.015	91	81002	10.192	UG/L	98
80) 1,3,5-TRIMETHYLBENZENE	9.130	105	86891	10.590	UG/L	96
81) 4-CHLOROTOLUENE	9.130	91	93287	10.345	UG/L	96
83) TERT-BUTYLBENZENE	9.445	119	64329	10.177	UG/L	99
84) 1,2,4-TRIMETHYLBENZENE	9.495	105	89278	10.508	UG/L	98
85) SEC-BUTYLBENZENE	9.662	105	88594	10.213	UG/L	98
86) 1,3-DICHLOROBENZENE	9.752	146	51490	10.191	UG/L	98
87) P-ISOPROPYLTOLUENE	9.813	119	69200	10.248	UG/L	98
88) 1,4-DICHLOROBENZENE	9.841	146	51237	9.960	UG/L	97
89) N-BUTYLBENZENE	10.217	91	60367	9.623	UG/L	97
90) 1,2-DICHLOROBENZENE	10.203	146	49874	10.230	UG/L	100
91) 1,2-DIBROMO-3-CHLOROPR...	10.979	75	2276	8.803	UG/L	96
92) 1,3,5-TRICHLOROBENZENE	11.188	180	23012	9.662	UG/L	99
93) 1,2,4-TRICHLOROBENZENE	11.796	180	12096	8.694	UG/L	99
94) HEXACHLOROBUTADIENE	11.977	225	9607	8.973	UG/L	99
95) NAPHTHALENE	12.033	128	18195	8.692	UG/L	99
96) 1,2,3-TRICHLOROBENZENE	12.270	180	6305	8.063	UG/L	100

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

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Instrument ID:	GCMSVOA1	Calibration:	1200210
Lab File ID:	VA352003.D	Calibration Date:	11/12/12 00:00
Sequence:	S003711	Injection Date:	12/17/12
Lab Sample ID:	S003711-CCV1	Injection Time:	05:43

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	100	85.1	2.577451E-02	2.194479E-02		-14.9	20
Acrylonitrile	A	10.0	10.2	0.0952044	9.731222E-02		2.2	20
tert-Amyl Methyl Ether (TAME)	A	10.0	9.63	0.6747735	0.6498666		-3.7	20
Benzene	A	10.0	10.0	1.782553	1.784447		0.1	20
Bromobenzene	A	10.0	9.22	0.4383795	0.4043593		-7.8	20
Bromochloromethane	A	10.0	11.8	0.1710785	0.2019101		18.0	20
Bromodichloromethane	A	10.0	9.39	0.3607297	0.3385514		-6.1	20
Bromoform	L	10.0	10.0	0.1248965	0.1528337		0.5	20
Bromomethane	A	10.0	9.91	0.3584213	0.3552958		-0.9	20
2-Butanone (MEK)	A	100	92.4	2.717078E-02	2.510332E-02		-7.6	20
tert-Butyl Alcohol (TBA)	A	100	119	9.751441E-03	1.164723E-02		19.4	20
n-Butylbenzene	A	10.0	9.92	2.507204	2.486228		-0.8	20
sec-Butylbenzene	A	10.0	10.6	3.161115	3.333953		5.5	20
tert-Butylbenzene	A	10.0	10.3	2.049035	2.103386		2.7	20
tert-Butyl Ethyl Ether (TBEE)	A	10.0	9.35	0.851131	0.7961462		-6.5	20
Carbon Disulfide	A	100	91.8	1.544429	1.417585		-8.2	20
Carbon Tetrachloride	A	10.0	14.0	0.3652684	0.5096753		39.5	20 *
Chlorobenzene	A	10.0	9.63	0.9764761	0.9406058		-3.7	20
Chlorodibromomethane	L	10.0	9.82	0.2151966	0.2444877		-1.8	20
Chloroethane	A	10.0	9.15	0.3193873	0.2923767		-8.5	20
Chloroform	A	10.0	9.77	0.7512707	0.7337868		-2.3	20
Chloromethane	A	10.0	9.96	0.5758968	0.5735135		-0.4	20
2-Chlorotoluene	A	10.0	9.16	1.264274	1.158635		-8.4	20
4-Chlorotoluene	A	10.0	8.99	1.491207	1.34116		-10.1	20

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Instrument ID:	GCMSVOA1	Calibration:	1200210
Lab File ID:	VA352003.D	Calibration Date:	11/12/12 00:00
Sequence:	S003711	Injection Date:	12/17/12
Lab Sample ID:	S003711-CCV1	Injection Time:	05:43

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,2-Dibromo-3-chloropropane (DBCP)	L	10.0	9.55	4.174731E-02	4.437816E-02		-4.5	20
1,2-Dibromoethane (EDB)	A	10.0	9.74	0.1986676	0.1935199		-2.6	20
Dibromomethane	A	10.0	9.17	0.1560108	0.1430118		-8.3	20
1,2-Dichlorobenzene	A	10.0	9.64	1.291329	1.245343		-3.6	20
1,3-Dichlorobenzene	A	10.0	9.80	1.393721	1.36637		-2.0	20
1,4-Dichlorobenzene	A	10.0	9.66	1.376075	1.329038		-3.4	20
trans-1,4-Dichloro-2-butene	L	10.0	8.45	6.133439E-02	5.528334E-02		-15.5	20
Dichlorodifluoromethane (Freon 12)	A	10.0	10.6	0.4652903	0.4956757		6.5	20
1,1-Dichloroethane	A	10.0	9.54	0.7912227	0.7550811		-4.6	20
1,2-Dichloroethane	A	10.0	8.26	0.3712184	0.3064513		-17.4	20
1,1-Dichloroethylene	A	10.0	8.85	0.527882	0.467389		-11.5	20
cis-1,2-Dichloroethylene	A	10.0	10.6	0.4704005	0.4995071		6.2	20
trans-1,2-Dichloroethylene	A	10.0	10.3	0.4633271	0.4788982		3.4	20
1,2-Dichloropropane	A	10.0	8.48	0.3254418	0.2760056		-15.2	20
1,3-Dichloropropane	A	10.0	9.00	0.3750671	0.3375375		-10.0	20
2,2-Dichloropropane	A	10.0	11.2	0.3491148	0.3902786		11.8	20
1,1-Dichloropropene	A	10.0	9.46	0.6361096	0.601893		-5.4	20
cis-1,3-Dichloropropene	L	10.0	8.94	0.3405338	0.3593645		-10.6	20
trans-1,3-Dichloropropene	L	10.0	8.75	0.2294305	0.2364712		-12.5	20
Diethyl Ether	A	10.0	9.61	0.2055923	0.1975519		-3.9	20
Diisopropyl Ether (DIPE)	A	10.0	9.69	1.333417	1.291789		-3.1	20
1,4-Dioxane	L	100	106	1.490958E-03	1.82494E-03		6.3	20
Ethylbenzene	A	10.0	9.38	1.703236	1.598243		-6.2	20
Hexachlorobutadiene	A	10.0	9.25	0.5685384	0.5257302		-7.5	20
2-Hexanone (MBK)	A	100	83.5	0.1216655	0.1015967		-16.5	20

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CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Instrument ID:	GCMSVOA1	Calibration:	1200210
Lab File ID:	VA352003.D	Calibration Date:	11/12/12 00:00
Sequence:	S003711	Injection Date:	12/17/12
Lab Sample ID:	S003711-CCV1	Injection Time:	05:43

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Isopropylbenzene (Cumene)	A	10.0	9.59	1.765029	1.692493		-4.1	20
p-Isopropyltoluene (p-Cymene)	A	10.0	10.0	2.549697	2.562771		0.5	20
Methyl tert-Butyl Ether (MTBE)	A	10.0	9.34	0.722023	0.674693		-6.6	20
Methylene Chloride	L	10.0	8.74	1.708606	0.6897194		-12.6	20
4-Methyl-2-pentanone (MIBK)	A	100	86.6	0.1806605	0.156407		-13.4	20
Naphthalene	L	10.0	6.60	0.7737701	0.5601062		-34.0	20 *
n-Propylbenzene	A	10.0	9.61	2.10931	2.027977		-3.9	20
Styrene	A	10.0	9.01	1.095456	0.9868024		-9.9	20
1,1,1,2-Tetrachloroethane	L	10.0	9.77	0.2307792	0.2669452		-2.3	20
1,1,2,2-Tetrachloroethane	A	10.0	9.14	0.2847066	0.2601415		-8.6	20
Tetrachloroethylene	A	10.0	9.16	0.2992595	0.2742529		-8.4	20
Tetrahydrofuran	A	10.0	12.7	2.458368E-02	3.130694E-02		27.3	20 *
Toluene	A	10.0	8.58	0.8774693	0.7529733		-14.2	20
1,2,3-Trichlorobenzene	A	10.0	8.28	0.5788333	0.4795454		-17.2	20
1,2,4-Trichlorobenzene	A	10.0	8.42	0.7004038	0.5896301		-15.8	20
1,3,5-Trichlorobenzene	A	10.0	9.56	0.99955	0.9554633		-4.4	20
1,1,1-Trichloroethane	A	10.0	10.2	0.5752027	0.5896384		2.5	20
1,1,2-Trichloroethane	A	10.0	9.43	0.1861736	0.1755576		-5.7	20
Trichloroethylene	A	10.0	9.08	0.3392231	0.3081016		-9.2	20
Trichlorofluoromethane (Freon 11)	A	10.0	9.51	0.9542159	0.9078053		-4.9	20
1,2,3-Trichloropropane	A	10.0	9.88	0.2285088	0.2256756		-1.2	20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	8.94	0.4742933	0.4238724		-10.6	20
1,2,4-Trimethylbenzene	A	10.0	10.1	2.33885	2.357172		0.8	20

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CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Instrument ID:	GCMSVOA1	Calibration:	1200210
Lab File ID:	VA352003.D	Calibration Date:	11/12/12 00:00
Sequence:	S003711	Injection Date:	12/17/12
Lab Sample ID:	S003711-CCV1	Injection Time:	05:43

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	9.39	1.558199	1.463716		-6.1	20
Vinyl Chloride	A	10.0	9.94	0.643601	0.6396086		-0.6	20
m+p Xylene	A	20.0	18.6	0.6872026	0.6385315		-7.1	20
o-Xylene	A	10.0	9.17	0.6765898	0.6202431		-8.3	20
1,2-Dichloroethane-d4	A	25.0	24.3	0.4133384	0.4015058		-2.9	
Toluene-d8	A	25.0	24.5	1.208386	1.183326		-2.1	
4-Bromofluorobenzene	A	25.0	24.2	0.4840972	0.469351		-3.0	

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

* Values outside of QC limits

Data File : V:\DATA\121712\VA352003.D
 Acq On : 17 Dec 2012 5:43 am
 Sample : 8260 STD 10 PPB
 InstName : GCMSVOA1
 Misc :
 Quant Time: Dec 17 07:02:57 2012

Vial: 3
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

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Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 13:10:19 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.841	168	1002238	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.522	114	1494296	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.054	117	1395556	30.00	UG/L	0.00
86) 1,4-DICHLOROBENZENE-D4...	9.010	152	845213	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.094	65	335337	24.28	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	97.12%	
48) TOLUENE SS	5.827	98	1473533	24.48	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	97.92%	
69) 4-BROMOFLUROBENZENE SS	8.044	95	545838	24.24	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	96.96%	
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	0.981	85	165595	10.653	UG/L	98
5) CHLOROMETHANE	1.078	50	191599	9.959	UG/L	99
6) VINYL CHLORIDE	1.134	62	213680	9.938	UG/L	99
7) BROMOMETHANE	1.312	94	118697	9.909	UG/L	99
8) CHLOROETHANE	1.364	64	97677	9.154	UG/L	97
9) FLUORODICHLOROMETHANE	1.467	67	296942	9.976	UG/L	99
10) TRICHLOROFLUOROMETHANE	1.506	101	303279	9.514	UG/L	98
11) DI ETHYL ETHER	1.671	74	65998	9.609	UG/L	89
12) ACETONE	1.843	58	73313	85.141	UG/L	98
13) 1,1,2TRICL-1,2,2TRIFLE...	1.812	101	141607	8.937	UG/L	92
14) 1,1-DICHLOROETHENE	1.812	96	156145	8.854	UG/L	95
15) IODOMETHANE	1.913	142	2653810	85.395	UG/L	98
16) METHYL ACETATE	2.066	43	88485	10.533	UG/L	99
17) T-BUTYL ALCOHOL	2.224	59	38911	119.441	UG/L	# 74
18) ACRYLONITRILE	2.324	53	32510	10.221	UG/L	98
21) METHYLENE CHLORIDE	2.141	49	230421	8.742	UG/L	94
22) CARBON DISULFIDE	1.963	76	4735857	91.787	UG/L	98
23) METHYL TERT-BUTYL ETHE...	2.355	73	225401	9.344	UG/L	97
24) TRANS 1,2-DICHLOROETHENE	2.349	96	159990	10.336	UG/L	97
25) 1,1-DICHLOROETHANE	2.714	63	252257	9.543	UG/L	100
27) VINYL ACETATE	2.767	43	2287610	109.063	UG/L	100
28) DI ISOPROPYL ETHER	2.789	45	431560	9.688	UG/L	99
29) 2-BUTANONE	3.320	72	83865	92.391	UG/L	95
30) T-BUTYL ETHYL ETHER	3.162	59	265976	9.354	UG/L	98
31) CIS-1,2-DICHLOROETHENE	3.295	96	166875	10.619	UG/L	90
32) 2,2-DICHLOROPROPANE	3.298	77	130384	11.179	UG/L	96
36) BROMOCHLOROMETHANE	3.532	128	67454	11.802	UG/L	95
37) TETRAHYDROFURAN	3.585	72	10459	12.735	UG/L	88
38) CHLOROFORM	3.621	83	245143	9.767	UG/L	99
39) 1,1,1-TRICHLOROETHANE	3.793	97	196986	10.251	UG/L	95
40) CYCLOHEXANE	3.841	56	254233	9.401	UG/L	96
41) CARBON TETRACHLORIDE	3.949	117	170272	13.953	UG/L	98
42) 1,1-DICHLOROPROPENE	3.952	75	201080	9.462	UG/L	99
44) BENZENE	4.144	78	596147	10.011	UG/L	100
45) T-AMYL METHYL ETHER	4.272	73	217107	9.631	UG/L	# 83
47) METHYLCYCLOHEXANE	4.914	83	227474	9.070	UG/L	94
49) 1,2-DICHLOROETHANE	4.166	62	152643	8.255	UG/L	97
50) TRICHLOROETHENE	4.748	95	153465	9.083	UG/L	97
51) 1,2-DICHLOROPROPANE	4.948	63	137478	8.481	UG/L	99
52) DIBROMOMETHANE	5.048	93	71234	9.167	UG/L	97
54) 1,4-DIOXANE	5.079	88	9090	106.299	UG/L	# 77
55) BROMODICHLOROMETHANE	5.201	83	168632	9.385	UG/L	98
57) MIBK	5.746	43	779061	86.575	UG/L	100
58) CIS-1,3-DICHLOROPROPENE	5.599	75	178999	8.944	UG/L	95
59) TOLUENE	5.885	92	375055	8.581	UG/L	96
60) TRANS-1,3,-DICHLOROPRO...	6.089	75	117786	8.747	UG/L	95
62) 1,1,2-TRICHLOROETHANE	6.239	83	87445	9.430	UG/L	95
63) 2-HEXANONE	6.470	43	506052	83.505	UG/L	98
64) TETRACHLOROETHENE	6.350	164	136605	9.164	UG/L	97

Data File : V:\DATA\121712\VA352003.D
 Acq On : 17 Dec 2012 5:43 am
 Sample : 8260 STD 10 PPB
 InstName : GCMSVOA1
 Misc :
 Quant Time: Dec 17 07:02:57 2012

Vial: 3
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

598

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 13:10:19 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,3-DICHLOROPROPANE	6.378	76	168127	8.999	UG/L	96
66) DIBROMOCHLOROMETHANE	6.567	129	121779	9.819	UG/L	97
67) 1,2-DIBROMOETHANE	6.653	107	96392	9.741	UG/L	94
70) CHLOROBENZENE	7.076	112	437556	9.633	UG/L	97
71) 1,1,1,2-TETRACHLOROETHANE	7.151	131	124179	9.768	UG/L	97
72) ETHYLBENZENE	7.179	91	743479	9.384	UG/L	99
73) M/P-XYLENES	7.282	106	594071	18.584	UG/L	98
74) O-XYLENE	7.610	106	288528	9.167	UG/L	96
75) STYRENE	7.624	104	459046	9.008	UG/L	99
76) BROMOFORM	7.766	173	71096	10.052	UG/L #	96
77) ISOPROPYLBENZENE	7.925	105	787323	9.589	UG/L	100
78) 1,1,2,2-TETRACHLOROETHANE	8.178	83	121014	9.137	UG/L	99
79) 1,4-DICHLORO-2-BUTENE(...	8.225	53	25717	8.454	UG/L	96
80) BROMOBENZENE	8.164	156	188102	9.224	UG/L	95
81) 1,2,3-TRICHLOROPROPANE	8.206	75	104981	9.876	UG/L	97
82) N-PROPYLBENZENE	8.273	91	943385	9.614	UG/L	99
83) 2-CHLOROTOLUENE	8.334	91	538980	9.164	UG/L	98
84) 1,3,5-TRIMETHYLBENZENE	8.423	105	680899	9.394	UG/L	100
85) 4-CHLOROTOLUENE	8.426	91	623888	8.994	UG/L	98
87) TERT-BUTYLBENZENE	8.693	119	592603	10.265	UG/L	98
88) 1,2,4-TRIMETHYLBENZENE	8.732	105	664104	10.078	UG/L	100
89) SEC-BUTYLBENZENE	8.876	105	939300	10.547	UG/L	99
90) 1,3-DICHLOROBENZENE	8.954	146	384958	9.804	UG/L	99
91) P-ISOPROPYLTOLUENE	9.001	119	722029	10.051	UG/L	99
92) 1,4-DICHLOROBENZENE	9.032	146	374440	9.658	UG/L	99
93) N-BUTYLBENZENE	9.344	91	700464	9.916	UG/L	98
94) 1,2-DICHLOROBENZENE	9.338	146	350860	9.644	UG/L	100
95) 1,2-DIBROMO-3-CHLOROPR...	9.986	75	12503	9.547	UG/L #	78
96) 1,3,5-TRICHLOROBENZENE	10.167	180	269190	9.559	UG/L	99
97) 1,2,4-TRICHLOROBENZENE	10.679	180	166121	8.418	UG/L	98
98) HEXACHLOROBUTADIENE	10.832	225	148118	9.247	UG/L	99
99) NAPHTHALENE	10.879	128	157803	6.596	UG/L	100
100) 1,2,3-TRICHLOROBENZENE	11.080	180	135106	8.285	UG/L	97

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

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7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Instrument ID:	GCMSVOA1	Calibration:	1200210
Lab File ID:	VA353003.D	Calibration Date:	11/12/12 00:00
Sequence:	S003718	Injection Date:	12/18/12
Lab Sample ID:	S003718-CCV1	Injection Time:	05:43

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	100	92.2	2.577451E-02	2.375186E-02		-7.8	20
Acrylonitrile	A	10.0	10.6	0.0952044	0.1010424		6.1	20
tert-Amyl Methyl Ether (TAME)	A	10.0	9.13	0.6747735	0.6161476		-8.7	20
Benzene	A	10.0	10.4	1.782553	1.845573		3.5	20
Bromobenzene	A	10.0	9.40	0.4383795	0.4119299		-6.0	20
Bromochloromethane	A	10.0	12.1	0.1710785	0.2069283		21.0	20 *
Bromodichloromethane	A	10.0	9.56	0.3607297	0.344685		-4.4	20
Bromoform	L	10.0	10.2	0.1248965	0.1549301		1.6	20
Bromomethane	A	10.0	9.83	0.3584213	0.3523346		-1.7	20
2-Butanone (MEK)	A	100	101	2.717078E-02	2.740763E-02		0.9	20
tert-Butyl Alcohol (TBA)	A	100	109	9.751441E-03	1.067361E-02		9.5	20
n-Butylbenzene	A	10.0	10.4	2.507204	2.603585		3.8	20
sec-Butylbenzene	A	10.0	11.1	3.161115	3.499555		10.7	20
tert-Butylbenzene	A	10.0	10.6	2.049035	2.161414		5.5	20
tert-Butyl Ethyl Ether (TBEE)	A	10.0	8.93	0.851131	0.7596539		-10.7	20
Carbon Disulfide	A	100	91.6	1.544429	1.41402		-8.4	20
Carbon Tetrachloride	A	10.0	13.6	0.3652684	0.498488		36.5	20 *
Chlorobenzene	A	10.0	10.2	0.9764761	0.9961669		2.0	20
Chlorodibromomethane	L	10.0	9.78	0.2151966	0.2432347		-2.2	20
Chloroethane	A	10.0	9.44	0.3193873	0.3015622		-5.6	20
Chloroform	A	10.0	10.2	0.7512707	0.7646809		1.8	20
Chloromethane	A	10.0	10.1	0.5758968	0.5801374		0.7	20
2-Chlorotoluene	A	10.0	9.66	1.264274	1.221264		-3.4	20
4-Chlorotoluene	A	10.0	9.45	1.491207	1.408809		-5.5	20

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Instrument ID:	GCMSVOA1	Calibration:	1200210
Lab File ID:	VA353003.D	Calibration Date:	11/12/12 00:00
Sequence:	S003718	Injection Date:	12/18/12
Lab Sample ID:	S003718-CCV1	Injection Time:	05:43

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,2-Dibromo-3-chloropropane (DBCP)	L	10.0	10.7	4.174731E-02	0.0502402		6.7	20
1,2-Dibromoethane (EDB)	A	10.0	10.6	0.1986676	0.2098015		5.6	20
Dibromomethane	A	10.0	9.87	0.1560108	0.1539606		-1.3	20
1,2-Dichlorobenzene	A	10.0	10.2	1.291329	1.321826		2.4	20
1,3-Dichlorobenzene	A	10.0	10.4	1.393721	1.445579		3.7	20
1,4-Dichlorobenzene	A	10.0	10.3	1.376075	1.412116		2.6	20
trans-1,4-Dichloro-2-butene	L	10.0	8.93	6.133439E-02	5.901823E-02		-10.7	20
Dichlorodifluoromethane (Freon 12)	A	10.0	10.6	0.4652903	0.4917768		5.7	20
1,1-Dichloroethane	A	10.0	9.75	0.7912227	0.7715725		-2.5	20
1,2-Dichloroethane	A	10.0	8.57	0.3712184	0.3180911		-14.3	20
1,1-Dichloroethylene	A	10.0	8.78	0.527882	0.4637144		-12.2	20
cis-1,2-Dichloroethylene	A	10.0	10.7	0.4704005	0.5036922		7.1	20
trans-1,2-Dichloroethylene	A	10.0	10.5	0.4633271	0.4865984		5.0	20
1,2-Dichloropropane	A	10.0	8.93	0.3254418	0.2905292		-10.7	20
1,3-Dichloropropane	A	10.0	9.52	0.3750671	0.3570416		-4.8	20
2,2-Dichloropropane	A	10.0	10.2	0.3491148	0.3561991		2.0	20
1,1-Dichloropropene	A	10.0	9.95	0.6361096	0.6330224		-0.5	20
cis-1,3-Dichloropropene	L	10.0	8.80	0.3405338	0.3522745		-12.0	20
trans-1,3-Dichloropropene	L	10.0	8.45	0.2294305	0.2260297		-15.5	20
Diethyl Ether	A	10.0	9.64	0.2055923	0.198185		-3.6	20
Diisopropyl Ether (DIPE)	A	10.0	9.78	1.333417	1.304097		-2.2	20
1,4-Dioxane	L	100	101	1.490958E-03	1.71808E-03		0.7	20
Ethylbenzene	A	10.0	9.88	1.703236	1.682032		-1.2	20
Hexachlorobutadiene	A	10.0	9.74	0.5685384	0.5539541		-2.6	20
2-Hexanone (MBK)	A	100	91.5	0.1216655	0.1113777		-8.5	20

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Instrument ID:	GCMSVOA1	Calibration:	1200210
Lab File ID:	VA353003.D	Calibration Date:	11/12/12 00:00
Sequence:	S003718	Injection Date:	12/18/12
Lab Sample ID:	S003718-CCV1	Injection Time:	05:43

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Isopropylbenzene (Cumene)	A	10.0	10.1	1.765029	1.788407		1.3	20
p-Isopropyltoluene (p-Cymene)	A	10.0	10.6	2.549697	2.714402		6.5	20
Methyl tert-Butyl Ether (MTBE)	A	10.0	9.34	0.722023	0.6743848		-6.6	20
Methylene Chloride	L	10.0	9.08	1.708606	0.7096125		-9.2	20
4-Methyl-2-pentanone (MIBK)	A	100	94.2	0.1806605	0.1701605		-5.8	20
Naphthalene	L	10.0	7.07	0.7737701	0.6064962		-29.3	20 *
n-Propylbenzene	A	10.0	10.1	2.10931	2.136235		1.3	20
Styrene	A	10.0	9.61	1.095456	1.052258		-3.9	20
1,1,1,2-Tetrachloroethane	L	10.0	9.94	0.2307792	0.2729907		-0.6	20
1,1,2,2-Tetrachloroethane	A	10.0	10.6	0.2847066	0.301587		5.9	20
Tetrachloroethylene	A	10.0	9.23	0.2992595	0.27636		-7.7	20
Tetrahydrofuran	A	10.0	10.8	2.458368E-02	2.656164E-02		8.0	20
Toluene	A	10.0	8.78	0.8774693	0.7705884		-12.2	20
1,2,3-Trichlorobenzene	A	10.0	8.93	0.5788333	0.5166467		-10.7	20
1,2,4-Trichlorobenzene	A	10.0	9.21	0.7004038	0.645207		-7.9	20
1,3,5-Trichlorobenzene	A	10.0	10.1	0.99955	1.007289		0.8	20
1,1,1-Trichloroethane	A	10.0	9.72	0.5752027	0.5591148		-2.8	20
1,1,2-Trichloroethane	A	10.0	9.94	0.1861736	0.1850026		-0.6	20
Trichloroethylene	A	10.0	9.12	0.3392231	0.3093401		-8.8	20
Trichlorofluoromethane (Freon 11)	A	10.0	9.90	0.9542159	0.9449799		-1.0	20
1,2,3-Trichloropropane	A	10.0	10.9	0.2285088	0.249352		9.1	20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	9.12	0.4742933	0.4323802		-8.8	20
1,2,4-Trimethylbenzene	A	10.0	10.7	2.33885	2.500524		6.9	20

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Instrument ID:	GCMSVOA1	Calibration:	1200210
Lab File ID:	VA353003.D	Calibration Date:	11/12/12 00:00
Sequence:	S003718	Injection Date:	12/18/12
Lab Sample ID:	S003718-CCV1	Injection Time:	05:43

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	9.96	1.558199	1.551228		-0.4	20
Vinyl Chloride	A	10.0	9.86	0.643601	0.6344007		-1.4	20
m+p Xylene	A	20.0	19.8	0.6872026	0.6806294		-1.0	20
o-Xylene	A	10.0	9.84	0.6765898	0.6655754		-1.6	20
1,2-Dichloroethane-d4	A	25.0	22.9	0.4133384	0.3787095		-8.4	
Toluene-d8	A	25.0	24.4	1.208386	1.180331		-2.3	
4-Bromofluorobenzene	A	25.0	23.9	0.4840972	0.4631936		-4.3	

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

* Values outside of QC limits

Data File : V:\DATA\121812\VA353003.D
 Acq On : 18 Dec 2012 5:43 am
 Sample : 8260 STD 10 PPB
 InstName : GCMSVOA1
 Misc :
 Quant Time: Dec 18 06:48:31 2012

Vial: 3
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

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Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 13:10:19 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.842	168	931569	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.520	114	1363732	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.052	117	1242328	30.00	UG/L	0.00
86) 1,4-DICHLOROBENZENE-D4...	9.011	152	754595	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.092	65	293995	22.91	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	91.64%		
48) TOLUENE SS	5.828	98	1341379	24.42	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	97.68%		
69) 4-BROMOFLUROBENZENE SS	8.045	95	479532	23.92	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	95.68%		
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	0.982	85	152708	10.569	UG/L	100
5) CHLOROMETHANE	1.076	50	180146	10.074	UG/L	100
6) VINYL CHLORIDE	1.132	62	196996	9.857	UG/L	100
7) BROMOMETHANE	1.310	94	109408	9.826	UG/L	100
8) CHLOROETHANE	1.365	64	93642	9.442	UG/L	99
9) FLUORODICHLOROMETHANE	1.468	67	284714	10.290	UG/L	100
10) TRICHLOROFLUOROMETHANE	1.505	101	293438	9.903	UG/L	99
11) DI ETHYL ETHER	1.669	74	61541	9.640	UG/L	92
12) ACETONE	1.844	58	73755	92.153	UG/L	93
13) 1,1,2TRICL-1,2,2TRIFLE...	1.811	101	134264	9.116	UG/L	89
14) 1,1-DICHLOROETHENE	1.813	96	143994	8.784	UG/L	99
15) IODOMETHANE	1.914	142	2478087	85.776	UG/L	95
16) METHYL ACETATE	2.067	43	82391	10.551	UG/L	99
17) T-BUTYL ALCOHOL	2.228	59	33144	109.457	UG/L	# 100
18) ACRYLONITRILE	2.331	53	31376	10.613	UG/L	# 93
21) METHYLENE CHLORIDE	2.139	49	220351	9.079	UG/L	96
22) CARBON DISULFIDE	1.961	76	4390856	91.556	UG/L	98
23) METHYL TERT-BUTYL ETHE...	2.353	73	209412	9.340	UG/L	# 90
24) TRANS 1,2-DICHLOROETHENE	2.350	96	151100	10.502	UG/L	98
25) 1,1-DICHLOROETHANE	2.712	63	239591	9.752	UG/L	99
27) VINYL ACETATE	2.768	43	2203155	113.005	UG/L	99
28) DI ISOPROPYL ETHER	2.793	45	404952	9.780	UG/L	99
29) 2-BUTANONE	3.321	72	85107	100.872	UG/L	93
30) T-BUTYL ETHYL ETHER	3.166	59	235890	8.925	UG/L	98
31) CIS-1,2-DICHLOROETHENE	3.293	96	156408	10.708	UG/L	92
32) 2,2-DICHLOROPROPANE	3.296	77	110608	10.203	UG/L	93
36) BROMOCHLOROMETHANE	3.533	128	64256	12.096	UG/L	96
37) TETRAHYDROFURAN	3.588	72	8248	10.805	UG/L	91
38) CHLOROFORM	3.622	83	237451	10.178	UG/L	97
39) 1,1,1-TRICHLOROETHANE	3.789	97	173618	9.720	UG/L	# 87
40) CYCLOHEXANE	3.844	56	240983	9.612	UG/L	96
41) CARBON TETRACHLORIDE	3.950	117	154792	13.647	UG/L	98
42) 1,1-DICHLOROPROPENE	3.950	75	196568	9.951	UG/L	100
44) BENZENE	4.145	78	573093	10.354	UG/L	100
45) T-AMYL METHYL ETHER	4.276	73	191328	9.131	UG/L	# 76
47) METHYLCYCLOHEXANE	4.915	83	214163	9.357	UG/L	95
49) 1,2-DICHLOROETHANE	4.164	62	144597	8.569	UG/L	98
50) TRICHLOROETHENE	4.749	95	140619	9.119	UG/L	98
51) 1,2-DICHLOROPROPANE	4.949	63	132068	8.927	UG/L	99
52) DIBROMOMETHANE	5.046	93	69987	9.869	UG/L	94
54) 1,4-DIOXANE	5.080	88	7810	100.723	UG/L	98
55) BROMODICHLOROMETHANE	5.202	83	156686	9.555	UG/L	100
57) MIBK	5.750	43	773511	94.188	UG/L	99
58) CIS-1,3-DICHLOROPROPENE	5.600	75	160136	8.797	UG/L	95
59) TOLUENE	5.884	92	350292	8.782	UG/L	96
60) TRANS-1,3,-DICHLOROPRO...	6.087	75	102748	8.454	UG/L	97
62) 1,1,2-TRICHLOROETHANE	6.237	83	84098	9.937	UG/L	96
63) 2-HEXANONE	6.471	43	506298	91.544	UG/L	98
64) TETRACHLOROETHENE	6.348	164	125627	9.235	UG/L	99

Data File : V:\DATA\121812\VA353003.D
 Acq On : 18 Dec 2012 5:43 am
 Sample : 8260 STD 10 PPB
 InstName : GCMSVOA1
 Misc :
 Quant Time: Dec 18 06:48:31 2012

Vial: 3
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

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Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 13:10:19 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,3-DICHLOROPROPANE	6.376	76	162303	9.519	UG/L	98
66) DIBROMOCHLOROMETHANE	6.565	129	110569	9.778	UG/L	97
67) 1,2-DIBROMOETHANE	6.652	107	95371	10.560	UG/L	98
70) CHLOROBENZENE	7.077	112	412522	10.202	UG/L	98
71) 1,1,1,2-TETRACHLOROETHANE	7.150	131	113048	9.944	UG/L	97
72) ETHYLBENZENE	7.180	91	696545	9.876	UG/L	99
73) M/P-XYLENES	7.280	106	563710	19.809	UG/L	96
74) O-XYLENE	7.611	106	275621	9.837	UG/L	96
75) STYRENE	7.622	104	435750	9.606	UG/L	97
76) BROMOFORM	7.764	173	64158	10.157	UG/L #	97
77) ISOPROPYLBENZENE	7.926	105	740596	10.132	UG/L	100
78) 1,1,2,2-TETRACHLOROETHANE	8.179	83	124890	10.593	UG/L	95
79) 1,4-DICHLORO-2-BUTENE(...	8.226	53	24440	8.927	UG/L #	1
80) BROMOBENZENE	8.162	156	170584	9.397	UG/L	97
81) 1,2,3-TRICHLOROPROPANE	8.207	75	103259	10.912	UG/L	99
82) N-PROPYLBENZENE	8.271	91	884635	10.128	UG/L	98
83) 2-CHLOROTOLUENE	8.332	91	505737	9.660	UG/L	98
84) 1,3,5-TRIMETHYLBENZENE	8.424	105	642378	9.955	UG/L	99
85) 4-CHLOROTOLUENE	8.424	91	583401	9.447	UG/L	96
87) TERT-BUTYLBENZENE	8.691	119	543664	10.548	UG/L	100
88) 1,2,4-TRIMETHYLBENZENE	8.733	105	628961	10.691	UG/L	99
89) SEC-BUTYLBENZENE	8.874	105	880249	11.071	UG/L	99
90) 1,3-DICHLOROBENZENE	8.955	146	363609	10.372	UG/L	99
91) P-ISOPROPYLTOLUENE	9.002	119	682758	10.646	UG/L	100
92) 1,4-DICHLOROBENZENE	9.030	146	355192	10.262	UG/L	100
93) N-BUTYLBENZENE	9.342	91	654884	10.384	UG/L	99
94) 1,2-DICHLOROBENZENE	9.336	146	332481	10.236	UG/L	99
95) 1,2-DIBROMO-3-CHLOROPR...	9.987	75	12637	10.674	UG/L	91
96) 1,3,5-TRICHLOROBENZENE	10.165	180	253365	10.077	UG/L	97
97) 1,2,4-TRICHLOROBENZENE	10.677	180	162290	9.212	UG/L	94
98) HEXACHLOROBUTADIENE	10.833	225	139337	9.743	UG/L	99
99) NAPHTHALENE	10.878	128	152553	7.069	UG/L	100
100) 1,2,3-TRICHLOROBENZENE	11.081	180	129953	8.926	UG/L	98

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

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Page: 3

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Instrument ID:	GCMSVOA5	Calibration:	1200253
Lab File ID:	ve355032.D	Calibration Date:	11/17/12 00:00
Sequence:	S003719	Injection Date:	12/21/12
Lab Sample ID:	S003719-CCV1	Injection Time:	02:22

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	100	152	5.835487E-02	8.893679E-02		52.4	20 *
Acrylonitrile	A	10.0	10.5	6.807076E-02	7.164719E-02		5.3	20
tert-Amyl Methyl Ether (TAME)	A	10.0	9.27	0.6736051	0.6244788		-7.3	20
Benzene	A	10.0	9.94	1.157699	1.150225		-0.6	20
Bromobenzene	A	10.0	8.92	0.7493434	0.6687731		-10.8	20
Bromochloromethane	A	10.0	8.60	0.2365676	0.2034394		-14.0	20
Bromodichloromethane	A	10.0	8.59	0.3107346	0.2670052		-14.1	20
Bromoform	A	10.0	7.52	0.3183458	0.239337		-24.8	20 *
Bromomethane	A	10.0	21.3	0.1621383	0.3454781		113	20 *
2-Butanone (MEK)	A	100	122	6.703682E-02	8.169261E-02		21.9	20 *
tert-Butyl Alcohol (TBA)	A	100	114	1.322114E-02	0.0150647		13.9	20
n-Butylbenzene	A	10.0	8.93	1.710236	1.52713		-10.7	20
sec-Butylbenzene	A	10.0	9.34	2.225055	2.077808		-6.6	20
tert-Butylbenzene	A	10.0	9.31	1.46375	1.362039		-6.9	20
tert-Butyl Ethyl Ether (TBEE)	A	10.0	8.76	0.7271033	0.6372318		-12.4	20
Carbon Disulfide	A	100	97.8	0.8888896	0.8697897		-2.1	20
Carbon Tetrachloride	A	10.0	9.15	0.4209737	0.3852674		-8.5	20
Chlorobenzene	A	10.0	9.90	1.245341	1.232879		-1.0	20
Chlorodibromomethane	A	10.0	8.43	0.2411463	0.2032994		-15.7	20
Chloroethane	A	10.0	11.0	0.1822928	0.2006828		10.1	20
Chloroform	A	10.0	10.1	0.5301597	0.5356446		1.0	20
Chloromethane	L	10.0	5.53	0.4548623	0.2348068		-44.7	20 *
2-Chlorotoluene	A	10.0	9.46	1.391453	1.31586		-5.4	20
4-Chlorotoluene	A	10.0	9.22	1.497069	1.380666		-7.8	20

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Instrument ID:	GCMSVOA5	Calibration:	1200253
Lab File ID:	ve355032.D	Calibration Date:	11/17/12 00:00
Sequence:	S003719	Injection Date:	12/21/12
Lab Sample ID:	S003719-CCV1	Injection Time:	02:22

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	8.14	6.782975E-02	5.519996E-02		-18.6	20
1,2-Dibromoethane (EDB)	A	10.0	9.88	0.1923988	0.1900829		-1.2	20
Dibromomethane	A	10.0	9.57	0.138361	0.1323937		-4.3	20
1,2-Dichlorobenzene	A	10.0	9.25	0.9194096	0.8500261		-7.5	20
1,3-Dichlorobenzene	A	10.0	9.28	0.9958291	0.9245554		-7.2	20
1,4-Dichlorobenzene	A	10.0	9.33	0.9635978	0.8991041		-6.7	20
trans-1,4-Dichloro-2-butene	A	10.0	6.85	0.1271652	8.712014E-02		-31.5	20 *
Dichlorodifluoromethane (Freon 12)	A	10.0	8.83	0.41902	0.3700423		-11.7	20
1,1-Dichloroethane	A	10.0	9.69	0.4958044	0.4803163		-3.1	20
1,2-Dichloroethane	A	10.0	9.30	0.2819315	0.2623079		-7.0	20
1,1-Dichloroethylene	A	10.0	9.18	0.4467042	0.4099787		-8.2	20
cis-1,2-Dichloroethylene	A	10.0	9.40	0.4201429	0.3950234		-6.0	20
trans-1,2-Dichloroethylene	A	10.0	9.78	0.3990988	0.3901773		-2.2	20
1,2-Dichloropropane	A	10.0	8.56	0.2133517	0.1825879		-14.4	20
1,3-Dichloropropane	A	10.0	9.60	0.2878408	0.276257		-4.0	20
2,2-Dichloropropane	A	10.0	8.03	0.4306036	0.3458901		-19.7	20
1,1-Dichloropropene	A	10.0	10.0	0.4034209	0.4042546		0.2	20
cis-1,3-Dichloropropene	A	10.0	8.08	0.3454852	0.2790416		-19.2	20
trans-1,3-Dichloropropene	A	10.0	7.75	0.2896583	0.2244253		-22.5	20 *
Diethyl Ether	A	10.0	11.7	0.2143701	0.2516996		17.4	20
Diisopropyl Ether (DIPE)	A	10.0	8.85	0.7014216	0.6207609		-11.5	20
1,4-Dioxane	A	100	115	1.53074E-03	1.753581E-03		14.6	20
Ethylbenzene	A	10.0	9.66	2.055588	1.985938		-3.4	20
Hexachlorobutadiene	A	10.0	8.67	0.2776349	0.2408141		-13.3	20
2-Hexanone (MBK)	A	100	97.4	9.768643E-02	9.510511E-02		-2.6	20

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Instrument ID:	GCMSVOA5	Calibration:	1200253
Lab File ID:	ve355032.D	Calibration Date:	11/17/12 00:00
Sequence:	S003719	Injection Date:	12/21/12
Lab Sample ID:	S003719-CCV1	Injection Time:	02:22

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Isopropylbenzene (Cumene)	A	10.0	9.70	2.1802	2.114152		-3.0	20
p-Isopropyltoluene (p-Cymene)	A	10.0	8.93	1.710837	1.528015		-10.7	20
Methyl tert-Butyl Ether (MTBE)	A	10.0	9.93	0.6087642	0.6043046		-0.7	20
Methylene Chloride	A	10.0	9.86	0.3542574	0.3492549		-1.4	20
4-Methyl-2-pentanone (MIBK)	A	100	99.0	0.1395954	0.1381289		-1.1	20
Naphthalene	A	10.0	9.08	1.039469	0.9434423		-9.2	20
n-Propylbenzene	A	10.0	9.58	2.503625	2.397787		-4.2	20
Styrene	A	10.0	9.19	1.285667	1.181588		-8.1	20
1,1,1,2-Tetrachloroethane	A	10.0	8.12	0.4438399	0.36032		-18.8	20
1,1,2,2-Tetrachloroethane	A	10.0	9.27	0.4677553	0.4334752		-7.3	20
Tetrachloroethylene	A	10.0	10.2	0.2446525	0.2495257		2.0	20
Tetrahydrofuran	L	10.0	9.99	4.860682E-02	4.646497E-02		-0.1	20
Toluene	A	10.0	9.90	0.8929283	0.8842924		-1.0	20
1,2,3-Trichlorobenzene	A	10.0	9.02	0.3973161	0.3583906		-9.8	20
1,2,4-Trichlorobenzene	A	10.0	8.82	0.5126485	0.4522736		-11.8	20
1,3,5-Trichlorobenzene	A	10.0	8.67	0.627363	0.5440472		-13.3	20
1,1,1-Trichloroethane	A	10.0	9.25	0.4840248	0.4478207		-7.5	20
1,1,2-Trichloroethane	A	10.0	9.34	0.1862672	0.1740123		-6.6	20
Trichloroethylene	A	10.0	9.61	0.22973	0.220875		-3.9	20
Trichlorofluoromethane (Freon 11)	A	10.0	12.3	0.5757881	0.7088937		23.1	20 *
1,2,3-Trichloropropane	A	10.0	9.82	0.336917	0.3307546		-1.8	20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	10.4	0.2655548	0.2770878		4.3	20
1,2,4-Trimethylbenzene	A	10.0	8.96	1.669088	1.495939		-10.4	20

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Instrument ID:	GCMSVOA5	Calibration:	1200253
Lab File ID:	ve355032.D	Calibration Date:	11/17/12 00:00
Sequence:	S003719	Injection Date:	12/21/12
Lab Sample ID:	S003719-CCV1	Injection Time:	02:22

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	9.60	1.758969	1.688967		-4.0	20
Vinyl Chloride	A	10.0	10.7	0.4049865	0.4333412		7.0	20
m+p Xylene	A	20.0	19.2	1.636669	1.570904		-4.0	20
o-Xylene	A	10.0	9.56	1.666028	1.592656		-4.4	20
1,2-Dichloroethane-d4	A	25.0	25.3	0.4984476	0.5040525		1.1	
Toluene-d8	A	25.0	25.0	1.169359	1.168649		-0.06	
4-Bromofluorobenzene	A	25.0	24.8	0.899066	0.8926262		-0.7	

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

* Values outside of QC limits

Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355032.D
 Acq On : 21 Dec 2012 2:22 am
 Operator :
 Sample : 8260STD/BFB 10PPB 1212128
 Misc : 1
 ALS Vial : 32 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 21 06:58:54 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.320	168	611622	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.078	114	905005	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	453064	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.218	152	494946	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	256908	25.28	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	101.12%	
48) TOLUENE SS	6.690	98	881361	24.98	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	99.92%	
70) 4-BROMOFLUOROBENZENE SS	9.055	95	337014	24.82	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	99.28%	
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	0.956	85	75442	8.83	UG/L	97
5) CHLOROMETHANE	1.032	50	47871	5.53	UG/L	96
6) VINYL CHLORIDE	1.113	62	88347	10.70	UG/L	95
7) BROMOMETHANE	1.297	94	70434	21.31	UG/L	91
8) CHLOROETHANE	1.372	64	40914	11.01	UG/L	# 84
10) FLUORODICHLOROMETHANE	1.405	67	155866	12.14	UG/L	92
11) TRICHLOROFLUOROMETHANE	1.673	101	144525m	12.31	UG/L	
12) DI ETHYL ETHER	1.846	59	51315	11.74	UG/L	# 86
13) ACROLEIN	1.679	56	115754	273.44	UG/L	99
14) ACETONE	1.762	43	181319	152.41	UG/L	90
15) 1,1-DICHLOROETHENE	2.002	61	83584	9.18	UG/L	98
16) 1,1,2-TRICL-1,2,2-TRIF...	2.167	101	56491	10.43	UG/L	94
17) IODOMETHANE	2.005	142	767795	84.74	UG/L	94
20) T-BUTYL ALCOHOL	2.069	59	30713	113.94	UG/L	# 98
21) ACRYLONITRILE	2.072	53	14607	10.53	UG/L	98
22) METHYLENE CHLORIDE	2.117	49	71204	9.86	UG/L	# 66
23) CARBON DISULFIDE	2.217	76	1773275	97.85	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.803	73	123202	9.93	UG/L	# 85
25) TRANS 1,2-DICHLOROETHENE	2.652	61	79547	9.78	UG/L	86
26) 1,1-DICHLOROETHANE	2.881	63	97924	9.69	UG/L	# 95
28) VINYL ACETATE	3.123	43	895292	95.01	UG/L	# 93
30) DI ISOPROYL ETHER	3.447	45	126557	8.85	UG/L	# 79
31) 2-BUTANONE	3.383	43	166550m	121.86	UG/L	
33) T-BUTYL ETHYL ETHER	3.845	59	129915	8.76	UG/L	# 74
34) CIS-1,2-DICHLOROETHENE	3.469	61	80535	9.40	UG/L	# 80
35) 2,2-DICHLOROPROPANE	3.745	77	70518	8.03	UG/L	99
36) ETHYL ACETATE	3.790	43	32710	9.59	UG/L	# 92
37) BROMOCHLOROMETHANE	3.617	49	41476	8.60	UG/L	# 68
38) TETRAHYDROFURAN	4.018	42	9473	9.99	UG/L	# 86
39) CHLOROFORM	3.684	83	109204	10.10	UG/L	96
41) 1,1,1-TRICHLOROETHANE	4.389	97	91299	9.25	UG/L	94
42) CYCLOHEXANE	4.626	56	79645	9.22	UG/L	# 69
43) CARBON TETRACHLORIDE	4.721	117	78546	9.15	UG/L	93
44) 1,1-DICHLOROPROPENE	4.584	75	82417	10.02	UG/L	97
45) BENZENE	4.777	78	234501	9.94	UG/L	100
46) T-AMYL METHYL ETHER	5.022	73	127315	9.27	UG/L	# 93
49) 1,2-DICHLOROETHANE	4.308	62	79130	9.30	UG/L	# 78
50) METHYL METHACRYLATE	5.837	41	34960	8.60	UG/L	# 73
51) TRICHLOROETHENE	5.396	95	66631	9.61	UG/L	97
52) METHYLCYCLOHEXANE	5.839	83	93431	9.94	UG/L	# 82
53) 1,2-DICHLOROPROPANE	5.343	63	55081	8.56	UG/L	# 99
54) DIBROMOMETHANE	5.293	93	39939	9.57	UG/L	86
55) 1,4-DIOXANE	5.614	88	5290m	114.56	UG/L	
56) BROMODICHLOROMETHANE	5.432	83	80547	8.59	UG/L	96
57) 2-CHLOROETHYL VINYLETHER	5.926	63	340472	267.62	UG/L	89
58) MIBK	6.227	43	416691	98.95	UG/L	# 97
59) CIS-1,3-DICHLOROPROPENE	6.068	75	84178	8.08	UG/L	97
60) TOLUENE	6.751	91	266763	9.90	UG/L	100

Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355032.D
 Acq On : 21 Dec 2012 2:22 am
 Operator :
 Sample : 8260STD/BFB 10PPB 1212128
 Misc : 1
 ALS Vial : 32 Sample Multiplier: 1

Inst : GCMSVOA5

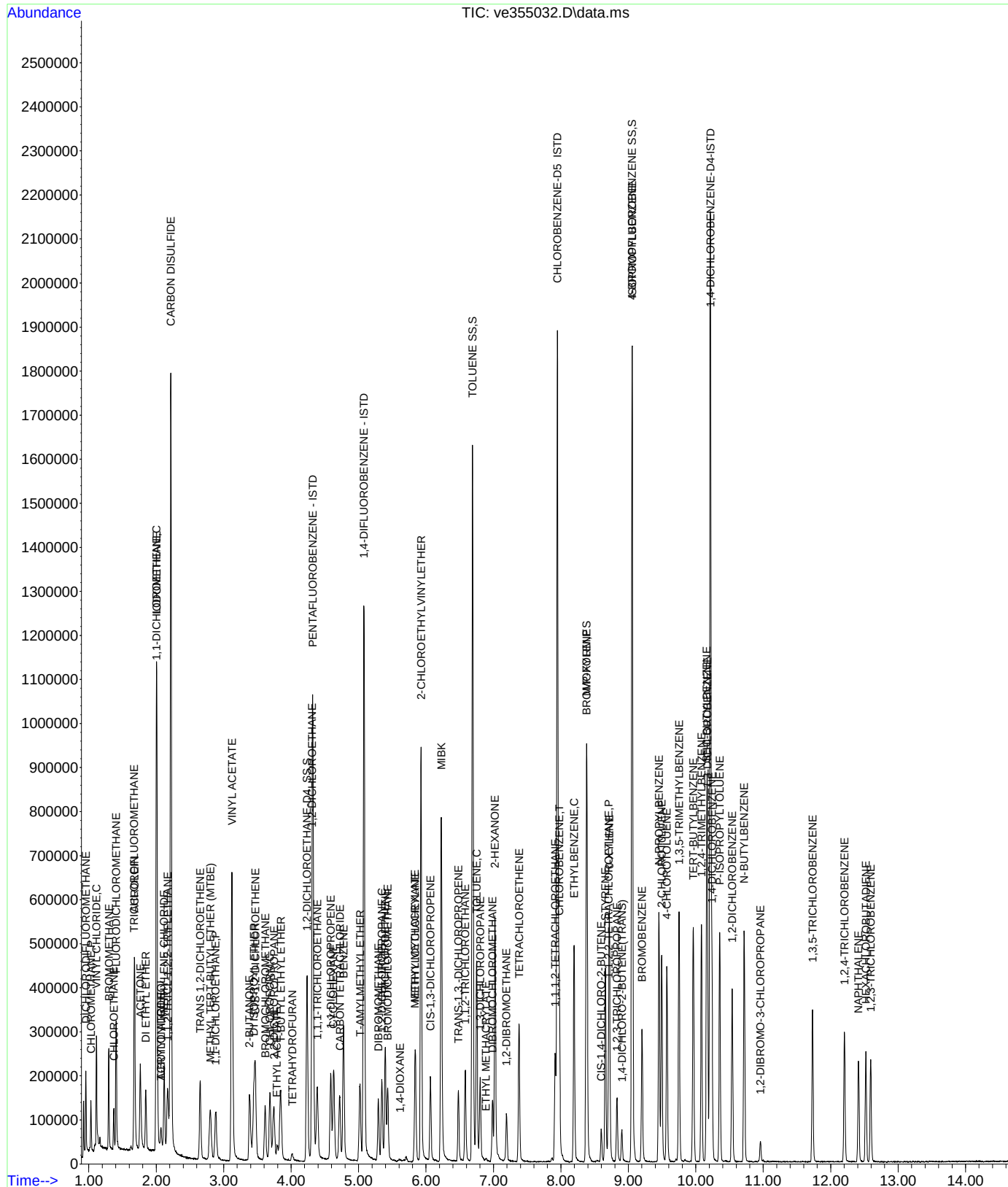
Quant Time: Dec 21 06:58:54 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) TRANS-1,3,-DICHLOROPRO...	6.481	75	67702m	7.75	UG/L	
62) ETHYL METHACRYLATE	6.888	69	1558	0.23	UG/L #	57
63) 1,1,2-TRICHLOROETHANE	6.581	97	52494	9.34	UG/L	98
64) 2-HEXANONE	7.022	43	286902	97.36	UG/L	99
65) TETRACHLOROETHENE	7.382	166	75274	10.20	UG/L	96
66) 1,3-DICHLOROPROPANE	6.801	76	83338	9.60	UG/L	95
67) DIBROMOCHLOROMETHANE	6.986	129	61329	8.43	UG/L	99
68) 1,2-DIBROMOETHANE	7.192	107	57342	9.88	UG/L #	99
71) CHLOROBENZENE	7.975	112	186191	9.90	UG/L	99
72) 1,1,1,2-TETRACHLOROETHANE	7.917	131	54416	8.12	UG/L	96
73) ETHYLBENZENE	8.196	91	299919	9.66	UG/L	96
74) M/P-XYLENES	8.383	91	474480	19.20	UG/L	100
75) O-XYLENE	8.720	91	240525	9.56	UG/L	96
76) STYRENE	8.659	104	178445	9.19	UG/L	99
77) BROMOFORM	8.380	173	36145m	7.52	UG/L	
78) ISOPROPYLBENZENE	9.057	105	319282	9.70	UG/L	97
79) CIS-1,4-DICHLORO-2-BUTENE	8.597	53	12907	6.55	UG/L	96
80) 1,1,2,2-TETRACHLOROETHANE	8.706	83	65464	9.27	UG/L	99
81) 1,4-DICHLORO-2-BUTENE(...	8.904	53	13157m	6.85	UG/L	
82) BROMOBENZENE	9.202	77	100999	8.92	UG/L	97
83) 1,2,3-TRICHLOROPROPANE	8.832	75	49951	9.82	UG/L	95
84) N-PROPYLBENZENE	9.453	91	362117	9.58	UG/L	97
85) 2-CHLOROTOLUENE	9.495	91	198723	9.46	UG/L	98
86) 1,3,5-TRIMETHYLBENZENE	9.752	105	255070	9.60	UG/L	98
87) 4-CHLOROTOLUENE	9.571	91	208510	9.22	UG/L	99
89) TERT-BUTYLBENZENE	9.964	119	224712	9.31	UG/L	96
90) 1,2,4-TRIMETHYLBENZENE	10.084	105	246803	8.96	UG/L	97
91) SEC-BUTYLBENZENE	10.162	105	342801	9.34	UG/L	98
92) 1,3-DICHLOROBENZENE	10.173	146	152535	9.28	UG/L	97
93) P-ISOPROPYLTOLUENE	10.354	119	252095	8.93	UG/L	98
94) 1,4-DICHLOROBENZENE	10.240	146	148336	9.33	UG/L	97
95) N-BUTYLBENZENE	10.717	91	251949	8.93	UG/L	96
96) 1,2-DICHLOROBENZENE	10.541	146	140239	9.25	UG/L	98
97) 1,2-DIBROMO-3-CHLOROPR...	10.957	75	9107m	8.14	UG/L	
98) 1,3,5-TRICHLOROBENZENE	11.732	180	89758	8.67	UG/L	95
99) 1,2,4-TRICHLOROBENZENE	12.203	180	74617	8.82	UG/L	95
100) HEXACHLOROBUTADIENE	12.521	225	39730	8.67	UG/L	96
101) NAPHTHALENE	12.412	128	155651	9.08	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.593	180	59128	9.02	UG/L	97

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

Quant Time: Dec 21 06:58:54 2012
Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
Qlast Update : Sun Nov 18 11:06:04 2012
Response via : Initial Calibration

Inst : GCMSV0A5



7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Instrument ID:	GCMSVOA5	Calibration:	1200253
Lab File ID:	ve358003.D	Calibration Date:	11/17/12 00:00
Sequence:	S003720	Injection Date:	12/23/12
Lab Sample ID:	S003720-CCV1	Injection Time:	08:20

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Vinyl Chloride	A	10.0	12.0	0.4049865	0.4851474		19.8	20
1,2-Dichloroethane-d4	A	25.0	24.6	0.4984476	0.4909764		-1.5	
Toluene-d8	A	25.0	25.1	1.169359	1.175556		0.5	
4-Bromofluorobenzene	A	25.0	25.5	0.899066	0.9155201		1.8	

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

* Values outside of QC limits

Data Path : C:\msdchem\1\DATA\122312\
 Data File : ve358003.D
 Acq On : 23 Dec 2012 8:20 am
 Operator :
 Sample : 8260STD/bfb 10PPB 1212127
 Misc : 1
 ALS Vial : 3 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 23 09:02:45 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.317	168	639115	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.078	114	939803	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.947	82	465886	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.212	152	520065	30.00	UG/L	0.00

System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	261492	24.63	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	98.52%	
48) TOLUENE SS	6.687	98	920659	25.13	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	100.52%	
70) 4-BROMOFLUOROBENZENE SS	9.052	95	355440	25.46	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	101.84%	

Target Compounds						Qvalue
3) DICHLORODIFLUOROMETHANE	0.956	85	89958	10.08	UG/L	98
5) CHLOROMETHANE	1.032	50	50827	5.67	UG/L	99
6) VINYL CHLORIDE	1.115	62	103355m	11.98	UG/L	
7) BROMOMETHANE	1.297	94	57555	16.66	UG/L	92
8) CHLOROETHANE	1.372	64	43771	11.27	UG/L	# 89
10) FLUORODICHLOROMETHANE	1.405	67	152989	11.40	UG/L	92
11) TRICHLOROFLUOROMETHANE	1.673	101	152829	12.46	UG/L	99
12) DI ETHYL ETHER	1.843	59	51975	11.38	UG/L	# 83
13) ACROLEIN	1.679	56	113107	255.69	UG/L	98
14) ACETONE	1.762	43	164900	132.64	UG/L	93
15) 1,1-DICHLOROETHENE	2.002	61	92882	9.76	UG/L	99
16) 1,1,2-TRICL-1,2,2-TRIF...	2.167	101	62155	10.99	UG/L	95
17) IODOMETHANE	2.008	142	839315	88.39	UG/L	96
19) METHYL ACETATE	2.192	43	37075m	8.08	UG/L	
20) T-BUTYL ALCOHOL	2.063	59	29133	103.43	UG/L	# 74
21) ACRYLONITRILE	2.072	53	14269	9.84	UG/L	97
22) METHYLENE CHLORIDE	2.116	49	79732	10.56	UG/L	# 68
23) CARBON DISULFIDE	2.217	76	1985236	104.84	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.797	73	127303	9.82	UG/L	# 85
25) TRANS 1,2-DICHLOROETHENE	2.649	61	84447	9.93	UG/L	# 84
26) 1,1-DICHLOROETHANE	2.881	63	106101	10.05	UG/L	# 96
28) VINYL ACETATE	3.118	43	984025	99.66	UG/L	# 94
30) DI ISOPROYL ETHER	3.447	45	138810	9.29	UG/L	# 81
31) 2-BUTANONE	3.380	43	158429	110.93	UG/L	# 87
33) T-BUTYL ETHYL ETHER	3.840	59	142998	9.23	UG/L	# 88
34) CIS-1,2-DICHLOROETHENE	3.472	61	85334	9.53	UG/L	# 81
35) 2,2-DICHLOROPROPANE	3.739	77	91754	10.00	UG/L	100
36) ETHYL ACETATE	3.795	43	30104	8.48	UG/L	# 91
37) BROMOCHLOROMETHANE	3.611	49	44421	8.81	UG/L	# 70
38) TETRAHYDROFURAN	4.004	42	10414m	10.57	UG/L	
39) CHLOROFORM	3.684	83	116426	10.31	UG/L	97
41) 1,1,1-TRICHLOROETHANE	4.381	97	102010	9.89	UG/L	94
42) CYCLOHEXANE	4.629	56	90295	10.01	UG/L	# 76
43) CARBON TETRACHLORIDE	4.718	117	91020	10.15	UG/L	94
44) 1,1-DICHLOROPROPENE	4.587	75	85668	9.97	UG/L	98
45) BENZENE	4.774	78	245942	9.97	UG/L	100
46) T-AMYL METHYL ETHER	5.017	73	133206	9.28	UG/L	# 93
49) 1,2-DICHLOROETHANE	4.308	62	80709	9.14	UG/L	# 75
50) METHYL METHACRYLATE	5.837	41	40334	9.56	UG/L	# 73
51) TRICHLOROETHENE	5.393	95	69618	9.67	UG/L	96
52) METHYLCYCLOHEXANE	5.839	83	101490	10.40	UG/L	# 83
53) 1,2-DICHLOROPROPANE	5.346	63	60202	9.01	UG/L	# 94
54) DIBROMOMETHANE	5.290	93	40724	9.40	UG/L	87
55) 1,4-DIOXANE	5.591	88	4869m	101.54	UG/L	
56) BROMODICHLOROMETHANE	5.429	83	89108	9.15	UG/L	96
57) 2-CHLOROETHYL VINYLETHER	5.923	63	338632	256.32	UG/L	92
58) MIBK	6.221	43	400364	91.55	UG/L	# 97
59) CIS-1,3-DICHLOROPROPENE	6.062	75	94351	8.72	UG/L	99

Data Path : C:\msdchem\1\DATA\122312\
 Data File : ve358003.D
 Acq On : 23 Dec 2012 8:20 am
 Operator :
 Sample : 8260STD/bfb 10PPB 1212127
 Misc : 1
 ALS Vial : 3 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 23 09:02:45 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

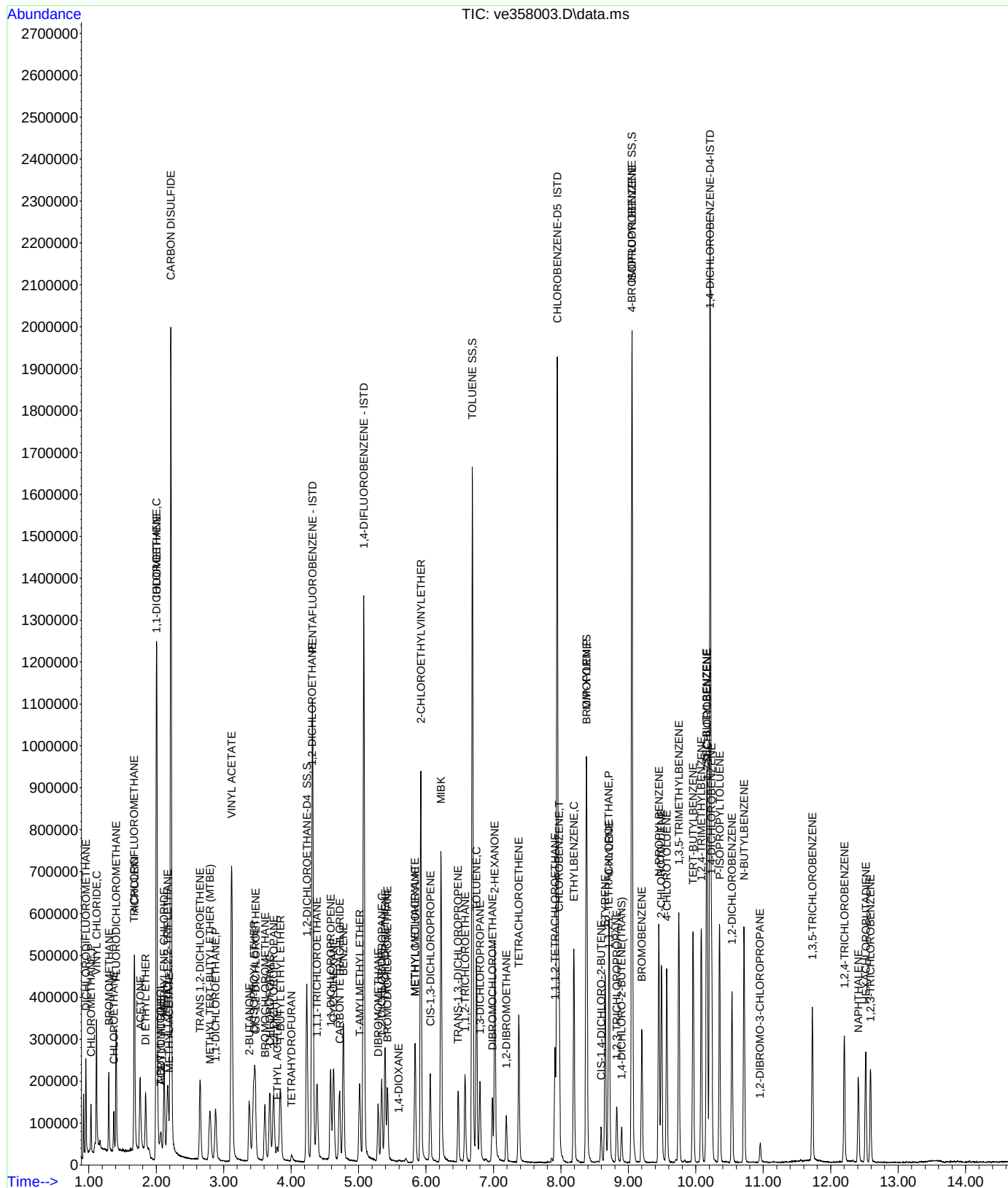
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) TOLUENE	6.748	91	283896	10.15	UG/L	99
61) TRANS-1,3,-DICHLOROPRO...	6.475	75	75854	8.36	UG/L	93
63) 1,1,2-TRICHLOROETHANE	6.581	97	53873	9.23	UG/L	100
64) 2-HEXANONE	7.019	43	266624	87.13	UG/L	97
65) TETRACHLOROETHENE	7.376	166	80897	10.56	UG/L	96
66) 1,3-DICHLOROPROPANE	6.799	76	86297	9.57	UG/L	100
67) DIBROMOCHLOROMETHANE	6.985	129	66292	8.78	UG/L	98
68) 1,2-DIBROMOETHANE	7.189	107	58637	9.73	UG/L #	95
71) CHLOROBENZENE	7.973	112	196788	10.18	UG/L	99
72) 1,1,1,2-TETRACHLOROETHANE	7.914	131	61259	8.89	UG/L	96
73) ETHYLBENZENE	8.193	91	313623	9.82	UG/L	95
74) M/P-XYLENES	8.380	91	505287	19.88	UG/L	98
75) O-XYLENE	8.717	91	252256	9.75	UG/L	96
76) STYRENE	8.656	104	186624	9.35	UG/L	99
77) BROMOFORM	8.377	173	39737m	8.04	UG/L	
78) ISOPROPYLBENZENE	9.055	105	339101	10.02	UG/L	97
79) CIS-1,4-DICHLORO-2-BUTENE	8.597	53	14103	6.96	UG/L	87
80) 1,1,2,2-TETRACHLOROETHANE	8.706	83	63712	8.77	UG/L	99
81) 1,4-DICHLORO-2-BUTENE(...	8.898	53	13077	6.62	UG/L #	78
82) BROMOBENZENE	9.200	77	105992	9.11	UG/L	98
83) 1,2,3-TRICHLOROPROPANE	8.829	75	45940	8.78	UG/L	99
84) N-PROPYLBENZENE	9.453	91	381779	9.82	UG/L	98
85) 2-CHLOROTOLUENE	9.490	91	214425	9.92	UG/L	99
86) 1,3,5-TRIMETHYLBENZENE	9.749	105	269551	9.87	UG/L	100
87) 4-CHLOROTOLUENE	9.570	91	217631	9.36	UG/L	97
89) TERT-BUTYLBENZENE	9.961	119	237538	9.36	UG/L	97
90) 1,2,4-TRIMETHYLBENZENE	10.081	105	265368	9.17	UG/L	97
91) SEC-BUTYLBENZENE	10.159	105	366852	9.51	UG/L	99
92) 1,3-DICHLOROBENZENE	10.170	146	161867	9.38	UG/L	96
93) P-ISOPROPYLTOLUENE	10.354	119	274961	9.27	UG/L	98
94) 1,4-DICHLOROBENZENE	10.234	146	155739	9.32	UG/L	97
95) N-BUTYLBENZENE	10.717	91	268918	9.07	UG/L	98
96) 1,2-DICHLOROBENZENE	10.535	146	144363	9.06	UG/L	97
97) 1,2-DIBROMO-3-CHLOROPR...	10.951	75	8889m	7.56	UG/L	
98) 1,3,5-TRICHLOROBENZENE	11.729	180	96718	8.89	UG/L	96
99) 1,2,4-TRICHLOROBENZENE	12.203	180	77485	8.72	UG/L	95
100) HEXACHLOROBUTADIENE	12.521	225	42224	8.77	UG/L	95
101) NAPHTHALENE	12.412	128	141885m	7.87	UG/L	
102) 1,2,3-TRICHLOROBENZENE	12.591	180	58530	8.50	UG/L	93

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

617

Inst : GCMSV0A5

Quant Time: Dec 23 09:02:45 2012
Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Sun Nov 18 11:06:04 2012
Response via : Initial Calibration



7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Instrument ID:	GCMSVOA5	Calibration:	1200253
Lab File ID:	ve354036.D	Calibration Date:	11/17/12 00:00
Sequence:	S003721	Injection Date:	12/19/12
Lab Sample ID:	S003721-CCV1	Injection Time:	23:41

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
cis-1,2-Dichloroethylene	A	10.0	10.5	0.4201429	0.4403152		4.8	20
1,2-Dichloroethane-d4	A	25.0	25.8	0.4984476	0.5154503		3.4	
Toluene-d8	A	25.0	25.0	1.169359	1.171267		0.2	
4-Bromofluorobenzene	A	25.0	25.0	0.899066	0.8976039		-0.2	

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

* Values outside of QC limits

Data Path : C:\msdchem\1\DATA\121912\
 Data File : ve354036.D
 Acq On : 19 Dec 2012 11:41 pm
 Operator :
 Sample : 8260STD 10PPB 1212127
 Misc : 1
 ALS Vial : 36 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 20 08:30:45 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.322	168	583205	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.078	114	882589	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	433835	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	468508	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	250511	25.85	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	103.40%	
48) TOLUENE SS	6.690	98	861456	25.04	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	100.16%	
70) 4-BROMOFLUOROBENZENE SS	9.057	95	324510	24.96	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	99.84%	
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	0.956	85	88148	10.82	UG/L	99
5) CHLOROMETHANE	1.032	50	71397	10.44	UG/L	99
6) VINYL CHLORIDE	1.115	62	113136	14.37	UG/L	97
7) BROMOMETHANE	1.297	94	115309	36.58	UG/L	92
8) CHLOROETHANE	1.372	64	47271	13.34	UG/L #	85
10) FLUORODICHLOROMETHANE	1.405	67	167226	13.66	UG/L	93
11) TRICHLOROFLUOROMETHANE	1.676	101	162121	14.48	UG/L	98
12) DI ETHYL ETHER	1.846	59	54797	13.15	UG/L #	86
13) ACROLEIN	1.681	56	118731	294.14	UG/L	99
14) ACETONE	1.765	43	174233	153.59	UG/L	91
15) 1,1-DICHLOROETHENE	2.002	61	92287	10.63	UG/L	98
16) 1,1,2-TRICL-1,2,2-TRIF...	2.169	101	60062	11.63	UG/L	90
17) IODOMETHANE	2.008	142	754280	87.13	UG/L	95
20) T-BUTYL ALCOHOL	2.066	59	12809	49.84	UG/L #	62
21) ACRYLONITRILE	2.072	53	14749	11.15	UG/L	99
22) METHYLENE CHLORIDE	2.119	49	83239	12.09	UG/L #	73
23) CARBON DISULFIDE	2.217	76	1943300	112.46	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.800	73	120845	10.21	UG/L #	87
25) TRANS 1,2-DICHLOROETHENE	2.649	61	86040	11.09	UG/L	90
26) 1,1-DICHLOROETHANE	2.883	63	103528	10.74	UG/L #	94
28) VINYL ACETATE	3.120	43	937583	103.83	UG/L #	95
30) DI ISOPROYL ETHER	3.447	45	135076	9.91	UG/L #	85
31) 2-BUTANONE	3.385	43	162536	124.72	UG/L #	89
33) T-BUTYL ETHYL ETHER	3.845	59	136720	9.67	UG/L #	89
34) CIS-1,2-DICHLOROETHENE	3.469	61	85598	10.48	UG/L	85
35) 2,2-DICHLOROPROPANE	3.742	77	75784	9.05	UG/L	99
36) ETHYL ACETATE	3.792	43	30962	9.52	UG/L #	88
37) BROMOCHLOROMETHANE	3.614	49	46265	10.06	UG/L #	78
38) TETRAHYDROFURAN	4.007	42	3861	3.66	UG/L #	1
39) CHLOROFORM	3.686	83	112952	10.96	UG/L	96
41) 1,1,1-TRICHLOROETHANE	4.386	97	97217	10.33	UG/L	95
42) CYCLOHEXANE	4.632	56	90344	10.97	UG/L #	74
43) CARBON TETRACHLORIDE	4.718	117	79981	9.77	UG/L	94
44) 1,1-DICHLOROPROPENE	4.587	75	89861	11.46	UG/L	97
45) BENZENE	4.777	78	243557	10.82	UG/L	100
46) T-AMYL METHYL ETHER	5.019	73	125841	9.61	UG/L	95
49) 1,2-DICHLOROETHANE	4.311	62	80208	9.67	UG/L #	81
50) METHYL METHACRYLATE	5.839	41	39907	10.07	UG/L #	72
51) TRICHLOROETHENE	5.396	95	68824	10.18	UG/L	96
52) METHYLCYCLOHEXANE	5.839	83	97590	10.65	UG/L #	84
53) 1,2-DICHLOROPROPANE	5.346	63	57690	9.19	UG/L #	92
54) DIBROMOMETHANE	5.293	93	39489	9.70	UG/L #	84
55) 1,4-DIOXANE	5.605	88	3331	73.97	UG/L #	78
56) BROMODICHLOROMETHANE	5.432	83	80883	8.85	UG/L	95
57) 2-CHLOROETHYL VINYLETHER	5.926	63	331911	267.52	UG/L	94
58) MIBK	6.224	43	401091	97.66	UG/L	97
59) CIS-1,3-DICHLOROPROPENE	6.065	75	86825	8.54	UG/L	97
60) TOLUENE	6.751	91	277983	10.58	UG/L	99

Data Path : C:\msdchem\1\DATA\121912\
 Data File : ve354036.D
 Acq On : 19 Dec 2012 11:41 pm
 Operator :
 Sample : 8260STD 10PPB 1212127
 Misc : 1
 ALS Vial : 36 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 20 08:30:45 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

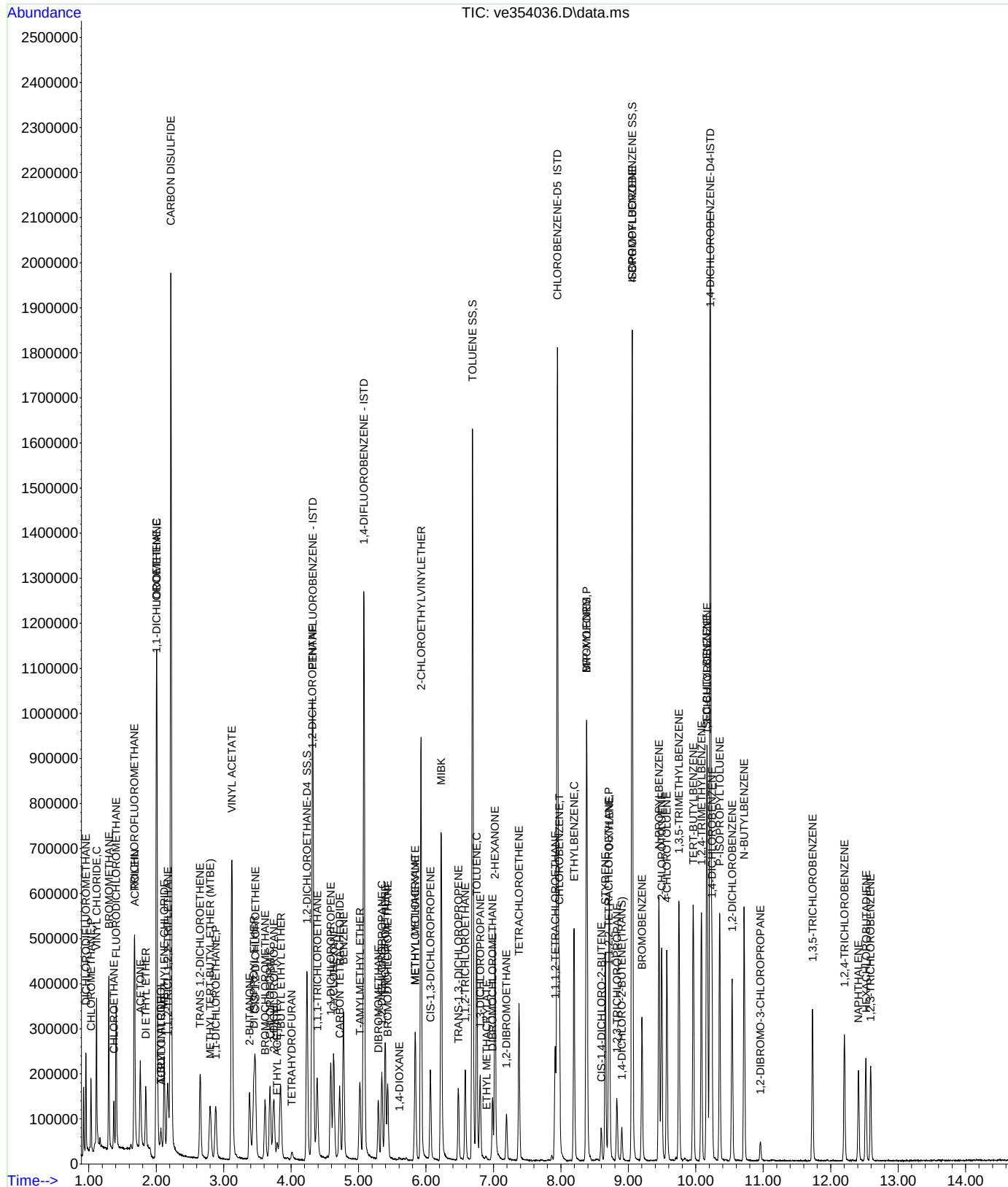
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) TRANS-1,3,-DICHLOROPRO...	6.481	75	67858	7.96	UG/L	95
62) ETHYL METHACRYLATE	6.896	69	1611	0.25	UG/L #	21
63) 1,1,2-TRICHLOROETHANE	6.581	97	52103	9.51	UG/L	100
64) 2-HEXANONE	7.022	43	267080	92.93	UG/L	95
65) TETRACHLOROETHENE	7.379	166	75912	10.55	UG/L	94
66) 1,3-DICHLOROPROPANE	6.804	76	83382	9.85	UG/L	99
67) DIBROMOCHLOROMETHANE	6.985	129	58509	8.25	UG/L	100
68) 1,2-DIBROMOETHANE	7.192	107	55541	9.81	UG/L	98
71) CHLOROBENZENE	7.975	112	189780	10.54	UG/L	99
72) 1,1,1,2-TETRACHLOROETHANE	7.917	131	52686	8.21	UG/L	97
73) ETHYLBENZENE	8.196	91	304942	10.26	UG/L	96
74) M/P-XYLENES	8.383	91	499619	21.11	UG/L	98
75) O-XYLENE	8.720	91	253834	10.54	UG/L	96
76) STYRENE	8.659	104	182223	9.80	UG/L	98
77) BROMOFORM	8.383	173	32726	7.11	UG/L #	99
78) ISOPROPYLBENZENE	9.057	105	329259	10.44	UG/L	97
79) CIS-1,4-DICHLORO-2-BUTENE	8.600	53	12979	6.88	UG/L	100
80) 1,1,2,2-TETRACHLOROETHANE	8.706	83	62795	9.28	UG/L	99
81) 1,4-DICHLORO-2-BUTENE(...	8.901	53	12604	6.85	UG/L	89
82) BROMOBENZENE	9.202	77	103344	9.54	UG/L	96
83) 1,2,3-TRICHLOROPROPANE	8.832	75	46433	9.53	UG/L	96
84) N-PROPYLBENZENE	9.453	91	371563	10.26	UG/L	98
85) 2-CHLOROTOLUENE	9.495	91	204617	10.17	UG/L	99
86) 1,3,5-TRIMETHYLBENZENE	9.749	105	258345	10.16	UG/L	97
87) 4-CHLOROTOLUENE	9.571	91	214428	9.90	UG/L	96
89) TERT-BUTYLBENZENE	9.964	119	230428	10.08	UG/L	95
90) 1,2,4-TRIMETHYLBENZENE	10.084	105	255344	9.80	UG/L	98
91) SEC-BUTYLBENZENE	10.162	105	360810	10.38	UG/L	97
92) 1,3-DICHLOROBENZENE	10.170	146	151727	9.76	UG/L	97
93) P-ISOPROPYLTOLUENE	10.354	119	260690	9.76	UG/L	98
94) 1,4-DICHLOROBENZENE	10.240	146	145710	9.68	UG/L	96
95) N-BUTYLBENZENE	10.717	91	260607	9.76	UG/L	95
96) 1,2-DICHLOROBENZENE	10.538	146	135867	9.46	UG/L	96
97) 1,2-DIBROMO-3-CHLOROPR...	10.956	75	7847	7.41	UG/L #	79
98) 1,3,5-TRICHLOROBENZENE	11.732	180	85615	8.74	UG/L	96
99) 1,2,4-TRICHLOROBENZENE	12.203	180	69615	8.70	UG/L	97
100) HEXACHLOROBUTADIENE	12.524	225	37527	8.66	UG/L	97
101) NAPHTHALENE	12.412	128	128784	7.93	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.591	180	53626	8.64	UG/L	92

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

Inst : GCMSV0A5

621

Quant Time: Dec 20 08:30:45 2012
Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
Qlast Update : Sun Nov 18 11:06:04 2012
Response via : Initial Calibration



7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Instrument ID:	GCMSVOA5	Calibration:	1300013
Lab File ID:	ve355032.D	Calibration Date:	11/17/12 00:00
Sequence:	S003722	Injection Date:	12/21/12
Lab Sample ID:	S003722-CCV1	Injection Time:	02:22

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
cis-1,2-Dichloroethylene	A	10.0	9.40	0.4201429	0.3950234		-6.0	20
1,2-Dichloroethane-d4	A	25.0	25.3	0.4984475	0.5040525		1.1	
Toluene-d8	A	25.0	25.0	1.169359	1.168649		-0.06	
4-Bromofluorobenzene	A	25.0	24.8	0.899066	0.8926262		-0.7	

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

* Values outside of QC limits

Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355032.D
 Acq On : 21 Dec 2012 2:22 am
 Operator :
 Sample : 8260STD/BFB 10PPB 1212128
 Misc : 1
 ALS Vial : 32 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 21 06:58:54 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.320	168	611622	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.078	114	905005	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	453064	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.218	152	494946	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	256908	25.28	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	101.12%	
48) TOLUENE SS	6.690	98	881361	24.98	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	99.92%	
70) 4-BROMOFLUOROBENZENE SS	9.055	95	337014	24.82	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	99.28%	
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	0.956	85	75442	8.83	UG/L	97
5) CHLOROMETHANE	1.032	50	47871	5.53	UG/L	96
6) VINYL CHLORIDE	1.113	62	88347	10.70	UG/L	95
7) BROMOMETHANE	1.297	94	70434	21.31	UG/L	91
8) CHLOROETHANE	1.372	64	40914	11.01	UG/L	# 84
10) FLUORODICHLOROMETHANE	1.405	67	155866	12.14	UG/L	92
11) TRICHLOROFLUOROMETHANE	1.673	101	144525m	12.31	UG/L	
12) DI ETHYL ETHER	1.846	59	51315	11.74	UG/L	# 86
13) ACROLEIN	1.679	56	115754	273.44	UG/L	99
14) ACETONE	1.762	43	181319	152.41	UG/L	90
15) 1,1-DICHLOROETHENE	2.002	61	83584	9.18	UG/L	98
16) 1,1,2-TRICL-1,2,2-TRIF...	2.167	101	56491	10.43	UG/L	94
17) IODOMETHANE	2.005	142	767795	84.74	UG/L	94
20) T-BUTYL ALCOHOL	2.069	59	30713	113.94	UG/L	# 98
21) ACRYLONITRILE	2.072	53	14607	10.53	UG/L	98
22) METHYLENE CHLORIDE	2.117	49	71204	9.86	UG/L	# 66
23) CARBON DISULFIDE	2.217	76	1773275	97.85	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.803	73	123202	9.93	UG/L	# 85
25) TRANS 1,2-DICHLOROETHENE	2.652	61	79547	9.78	UG/L	86
26) 1,1-DICHLOROETHANE	2.881	63	97924	9.69	UG/L	# 95
28) VINYL ACETATE	3.123	43	895292	95.01	UG/L	# 93
30) DI ISOPROYL ETHER	3.447	45	126557	8.85	UG/L	# 79
31) 2-BUTANONE	3.383	43	166550m	121.86	UG/L	
33) T-BUTYL ETHYL ETHER	3.845	59	129915	8.76	UG/L	# 74
34) CIS-1,2-DICHLOROETHENE	3.469	61	80535	9.40	UG/L	# 80
35) 2,2-DICHLOROPROPANE	3.745	77	70518	8.03	UG/L	99
36) ETHYL ACETATE	3.790	43	32710	9.59	UG/L	# 92
37) BROMOCHLOROMETHANE	3.617	49	41476	8.60	UG/L	# 68
38) TETRAHYDROFURAN	4.018	42	9473	9.99	UG/L	# 86
39) CHLOROFORM	3.684	83	109204	10.10	UG/L	96
41) 1,1,1-TRICHLOROETHANE	4.389	97	91299	9.25	UG/L	94
42) CYCLOHEXANE	4.626	56	79645	9.22	UG/L	# 69
43) CARBON TETRACHLORIDE	4.721	117	78546	9.15	UG/L	93
44) 1,1-DICHLOROPROPENE	4.584	75	82417	10.02	UG/L	97
45) BENZENE	4.777	78	234501	9.94	UG/L	100
46) T-AMYL METHYL ETHER	5.022	73	127315	9.27	UG/L	# 93
49) 1,2-DICHLOROETHANE	4.308	62	79130	9.30	UG/L	# 78
50) METHYL METHACRYLATE	5.837	41	34960	8.60	UG/L	# 73
51) TRICHLOROETHENE	5.396	95	66631	9.61	UG/L	97
52) METHYLCYCLOHEXANE	5.839	83	93431	9.94	UG/L	# 82
53) 1,2-DICHLOROPROPANE	5.343	63	55081	8.56	UG/L	# 99
54) DIBROMOMETHANE	5.293	93	39939	9.57	UG/L	86
55) 1,4-DIOXANE	5.614	88	5290m	114.56	UG/L	
56) BROMODICHLOROMETHANE	5.432	83	80547	8.59	UG/L	96
57) 2-CHLOROETHYL VINYLETHER	5.926	63	340472	267.62	UG/L	89
58) MIBK	6.227	43	416691	98.95	UG/L	# 97
59) CIS-1,3-DICHLOROPROPENE	6.068	75	84178	8.08	UG/L	97
60) TOLUENE	6.751	91	266763	9.90	UG/L	100

Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355032.D
 Acq On : 21 Dec 2012 2:22 am
 Operator :
 Sample : 8260STD/BFB 10PPB 1212128
 Misc : 1
 ALS Vial : 32 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 21 06:58:54 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

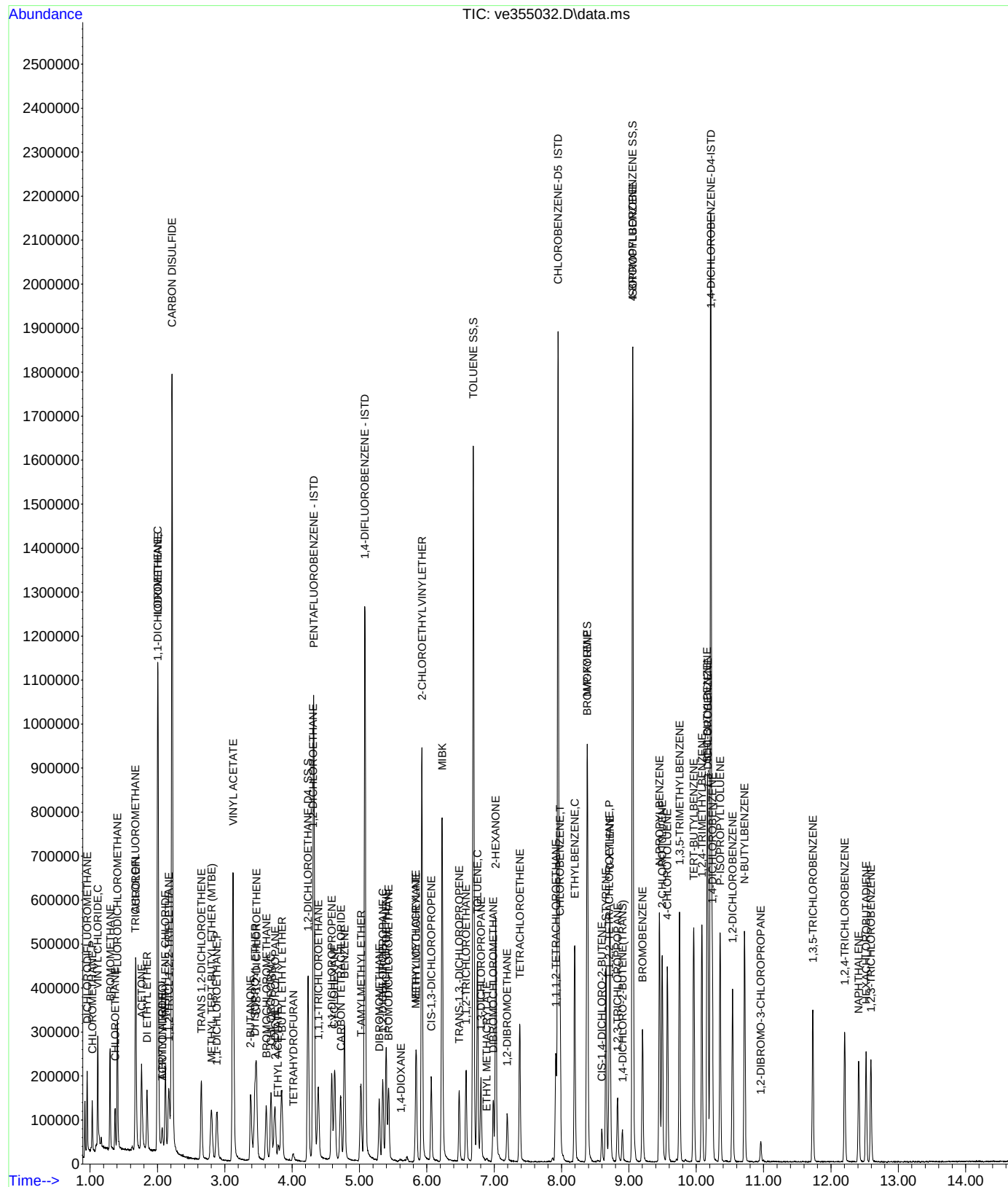
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) TRANS-1,3,-DICHLOROPRO...	6.481	75	67702m	7.75	UG/L	
62) ETHYL METHACRYLATE	6.888	69	1558	0.23	UG/L #	57
63) 1,1,2-TRICHLOROETHANE	6.581	97	52494	9.34	UG/L	98
64) 2-HEXANONE	7.022	43	286902	97.36	UG/L	99
65) TETRACHLOROETHENE	7.382	166	75274	10.20	UG/L	96
66) 1,3-DICHLOROPROPANE	6.801	76	83338	9.60	UG/L	95
67) DIBROMOCHLOROMETHANE	6.986	129	61329	8.43	UG/L	99
68) 1,2-DIBROMOETHANE	7.192	107	57342	9.88	UG/L #	99
71) CHLOROBENZENE	7.975	112	186191	9.90	UG/L	99
72) 1,1,1,2-TETRACHLOROETHANE	7.917	131	54416	8.12	UG/L	96
73) ETHYLBENZENE	8.196	91	299919	9.66	UG/L	96
74) M/P-XYLENES	8.383	91	474480	19.20	UG/L	100
75) O-XYLENE	8.720	91	240525	9.56	UG/L	96
76) STYRENE	8.659	104	178445	9.19	UG/L	99
77) BROMOFORM	8.380	173	36145m	7.52	UG/L	
78) ISOPROPYLBENZENE	9.057	105	319282	9.70	UG/L	97
79) CIS-1,4-DICHLORO-2-BUTENE	8.597	53	12907	6.55	UG/L	96
80) 1,1,2,2-TETRACHLOROETHANE	8.706	83	65464	9.27	UG/L	99
81) 1,4-DICHLORO-2-BUTENE(...	8.904	53	13157m	6.85	UG/L	
82) BROMOBENZENE	9.202	77	100999	8.92	UG/L	97
83) 1,2,3-TRICHLOROPROPANE	8.832	75	49951	9.82	UG/L	95
84) N-PROPYLBENZENE	9.453	91	362117	9.58	UG/L	97
85) 2-CHLOROTOLUENE	9.495	91	198723	9.46	UG/L	98
86) 1,3,5-TRIMETHYLBENZENE	9.752	105	255070	9.60	UG/L	98
87) 4-CHLOROTOLUENE	9.571	91	208510	9.22	UG/L	99
89) TERT-BUTYLBENZENE	9.964	119	224712	9.31	UG/L	96
90) 1,2,4-TRIMETHYLBENZENE	10.084	105	246803	8.96	UG/L	97
91) SEC-BUTYLBENZENE	10.162	105	342801	9.34	UG/L	98
92) 1,3-DICHLOROBENZENE	10.173	146	152535	9.28	UG/L	97
93) P-ISOPROPYLTOLUENE	10.354	119	252095	8.93	UG/L	98
94) 1,4-DICHLOROBENZENE	10.240	146	148336	9.33	UG/L	97
95) N-BUTYLBENZENE	10.717	91	251949	8.93	UG/L	96
96) 1,2-DICHLOROBENZENE	10.541	146	140239	9.25	UG/L	98
97) 1,2-DIBROMO-3-CHLOROPR...	10.957	75	9107m	8.14	UG/L	
98) 1,3,5-TRICHLOROBENZENE	11.732	180	89758	8.67	UG/L	95
99) 1,2,4-TRICHLOROBENZENE	12.203	180	74617	8.82	UG/L	95
100) HEXACHLOROBUTADIENE	12.521	225	39730	8.67	UG/L	96
101) NAPHTHALENE	12.412	128	155651	9.08	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.593	180	59128	9.02	UG/L	97

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

625

Inst : GCMSV0A5

Quant Time: Dec 21 06:58:54 2012
Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Sun Nov 18 11:06:04 2012
Response via : Initial Calibration



7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Instrument ID:	GCMSVOA5	Calibration:	1200253
Lab File ID:	ve355032.D	Calibration Date:	11/17/12 00:00
Sequence:	S003723	Injection Date:	12/21/12
Lab Sample ID:	S003723-CCV1	Injection Time:	02:22

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	100	152	5.835487E-02	8.893679E-02		52.4	20 *
Acrylonitrile	A	10.0	10.5	6.807076E-02	7.164719E-02		5.3	20
tert-Amyl Methyl Ether (TAME)	A	10.0	9.27	0.6736051	0.6244788		-7.3	20
Benzene	A	10.0	9.94	1.157699	1.150225		-0.6	20
Bromobenzene	A	10.0	8.92	0.7493434	0.6687731		-10.8	20
Bromochloromethane	A	10.0	8.60	0.2365676	0.2034394		-14.0	20
Bromodichloromethane	A	10.0	8.59	0.3107346	0.2670052		-14.1	20
Bromoform	A	10.0	7.52	0.3183458	0.239337		-24.8	20 *
Bromomethane	A	10.0	21.3	0.1621383	0.3454781		113	20 *
2-Butanone (MEK)	A	100	122	6.703682E-02	8.169261E-02		21.9	20 *
tert-Butyl Alcohol (TBA)	A	100	114	1.322114E-02	0.0150647		13.9	20
n-Butylbenzene	A	10.0	8.93	1.710236	1.52713		-10.7	20
sec-Butylbenzene	A	10.0	9.34	2.225055	2.077808		-6.6	20
tert-Butylbenzene	A	10.0	9.31	1.46375	1.362039		-6.9	20
tert-Butyl Ethyl Ether (TBEE)	A	10.0	8.76	0.7271033	0.6372318		-12.4	20
Carbon Disulfide	A	100	97.8	0.8888896	0.8697897		-2.1	20
Carbon Tetrachloride	A	10.0	9.15	0.4209737	0.3852674		-8.5	20
Chlorobenzene	A	10.0	9.90	1.245341	1.232879		-1.0	20
Chlorodibromomethane	A	10.0	8.43	0.2411463	0.2032994		-15.7	20
Chloroethane	A	10.0	11.0	0.1822928	0.2006828		10.1	20
Chloroform	A	10.0	10.1	0.5301597	0.5356446		1.0	20
Chloromethane	L	10.0	5.53	0.4548623	0.2348068		-44.7	20 *
2-Chlorotoluene	A	10.0	9.46	1.391453	1.31586		-5.4	20
4-Chlorotoluene	A	10.0	9.22	1.497069	1.380666		-7.8	20

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Instrument ID:	GCMSVOA5	Calibration:	1200253
Lab File ID:	ve355032.D	Calibration Date:	11/17/12 00:00
Sequence:	S003723	Injection Date:	12/21/12
Lab Sample ID:	S003723-CCV1	Injection Time:	02:22

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,2-Dibromo-3-chloropropane (DBCP)	A	10.0	8.14	6.782975E-02	5.519996E-02		-18.6	20
1,2-Dibromoethane (EDB)	A	10.0	9.88	0.1923988	0.1900829		-1.2	20
Dibromomethane	A	10.0	9.57	0.138361	0.1323937		-4.3	20
1,2-Dichlorobenzene	A	10.0	9.25	0.9194096	0.8500261		-7.5	20
1,3-Dichlorobenzene	A	10.0	9.28	0.9958291	0.9245554		-7.2	20
1,4-Dichlorobenzene	A	10.0	9.33	0.9635978	0.8991041		-6.7	20
trans-1,4-Dichloro-2-butene	A	10.0	6.85	0.1271652	8.712014E-02		-31.5	20 *
Dichlorodifluoromethane (Freon 12)	A	10.0	8.83	0.41902	0.3700423		-11.7	20
1,1-Dichloroethane	A	10.0	9.69	0.4958044	0.4803163		-3.1	20
1,2-Dichloroethane	A	10.0	9.30	0.2819315	0.2623079		-7.0	20
1,1-Dichloroethylene	A	10.0	9.18	0.4467042	0.4099787		-8.2	20
cis-1,2-Dichloroethylene	A	10.0	9.40	0.4201429	0.3950234		-6.0	20
trans-1,2-Dichloroethylene	A	10.0	9.78	0.3990988	0.3901773		-2.2	20
1,2-Dichloropropane	A	10.0	8.56	0.2133517	0.1825879		-14.4	20
1,3-Dichloropropane	A	10.0	9.60	0.2878408	0.276257		-4.0	20
2,2-Dichloropropane	A	10.0	8.03	0.4306036	0.3458901		-19.7	20
1,1-Dichloropropene	A	10.0	10.0	0.4034209	0.4042546		0.2	20
cis-1,3-Dichloropropene	A	10.0	8.08	0.3454852	0.2790416		-19.2	20
trans-1,3-Dichloropropene	A	10.0	7.75	0.2896583	0.2244253		-22.5	20 *
Diethyl Ether	A	10.0	11.7	0.2143701	0.2516996		17.4	20
Diisopropyl Ether (DIPE)	A	10.0	8.85	0.7014216	0.6207609		-11.5	20
1,4-Dioxane	A	100	115	1.53074E-03	1.753581E-03		14.6	20
Ethylbenzene	A	10.0	9.66	2.055588	1.985938		-3.4	20
Hexachlorobutadiene	A	10.0	8.67	0.2776349	0.2408141		-13.3	20
2-Hexanone (MBK)	A	100	97.4	9.768643E-02	9.510511E-02		-2.6	20

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Instrument ID:	GCMSVOA5	Calibration:	1200253
Lab File ID:	ve355032.D	Calibration Date:	11/17/12 00:00
Sequence:	S003723	Injection Date:	12/21/12
Lab Sample ID:	S003723-CCV1	Injection Time:	02:22

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Isopropylbenzene (Cumene)	A	10.0	9.70	2.1802	2.114152		-3.0	20
p-Isopropyltoluene (p-Cymene)	A	10.0	8.93	1.710837	1.528015		-10.7	20
Methyl tert-Butyl Ether (MTBE)	A	10.0	9.93	0.6087642	0.6043046		-0.7	20
Methylene Chloride	A	10.0	9.86	0.3542574	0.3492549		-1.4	20
4-Methyl-2-pentanone (MIBK)	A	100	99.0	0.1395954	0.1381289		-1.1	20
Naphthalene	A	10.0	9.08	1.039469	0.9434423		-9.2	20
n-Propylbenzene	A	10.0	9.58	2.503625	2.397787		-4.2	20
Styrene	A	10.0	9.19	1.285667	1.181588		-8.1	20
1,1,1,2-Tetrachloroethane	A	10.0	8.12	0.4438399	0.36032		-18.8	20
1,1,2,2-Tetrachloroethane	A	10.0	9.27	0.4677553	0.4334752		-7.3	20
Tetrachloroethylene	A	10.0	10.2	0.2446525	0.2495257		2.0	20
Tetrahydrofuran	L	10.0	9.99	4.860682E-02	4.646497E-02		-0.1	20
Toluene	A	10.0	9.90	0.8929283	0.8842924		-1.0	20
1,2,3-Trichlorobenzene	A	10.0	9.02	0.3973161	0.3583906		-9.8	20
1,2,4-Trichlorobenzene	A	10.0	8.82	0.5126485	0.4522736		-11.8	20
1,3,5-Trichlorobenzene	A	10.0	8.67	0.627363	0.5440472		-13.3	20
1,1,1-Trichloroethane	A	10.0	9.25	0.4840248	0.4478207		-7.5	20
1,1,2-Trichloroethane	A	10.0	9.34	0.1862672	0.1740123		-6.6	20
Trichloroethylene	A	10.0	9.61	0.22973	0.220875		-3.9	20
Trichlorofluoromethane (Freon 11)	A	10.0	12.3	0.5757881	0.7088937		23.1	20 *
1,2,3-Trichloropropane	A	10.0	9.82	0.336917	0.3307546		-1.8	20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	10.4	0.2655548	0.2770878		4.3	20
1,2,4-Trimethylbenzene	A	10.0	8.96	1.669088	1.495939		-10.4	20

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0458
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Instrument ID:	GCMSVOA5	Calibration:	1200253
Lab File ID:	ve355032.D	Calibration Date:	11/17/12 00:00
Sequence:	S003723	Injection Date:	12/21/12
Lab Sample ID:	S003723-CCV1	Injection Time:	02:22

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	9.60	1.758969	1.688967		-4.0	20
Vinyl Chloride	A	10.0	10.7	0.4049865	0.4333412		7.0	20
m+p Xylene	A	20.0	19.2	1.636669	1.570904		-4.0	20
o-Xylene	A	10.0	9.56	1.666028	1.592656		-4.4	20
1,2-Dichloroethane-d4	A	25.0	25.3	0.4984476	0.5040525		1.1	
Toluene-d8	A	25.0	25.0	1.169359	1.168649		-0.06	
4-Bromofluorobenzene	A	25.0	24.8	0.899066	0.8926262		-0.7	

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

* Values outside of QC limits

Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355032.D
 Acq On : 21 Dec 2012 2:22 am
 Operator :
 Sample : 8260STD/BFB 10PPB 1212128
 Misc : 1
 ALS Vial : 32 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 21 06:58:54 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.320	168	611622	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.078	114	905005	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	453064	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.218	152	494946	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	256908	25.28	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	101.12%	
48) TOLUENE SS	6.690	98	881361	24.98	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	99.92%	
70) 4-BROMOFLUOROBENZENE SS	9.055	95	337014	24.82	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	99.28%	
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	0.956	85	75442	8.83	UG/L	97
5) CHLOROMETHANE	1.032	50	47871	5.53	UG/L	96
6) VINYL CHLORIDE	1.113	62	88347	10.70	UG/L	95
7) BROMOMETHANE	1.297	94	70434	21.31	UG/L	91
8) CHLOROETHANE	1.372	64	40914	11.01	UG/L	# 84
10) FLUORODICHLOROMETHANE	1.405	67	155866	12.14	UG/L	92
11) TRICHLOROFLUOROMETHANE	1.673	101	144525m	12.31	UG/L	
12) DI ETHYL ETHER	1.846	59	51315	11.74	UG/L	# 86
13) ACROLEIN	1.679	56	115754	273.44	UG/L	99
14) ACETONE	1.762	43	181319	152.41	UG/L	90
15) 1,1-DICHLOROETHENE	2.002	61	83584	9.18	UG/L	98
16) 1,1,2-TRICL-1,2,2-TRIF...	2.167	101	56491	10.43	UG/L	94
17) IODOMETHANE	2.005	142	767795	84.74	UG/L	94
20) T-BUTYL ALCOHOL	2.069	59	30713	113.94	UG/L	# 98
21) ACRYLONITRILE	2.072	53	14607	10.53	UG/L	98
22) METHYLENE CHLORIDE	2.117	49	71204	9.86	UG/L	# 66
23) CARBON DISULFIDE	2.217	76	1773275	97.85	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.803	73	123202	9.93	UG/L	# 85
25) TRANS 1,2-DICHLOROETHENE	2.652	61	79547	9.78	UG/L	86
26) 1,1-DICHLOROETHANE	2.881	63	97924	9.69	UG/L	# 95
28) VINYL ACETATE	3.123	43	895292	95.01	UG/L	# 93
30) DI ISOPROYL ETHER	3.447	45	126557	8.85	UG/L	# 79
31) 2-BUTANONE	3.383	43	166550m	121.86	UG/L	
33) T-BUTYL ETHYL ETHER	3.845	59	129915	8.76	UG/L	# 74
34) CIS-1,2-DICHLOROETHENE	3.469	61	80535	9.40	UG/L	# 80
35) 2,2-DICHLOROPROPANE	3.745	77	70518	8.03	UG/L	99
36) ETHYL ACETATE	3.790	43	32710	9.59	UG/L	# 92
37) BROMOCHLOROMETHANE	3.617	49	41476	8.60	UG/L	# 68
38) TETRAHYDROFURAN	4.018	42	9473	9.99	UG/L	# 86
39) CHLOROFORM	3.684	83	109204	10.10	UG/L	96
41) 1,1,1-TRICHLOROETHANE	4.389	97	91299	9.25	UG/L	94
42) CYCLOHEXANE	4.626	56	79645	9.22	UG/L	# 69
43) CARBON TETRACHLORIDE	4.721	117	78546	9.15	UG/L	93
44) 1,1-DICHLOROPROPENE	4.584	75	82417	10.02	UG/L	97
45) BENZENE	4.777	78	234501	9.94	UG/L	100
46) T-AMYL METHYL ETHER	5.022	73	127315	9.27	UG/L	# 93
49) 1,2-DICHLOROETHANE	4.308	62	79130	9.30	UG/L	# 78
50) METHYL METHACRYLATE	5.837	41	34960	8.60	UG/L	# 73
51) TRICHLOROETHENE	5.396	95	66631	9.61	UG/L	97
52) METHYLCYCLOHEXANE	5.839	83	93431	9.94	UG/L	# 82
53) 1,2-DICHLOROPROPANE	5.343	63	55081	8.56	UG/L	# 99
54) DIBROMOMETHANE	5.293	93	39939	9.57	UG/L	86
55) 1,4-DIOXANE	5.614	88	5290m	114.56	UG/L	
56) BROMODICHLOROMETHANE	5.432	83	80547	8.59	UG/L	96
57) 2-CHLOROETHYL VINYLETHER	5.926	63	340472	267.62	UG/L	89
58) MIBK	6.227	43	416691	98.95	UG/L	# 97
59) CIS-1,3-DICHLOROPROPENE	6.068	75	84178	8.08	UG/L	97
60) TOLUENE	6.751	91	266763	9.90	UG/L	100

Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355032.D
 Acq On : 21 Dec 2012 2:22 am
 Operator :
 Sample : 8260STD/BFB 10PPB 1212128
 Misc : 1
 ALS Vial : 32 Sample Multiplier: 1

Inst : GCMSVOA5

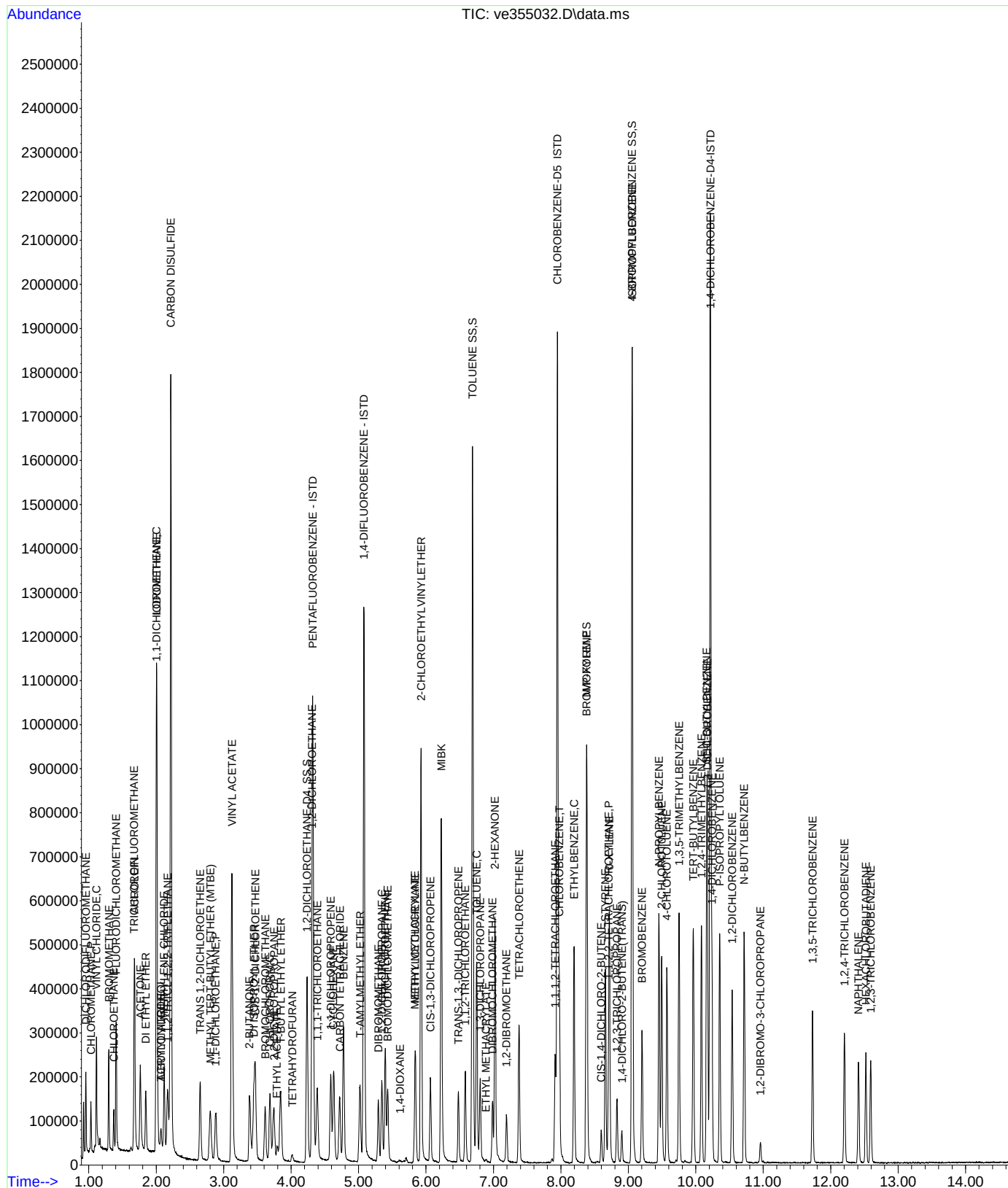
Quant Time: Dec 21 06:58:54 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) TRANS-1,3,-DICHLOROPRO...	6.481	75	67702m	7.75	UG/L	
62) ETHYL METHACRYLATE	6.888	69	1558	0.23	UG/L #	57
63) 1,1,2-TRICHLOROETHANE	6.581	97	52494	9.34	UG/L	98
64) 2-HEXANONE	7.022	43	286902	97.36	UG/L	99
65) TETRACHLOROETHENE	7.382	166	75274	10.20	UG/L	96
66) 1,3-DICHLOROPROPANE	6.801	76	83338	9.60	UG/L	95
67) DIBROMOCHLOROMETHANE	6.986	129	61329	8.43	UG/L	99
68) 1,2-DIBROMOETHANE	7.192	107	57342	9.88	UG/L #	99
71) CHLOROBENZENE	7.975	112	186191	9.90	UG/L	99
72) 1,1,1,2-TETRACHLOROETHANE	7.917	131	54416	8.12	UG/L	96
73) ETHYLBENZENE	8.196	91	299919	9.66	UG/L	96
74) M/P-XYLENES	8.383	91	474480	19.20	UG/L	100
75) O-XYLENE	8.720	91	240525	9.56	UG/L	96
76) STYRENE	8.659	104	178445	9.19	UG/L	99
77) BROMOFORM	8.380	173	36145m	7.52	UG/L	
78) ISOPROPYLBENZENE	9.057	105	319282	9.70	UG/L	97
79) CIS-1,4-DICHLORO-2-BUTENE	8.597	53	12907	6.55	UG/L	96
80) 1,1,2,2-TETRACHLOROETHANE	8.706	83	65464	9.27	UG/L	99
81) 1,4-DICHLORO-2-BUTENE(...	8.904	53	13157m	6.85	UG/L	
82) BROMOBENZENE	9.202	77	100999	8.92	UG/L	97
83) 1,2,3-TRICHLOROPROPANE	8.832	75	49951	9.82	UG/L	95
84) N-PROPYLBENZENE	9.453	91	362117	9.58	UG/L	97
85) 2-CHLOROTOLUENE	9.495	91	198723	9.46	UG/L	98
86) 1,3,5-TRIMETHYLBENZENE	9.752	105	255070	9.60	UG/L	98
87) 4-CHLOROTOLUENE	9.571	91	208510	9.22	UG/L	99
89) TERT-BUTYLBENZENE	9.964	119	224712	9.31	UG/L	96
90) 1,2,4-TRIMETHYLBENZENE	10.084	105	246803	8.96	UG/L	97
91) SEC-BUTYLBENZENE	10.162	105	342801	9.34	UG/L	98
92) 1,3-DICHLOROBENZENE	10.173	146	152535	9.28	UG/L	97
93) P-ISOPROPYLTOLUENE	10.354	119	252095	8.93	UG/L	98
94) 1,4-DICHLOROBENZENE	10.240	146	148336	9.33	UG/L	97
95) N-BUTYLBENZENE	10.717	91	251949	8.93	UG/L	96
96) 1,2-DICHLOROBENZENE	10.541	146	140239	9.25	UG/L	98
97) 1,2-DIBROMO-3-CHLOROPR...	10.957	75	9107m	8.14	UG/L	
98) 1,3,5-TRICHLOROBENZENE	11.732	180	89758	8.67	UG/L	95
99) 1,2,4-TRICHLOROBENZENE	12.203	180	74617	8.82	UG/L	95
100) HEXACHLOROBUTADIENE	12.521	225	39730	8.67	UG/L	96
101) NAPHTHALENE	12.412	128	155651	9.08	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.593	180	59128	9.02	UG/L	97

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

Quant Time: Dec 21 06:58:54 2012
Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Sun Nov 18 11:06:04 2012
Response via : Initial Calibration

Inst : GCMSV0A5



8 - FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Sequence: S003577

Instrument: GCMSVOA2

Calibration: 1300005

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S003577-CCV1)			<i>Lab File ID: VB353036.D</i>			<i>Analyzed: 12/19/12 09:21</i>			
Pentafluorobenzene	157042	3.96	170110	3.962	92	50 - 200	-0.0020	+/-0.50	
1,4-Difluorobenzene	245171	4.68	265617	4.684	92	50 - 200	-0.0040	+/-0.50	
Chlorobenzene-d5	138081	7.52	150876	7.523	92	50 - 200	-0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	121171	9.82	129501	9.818	94	50 - 200	0.0020	+/-0.50	
LCS (B064499-BS1)			<i>Lab File ID: VB353038.D</i>			<i>Analyzed: 12/19/12 10:25</i>			
Pentafluorobenzene	157656	3.96	157042	3.96	100	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	246483	4.68	245171	4.68	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	140930	7.52	138081	7.52	102	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	123421	9.82	121171	9.82	102	50 - 200	0.0000	+/-0.50	
LCS Dup (B064499-BSD1)			<i>Lab File ID: VB353039.D</i>			<i>Analyzed: 12/19/12 10:56</i>			
Pentafluorobenzene	158133	3.96	157042	3.96	101	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	248506	4.68	245171	4.68	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	140275	7.52	138081	7.52	102	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	121231	9.82	121171	9.82	100	50 - 200	0.0000	+/-0.50	
Blank (B064499-BLK1)			<i>Lab File ID: VB353041.D</i>			<i>Analyzed: 12/19/12 11:57</i>			
Pentafluorobenzene	154953	3.96	157042	3.96	99	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	242043	4.68	245171	4.68	99	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	136417	7.52	138081	7.52	99	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	108720	9.82	121171	9.82	90	50 - 200	0.0000	+/-0.50	
FB-3 (12L0458-10)			<i>Lab File ID: VB353049.D</i>			<i>Analyzed: 12/19/12 16:05</i>			
Pentafluorobenzene	161472	3.96	157042	3.96	103	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	253561	4.68	245171	4.68	103	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	140915	7.52	138081	7.52	102	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	115120	9.82	121171	9.82	95	50 - 200	0.0000	+/-0.50	

8 - FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Sequence: S003577

Instrument: GCMSVOA2

Calibration: 1300005

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
TB-4 (12L0458-11)			Lab File ID: VB353050.D			Analyzed: 12/19/12 16:35			
Pentafluorobenzene	158189	3.96	157042	3.96	101	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	247981	4.68	245171	4.68	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	139442	7.52	138081	7.52	101	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	109512	9.82	121171	9.82	90	50 - 200	0.0000	+/-0.50	

8 - FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Sequence: S003711

Instrument: GCMSVOA1

Calibration: 1200210

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S003711-CCV1)			<i>Lab File ID: VA352003.D</i>			<i>Analyzed: 12/17/12 05:43</i>			
Pentafluorobenzene	1002238	3.841	1136137	3.84	88	50 - 200	0.0010	+/-0.50	
1,4-Difluorobenzene	1494296	4.522	1581518	4.522	94	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1395556	7.054	1499333	7.054	93	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	845213	9.01	954864	9.012	89	50 - 200	-0.0020	+/-0.50	
LCS (B064751-BS1)			<i>Lab File ID: VA352005.D</i>			<i>Analyzed: 12/17/12 06:41</i>			
Pentafluorobenzene	1005149	3.842	1002238	3.841	100	50 - 200	0.0010	+/-0.50	
1,4-Difluorobenzene	1481278	4.524	1494296	4.522	99	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	1356225	7.053	1395556	7.054	97	50 - 200	-0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	817240	9.011	845213	9.01	97	50 - 200	0.0010	+/-0.50	
LCS Dup (B064751-BSD1)			<i>Lab File ID: VA352006.D</i>			<i>Analyzed: 12/17/12 07:08</i>			
Pentafluorobenzene	1006418	3.842	1002238	3.841	100	50 - 200	0.0010	+/-0.50	
1,4-Difluorobenzene	1463846	4.524	1494296	4.522	98	50 - 200	0.0020	+/-0.50	
Chlorobenzene-d5	1345064	7.053	1395556	7.054	96	50 - 200	-0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	820834	9.011	845213	9.01	97	50 - 200	0.0010	+/-0.50	
Blank (B064751-BLK1)			<i>Lab File ID: VA352008.D</i>			<i>Analyzed: 12/17/12 08:05</i>			
Pentafluorobenzene	955032	3.843	1002238	3.841	95	50 - 200	0.0020	+/-0.50	
1,4-Difluorobenzene	1409391	4.522	1494296	4.522	94	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1269279	7.053	1395556	7.054	91	50 - 200	-0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	647422	9.012	845213	9.01	77	50 - 200	0.0020	+/-0.50	
B-26 (6-8ft) (12L0458-01)			<i>Lab File ID: VA352019.D</i>			<i>Analyzed: 12/17/12 13:01</i>			
Pentafluorobenzene	842736	3.842	1002238	3.841	84	50 - 200	0.0010	+/-0.50	
1,4-Difluorobenzene	1272530	4.521	1494296	4.522	85	50 - 200	-0.0010	+/-0.50	
Chlorobenzene-d5	1175753	7.052	1395556	7.054	84	50 - 200	-0.0020	+/-0.50	
1,4-Dichlorobenzene-d4	615858	9.011	845213	9.01	73	50 - 200	0.0010	+/-0.50	

8 - FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Sequence: S003711

Instrument: GCMSVOA1

Calibration: 1200210

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
B-27 (3-4ft) (12L0458-02)			<i>Lab File ID: VA352020.D</i>			<i>Analyzed: 12/17/12 13:28</i>			
Pentafluorobenzene	819086	3.84	1002238	3.841	82	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	1241151	4.522	1494296	4.522	83	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1104113	7.053	1395556	7.054	79	50 - 200	-0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	600613	9.012	845213	9.01	71	50 - 200	0.0020	+/-0.50	
B-25 (5-6ft) (12L0458-04)			<i>Lab File ID: VA352022.D</i>			<i>Analyzed: 12/17/12 14:22</i>			
Pentafluorobenzene	884208	3.841	1002238	3.841	88	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1329719	4.52	1494296	4.522	89	50 - 200	-0.0020	+/-0.50	
Chlorobenzene-d5	1216710	7.052	1395556	7.054	87	50 - 200	-0.0020	+/-0.50	
1,4-Dichlorobenzene-d4	671777	9.01	845213	9.01	79	50 - 200	0.0000	+/-0.50	

8 - FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Sequence: S003718

Instrument: GCMSVOA1

Calibration: 1200210

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S003718-CCV1)			<i>Lab File ID: VA353003.D</i>			<i>Analyzed: 12/18/12 05:43</i>			
Pentafluorobenzene	931569	3.842	1136137	3.84	82	50 - 200	0.0020	+/-0.50	
1,4-Difluorobenzene	1363732	4.52	1581518	4.522	86	50 - 200	-0.0020	+/-0.50	
Chlorobenzene-d5	1242328	7.052	1499333	7.054	83	50 - 200	-0.0020	+/-0.50	
1,4-Dichlorobenzene-d4	754595	9.011	954864	9.012	79	50 - 200	-0.0010	+/-0.50	
LCS (B064804-BS1)			<i>Lab File ID: VA353005.D</i>			<i>Analyzed: 12/18/12 06:40</i>			
Pentafluorobenzene	953107	3.84	931569	3.842	102	50 - 200	-0.0020	+/-0.50	
1,4-Difluorobenzene	1354072	4.521	1363732	4.52	99	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	1293681	7.053	1242328	7.052	104	50 - 200	0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	787368	9.009	754595	9.011	104	50 - 200	-0.0020	+/-0.50	
LCS Dup (B064804-BSD1)			<i>Lab File ID: VA353006.D</i>			<i>Analyzed: 12/18/12 07:07</i>			
Pentafluorobenzene	941906	3.842	931569	3.842	101	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1374495	4.521	1363732	4.52	101	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	1245803	7.053	1242328	7.052	100	50 - 200	0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	762444	9.011	754595	9.011	101	50 - 200	0.0000	+/-0.50	
Blank (B064804-BLK1)			<i>Lab File ID: VA353008.D</i>			<i>Analyzed: 12/18/12 08:03</i>			
Pentafluorobenzene	868928	3.842	931569	3.842	93	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1294367	4.521	1363732	4.52	95	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	1164919	7.052	1242328	7.052	94	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	597809	9.011	754595	9.011	79	50 - 200	0.0000	+/-0.50	
B-22 (0-4ft) (12L0458-03)			<i>Lab File ID: VA353009.D</i>			<i>Analyzed: 12/18/12 08:30</i>			
Pentafluorobenzene	819503	3.838	931569	3.842	88	50 - 200	-0.0040	+/-0.50	
1,4-Difluorobenzene	1263457	4.52	1363732	4.52	93	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1104138	7.052	1242328	7.052	89	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	436844	9.01	754595	9.011	58	50 - 200	-0.0010	+/-0.50	

8 - FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Sequence: S003719

Instrument: GCMSVOA5

Calibration: 1200253

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S003719-CCV1)			<i>Lab File ID: ve355032.D</i>			<i>Analyzed: 12/21/12 02:22</i>			
Pentafluorobenzene	611622	4.32	990636	4.314	62	50 - 200	0.0060	+/-0.50	
1,4-Difluorobenzene	905005	5.078	1450457	5.075	62	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	453064	7.948	708757	7.942	64	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	494946	10.218	734780	10.212	67	50 - 200	0.0060	+/-0.50	
LCS (B065019-BS1)			<i>Lab File ID: ve355033.D</i>			<i>Analyzed: 12/21/12 02:48</i>			
Pentafluorobenzene	612644	4.322	611622	4.32	100	50 - 200	0.0020	+/-0.50	
1,4-Difluorobenzene	917142	5.078	905005	5.078	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	449897	7.948	453064	7.948	99	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	502840	10.215	494946	10.218	102	50 - 200	-0.0030	+/-0.50	
LCS Dup (B065019-BSD1)			<i>Lab File ID: ve355034.D</i>			<i>Analyzed: 12/21/12 03:14</i>			
Pentafluorobenzene	603444	4.32	611622	4.32	99	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	898286	5.081	905005	5.078	99	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	438819	7.948	453064	7.948	97	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	491993	10.215	494946	10.218	99	50 - 200	-0.0030	+/-0.50	
Blank (B065019-BLK1)			<i>Lab File ID: ve355037.D</i>			<i>Analyzed: 12/21/12 04:32</i>			
Pentafluorobenzene	574178	4.322	611622	4.32	94	50 - 200	0.0020	+/-0.50	
1,4-Difluorobenzene	860085	5.078	905005	5.078	95	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	425214	7.948	453064	7.948	94	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	453697	10.215	494946	10.218	92	50 - 200	-0.0030	+/-0.50	
Cistern (12L0458-06)			<i>Lab File ID: ve355046.D</i>			<i>Analyzed: 12/21/12 08:27</i>			
Pentafluorobenzene	634599	4.32	611622	4.32	104	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	947107	5.081	905005	5.078	105	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	456366	7.948	453064	7.948	101	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	488285	10.215	494946	10.218	99	50 - 200	-0.0030	+/-0.50	

8 - FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Sequence: S003719

Instrument: GCMSVOA5

Calibration: 1200253

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
CB-2 (12L0458-07)			<i>Lab File ID: ve355047.D</i>		<i>Analyzed: 12/21/12 08:53</i>				
Pentafluorobenzene	604913	4.32	611622	4.32	99	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	890837	5.078	905005	5.078	98	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	436958	7.948	453064	7.948	96	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	464878	10.212	494946	10.218	94	50 - 200	-0.0060	+/-0.50	
CB-1 (12L0458-08)			<i>Lab File ID: ve355048.D</i>		<i>Analyzed: 12/21/12 09:19</i>				
Pentafluorobenzene	604015	4.322	611622	4.32	99	50 - 200	0.0020	+/-0.50	
1,4-Difluorobenzene	897763	5.081	905005	5.078	99	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	440077	7.948	453064	7.948	97	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	472573	10.215	494946	10.218	95	50 - 200	-0.0030	+/-0.50	
B-14 (12L0458-09)			<i>Lab File ID: ve355049.D</i>		<i>Analyzed: 12/21/12 09:45</i>				
Pentafluorobenzene	591710	4.32	611622	4.32	97	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	872990	5.078	905005	5.078	96	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	432627	7.945	453064	7.948	95	50 - 200	-0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	454920	10.215	494946	10.218	92	50 - 200	-0.0030	+/-0.50	

8 - FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Sequence: S003720

Instrument: GCMSVOA5

Calibration: 1200253

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S003720-CCV1)			<i>Lab File ID: ve358003.D</i>			<i>Analyzed: 12/23/12 08:20</i>			
Pentafluorobenzene	639115	4.317	990636	4.314	65	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	939803	5.078	1450457	5.075	65	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	465886	7.947	708757	7.942	66	50 - 200	0.0050	+/-0.50	
1,4-Dichlorobenzene-d4	520065	10.212	734780	10.212	71	50 - 200	0.0000	+/-0.50	
LCS (B065205-BS1)			<i>Lab File ID: ve358005.D</i>			<i>Analyzed: 12/23/12 09:12</i>			
Pentafluorobenzene	614342	4.32	639115	4.317	96	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	902107	5.081	939803	5.078	96	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	453127	7.948	465886	7.947	97	50 - 200	0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	510106	10.215	520065	10.212	98	50 - 200	0.0030	+/-0.50	
LCS Dup (B065205-BSD1)			<i>Lab File ID: ve358006.D</i>			<i>Analyzed: 12/23/12 09:38</i>			
Pentafluorobenzene	607976	4.32	639115	4.317	95	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	911785	5.078	939803	5.078	97	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	458097	7.945	465886	7.947	98	50 - 200	-0.0020	+/-0.50	
1,4-Dichlorobenzene-d4	499006	10.215	520065	10.212	96	50 - 200	0.0030	+/-0.50	
Blank (B065205-BLK1)			<i>Lab File ID: ve358008.D</i>			<i>Analyzed: 12/23/12 10:30</i>			
Pentafluorobenzene	582278	4.32	639115	4.317	91	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	885572	5.078	939803	5.078	94	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	444855	7.945	465886	7.947	95	50 - 200	-0.0020	+/-0.50	
1,4-Dichlorobenzene-d4	462206	10.212	520065	10.212	89	50 - 200	0.0000	+/-0.50	
B-14 (12L0458-09RE1)			<i>Lab File ID: ve358012.D</i>			<i>Analyzed: 12/23/12 12:14</i>			
Pentafluorobenzene	569207	4.32	639115	4.317	89	50 - 200	0.0030	+/-0.50	
1,4-Difluorobenzene	877023	5.078	939803	5.078	93	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	436481	7.945	465886	7.947	94	50 - 200	-0.0020	+/-0.50	
1,4-Dichlorobenzene-d4	457629	10.215	520065	10.212	88	50 - 200	0.0030	+/-0.50	

8 - FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Sequence: S003721

Instrument: GCMSVOA5

Calibration: 1200253

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S003721-CCV1)			<i>Lab File ID: ve354036.D</i>			<i>Analyzed: 12/19/12 23:41</i>			
Pentafluorobenzene	583205	4.322	990636	4.314	59	50 - 200	0.0080	+/-0.50	
1,4-Difluorobenzene	882589	5.078	1450457	5.075	61	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	433835	7.948	708757	7.942	61	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	468508	10.215	734780	10.212	64	50 - 200	0.0030	+/-0.50	
LCS (B065223-BS1)			<i>Lab File ID: ve354038.D</i>			<i>Analyzed: 12/20/12 00:33</i>			
Pentafluorobenzene	596474	4.317	583205	4.322	102	50 - 200	-0.0050	+/-0.50	
1,4-Difluorobenzene	909019	5.078	882589	5.078	103	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	450629	7.948	433835	7.948	104	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	481391	10.215	468508	10.215	103	50 - 200	0.0000	+/-0.50	
LCS Dup (B065223-BSD1)			<i>Lab File ID: ve354039.D</i>			<i>Analyzed: 12/20/12 00:59</i>			
Pentafluorobenzene	584259	4.32	583205	4.322	100	50 - 200	-0.0020	+/-0.50	
1,4-Difluorobenzene	906107	5.078	882589	5.078	103	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	453649	7.948	433835	7.948	105	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	480865	10.215	468508	10.215	103	50 - 200	0.0000	+/-0.50	
Blank (B065223-BLK1)			<i>Lab File ID: ve354041.D</i>			<i>Analyzed: 12/20/12 01:51</i>			
Pentafluorobenzene	544291	4.32	583205	4.322	93	50 - 200	-0.0020	+/-0.50	
1,4-Difluorobenzene	856614	5.078	882589	5.078	97	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	431309	7.948	433835	7.948	99	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	427747	10.215	468508	10.215	91	50 - 200	0.0000	+/-0.50	
Cistern (12L0458-06RE1)			<i>Lab File ID: ve354042.D</i>			<i>Analyzed: 12/20/12 02:17</i>			
Pentafluorobenzene	547866	4.322	583205	4.322	94	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	867938	5.081	882589	5.078	98	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	438064	7.948	433835	7.948	101	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	451531	10.215	468508	10.215	96	50 - 200	0.0000	+/-0.50	

8 - FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Sequence: S003722

Instrument: GCMSVOA5

Calibration: 1300013

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S003722-CCV1)			<i>Lab File ID: ve355032.D</i>			<i>Analyzed: 12/21/12 02:22</i>			
Pentafluorobenzene	611622	4.32	990636	4.314	62	50 - 200	0.0060	+/-0.50	
1,4-Difluorobenzene	905005	5.078	1450457	5.075	62	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	453064	7.948	708757	7.942	64	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	494946	10.218	734780	10.212	67	50 - 200	0.0060	+/-0.50	
LCS (B065048-BS1)			<i>Lab File ID: ve355033.D</i>			<i>Analyzed: 12/21/12 02:48</i>			
Pentafluorobenzene	612644	4.322	611622	4.32	100	50 - 200	0.0020	+/-0.50	
1,4-Difluorobenzene	917142	5.078	905005	5.078	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	449897	7.948	453064	7.948	99	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	502840	10.215	494946	10.218	102	50 - 200	-0.0030	+/-0.50	
LCS Dup (B065048-BSD1)			<i>Lab File ID: ve355034.D</i>			<i>Analyzed: 12/21/12 03:14</i>			
Pentafluorobenzene	603444	4.32	611622	4.32	99	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	898286	5.081	905005	5.078	99	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	438819	7.948	453064	7.948	97	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	491993	10.215	494946	10.218	99	50 - 200	-0.0030	+/-0.50	
Blank (B065048-BLK1)			<i>Lab File ID: ve355038.D</i>			<i>Analyzed: 12/21/12 04:58</i>			
Pentafluorobenzene	591484	4.319	611622	4.32	97	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	890004	5.078	905005	5.078	98	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	439915	7.948	453064	7.948	97	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	469481	10.215	494946	10.218	95	50 - 200	-0.0030	+/-0.50	
B-27 (3-4ft) (12L0458-02)			<i>Lab File ID: ve355059.D</i>			<i>Analyzed: 12/21/12 14:06</i>			
Pentafluorobenzene	599779	4.322	611622	4.32	98	50 - 200	0.0020	+/-0.50	
1,4-Difluorobenzene	896029	5.081	905005	5.078	99	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	442921	7.948	453064	7.948	98	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	485364	10.215	494946	10.218	98	50 - 200	-0.0030	+/-0.50	

8 - FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Sequence: S003723

Instrument: GCMSVOA5

Calibration: 1200253

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S003723-CCV1)			<i>Lab File ID: ve355032.D</i>			<i>Analyzed: 12/21/12 02:22</i>			
Pentafluorobenzene	611622	4.32	990636	4.314	62	50 - 200	0.0060	+/-0.50	
1,4-Difluorobenzene	905005	5.078	1450457	5.075	62	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	453064	7.948	708757	7.942	64	50 - 200	0.0060	+/-0.50	
1,4-Dichlorobenzene-d4	494946	10.218	734780	10.212	67	50 - 200	0.0060	+/-0.50	
LCS (B065047-BS1)			<i>Lab File ID: ve355033.D</i>			<i>Analyzed: 12/21/12 02:48</i>			
Pentafluorobenzene	612644	4.322	611622	4.32	100	50 - 200	0.0020	+/-0.50	
1,4-Difluorobenzene	917142	5.078	905005	5.078	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	449897	7.948	453064	7.948	99	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	502840	10.215	494946	10.218	102	50 - 200	-0.0030	+/-0.50	
LCS Dup (B065047-BSD1)			<i>Lab File ID: ve355034.D</i>			<i>Analyzed: 12/21/12 03:14</i>			
Pentafluorobenzene	603444	4.32	611622	4.32	99	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	898286	5.081	905005	5.078	99	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	438819	7.948	453064	7.948	97	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	491993	10.215	494946	10.218	99	50 - 200	-0.0030	+/-0.50	
Blank (B065047-BLK1)			<i>Lab File ID: ve355038.D</i>			<i>Analyzed: 12/21/12 04:58</i>			
Pentafluorobenzene	591484	4.319	611622	4.32	97	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	890004	5.078	905005	5.078	98	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	439915	7.948	453064	7.948	97	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	469481	10.215	494946	10.218	95	50 - 200	-0.0030	+/-0.50	
Cistern (12L0458-05)			<i>Lab File ID: ve355058.D</i>			<i>Analyzed: 12/21/12 13:40</i>			
Pentafluorobenzene	575525	4.319	611622	4.32	94	50 - 200	-0.0010	+/-0.50	
1,4-Difluorobenzene	860318	5.081	905005	5.078	95	50 - 200	0.0030	+/-0.50	
Chlorobenzene-d5	422786	7.948	453064	7.948	93	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	465997	10.215	494946	10.218	94	50 - 200	-0.0030	+/-0.50	

VOLATILES QC DATA

1 - FORM I

ANALYSIS DATA SHEET

Blank

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Water Laboratory ID: B064499-BLK1 File ID: VB353041.D
 Sampled: Prepared: 12/19/12 07:14 Analyzed: 12/19/12 11:57
 Solids: Preparation: SW-846 5030B Dilution:
 Batch: B064499 Sequence: S003577 Calibration: 1300005 Instrument: GCMSVOA2
 Column: 1

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	R-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	1.0	
75-25-2	Bromoform		0.25	1.0	
74-83-9	Bromomethane		0.38	2.0	
78-93-3	2-Butanone (MEK)		0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)		3.5	20	R-05, V-16
104-51-8	n-Butylbenzene		0.050	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
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	2.0	
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	
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	

1 - FORM I

ANALYSIS DATA SHEET

Blank

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Water Laboratory ID: B064499-BLK1 File ID: VB353041.D
 Sampled: Prepared: 12/19/12 07:14 Analyzed: 12/19/12 11:57
 Solids: Preparation: SW-846 5030B Dilution:
 Batch: B064499 Sequence: S003577 Calibration: 1300005 Instrument: GCMSVOA2
 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	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.040	2.0	L-04
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	V-05
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	V-05
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	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	

1 - FORM I

ANALYSIS DATA SHEET

Blank

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Water Laboratory ID: B064499-BLK1 File ID: VB353041.D
 Sampled: Prepared: 12/19/12 07:14 Analyzed: 12/19/12 11:57
 Solids: Preparation: SW-846 5030B Dilution:
 Batch: B064499 Sequence: S003577 Calibration: 1300005 Instrument: GCMSVOA2
 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	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
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	2.0	
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	5.0	
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 113)		0.11	1.0	
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	
	No TICs Found	0.0			

Data File : W:\DATA\121812\VB353041.D
 Acq On : 19 Dec 2012 11:57 am
 Sample : B0-BLK1
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 19 12:23:51 2012

Vial: 41
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\B1217W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Wed Dec 19 09:20:52 2012
 Response via : Initial Calibration
 DataAcq Meth:B1206W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.962	168	154953	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.682	114	242043	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.523	82	136417	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.818	152	108720	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.230	65	79479	25.02	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	100.08%	
43) TOLUENE-D8 SS	6.123	98	252598	24.54	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	98.16%	
64) 4-BROMOFLUROBENZENE SS	8.683	95	96833	24.20	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	96.80%	
Target Compounds						
14) ACETONE	1.927	43	3225	4.798	UG/L	# 82
21) METHYLENE CHLORIDE	2.228	49	15218	4.314	UG/L	91

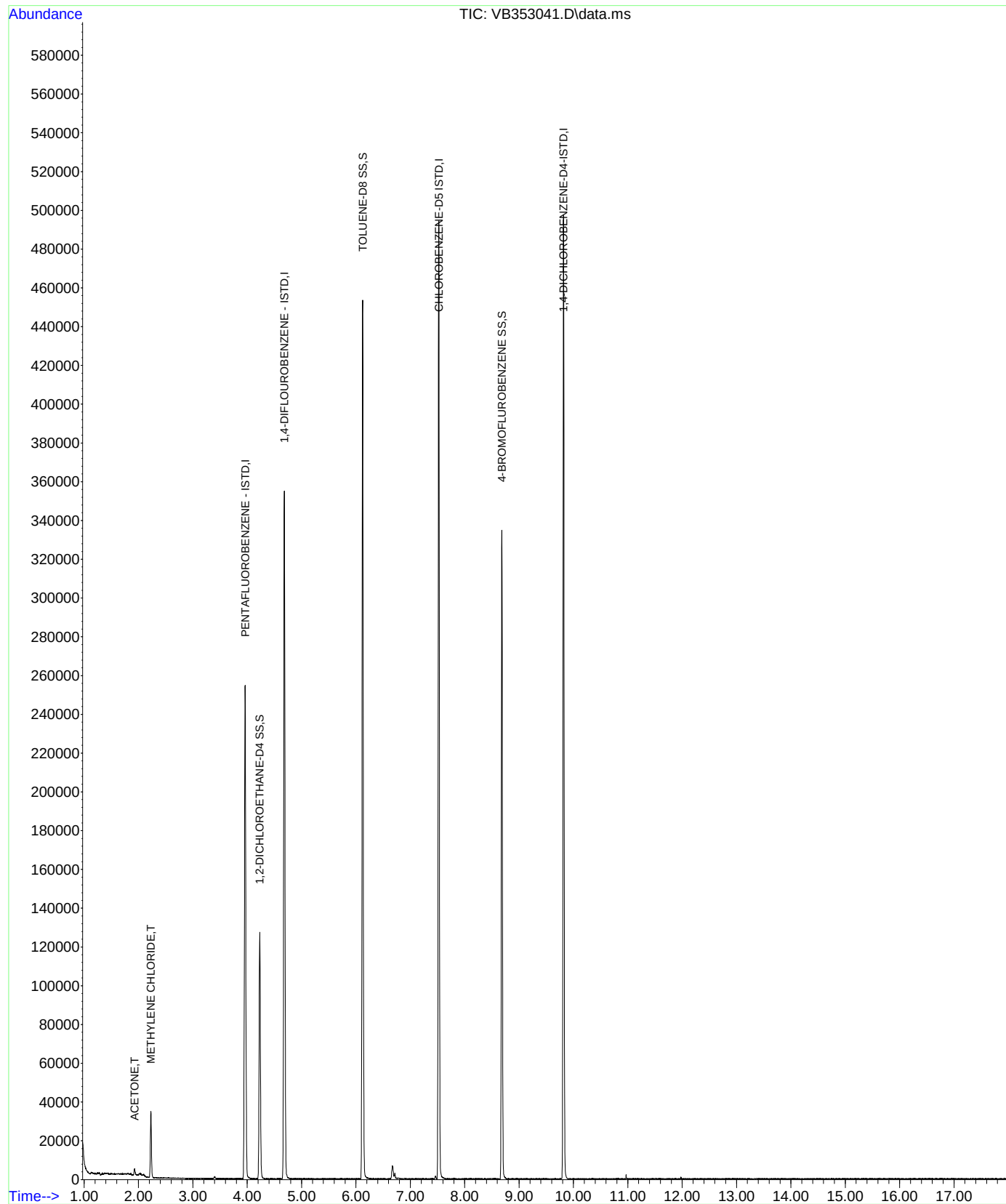
(#) = qualifier out of range (m) = manual integration (+) = signals summed

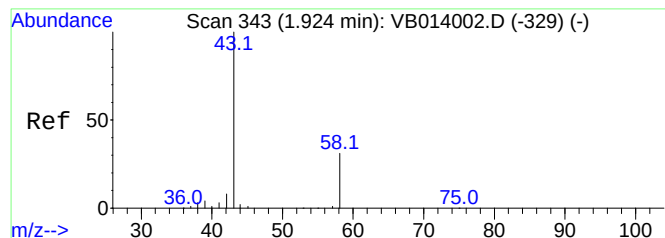
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Acq On : 19 Dec 2012 11:57 am
Sample : B0-BLK1
InstName : GCMSV0A2
Misc :
Quant Time: Dec 19 12:23:51 2012

Vial: 41
Operator:
Inst : GCMSV0A2
Multiplr: 1.00

649

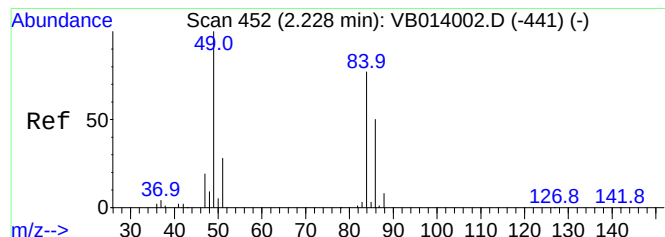
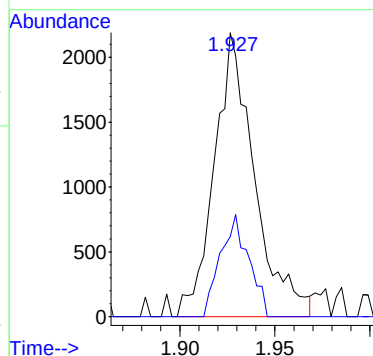
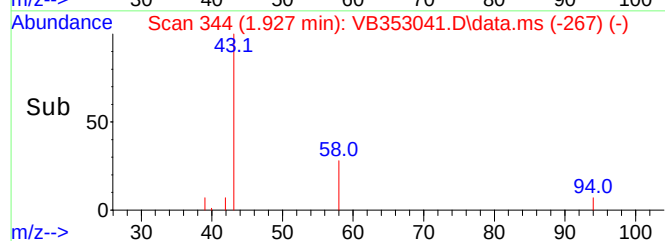
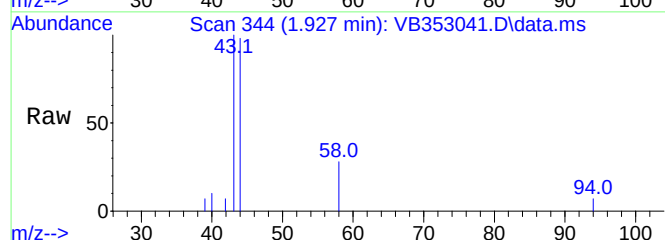
Quant Method : C:\MSDCHEM\1\METHODS\B1217W12.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Wed Dec 19 09:20:52 2012
Response via : Initial Calibration
DataAcq Meth:B1206W12.M





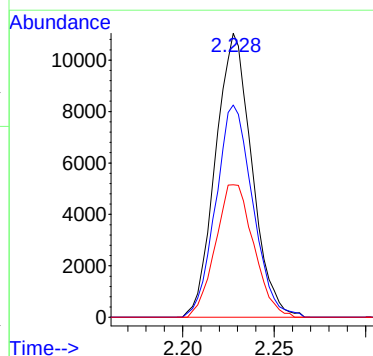
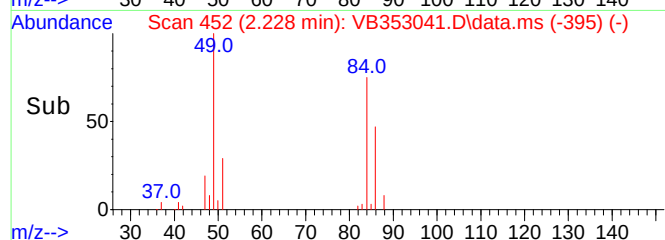
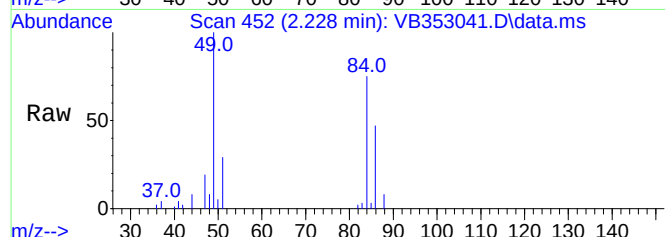
#14
ACETONE
Concen: 4.80 UG/L
RT: 1.927 min Scan# 344
Delta R.T. 0.003 min
Lab File: VB353041.D
Acq: 19 Dec 2012 11:57 am

Tgt Ion: 43 Resp: 3225
Ion Ratio Lower Upper
43 100
58 25.2 28.6 42.8#



#21
METHYLENE CHLORIDE
Concen: 4.31 UG/L
RT: 2.228 min Scan# 452
Delta R.T. 0.000 min
Lab File: VB353041.D
Acq: 19 Dec 2012 11:57 am

Tgt Ion: 49 Resp: 15218
Ion Ratio Lower Upper
49 100
84 76.3 68.4 102.6
86 49.2 43.8 65.8



1 - FORM I

ANALYSIS DATA SHEET

LCS

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Water Laboratory ID: B064499-BS1 File ID: VB353038.D
 Sampled: Prepared: 12/19/12 07:14 Analyzed: 12/19/12 10:25
 Solids: Preparation: SW-846 5030B Dilution:
 Batch: B064499 Sequence: S003577 Calibration: 1300005 Instrument: GCMSVOA2
 Column: 1

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	104	0.54	50	R-05
107-13-1	Acrylonitrile	11.6	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.7	0.11	0.50	
71-43-2	Benzene	10.7	0.050	1.0	
108-86-1	Bromobenzene	10.8	0.10	1.0	
74-97-5	Bromochloromethane	11.3	0.10	1.0	
75-27-4	Bromodichloromethane	9.90	0.080	1.0	
75-25-2	Bromoform	8.57	0.25	1.0	
74-83-9	Bromomethane	5.98	0.38	2.0	
78-93-3	2-Butanone (MEK)	104	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	112	3.5	20	R-05, V-16
104-51-8	n-Butylbenzene	10.1	0.050	1.0	
135-98-8	sec-Butylbenzene	10.4	0.050	1.0	
98-06-6	tert-Butylbenzene	10.4	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	11.1	0.070	0.50	
75-15-0	Carbon Disulfide	9.21	0.050	2.0	
56-23-5	Carbon Tetrachloride	9.32	0.090	5.0	
108-90-7	Chlorobenzene	10.6	0.050	1.0	
124-48-1	Chlorodibromomethane	8.18	0.12	0.50	
75-00-3	Chloroethane	10.8	0.33	2.0	
67-66-3	Chloroform	10.5	0.040	2.0	
74-87-3	Chloromethane	7.63	0.13	2.0	
95-49-8	2-Chlorotoluene	10.4	0.050	1.0	
106-43-4	4-Chlorotoluene	10.8	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	9.76	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	10.9	0.14	0.50	

1 - FORM I

ANALYSIS DATA SHEET

LCS

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Water Laboratory ID: B064499-BS1 File ID: VB353038.D
 Sampled: Prepared: 12/19/12 07:14 Analyzed: 12/19/12 10:25
 Solids: Preparation: SW-846 5030B Dilution:
 Batch: B064499 Sequence: S003577 Calibration: 1300005 Instrument: GCMSVOA2
 Column: 1

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	11.2	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	10.7	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.3	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.8	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	8.81	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	3.81	0.040	2.0	L-04
75-34-3	1,1-Dichloroethane	11.0	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.8	0.090	1.0	
75-35-4	1,1-Dichloroethylene	11.0	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	10.1	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.0	0.070	1.0	
78-87-5	1,2-Dichloropropane	10.7	0.20	1.0	
142-28-9	1,3-Dichloropropane	10.8	0.080	0.50	
594-20-7	2,2-Dichloropropane	5.92	0.13	1.0	V-05
563-58-6	1,1-Dichloropropene	10.6	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	7.54	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	7.68	0.12	0.50	V-05
60-29-7	Diethyl Ether	12.1	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	12.5	0.030	0.50	
123-91-1	1,4-Dioxane	113	3.5	50	V-16
100-41-4	Ethylbenzene	10.8	0.050	1.0	
87-68-3	Hexachlorobutadiene	10.6	0.26	0.50	
591-78-6	2-Hexanone (MBK)	113	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	10.6	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	11.1	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	11.2	0.050	1.0	

1 - FORM I

ANALYSIS DATA SHEET

LCS

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
Client: CDM Smith, Inc. - NY Project: Doro Cleaners
Matrix: Water Laboratory ID: B064499-BS1 File ID: VB353038.D
Sampled: Prepared: 12/19/12 07:14 Analyzed: 12/19/12 10:25
Solids: Preparation: SW-846 5030B Dilution:
Batch: B064499 Sequence: S003577 Calibration: 1300005 Instrument: GCMSVOA2
Column: 1

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	12.9	2.3	5.0	V-20
108-10-1	4-Methyl-2-pentanone (MIBK)	113	0.22	10	
91-20-3	Naphthalene	10.7	0.21	2.0	
103-65-1	n-Propylbenzene	10.5	0.040	1.0	
100-42-5	Styrene	10.2	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	9.37	0.080	2.0	
79-34-5	1,1,2,2-Tetrachloroethane	10.8	0.18	0.50	
127-18-4	Tetrachloroethylene	10.8	0.14	1.0	
109-99-9	Tetrahydrofuran	11.8	1.0	10	
108-88-3	Toluene	10.7	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	10.7	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	10.2	0.11	5.0	
108-70-3	1,3,5-Trichlorobenzene	11.0	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	10.1	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	11.0	0.080	1.0	
79-01-6	Trichloroethylene	10.5	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	9.94	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	11.4	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	10.8	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	10.8	0.060	1.0	
75-01-4	Vinyl Chloride	7.87	0.16	2.0	
108383/106423	m+p Xylene	22.0	0.070	2.0	
95-47-6	o-Xylene	10.7	0.050	1.0	

Data File : W:\DATA\121812\VB353038.D
 Acq On : 19 Dec 2012 10:25 am
 Sample : B064961-BS1
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 19 10:43:24 2012

Vial: 38
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

654

Quant Method : C:\MSDCHEM\1\METHODS\B1217W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Wed Dec 19 09:20:52 2012
 Response via : Initial Calibration
 DataAcq Meth:B1206W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.962	168	157656	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.682	114	246483	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.523	82	140930	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.818	152	123421	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.230	65	80741	24.99	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	99.96%	
43) TOLUENE-D8 SS	6.123	98	261800	24.97	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	99.88%	
64) 4-BROMOFLUROBENZENE SS	8.683	95	103919	25.14	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	100.56%	
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	1.034	85	11107	3.814	UG/L	99
4) DIFLUOROCHLOROMETHANE	1.043	51	23987	7.903	UG/L	99
5) CHLOROMETHANE	1.137	50	23427	7.635	UG/L	98
6) VINYL CHLORIDE	1.190	62	23474	7.867	UG/L	99
7) BROMOMETHANE	1.374	94	10057	5.978	UG/L	91
8) CHLOROETHANE	1.430	64	15289	10.800	UG/L	100
9) FLUORODICHLOROMETHANE	1.536	67	43859	10.736	UG/L	98
10) TRICHLOROFLUOROMETHANE	1.575	101	29277	9.945	UG/L	100
11) ETHANOL	1.743	45	15732	681.069	UG/L	# 55
12) DI ETHYL ETHER	1.745	59	22672	12.067	UG/L	98
13) ACROLEIN	1.826	56	29129	74.717	UG/L	# 100
14) ACETONE	1.927	43	70993	103.807	UG/L	99
15) 1,1-DICHLOROETHENE	1.893	61	33239	10.974	UG/L	97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.890	101	17624	11.362	UG/L	96
17) IODOMETHANE	1.996	142	36960	13.205	UG/L	99
18) METHYL ACETATE	2.155	43	32537	12.615	UG/L	99
19) T-BUTYL ALCOHOL	2.320	59	24603	112.005	UG/L	# 89
20) ACRYLONITRILE	2.426	53	10477	11.591	UG/L	97
21) METHYLENE CHLORIDE	2.231	49	46279	12.894	UG/L	97
22) CARBON DISULFIDE	2.044	76	56986	9.213	UG/L	94
23) METHYL TERT-BUTYL ETHE...	2.451	73	75837	11.192	UG/L	99
24) TRANS 1,2-DICHLOROETHENE	2.445	61	34710	10.008	UG/L	96
25) 1,1-DICHLOROETHANE	2.819	63	46406	10.980	UG/L	99
26) VINYL ACETATE	2.880	43	530463	104.506	UG/L	# 90
27) DI ISOPROPYL ETHER	2.900	45	92367	12.499	UG/L	# 87
28) 2-BUTANONE	3.438	43	124605	104.157	UG/L	95
29) T-BUTYL ETHYL ETHER	3.273	59	80116	11.098	UG/L	99
30) CIS-1,2-DICHLOROETHENE	3.407	61	40796	10.090	UG/L	98
31) 2,2-DICHLOROPROPANE	3.402	77	17742	5.917	UG/L	99
32) ETHYL ACETATE	3.511	43	25195	9.233	UG/L	97
33) BROMOCHLOROMETHANE	3.647	128	12283	11.263	UG/L	96
34) TETRAHYDROFURAN	3.706	42	8227	11.797	UG/L	# 70
35) CHLOROFORM	3.739	83	46160	10.480	UG/L	100
36) 1,1,1-TRICHLOROETHANE	3.912	97	33985	10.142	UG/L	96
37) CYCLOHEXANE	3.959	56	37044	10.878	UG/L	97
38) CARBON TETRACHLORIDE	4.071	117	24567	9.322	UG/L	100
39) 1,1-DICHLOROPROPENE	4.077	75	35737	10.621	UG/L	97
40) BENZENE	4.280	78	109430	10.663	UG/L	98
41) T-AMYL METHYL ETHER	4.417	73	71047	10.696	UG/L	# 92
44) 1,2-DICHLOROETHANE	4.305	62	40010	10.839	UG/L	99
45) TRICHLOROETHENE	4.924	95	25729	10.489	UG/L	98
46) METHYLCYCLOHEXANE	5.106	83	27577	11.286	UG/L	98
47) 1,2-DICHLOROPROPANE	5.147	63	26906	10.714	UG/L	95
48) DIBROMOMETHANE	5.256	93	16946	11.162	UG/L	96
49) 1,4-DIOXANE	5.306	88	2875	112.710	UG/L	# 79
50) BROMODICHLOROMETHANE	5.426	83	28511	9.901	UG/L	99
52) MIBK	6.043	43	274231	113.069	UG/L	# 90
53) CIS-1,3-DICHLOROPROPENE	5.872	75	32265	7.542	UG/L	97
54) TOLUENE	6.188	91	115865	10.704	UG/L	97

Data File : W:\DATA\121812\VB353038.D
 Acq On : 19 Dec 2012 10:25 am
 Sample : B064961-BS1
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 19 10:43:24 2012

Vial: 38
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

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Quant Method : C:\MSDCHEM\1\METHODS\B1217W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Wed Dec 19 09:20:52 2012
 Response via : Initial Calibration
 DataAcq Meth:B1206W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) TRANS-1,3,-DICHLOROPRO...	6.425	75	26497	7.680	UG/L	95
56) ETHYL METHACRYLATE	6.539	41	22713	4.832	UG/L	91
57) 1,1,2-TRICHLOROETHANE	6.595	97	24238	10.965	UG/L	99
58) 2-HEXANONE	6.862	43	188216	112.967	UG/L #	90
59) TETRACHLOROETHENE	6.712	164	19525	10.777	UG/L	99
60) 1,3-DICHLOROPROPANE	6.754	76	44568	10.825	UG/L	97
61) DIBROMOCHLOROMETHANE	6.966	129	18420	8.180	UG/L	98
62) 1,2-DIBROMOETHANE	7.063	107	24481	10.885	UG/L	98
65) CHLOROBENZENE	7.551	112	73926	10.568	UG/L	98
66) 1,1,1,2-TETRACHLOROETHANE	7.640	131	20185	9.373	UG/L	98
67) ETHYLBENZENE	7.674	91	123329	10.790	UG/L	96
68) M/P-XYLENES	7.791	91	197711	21.956	UG/L	95
69) O-XYLENE	8.176	91	101931	10.679	UG/L	98
70) STYRENE	8.193	104	79038	10.189	UG/L	98
71) BROMOFORM	8.354	173	10092	8.573	UG/L	98
72) ISOPROPYLBENZENE	8.544	105	106752	10.642	UG/L	98
73) CIS-1,4-DICHLORO-2-BUTENE	8.622	53	5932	6.658	UG/L #	55
74) 1,1,2,2-TETRACHLOROETHANE	8.851	83	32556	10.803	UG/L	100
75) 1,4-DICHLORO-2-BUTENE(...	8.912	53	5961	8.809	UG/L #	73
76) BROMOBENZENE	8.817	77	51203	10.775	UG/L	95
77) 1,2,3-TRICHLOROPROPANE	8.881	110	9901	11.415	UG/L	82
78) N-PROPYLBENZENE	8.948	91	119703	10.491	UG/L	97
79) 2-CHLOROTOLUENE	9.015	91	84111	10.370	UG/L	97
80) 1,3,5-TRIMETHYLBENZENE	9.132	105	90549	10.813	UG/L	97
81) 4-CHLOROTOLUENE	9.127	91	99107	10.768	UG/L	97
83) TERT-BUTYLBENZENE	9.445	119	67171	10.433	UG/L	100
84) 1,2,4-TRIMETHYLBENZENE	9.492	105	93602	10.816	UG/L	97
85) SEC-BUTYLBENZENE	9.662	105	91663	10.374	UG/L	98
86) 1,3-DICHLOROBENZENE	9.751	146	53077	10.313	UG/L	100
87) P-ISOPROPYLTOLUENE	9.816	119	76376	11.104	UG/L	99
88) 1,4-DICHLOROBENZENE	9.841	146	56642	10.810	UG/L	98
89) N-BUTYLBENZENE	10.217	91	64566	10.105	UG/L	97
90) 1,2-DICHLOROBENZENE	10.203	146	53028	10.678	UG/L	99
91) 1,2-DIBROMO-3-CHLOROPR...	10.976	75	2743	9.760	UG/L	95
92) 1,3,5-TRICHLOROBENZENE	11.188	180	26590	10.960	UG/L	99
93) 1,2,4-TRICHLOROBENZENE	11.793	180	15268	10.165	UG/L	99
94) HEXACHLOROBUTADIENE	11.980	225	11535	10.578	UG/L	99
95) NAPHTHALENE	12.033	128	26055	10.678	UG/L	98
96) 1,2,3-TRICHLOROBENZENE	12.272	180	9492	10.685	UG/L	99

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

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Page: 3

1 - FORM I

ANALYSIS DATA SHEET

LCS Dup

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Water Laboratory ID: B064499-BSD1 File ID: VB353039.D
 Sampled: Prepared: 12/19/12 07:14 Analyzed: 12/19/12 10:56
 Solids: Preparation: SW-846 5030B Dilution:
 Batch: B064499 Sequence: S003577 Calibration: 1300005 Instrument: GCMSVOA2
 Column: 1

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	78.6	0.54	50	R-05
107-13-1	Acrylonitrile	10.7	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.3	0.11	0.50	
71-43-2	Benzene	10.4	0.050	1.0	
108-86-1	Bromobenzene	10.6	0.10	1.0	
74-97-5	Bromochloromethane	10.9	0.10	1.0	
75-27-4	Bromodichloromethane	9.88	0.080	1.0	
75-25-2	Bromoform	8.36	0.25	1.0	
74-83-9	Bromomethane	6.44	0.38	2.0	
78-93-3	2-Butanone (MEK)	91.2	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	79.4	3.5	20	R-05, V-16
104-51-8	n-Butylbenzene	9.86	0.050	1.0	
135-98-8	sec-Butylbenzene	10.3	0.050	1.0	
98-06-6	tert-Butylbenzene	10.4	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	10.8	0.070	0.50	
75-15-0	Carbon Disulfide	7.44	0.050	2.0	
56-23-5	Carbon Tetrachloride	9.30	0.090	5.0	
108-90-7	Chlorobenzene	10.4	0.050	1.0	
124-48-1	Chlorodibromomethane	7.95	0.12	0.50	
75-00-3	Chloroethane	9.25	0.33	2.0	
67-66-3	Chloroform	10.3	0.040	2.0	
74-87-3	Chloromethane	7.25	0.13	2.0	
95-49-8	2-Chlorotoluene	10.2	0.050	1.0	
106-43-4	4-Chlorotoluene	10.6	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	8.89	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	10.3	0.14	0.50	

1 - FORM I

ANALYSIS DATA SHEET

LCS Dup

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Water Laboratory ID: B064499-BSD1 File ID: VB353039.D
 Sampled: Prepared: 12/19/12 07:14 Analyzed: 12/19/12 10:56
 Solids: Preparation: SW-846 5030B Dilution:
 Batch: B064499 Sequence: S003577 Calibration: 1300005 Instrument: GCMSVOA2
 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	10.4	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	10.3	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.5	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	8.23	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	3.67	0.040	2.0	L-04
75-34-3	1,1-Dichloroethane	10.8	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.5	0.090	1.0	
75-35-4	1,1-Dichloroethylene	9.45	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	9.92	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.5	0.070	1.0	
78-87-5	1,2-Dichloropropane	10.4	0.20	1.0	
142-28-9	1,3-Dichloropropane	10.5	0.080	0.50	
594-20-7	2,2-Dichloropropane	5.81	0.13	1.0	V-05
563-58-6	1,1-Dichloropropene	10.3	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	7.43	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	7.64	0.12	0.50	V-05
60-29-7	Diethyl Ether	9.76	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	12.2	0.030	0.50	
123-91-1	1,4-Dioxane	97.8	3.5	50	V-16
100-41-4	Ethylbenzene	10.8	0.050	1.0	
87-68-3	Hexachlorobutadiene	10.2	0.26	0.50	
591-78-6	2-Hexanone (MBK)	97.9	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	10.5	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	11.1	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	10.8	0.050	1.0	

1 - FORM I

ANALYSIS DATA SHEET

LCS Dup

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Water Laboratory ID: B064499-BSD1 File ID: VB353039.D
 Sampled: Prepared: 12/19/12 07:14 Analyzed: 12/19/12 10:56
 Solids: Preparation: SW-846 5030B Dilution:
 Batch: B064499 Sequence: S003577 Calibration: 1300005 Instrument: GCMSVOA2
 Column: 1

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	13.7	2.3	5.0	V-20, L-07
108-10-1	4-Methyl-2-pentanone (MIBK)	101	0.22	10	
91-20-3	Naphthalene	8.71	0.21	2.0	
103-65-1	n-Propylbenzene	10.3	0.040	1.0	
100-42-5	Styrene	10.2	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	9.28	0.080	2.0	
79-34-5	1,1,2,2-Tetrachloroethane	9.89	0.18	0.50	
127-18-4	Tetrachloroethylene	10.4	0.14	1.0	
109-99-9	Tetrahydrofuran	10.4	1.0	10	
108-88-3	Toluene	10.5	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	8.43	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	8.75	0.11	5.0	
108-70-3	1,3,5-Trichlorobenzene	10.2	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	10.1	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	10.5	0.080	1.0	
79-01-6	Trichloroethylene	10.2	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	8.92	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 113)	10.0	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	10.7	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	10.7	0.060	1.0	
75-01-4	Vinyl Chloride	7.05	0.16	2.0	
108383/106423	m+p Xylene	21.7	0.070	2.0	
95-47-6	o-Xylene	10.6	0.050	1.0	

Data File : W:\DATA\121812\VB353039.D
 Acq On : 19 Dec 2012 10:56 am
 Sample : B064961-BSD1
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 19 12:22:24 2012

Vial: 39
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

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Quant Method : C:\MSDCHEM\1\METHODS\B1217W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Wed Dec 19 09:20:52 2012
 Response via : Initial Calibration
 DataAcq Meth:B1206W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.959	168	158133	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.682	114	248506	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.523	82	140275	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.818	152	121231	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	80030	24.69	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	98.76%	
43) TOLUENE-D8 SS	6.123	98	263886	24.97	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	99.88%	
64) 4-BROMOFLUROBENZENE SS	8.683	95	103096	25.06	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	100.24%	
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	10710	3.667	UG/L	100
4) DIFLUOROCHLOROMETHANE	1.040	51	23135	7.600	UG/L	99
5) CHLOROMETHANE	1.135	50	22324	7.253	UG/L	99
6) VINYL CHLORIDE	1.190	62	21100	7.050	UG/L	100
7) BROMOMETHANE	1.372	94	10797	6.436	UG/L	93
8) CHLOROETHANE	1.427	64	13137	9.252	UG/L	98
9) FLUORODICHLOROMETHANE	1.536	67	38502	9.396	UG/L	99
10) TRICHLOROFLUOROMETHANE	1.570	101	26339	8.920	UG/L	99
11) ETHANOL	1.742	45	12685	547.502	UG/L	# 53
12) DI ETHYL ETHER	1.742	59	18395	9.761	UG/L	99
13) ACROLEIN	1.826	56	21924	56.067	UG/L	# 100
14) ACETONE	1.927	43	53949	78.647	UG/L	98
15) 1,1-DICHLOROETHENE	1.890	61	28723	9.454	UG/L	97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.888	101	15640	10.053	UG/L	96
17) IODOMETHANE	1.993	142	30781	10.964	UG/L	96
18) METHYL ACETATE	2.155	43	33111	12.799	UG/L	94
19) T-BUTYL ALCOHOL	2.328	59	17489	79.378	UG/L	# 79
20) ACRYLONITRILE	2.426	53	9732	10.735	UG/L	98
21) METHYLENE CHLORIDE	2.228	49	49418	13.727	UG/L	92
22) CARBON DISULFIDE	2.041	76	46144	7.438	UG/L	95
23) METHYL TERT-BUTYL ETHE...	2.451	73	73418	10.802	UG/L	98
24) TRANS 1,2-DICHLOROETHENE	2.445	61	36500	10.493	UG/L	93
25) 1,1-DICHLOROETHANE	2.819	63	45923	10.833	UG/L	99
26) VINYL ACETATE	2.877	43	498131	97.841	UG/L	# 90
27) DI ISOPROPYL ETHER	2.894	45	90821	12.252	UG/L	# 87
28) 2-BUTANONE	3.435	43	109421	91.189	UG/L	95
29) T-BUTYL ETHYL ETHER	3.271	59	78472	10.837	UG/L	98
30) CIS-1,2-DICHLOROETHENE	3.407	61	40232	9.920	UG/L	99
31) 2,2-DICHLOROPROPANE	3.399	77	17473	5.810	UG/L	100
32) ETHYL ACETATE	3.510	43	23532	8.598	UG/L	95
33) BROMOCHLOROMETHANE	3.647	128	11946	10.921	UG/L	93
34) TETRAHYDROFURAN	3.703	42	7298	10.433	UG/L	# 68
35) CHLOROFORM	3.736	83	45476	10.293	UG/L	99
36) 1,1,1-TRICHLOROETHANE	3.906	97	34057	10.133	UG/L	95
37) CYCLOHEXANE	3.957	56	36758	10.762	UG/L	96
38) CARBON TETRACHLORIDE	4.068	117	24588	9.302	UG/L	100
39) 1,1-DICHLOROPROPENE	4.074	75	34632	10.262	UG/L	99
40) BENZENE	4.280	78	106867	10.382	UG/L	98
41) T-AMYL METHYL ETHER	4.417	73	68810	10.328	UG/L	# 92
44) 1,2-DICHLOROETHANE	4.305	62	39114	10.510	UG/L	97
45) TRICHLOROETHENE	4.927	95	25249	10.210	UG/L	98
46) METHYLCYCLOHEXANE	5.103	83	27629	11.216	UG/L	98
47) 1,2-DICHLOROPROPANE	5.147	63	26280	10.379	UG/L	96
48) DIBROMOMETHANE	5.256	93	16258	10.621	UG/L	97
49) 1,4-DIOXANE	5.301	88	2514	97.755	UG/L	# 85
50) BROMODICHLOROMETHANE	5.429	83	28675	9.876	UG/L	98
52) MIBK	6.043	43	246316	100.732	UG/L	# 89
53) CIS-1,3-DICHLOROPROPENE	5.870	75	31996	7.430	UG/L	95
54) TOLUENE	6.188	91	114427	10.485	UG/L	98

Data File : W:\DATA\121812\VB353039.D
 Acq On : 19 Dec 2012 10:56 am
 Sample : B064961-BSD1
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 19 12:22:24 2012

Vial: 39
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

661

Quant Method : C:\MSDCHEM\1\METHODS\B1217W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Wed Dec 19 09:20:52 2012
 Response via : Initial Calibration
 DataAcq Meth:B1206W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) TRANS-1,3,-DICHLOROPRO...	6.422	75	26536	7.637	UG/L	96
56) ETHYL METHACRYLATE	6.539	41	21465	4.529	UG/L	91
57) 1,1,2-TRICHLOROETHANE	6.595	97	23468	10.530	UG/L	99
58) 2-HEXANONE	6.862	43	164474	97.914	UG/L #	90
59) TETRACHLOROETHENE	6.715	164	19097	10.455	UG/L	98
60) 1,3-DICHLOROPROPANE	6.751	76	43564	10.495	UG/L	97
61) DIBROMOCHLOROMETHANE	6.966	129	17924	7.947	UG/L	100
62) 1,2-DIBROMOETHANE	7.063	107	23319	10.284	UG/L	100
65) CHLOROBENZENE	7.551	112	72640	10.433	UG/L	98
66) 1,1,1,2-TETRACHLOROETHANE	7.640	131	19885	9.277	UG/L	99
67) ETHYLBENZENE	7.671	91	122634	10.780	UG/L	96
68) M/P-XYLENES	7.788	91	194149	21.661	UG/L	95
69) O-XYLENE	8.173	91	100529	10.582	UG/L	98
70) STYRENE	8.190	104	78796	10.205	UG/L	98
71) BROMOFORM	8.354	173	9629	8.364	UG/L	98
72) ISOPROPYLBENZENE	8.544	105	104568	10.472	UG/L	98
73) CIS-1,4-DICHLORO-2-BUTENE	8.622	53	5473	6.172	UG/L #	53
74) 1,1,2,2-TETRACHLOROETHANE	8.848	83	29677	9.894	UG/L	99
75) 1,4-DICHLORO-2-BUTENE(...	8.912	53	5318	8.234	UG/L #	72
76) BROMOBENZENE	8.817	77	50115	10.596	UG/L	96
77) 1,2,3-TRICHLOROPROPANE	8.876	110	8923	10.335	UG/L	78
78) N-PROPYLBENZENE	8.948	91	116707	10.276	UG/L	97
79) 2-CHLOROTOLUENE	9.018	91	82304	10.194	UG/L	97
80) 1,3,5-TRIMETHYLBENZENE	9.130	105	89217	10.703	UG/L	96
81) 4-CHLOROTOLUENE	9.127	91	97416	10.634	UG/L	98
83) TERT-BUTYLBENZENE	9.445	119	65836	10.411	UG/L	99
84) 1,2,4-TRIMETHYLBENZENE	9.495	105	91094	10.716	UG/L	98
85) SEC-BUTYLBENZENE	9.662	105	89227	10.281	UG/L	98
86) 1,3-DICHLOROBENZENE	9.751	146	51975	10.281	UG/L	99
87) P-ISOPROPYLTOLUENE	9.813	119	75184	11.128	UG/L	98
88) 1,4-DICHLOROBENZENE	9.841	146	54111	10.513	UG/L	98
89) N-BUTYLBENZENE	10.220	91	61860	9.856	UG/L	98
90) 1,2-DICHLOROBENZENE	10.203	146	50508	10.355	UG/L	100
91) 1,2-DIBROMO-3-CHLOROPR...	10.978	75	2315	8.890	UG/L	92
92) 1,3,5-TRICHLOROBENZENE	11.188	180	24272	10.186	UG/L	99
93) 1,2,4-TRICHLOROBENZENE	11.796	180	12206	8.747	UG/L	98
94) HEXACHLOROBUTADIENE	11.980	225	10887	10.164	UG/L	99
95) NAPHTHALENE	12.030	128	18288	8.714	UG/L	99
96) 1,2,3-TRICHLOROBENZENE	12.270	180	6733	8.432	UG/L	100

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

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Page: 3

1 - FORM I

ANALYSIS DATA SHEET

Blank

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B064751-BLK1 File ID: VA352008.D
 Sampled: Prepared: 12/17/12 05:32 Analyzed: 12/17/12 08:05
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B064751 Sequence: S003711 Calibration: 1200210 Instrument: GCMSVOA1
 Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
67-64-1	Acetone		0.023	0.10	V-16
107-13-1	Acrylonitrile		0.0025	0.0060	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.00070	0.0010	
71-43-2	Benzene		0.00070	0.0020	
108-86-1	Bromobenzene		0.00080	0.0020	
74-97-5	Bromochloromethane		0.0014	0.0020	
75-27-4	Bromodichloromethane		0.00060	0.0020	
75-25-2	Bromoform		0.0014	0.0020	
74-83-9	Bromomethane		0.0017	0.010	
78-93-3	2-Butanone (MEK)		0.018	0.040	V-16
75-65-0	tert-Butyl Alcohol (TBA)		0.021	0.040	V-16
104-51-8	n-Butylbenzene		0.00070	0.0020	
135-98-8	sec-Butylbenzene		0.0010	0.0020	
98-06-6	tert-Butylbenzene		0.00090	0.0020	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.00060	0.0010	
75-15-0	Carbon Disulfide		0.0033	0.0060	
56-23-5	Carbon Tetrachloride		0.00080	0.0020	
108-90-7	Chlorobenzene		0.00070	0.0020	
124-48-1	Chlorodibromomethane		0.00070	0.0010	
75-00-3	Chloroethane		0.0015	0.020	
67-66-3	Chloroform		0.00070	0.0040	
74-87-3	Chloromethane		0.00090	0.010	
95-49-8	2-Chlorotoluene		0.00080	0.0020	
106-43-4	4-Chlorotoluene		0.00080	0.0020	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.0011	0.0020	V-16

1 - FORM I

ANALYSIS DATA SHEET

Blank

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B064751-BLK1 File ID: VA352008.D
 Sampled: Prepared: 12/17/12 05:32 Analyzed: 12/17/12 08:05
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B064751 Sequence: S003711 Calibration: 1200210 Instrument: GCMSVOA1
 Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.0010	0.0010	
74-95-3	Dibromomethane		0.00060	0.0020	
95-50-1	1,2-Dichlorobenzene		0.00070	0.0020	
541-73-1	1,3-Dichlorobenzene		0.00070	0.0020	
106-46-7	1,4-Dichlorobenzene		0.00080	0.0020	
110-57-6	trans-1,4-Dichloro-2-butene		0.0012	0.0040	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.0013	0.020	
75-34-3	1,1-Dichloroethane		0.00070	0.0020	
107-06-2	1,2-Dichloroethane		0.0013	0.0020	
75-35-4	1,1-Dichloroethylene		0.0011	0.0040	
156-59-2	cis-1,2-Dichloroethylene		0.00080	0.0020	
156-60-5	trans-1,2-Dichloroethylene		0.00090	0.0020	
78-87-5	1,2-Dichloropropane		0.0013	0.0020	
142-28-9	1,3-Dichloropropane		0.00070	0.0010	
594-20-7	2,2-Dichloropropane		0.00090	0.0020	
563-58-6	1,1-Dichloropropene		0.00090	0.0020	
10061-01-5	cis-1,3-Dichloropropene		0.00070	0.0010	
10061-02-6	trans-1,3-Dichloropropene		0.00070	0.0010	
60-29-7	Diethyl Ether		0.0018	0.020	
108-20-3	Diisopropyl Ether (DIPE)		0.00060	0.0010	
123-91-1	1,4-Dioxane		0.058	0.10	V-16
100-41-4	Ethylbenzene		0.00080	0.0020	
87-68-3	Hexachlorobutadiene		0.0010	0.0020	
591-78-6	2-Hexanone (MBK)		0.011	0.020	
98-82-8	Isopropylbenzene (Cumene)		0.00070	0.0020	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.00080	0.0020	

1 - FORM I

ANALYSIS DATA SHEET

Blank

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B064751-BLK1 File ID: VA352008.D
 Sampled: Prepared: 12/17/12 05:32 Analyzed: 12/17/12 08:05
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B064751 Sequence: S003711 Calibration: 1200210 Instrument: GCMSVOA1
 Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.00090	0.0040	
75-09-2	Methylene Chloride		0.0071	0.020	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0076	0.020	
91-20-3	Naphthalene		0.00070	0.0040	V-05
103-65-1	n-Propylbenzene		0.00070	0.0020	
100-42-5	Styrene		0.00060	0.0020	
630-20-6	1,1,1,2-Tetrachloroethane		0.00090	0.0020	
79-34-5	1,1,2,2-Tetrachloroethane		0.00090	0.0010	
127-18-4	Tetrachloroethylene		0.0013	0.0020	
109-99-9	Tetrahydrofuran		0.0022	0.010	V-16
108-88-3	Toluene		0.00080	0.0020	
87-61-6	1,2,3-Trichlorobenzene		0.00060	0.0020	
120-82-1	1,2,4-Trichlorobenzene		0.00080	0.0020	
108-70-3	1,3,5-Trichlorobenzene		0.00070	0.0020	
71-55-6	1,1,1-Trichloroethane		0.0010	0.0020	
79-00-5	1,1,2-Trichloroethane		0.0012	0.0020	
79-01-6	Trichloroethylene		0.00090	0.0020	
75-69-4	Trichlorofluoromethane (Freon 11)		0.0011	0.010	
96-18-4	1,2,3-Trichloropropane		0.0011	0.0020	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		0.00090	0.010	
95-63-6	1,2,4-Trimethylbenzene		0.00080	0.0020	
108-67-8	1,3,5-Trimethylbenzene		0.00060	0.0020	
75-01-4	Vinyl Chloride		0.0011	0.010	
108383/106423	m+p Xylene		0.0017	0.0040	
95-47-6	o-Xylene		0.00070	0.0020	
	No TICs Found	0.0			

Data File : V:\DATA\121712\VA352008.D
 Acq On : 17 Dec 2012 8:05 am
 Sample : B0-BLK1
 InstName : GCMSVOA1
 Misc :
 Quant Time: Dec 17 08:20:39 2012

Vial: 8
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

666

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 13:10:19 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.843	168	955032	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.522	114	1409391	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.053	117	1269279	30.00	UG/L	0.00
86) 1,4-DICHLOROBENZENE-D4...	9.012	152	647422	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.093	65	309751	23.54	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	94.16%	
48) TOLUENE SS	5.829	98	1377690	24.27	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	97.08%	
69) 4-BROMOFLUROBENZENE SS	8.047	95	464019	22.66	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	90.64%	
Target Compounds						
21) METHYLENE CHLORIDE	2.137	49	30298	Below	Cal	Qvalue 93
40) CYCLOHEXANE	3.840	56	16716	Below	Cal #	19

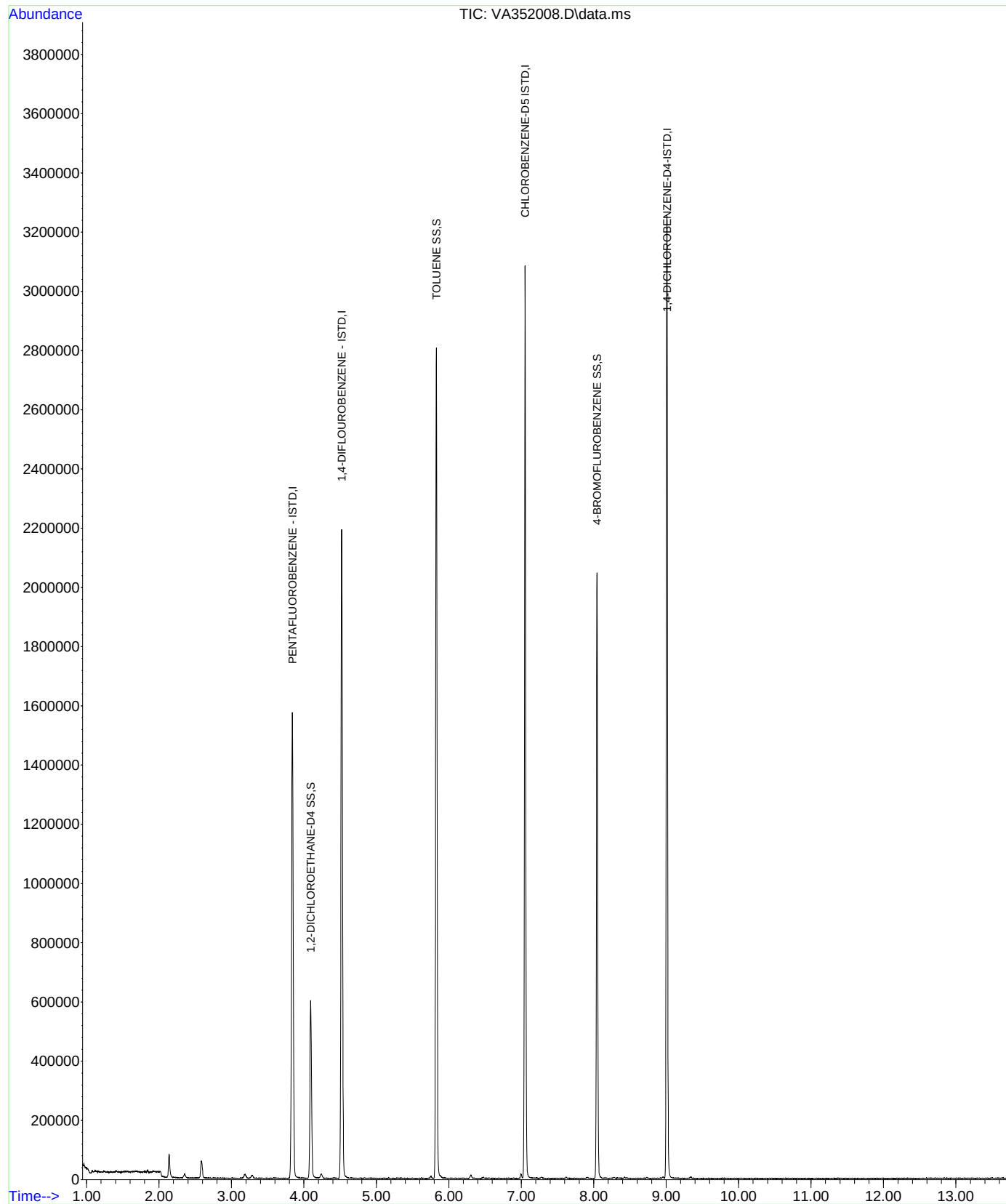
(#) = qualifier out of range (m) = manual integration (+) = signals summed

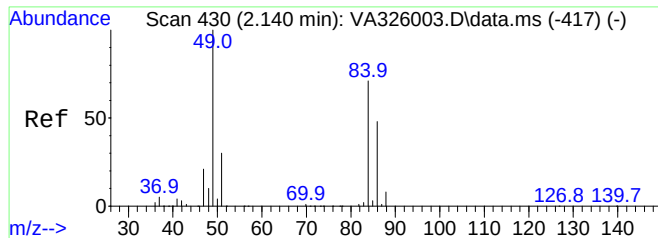
Data File : V:\DATA\121712\VA352008.D
Acq On : 17 Dec 2012 8:05 am
Sample : B0-BLK1
InstName : GCMSV0A1
Misc :
Quant Time: Dec 17 08:20:39 2012

Vial: 8
Operator: MFF
Inst : GCMSV0A1
Multiplr: 1.00

667

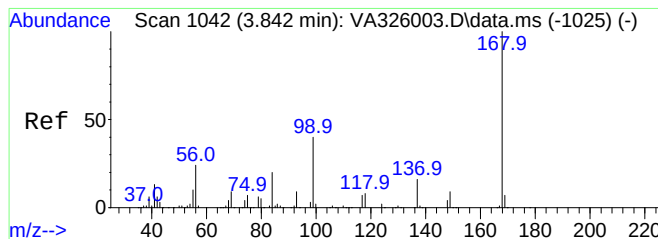
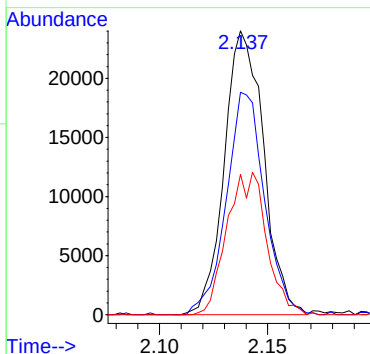
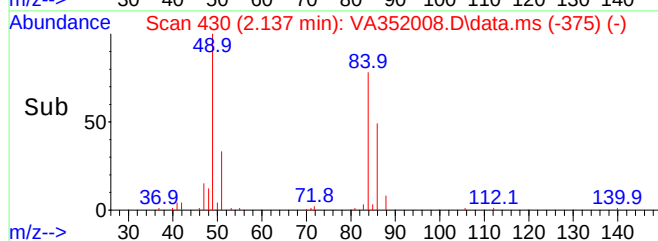
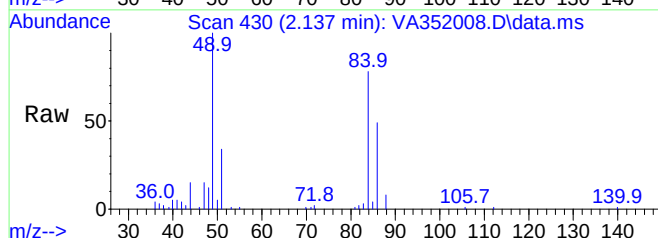
Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Mon Nov 12 13:10:19 2012
Response via : Initial Calibration
DataAcq Meth:821205S8





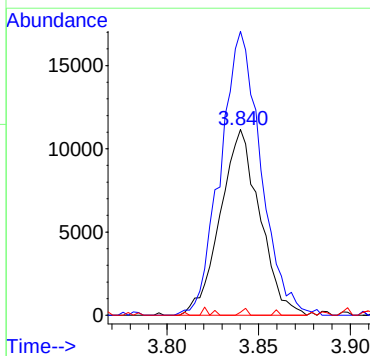
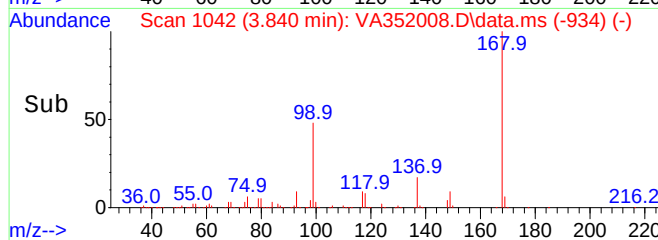
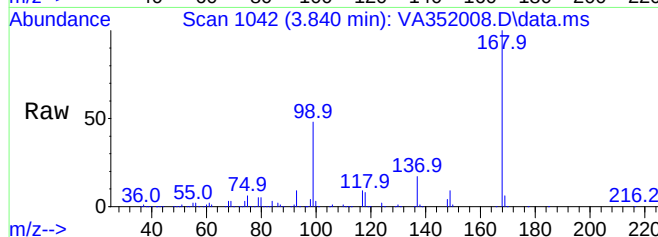
#21
METHYLENE CHLORIDE
Concen: Below Cal
RT: 2.137 min Scan# 430
Delta R.T. -0.000 min
Lab File: VA352008.D
Acq: 17 Dec 2012 8:05 am

Tgt Ion: 49 Resp: 30298
Ion Ratio Lower Upper
49 100
84 76.4 55.8 83.8
86 50.7 37.3 55.9



#40
CYCLOHEXANE
Concen: Below Cal
RT: 3.840 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VA352008.D
Acq: 17 Dec 2012 8:05 am

Tgt Ion: 56 Resp: 16716
Ion Ratio Lower Upper
56 100
84 156.3 64.5 96.7#
41 0.6 44.6 67.0#



1 - FORM I

ANALYSIS DATA SHEET

LCS

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B064751-BS1 File ID: VA352005.D
 Sampled: Prepared: 12/17/12 05:32 Analyzed: 12/17/12 06:41
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B064751 Sequence: S003711 Calibration: 1200210 Instrument: GCMSVOA1
 Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
67-64-1	Acetone	0.160	0.023	0.10	V-16
107-13-1	Acrylonitrile	0.0193	0.0025	0.0060	
994-05-8	tert-Amyl Methyl Ether (TAME)	0.0197	0.00070	0.0010	
71-43-2	Benzene	0.0195	0.00070	0.0020	
108-86-1	Bromobenzene	0.0185	0.00080	0.0020	
74-97-5	Bromochloromethane	0.0229	0.0014	0.0020	
75-27-4	Bromodichloromethane	0.0172	0.00060	0.0020	
75-25-2	Bromoform	0.0188	0.0014	0.0020	
74-83-9	Bromomethane	0.0138	0.0017	0.010	
78-93-3	2-Butanone (MEK)	0.171	0.018	0.040	V-16
75-65-0	tert-Butyl Alcohol (TBA)	0.222	0.021	0.040	V-16
104-51-8	n-Butylbenzene	0.0201	0.00070	0.0020	
135-98-8	sec-Butylbenzene	0.0212	0.0010	0.0020	
98-06-6	tert-Butylbenzene	0.0207	0.00090	0.0020	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	0.0195	0.00060	0.0010	
75-15-0	Carbon Disulfide	0.0179	0.0033	0.0060	
56-23-5	Carbon Tetrachloride	0.0277	0.00080	0.0020	L-02, V-20
108-90-7	Chlorobenzene	0.0192	0.00070	0.0020	
124-48-1	Chlorodibromomethane	0.0181	0.00070	0.0010	
75-00-3	Chloroethane	0.0192	0.0015	0.020	
67-66-3	Chloroform	0.0193	0.00070	0.0040	
74-87-3	Chloromethane	0.0192	0.00090	0.010	
95-49-8	2-Chlorotoluene	0.0183	0.00080	0.0020	
106-43-4	4-Chlorotoluene	0.0180	0.00080	0.0020	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0.0183	0.0011	0.0020	V-16
106-93-4	1,2-Dibromoethane (EDB)	0.0195	0.0010	0.0010	

1 - FORM I

ANALYSIS DATA SHEET

LCS

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B064751-BS1 File ID: VA352005.D
 Sampled: Prepared: 12/17/12 05:32 Analyzed: 12/17/12 06:41
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B064751 Sequence: S003711 Calibration: 1200210 Instrument: GCMSVOA1
 Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
74-95-3	Dibromomethane	0.0176	0.00060	0.0020	
95-50-1	1,2-Dichlorobenzene	0.0193	0.00070	0.0020	
541-73-1	1,3-Dichlorobenzene	0.0196	0.00070	0.0020	
106-46-7	1,4-Dichlorobenzene	0.0201	0.00080	0.0020	
110-57-6	trans-1,4-Dichloro-2-butene	0.0156	0.0012	0.0040	
75-71-8	Dichlorodifluoromethane (Freon 12)	0.0128	0.0013	0.020	
75-34-3	1,1-Dichloroethane	0.0189	0.00070	0.0020	
107-06-2	1,2-Dichloroethane	0.0158	0.0013	0.0020	
75-35-4	1,1-Dichloroethylene	0.0176	0.0011	0.0040	
156-59-2	cis-1,2-Dichloroethylene	0.0197	0.00080	0.0020	
156-60-5	trans-1,2-Dichloroethylene	0.0197	0.00090	0.0020	
78-87-5	1,2-Dichloropropane	0.0171	0.0013	0.0020	
142-28-9	1,3-Dichloropropane	0.0174	0.00070	0.0010	
594-20-7	2,2-Dichloropropane	0.0226	0.00090	0.0020	
563-58-6	1,1-Dichloropropene	0.0190	0.00090	0.0020	
10061-01-5	cis-1,3-Dichloropropene	0.0165	0.00070	0.0010	
10061-02-6	trans-1,3-Dichloropropene	0.0169	0.00070	0.0010	
60-29-7	Diethyl Ether	0.0192	0.0018	0.020	
108-20-3	Diisopropyl Ether (DIPE)	0.0210	0.00060	0.0010	
123-91-1	1,4-Dioxane	0.182	0.058	0.10	V-16
100-41-4	Ethylbenzene	0.0188	0.00080	0.0020	
87-68-3	Hexachlorobutadiene	0.0193	0.0010	0.0020	
591-78-6	2-Hexanone (MBK)	0.162	0.011	0.020	
98-82-8	Isopropylbenzene (Cumene)	0.0191	0.00070	0.0020	
99-87-6	p-Isopropyltoluene (p-Cymene)	0.0216	0.00080	0.0020	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.0199	0.00090	0.0040	

1 - FORM I

ANALYSIS DATA SHEET

LCS

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B064751-BS1 File ID: VA352005.D
 Sampled: Prepared: 12/17/12 05:32 Analyzed: 12/17/12 06:41
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B064751 Sequence: S003711 Calibration: 1200210 Instrument: GCMSVOA1
 Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
75-09-2	Methylene Chloride	0.0161	0.0071	0.020	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.168	0.0076	0.020	
91-20-3	Naphthalene	0.0136	0.00070	0.0040	V-05
103-65-1	n-Propylbenzene	0.0192	0.00070	0.0020	
100-42-5	Styrene	0.0180	0.00060	0.0020	
630-20-6	1,1,1,2-Tetrachloroethane	0.0195	0.00090	0.0020	
79-34-5	1,1,2,2-Tetrachloroethane	0.0191	0.00090	0.0010	
127-18-4	Tetrachloroethylene	0.0180	0.0013	0.0020	
109-99-9	Tetrahydrofuran	0.0218	0.0022	0.010	V-16, V-20
108-88-3	Toluene	0.0167	0.00080	0.0020	
87-61-6	1,2,3-Trichlorobenzene	0.0164	0.00060	0.0020	
120-82-1	1,2,4-Trichlorobenzene	0.0166	0.00080	0.0020	
108-70-3	1,3,5-Trichlorobenzene	0.0189	0.00070	0.0020	
71-55-6	1,1,1-Trichloroethane	0.0207	0.0010	0.0020	
79-00-5	1,1,2-Trichloroethane	0.0178	0.0012	0.0020	
79-01-6	Trichloroethylene	0.0176	0.00090	0.0020	
75-69-4	Trichlorofluoromethane (Freon 11)	0.0180	0.0011	0.010	
96-18-4	1,2,3-Trichloropropane	0.0191	0.0011	0.0020	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0209	0.00090	0.010	
95-63-6	1,2,4-Trimethylbenzene	0.0201	0.00080	0.0020	
108-67-8	1,3,5-Trimethylbenzene	0.0185	0.00060	0.0020	
75-01-4	Vinyl Chloride	0.0165	0.0011	0.010	
108383/106423	m+p Xylene	0.0375	0.0017	0.0040	
95-47-6	o-Xylene	0.0181	0.00070	0.0020	

Data File : V:\DATA\121712\VA352005.D
 Acq On : 17 Dec 2012 6:41 am
 Sample : B064751-BS1
 InstName : GCMSVOA1
 Misc :
 Quant Time: Dec 17 07:05:37 2012

Vial: 5
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

672

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 13:10:19 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.842	168	1005149	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.524	114	1481278	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.053	117	1356225	30.00	UG/L	0.00
86) 1,4-DICHLOROBENZENE-D4...	9.011	152	817240	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.095	65	322651	23.30	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	93.20%	
48) TOLUENE SS	5.829	98	1457594	24.43	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	97.72%	
69) 4-BROMOFLUROBENZENE SS	8.046	95	528353	24.14	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	96.56%	
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	0.982	85	99865	6.406	UG/L	99
5) CHLOROMETHANE	1.077	50	185183	9.597	UG/L	99
6) VINYL CHLORIDE	1.135	62	178376	8.272	UG/L	98
7) BROMOMETHANE	1.310	94	82653	6.880	UG/L	99
8) CHLOROETHANE	1.363	64	102539	9.582	UG/L	99
9) FLUORODICHLOROMETHANE	1.469	67	312179	10.457	UG/L	99
10) TRICHLOROFLUOROMETHANE	1.505	101	287998	9.008	UG/L	98
11) DI ETHYL ETHER	1.669	74	66181	9.608	UG/L	92
12) ACETONE	1.845	58	69105	80.022	UG/L	95
13) 1,1,2TRICL-1,2,2TRIFLE...	1.814	101	165849	10.437	UG/L	85
14) 1,1-DICHLOROETHENE	1.814	96	155414	8.787	UG/L	93
15) IODOMETHANE	1.914	142	331902	13.228	UG/L	98
16) METHYL ACETATE	2.064	43	56162	6.666	UG/L	97
17) T-BUTYL ALCOHOL	2.223	59	36338	111.220	UG/L	# 68
18) ACRYLONITRILE	2.326	53	30763	9.644	UG/L	# 91
21) METHYLENE CHLORIDE	2.140	49	216893	8.026	UG/L	96
22) CARBON DISULFIDE	1.961	76	463809	8.963	UG/L	98
23) METHYL TERT-BUTYL ETHE...	2.357	73	240293	9.933	UG/L	98
24) TRANS 1,2-DICHLOROETHENE	2.351	96	152713	9.837	UG/L	99
25) 1,1-DICHLOROETHANE	2.713	63	249985	9.430	UG/L	98
27) VINYL ACETATE	2.768	43	2288915	108.809	UG/L	100
28) DI ISOPROPYL ETHER	2.791	45	470172	10.524	UG/L	99
29) 2-BUTANONE	3.319	72	77831	85.495	UG/L	95
30) T-BUTYL ETHYL ETHER	3.161	59	278199	9.756	UG/L	98
31) CIS-1,2-DICHLOROETHENE	3.294	96	154915	9.829	UG/L	93
32) 2,2-DICHLOROPROPANE	3.297	77	132467	11.325	UG/L	95
36) BROMOCHLOROMETHANE	3.531	128	65546	11.435	UG/L	96
37) TETRAHYDROFURAN	3.589	72	8964	10.883	UG/L	93
38) CHLOROFORM	3.622	83	242920	9.651	UG/L	99
39) 1,1,1-TRICHLOROETHANE	3.795	97	199670	10.361	UG/L	95
40) CYCLOHEXANE	3.842	56	293863	11.025	UG/L	97
41) CARBON TETRACHLORIDE	3.951	117	169283	13.832	UG/L	99
42) 1,1-DICHLOROPROPENE	3.953	75	202448	9.499	UG/L	98
44) BENZENE	4.148	78	582392	9.751	UG/L	100
45) T-AMYL METHYL ETHER	4.273	73	222312	9.833	UG/L	# 85
47) METHYLCYCLOHEXANE	4.919	83	273748	11.011	UG/L	95
49) 1,2-DICHLOROETHANE	4.168	62	144531	7.885	UG/L	98
50) TRICHLOROETHENE	4.749	95	147254	8.792	UG/L	98
51) 1,2-DICHLOROPROPANE	4.947	63	137502	8.557	UG/L	98
52) DIBROMOMETHANE	5.047	93	67694	8.788	UG/L	98
54) 1,4-DIOXANE	5.083	88	7559	90.957	UG/L	# 82
55) BROMODICHLOROMETHANE	5.200	83	153569	8.622	UG/L	98
57) MIBK	5.751	43	749825	84.058	UG/L	99
58) CIS-1,3-DICHLOROPROPENE	5.600	75	160886	8.252	UG/L	96
59) TOLUENE	5.884	92	361151	8.336	UG/L	95
60) TRANS-1,3,-DICHLOROPRO...	6.087	75	111110	8.426	UG/L	96
62) 1,1,2-TRICHLOROETHANE	6.238	83	81622	8.879	UG/L	97
63) 2-HEXANONE	6.468	43	485065	80.745	UG/L	98
64) TETRACHLOROETHENE	6.352	164	133150	9.011	UG/L	98

Data File : V:\DATA\121712\VA352005.D
 Acq On : 17 Dec 2012 6:41 am
 Sample : B064751-BS1
 InstName : GCMSVOA1
 Misc :
 Quant Time: Dec 17 07:05:37 2012

Vial: 5
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

673

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 13:10:19 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,3-DICHLOROPROPANE	6.379	76	161192	8.704	UG/L	97
66) DIBROMOCHLOROMETHANE	6.569	129	108859	9.032	UG/L	97
67) 1,2-DIBROMOETHANE	6.655	107	95759	9.762	UG/L #	99
70) CHLOROBENZENE	7.078	112	423143	9.586	UG/L	97
71) 1,1,1,2-TETRACHLOROETHANE	7.150	131	120276	9.742	UG/L	98
72) ETHYLBENZENE	7.181	91	725333	9.420	UG/L	100
73) M/P-XYLENES	7.284	106	582342	18.745	UG/L	97
74) O-XYLENE	7.612	106	276782	9.049	UG/L	98
75) STYRENE	7.626	104	444866	8.983	UG/L	100
76) BROMOFORM	7.765	173	63222	9.400	UG/L #	98
77) ISOPROPYLBENZENE	7.926	105	762680	9.558	UG/L	100
78) 1,1,2,2-TETRACHLOROETHANE	8.180	83	123117	9.566	UG/L	97
79) 1,4-DICHLORO-2-BUTENE(...	8.227	53	22622	7.789	UG/L #	1
80) BROMOBENZENE	8.163	156	183604	9.264	UG/L	97
81) 1,2,3-TRICHLOROPROPANE	8.207	75	98838	9.568	UG/L	96
82) N-PROPYLBENZENE	8.271	91	915089	9.596	UG/L	99
83) 2-CHLOROTOLUENE	8.333	91	522546	9.143	UG/L	98
84) 1,3,5-TRIMETHYLBENZENE	8.424	105	652308	9.260	UG/L	100
85) 4-CHLOROTOLUENE	8.424	91	608258	9.023	UG/L	98
87) TERT-BUTYLBENZENE	8.691	119	577873	10.353	UG/L	99
88) 1,2,4-TRIMETHYLBENZENE	8.733	105	640031	10.045	UG/L	98
89) SEC-BUTYLBENZENE	8.875	105	914064	10.615	UG/L	99
90) 1,3-DICHLOROBENZENE	8.956	146	372439	9.810	UG/L	99
91) P-ISOPROPYLTOLUENE	9.003	119	750904	10.811	UG/L	99
92) 1,4-DICHLOROBENZENE	9.031	146	377067	10.059	UG/L	99
93) N-BUTYLBENZENE	9.345	91	687332	10.063	UG/L	98
94) 1,2-DICHLOROBENZENE	9.337	146	339231	9.643	UG/L	98
95) 1,2-DIBROMO-3-CHLOROPR...	9.988	75	11555	9.170	UG/L	82
96) 1,3,5-TRICHLOROBENZENE	10.169	180	257699	9.464	UG/L	98
97) 1,2,4-TRICHLOROBENZENE	10.681	180	158360	8.300	UG/L	96
98) HEXACHLOROBUTADIENE	10.831	225	149346	9.643	UG/L	99
99) NAPHTHALENE	10.881	128	157668	6.786	UG/L	100
100) 1,2,3-TRICHLOROBENZENE	11.081	180	129053	8.184	UG/L	96

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

674

V1112S12.M Thu Jan 17 23:58:29 2013

1 - FORM I

ANALYSIS DATA SHEET

LCS Dup

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B064751-BSD1 File ID: VA352006.D
 Sampled: Prepared: 12/17/12 05:32 Analyzed: 12/17/12 07:08
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B064751 Sequence: S003711 Calibration: 1200210 Instrument: GCMSVOA1
 Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
67-64-1	Acetone	0.162	0.023	0.10	V-16
107-13-1	Acrylonitrile	0.0207	0.0025	0.0060	
994-05-8	tert-Amyl Methyl Ether (TAME)	0.0202	0.00070	0.0010	
71-43-2	Benzene	0.0210	0.00070	0.0020	
108-86-1	Bromobenzene	0.0201	0.00080	0.0020	
74-97-5	Bromochloromethane	0.0243	0.0014	0.0020	
75-27-4	Bromodichloromethane	0.0181	0.00060	0.0020	
75-25-2	Bromoform	0.0196	0.0014	0.0020	
74-83-9	Bromomethane	0.0163	0.0017	0.010	
78-93-3	2-Butanone (MEK)	0.179	0.018	0.040	V-16
75-65-0	tert-Butyl Alcohol (TBA)	0.243	0.021	0.040	V-16
104-51-8	n-Butylbenzene	0.0215	0.00070	0.0020	
135-98-8	sec-Butylbenzene	0.0225	0.0010	0.0020	
98-06-6	tert-Butylbenzene	0.0216	0.00090	0.0020	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	0.0207	0.00060	0.0010	
75-15-0	Carbon Disulfide	0.0187	0.0033	0.0060	
56-23-5	Carbon Tetrachloride	0.0292	0.00080	0.0020	L-02, V-20
108-90-7	Chlorobenzene	0.0202	0.00070	0.0020	
124-48-1	Chlorodibromomethane	0.0192	0.00070	0.0010	
75-00-3	Chloroethane	0.0200	0.0015	0.020	
67-66-3	Chloroform	0.0205	0.00070	0.0040	
74-87-3	Chloromethane	0.0208	0.00090	0.010	
95-49-8	2-Chlorotoluene	0.0195	0.00080	0.0020	
106-43-4	4-Chlorotoluene	0.0194	0.00080	0.0020	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0.0200	0.0011	0.0020	V-16
106-93-4	1,2-Dibromoethane (EDB)	0.0212	0.0010	0.0010	

1 - FORM I

ANALYSIS DATA SHEET

LCS Dup

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B064751-BSD1 File ID: VA352006.D
 Sampled: Prepared: 12/17/12 05:32 Analyzed: 12/17/12 07:08
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B064751 Sequence: S003711 Calibration: 1200210 Instrument: GCMSVOA1
 Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
74-95-3	Dibromomethane	0.0189	0.00060	0.0020	
95-50-1	1,2-Dichlorobenzene	0.0204	0.00070	0.0020	
541-73-1	1,3-Dichlorobenzene	0.0207	0.00070	0.0020	
106-46-7	1,4-Dichlorobenzene	0.0215	0.00080	0.0020	
110-57-6	trans-1,4-Dichloro-2-butene	0.0161	0.0012	0.0040	
75-71-8	Dichlorodifluoromethane (Freon 12)	0.0138	0.0013	0.020	
75-34-3	1,1-Dichloroethane	0.0205	0.00070	0.0020	
107-06-2	1,2-Dichloroethane	0.0171	0.0013	0.0020	
75-35-4	1,1-Dichloroethylene	0.0188	0.0011	0.0040	
156-59-2	cis-1,2-Dichloroethylene	0.0215	0.00080	0.0020	
156-60-5	trans-1,2-Dichloroethylene	0.0216	0.00090	0.0020	
78-87-5	1,2-Dichloropropane	0.0188	0.0013	0.0020	
142-28-9	1,3-Dichloropropane	0.0186	0.00070	0.0010	
594-20-7	2,2-Dichloropropane	0.0236	0.00090	0.0020	
563-58-6	1,1-Dichloropropene	0.0206	0.00090	0.0020	
10061-01-5	cis-1,3-Dichloropropene	0.0175	0.00070	0.0010	
10061-02-6	trans-1,3-Dichloropropene	0.0178	0.00070	0.0010	
60-29-7	Diethyl Ether	0.0200	0.0018	0.020	
108-20-3	Diisopropyl Ether (DIPE)	0.0225	0.00060	0.0010	
123-91-1	1,4-Dioxane	0.222	0.058	0.10	V-16
100-41-4	Ethylbenzene	0.0201	0.00080	0.0020	
87-68-3	Hexachlorobutadiene	0.0208	0.0010	0.0020	
591-78-6	2-Hexanone (MBK)	0.171	0.011	0.020	
98-82-8	Isopropylbenzene (Cumene)	0.0206	0.00070	0.0020	
99-87-6	p-Isopropyltoluene (p-Cymene)	0.0231	0.00080	0.0020	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.0206	0.00090	0.0040	

1 - FORM I

ANALYSIS DATA SHEET

LCS Dup

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B064751-BSD1 File ID: VA352006.D
 Sampled: Prepared: 12/17/12 05:32 Analyzed: 12/17/12 07:08
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B064751 Sequence: S003711 Calibration: 1200210 Instrument: GCMSVOA1
 Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
75-09-2	Methylene Chloride	0.0174	0.0071	0.020	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.180	0.0076	0.020	
91-20-3	Naphthalene	0.0151	0.00070	0.0040	V-05
103-65-1	n-Propylbenzene	0.0205	0.00070	0.0020	
100-42-5	Styrene	0.0193	0.00060	0.0020	
630-20-6	1,1,1,2-Tetrachloroethane	0.0206	0.00090	0.0020	
79-34-5	1,1,2,2-Tetrachloroethane	0.0197	0.00090	0.0010	
127-18-4	Tetrachloroethylene	0.0198	0.0013	0.0020	
109-99-9	Tetrahydrofuran	0.0199	0.0022	0.010	V-16, V-20
108-88-3	Toluene	0.0184	0.00080	0.0020	
87-61-6	1,2,3-Trichlorobenzene	0.0180	0.00060	0.0020	
120-82-1	1,2,4-Trichlorobenzene	0.0185	0.00080	0.0020	
108-70-3	1,3,5-Trichlorobenzene	0.0210	0.00070	0.0020	
71-55-6	1,1,1-Trichloroethane	0.0219	0.0010	0.0020	
79-00-5	1,1,2-Trichloroethane	0.0193	0.0012	0.0020	
79-01-6	Trichloroethylene	0.0193	0.00090	0.0020	
75-69-4	Trichlorofluoromethane (Freon 11)	0.0195	0.0011	0.010	
96-18-4	1,2,3-Trichloropropane	0.0204	0.0011	0.0020	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0225	0.00090	0.010	
95-63-6	1,2,4-Trimethylbenzene	0.0213	0.00080	0.0020	
108-67-8	1,3,5-Trimethylbenzene	0.0199	0.00060	0.0020	
75-01-4	Vinyl Chloride	0.0174	0.0011	0.010	
108383/106423	m+p Xylene	0.0401	0.0017	0.0040	
95-47-6	o-Xylene	0.0193	0.00070	0.0020	

Data File : V:\DATA\121712\VA352006.D
 Acq On : 17 Dec 2012 7:08 am
 Sample : B064751-BSD1
 InstName : GCMSVOA1
 Misc :
 Quant Time: Dec 17 07:23:19 2012

Vial: 6
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

678

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 13:10:19 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.842	168	1006418	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.524	114	1463846	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.053	117	1345064	30.00	UG/L	0.00
86) 1,4-DICHLOROBENZENE-D4...	9.011	152	820834	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.095	65	321014	23.15	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	92.60%	
48) TOLUENE SS	5.829	98	1448671	24.57	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	98.28%	
69) 4-BROMOFLUROBENZENE SS	8.046	95	521612	24.03	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	96.12%	
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	0.982	85	107831	6.908	UG/L	99
5) CHLOROMETHANE	1.080	50	200590	10.383	UG/L	99
6) VINYL CHLORIDE	1.132	62	187533	8.686	UG/L	100
7) BROMOMETHANE	1.311	94	98295	8.172	UG/L	99
8) CHLOROETHANE	1.363	64	107154	10.001	UG/L	100
9) FLUORODICHLOROMETHANE	1.469	67	327356	10.952	UG/L	100
10) TRICHLOROFLUOROMETHANE	1.505	101	312456	9.761	UG/L	99
11) DI ETHYL ETHER	1.672	74	68884	9.987	UG/L	94
12) ACETONE	1.845	58	70005	80.962	UG/L	93
13) 1,1,2TRICL-1,2,2TRIFLE...	1.811	101	179348	11.272	UG/L	83
14) 1,1-DICHLOROETHENE	1.814	96	166111	9.380	UG/L	95
15) IODOMETHANE	1.914	142	320484	12.862	UG/L	99
16) METHYL ACETATE	2.067	43	63736	7.555	UG/L	99
17) T-BUTYL ALCOHOL	2.226	59	39687	121.317	UG/L	# 63
18) ACRYLONITRILE	2.326	53	33070	10.354	UG/L	# 90
21) METHYLENE CHLORIDE	2.140	49	230244	8.685	UG/L	95
22) CARBON DISULFIDE	1.962	76	485519	9.371	UG/L	99
23) METHYL TERT-BUTYL ETHE...	2.357	73	249341	10.294	UG/L	97
24) TRANS 1,2-DICHLOROETHENE	2.348	96	167857	10.799	UG/L	97
25) 1,1-DICHLOROETHANE	2.715	63	271737	10.237	UG/L	99
27) VINYL ACETATE	2.771	43	2471796	117.355	UG/L	100
28) DI ISOPROPYL ETHER	2.791	45	502823	11.241	UG/L	99
29) 2-BUTANONE	3.322	72	81617	89.541	UG/L	93
30) T-BUTYL ETHYL ETHER	3.166	59	294914	10.329	UG/L	98
31) CIS-1,2-DICHLOROETHENE	3.297	96	169269	10.726	UG/L	90
32) 2,2-DICHLOROPROPANE	3.294	77	138378	11.815	UG/L	95
36) BROMOCHLOROMETHANE	3.533	128	69799	12.162	UG/L	94
37) TETRAHYDROFURAN	3.589	72	8223	9.971	UG/L	# 1
38) CHLOROFORM	3.622	83	257970	10.236	UG/L	98
39) 1,1,1-TRICHLOROETHANE	3.789	97	211059	10.938	UG/L	97
40) CYCLOHEXANE	3.842	56	310120	11.687	UG/L	96
41) CARBON TETRACHLORIDE	3.951	117	178660	14.580	UG/L	100
42) 1,1-DICHLOROPROPENE	3.954	75	219875	10.304	UG/L	99
44) BENZENE	4.146	78	628737	10.514	UG/L	100
45) T-AMYL METHYL ETHER	4.276	73	228287	10.085	UG/L	# 81
47) METHYLCYCLOHEXANE	4.919	83	295844	12.041	UG/L	94
49) 1,2-DICHLOROETHANE	4.168	62	155173	8.567	UG/L	99
50) TRICHLOROETHENE	4.749	95	159403	9.630	UG/L	99
51) 1,2-DICHLOROPROPANE	4.947	63	149033	9.385	UG/L	99
52) DIBROMOMETHANE	5.050	93	71862	9.440	UG/L	99
54) 1,4-DIOXANE	5.086	88	9354	111.102	UG/L	# 92
55) BROMODICHLOROMETHANE	5.200	83	159092	9.038	UG/L	99
57) MIBK	5.751	43	792996	89.957	UG/L	99
58) CIS-1,3-DICHLOROPROPENE	5.601	75	170986	8.759	UG/L	97
59) TOLUENE	5.884	92	394855	9.222	UG/L	97
60) TRANS-1,3,-DICHLOROPRO...	6.087	75	118031	8.899	UG/L	97
62) 1,1,2-TRICHLOROETHANE	6.238	83	87589	9.642	UG/L	98
63) 2-HEXANONE	6.471	43	506825	85.372	UG/L	98
64) TETRACHLOROETHENE	6.352	164	144464	9.893	UG/L	99

Data File : V:\DATA\121712\VA352006.D
 Acq On : 17 Dec 2012 7:08 am
 Sample : B064751-BSD1
 InstName : GCMSVOA1
 Misc :
 Quant Time: Dec 17 07:23:19 2012

Vial: 6
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

679

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 13:10:19 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,3-DICHLOROPROPANE	6.377	76	170121	9.296	UG/L	97
66) DIBROMOCHLOROMETHANE	6.566	129	115983	9.596	UG/L	97
67) 1,2-DIBROMOETHANE	6.652	107	102541	10.578	UG/L	100
70) CHLOROBENZENE	7.075	112	442265	10.102	UG/L	98
71) 1,1,1,2-TETRACHLOROETHANE	7.153	131	127584	10.282	UG/L	99
72) ETHYLBENZENE	7.181	91	768010	10.057	UG/L	100
73) M/P-XYLENES	7.281	106	618172	20.063	UG/L	97
74) O-XYLENE	7.612	106	293411	9.672	UG/L	99
75) STYRENE	7.623	104	473280	9.636	UG/L	99
76) BROMOFORM	7.768	173	66135	9.785	UG/L	# 97
77) ISOPROPYLBENZENE	7.926	105	813168	10.276	UG/L	100
78) 1,1,2,2-TETRACHLOROETHANE	8.180	83	125925	9.865	UG/L	98
79) 1,4-DICHLORO-2-BUTENE(...	8.227	53	23411	8.065	UG/L	# 1
80) BROMOBENZENE	8.166	156	197379	10.042	UG/L	96
81) 1,2,3-TRICHLOROPROPANE	8.207	75	104546	10.204	UG/L	98
82) N-PROPYLBENZENE	8.271	91	970101	10.258	UG/L	100
83) 2-CHLOROTOLUENE	8.330	91	551745	9.734	UG/L	99
84) 1,3,5-TRIMETHYLBENZENE	8.424	105	695666	9.958	UG/L	99
85) 4-CHLOROTOLUENE	8.424	91	646952	9.676	UG/L	97
87) TERT-BUTYLBENZENE	8.691	119	604907	10.790	UG/L	99
88) 1,2,4-TRIMETHYLBENZENE	8.733	105	682462	10.665	UG/L	99
89) SEC-BUTYLBENZENE	8.875	105	974309	11.265	UG/L	99
90) 1,3-DICHLOROBENZENE	8.956	146	394240	10.338	UG/L	99
91) P-ISOPROPYLTOLUENE	9.003	119	804115	11.526	UG/L	99
92) 1,4-DICHLOROBENZENE	9.031	146	404684	10.748	UG/L	99
93) N-BUTYLBENZENE	9.343	91	737513	10.751	UG/L	98
94) 1,2-DICHLOROBENZENE	9.337	146	360690	10.209	UG/L	98
95) 1,2-DIBROMO-3-CHLOROPR...	9.991	75	12762	9.983	UG/L	85
96) 1,3,5-TRICHLOROBENZENE	10.166	180	286768	10.486	UG/L	99
97) 1,2,4-TRICHLOROBENZENE	10.678	180	177232	9.248	UG/L	97
98) HEXACHLOROBUTADIENE	10.831	225	161829	10.403	UG/L	96
99) NAPHTHALENE	10.878	128	179235	7.565	UG/L	100
100) 1,2,3-TRICHLOROBENZENE	11.081	180	142287	8.984	UG/L	97

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

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Page: 3

1 - FORM I

ANALYSIS DATA SHEET

Blank

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B064804-BLK1 File ID: VA353008.D
 Sampled: Prepared: 12/18/12 05:52 Analyzed: 12/18/12 08:03
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B064804 Sequence: S003718 Calibration: 1200210 Instrument: GCMSVOA1
 Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
67-64-1	Acetone		0.023	0.10	V-16
107-13-1	Acrylonitrile		0.0025	0.0060	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.00070	0.0010	
71-43-2	Benzene		0.00070	0.0020	
108-86-1	Bromobenzene		0.00080	0.0020	
74-97-5	Bromochloromethane		0.0014	0.0020	
75-27-4	Bromodichloromethane		0.00060	0.0020	
75-25-2	Bromoform		0.0014	0.0020	
74-83-9	Bromomethane		0.0017	0.010	
78-93-3	2-Butanone (MEK)		0.018	0.040	V-16
75-65-0	tert-Butyl Alcohol (TBA)		0.021	0.040	V-16
104-51-8	n-Butylbenzene		0.00070	0.0020	
135-98-8	sec-Butylbenzene		0.0010	0.0020	
98-06-6	tert-Butylbenzene		0.00090	0.0020	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.00060	0.0020	
75-15-0	Carbon Disulfide		0.0033	0.0060	
56-23-5	Carbon Tetrachloride		0.00080	0.0020	
108-90-7	Chlorobenzene		0.00070	0.0020	
124-48-1	Chlorodibromomethane		0.00070	0.0010	
75-00-3	Chloroethane		0.0015	0.020	
67-66-3	Chloroform		0.00070	0.0040	
74-87-3	Chloromethane		0.00090	0.010	
95-49-8	2-Chlorotoluene		0.00080	0.0020	
106-43-4	4-Chlorotoluene		0.00080	0.0020	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.0011	0.0020	V-16

1 - FORM I

ANALYSIS DATA SHEET

Blank

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B064804-BLK1 File ID: VA353008.D
 Sampled: Prepared: 12/18/12 05:52 Analyzed: 12/18/12 08:03
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B064804 Sequence: S003718 Calibration: 1200210 Instrument: GCMSVOA1
 Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.0010	0.0010	
74-95-3	Dibromomethane		0.00060	0.0020	
95-50-1	1,2-Dichlorobenzene		0.00070	0.0020	
541-73-1	1,3-Dichlorobenzene		0.00070	0.0020	
106-46-7	1,4-Dichlorobenzene		0.00080	0.0020	
110-57-6	trans-1,4-Dichloro-2-butene		0.0012	0.0040	
75-71-8	Dichlorodifluoromethane (Freon 12)		0.0013	0.020	
75-34-3	1,1-Dichloroethane		0.00070	0.0020	
107-06-2	1,2-Dichloroethane		0.0013	0.0020	
75-35-4	1,1-Dichloroethylene		0.0011	0.0040	
156-59-2	cis-1,2-Dichloroethylene		0.00080	0.0020	
156-60-5	trans-1,2-Dichloroethylene		0.00090	0.0020	
78-87-5	1,2-Dichloropropane		0.0013	0.0020	
142-28-9	1,3-Dichloropropane		0.00070	0.0010	
594-20-7	2,2-Dichloropropane		0.00090	0.0020	
563-58-6	1,1-Dichloropropene		0.00090	0.0020	
10061-01-5	cis-1,3-Dichloropropene		0.00070	0.0010	
10061-02-6	trans-1,3-Dichloropropene		0.00070	0.0010	
60-29-7	Diethyl Ether		0.0018	0.020	
108-20-3	Diisopropyl Ether (DIPE)		0.00060	0.0010	
123-91-1	1,4-Dioxane		0.058	0.10	V-16
100-41-4	Ethylbenzene		0.00080	0.0020	
87-68-3	Hexachlorobutadiene		0.0010	0.0020	
591-78-6	2-Hexanone (MBK)		0.011	0.020	
98-82-8	Isopropylbenzene (Cumene)		0.00070	0.0020	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.00080	0.0020	

1 - FORM I

ANALYSIS DATA SHEET

Blank

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B064804-BLK1 File ID: VA353008.D
 Sampled: Prepared: 12/18/12 05:52 Analyzed: 12/18/12 08:03
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B064804 Sequence: S003718 Calibration: 1200210 Instrument: GCMSVOA1
 Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.00090	0.0040	
75-09-2	Methylene Chloride		0.0071	0.020	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0076	0.020	
91-20-3	Naphthalene		0.00070	0.0040	V-05
103-65-1	n-Propylbenzene		0.00070	0.0020	
100-42-5	Styrene		0.00060	0.0020	
630-20-6	1,1,1,2-Tetrachloroethane		0.00090	0.0020	
79-34-5	1,1,2,2-Tetrachloroethane		0.00090	0.0010	
127-18-4	Tetrachloroethylene		0.0013	0.0020	
109-99-9	Tetrahydrofuran		0.0022	0.010	V-16
108-88-3	Toluene		0.00080	0.0020	
87-61-6	1,2,3-Trichlorobenzene		0.00060	0.0020	
120-82-1	1,2,4-Trichlorobenzene		0.00080	0.0020	
108-70-3	1,3,5-Trichlorobenzene		0.00070	0.0020	
71-55-6	1,1,1-Trichloroethane		0.0010	0.0020	
79-00-5	1,1,2-Trichloroethane		0.0012	0.0020	
79-01-6	Trichloroethylene		0.00090	0.0020	
75-69-4	Trichlorofluoromethane (Freon 11)		0.0011	0.010	
96-18-4	1,2,3-Trichloropropane		0.0011	0.0020	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		0.00090	0.010	
95-63-6	1,2,4-Trimethylbenzene		0.00080	0.0020	
108-67-8	1,3,5-Trimethylbenzene		0.00060	0.0020	
75-01-4	Vinyl Chloride		0.0011	0.010	
108383/106423	m+p Xylene		0.0017	0.0040	
95-47-6	o-Xylene		0.00070	0.0020	
	No TICs Found	0.0			

Data File : V:\DATA\121812\VA353008.D
 Acq On : 18 Dec 2012 8:03 am
 Sample : B064863-BLK1
 InstName : GCMSVOA1
 Misc :
 Quant Time: Dec 18 08:50:13 2012

Vial: 8
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 13:10:19 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.842	168	868928	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.521	114	1294367	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.052	117	1164919	30.00	UG/L	0.00
86) 1,4-DICHLOROBENZENE-D4...	9.011	152	597809	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.092	65	285569	23.85	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	95.40%	
48) TOLUENE SS	5.828	98	1291226	24.77	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	99.08%	
69) 4-BROMOFLUROBENZENE SS	8.046	95	431702	22.97	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	91.88%	
Target Compounds						
12) ACETONE	1.853	58	900	1.206	UG/L	Qvalue # 20
21) METHYLENE CHLORIDE	2.139	49	27615	Below	Cal	# 94
40) CYCLOHEXANE	3.839	56	15395	Below	Cal	# 19

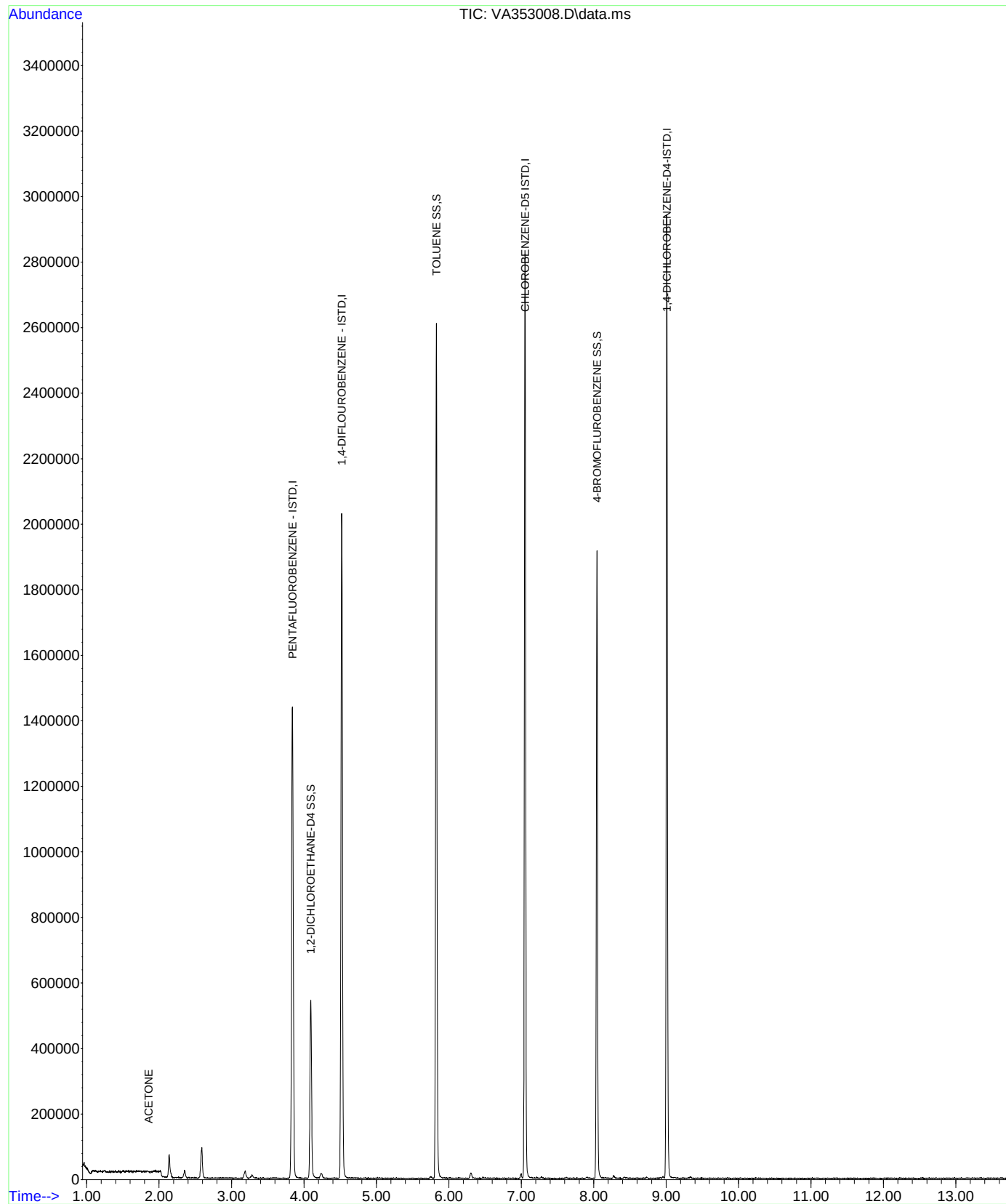
(#) = qualifier out of range (m) = manual integration (+) = signals summed

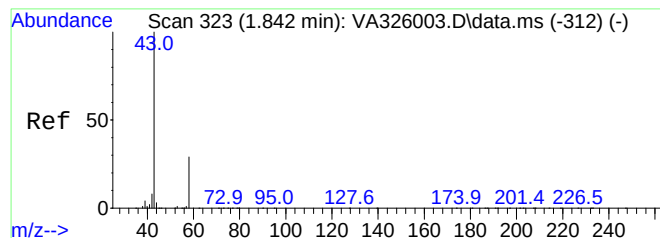
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Acq On : 18 Dec 2012 8:03 am
Sample : B064863-BLK1
InstName : GCMSV0A1
Misc :
Quant Time: Dec 18 08:50:13 2012

Vial: 8
Operator: MFF
Inst : GCMSV0A1
Multiplr: 1.00

685

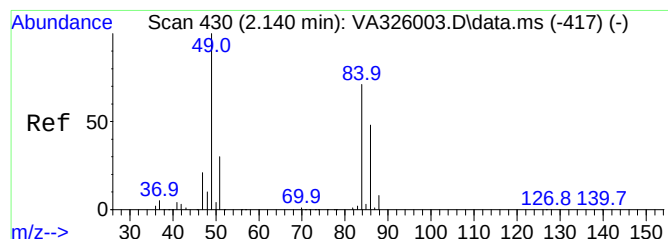
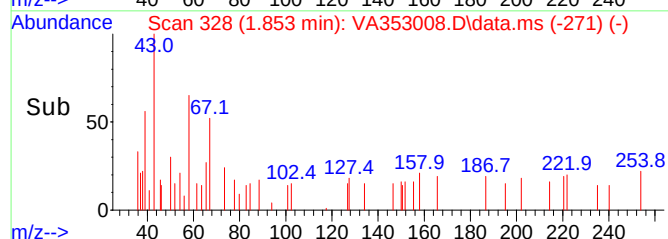
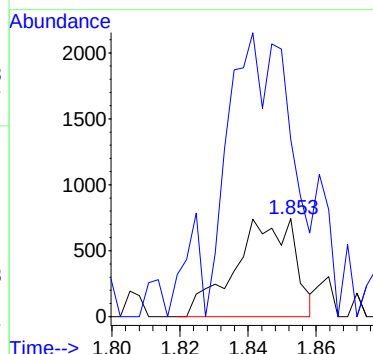
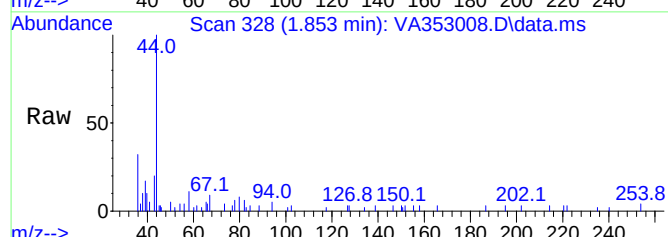
Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Mon Nov 12 13:10:19 2012
Response via : Initial Calibration
DataAcq Meth:821205S8





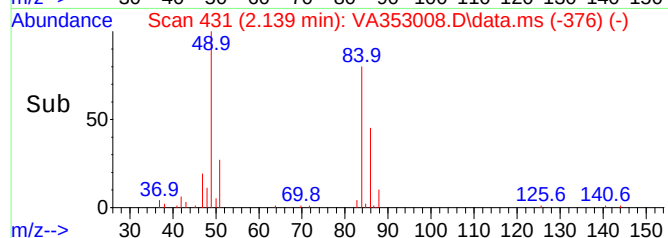
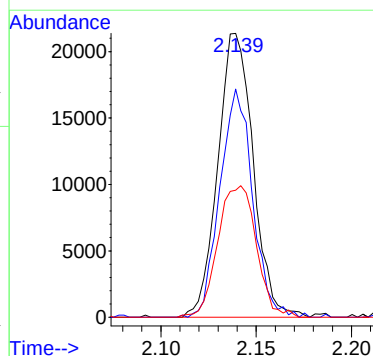
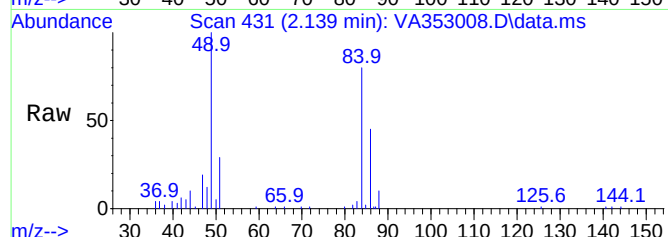
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ACETONE
Concen: 1.21 UG/L
RT: 1.853 min Scan# 328
Delta R.T. 0.011 min
Lab File: VA353008.D
Acq: 18 Dec 2012 8:03 am

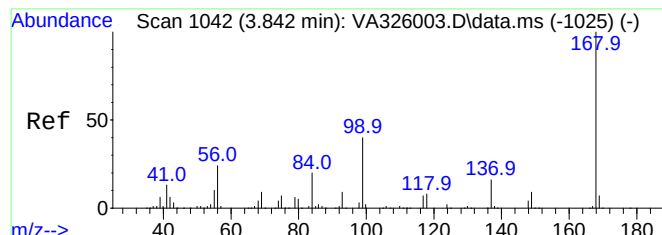
Tgt Ion: 58 Resp: 900
Ion Ratio Lower Upper
58 100
43 171.6 273.3 409.9#



#21
METHYLENE CHLORIDE
Concen: Below Cal
RT: 2.139 min Scan# 431
Delta R.T. 0.001 min
Lab File: VA353008.D
Acq: 18 Dec 2012 8:03 am

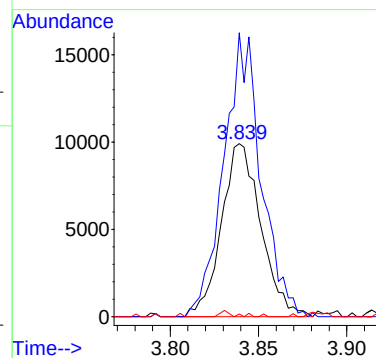
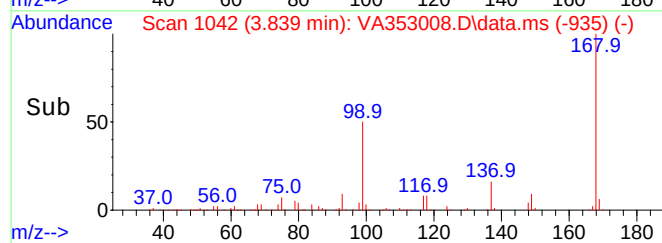
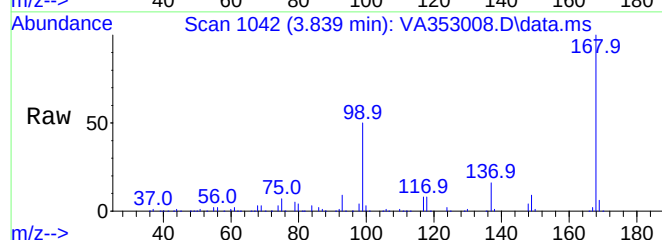
Tgt Ion: 49 Resp: 27615
Ion Ratio Lower Upper
49 100
84 74.3 55.8 83.8
86 50.4 37.3 55.9





#40
CYCLOHEXANE
Concen: Below Cal
RT: 3.839 min Scan# 1042
Delta R.T. -0.001 min
Lab File: VA353008.D
Acq: 18 Dec 2012 8:03 am

Tgt Ion	56	84	41
Ratio	100	155.0	0.8
Lower		64.5	44.6
Upper		96.7#	67.0#



1 - FORM I

ANALYSIS DATA SHEET

LCS

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B064804-BS1 File ID: VA353005.D
 Sampled: Prepared: 12/18/12 05:52 Analyzed: 12/18/12 06:40
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B064804 Sequence: S003718 Calibration: 1200210 Instrument: GCMSVOA1
 Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
67-64-1	Acetone	0.163	0.023	0.10	V-16
107-13-1	Acrylonitrile	0.0219	0.0025	0.0060	
994-05-8	tert-Amyl Methyl Ether (TAME)	0.0203	0.00070	0.0010	
71-43-2	Benzene	0.0209	0.00070	0.0020	
108-86-1	Bromobenzene	0.0195	0.00080	0.0020	
74-97-5	Bromochloromethane	0.0247	0.0014	0.0020	V-20
75-27-4	Bromodichloromethane	0.0198	0.00060	0.0020	
75-25-2	Bromoform	0.0193	0.0014	0.0020	
74-83-9	Bromomethane	0.0146	0.0017	0.010	
78-93-3	2-Butanone (MEK)	0.194	0.018	0.040	V-16
75-65-0	tert-Butyl Alcohol (TBA)	0.231	0.021	0.040	V-16
104-51-8	n-Butylbenzene	0.0215	0.00070	0.0020	
135-98-8	sec-Butylbenzene	0.0223	0.0010	0.0020	
98-06-6	tert-Butylbenzene	0.0212	0.00090	0.0020	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	0.0200	0.00060	0.0020	
75-15-0	Carbon Disulfide	0.0186	0.0033	0.0060	
56-23-5	Carbon Tetrachloride	0.0282	0.00080	0.0020	L-02, V-20
108-90-7	Chlorobenzene	0.0199	0.00070	0.0020	
124-48-1	Chlorodibromomethane	0.0198	0.00070	0.0010	
75-00-3	Chloroethane	0.0188	0.0015	0.020	
67-66-3	Chloroform	0.0202	0.00070	0.0040	
74-87-3	Chloromethane	0.0189	0.00090	0.010	
95-49-8	2-Chlorotoluene	0.0189	0.00080	0.0020	
106-43-4	4-Chlorotoluene	0.0192	0.00080	0.0020	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0.0194	0.0011	0.0020	V-16
106-93-4	1,2-Dibromoethane (EDB)	0.0221	0.0010	0.0010	

1 - FORM I

ANALYSIS DATA SHEET

LCS

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B064804-BS1 File ID: VA353005.D
 Sampled: Prepared: 12/18/12 05:52 Analyzed: 12/18/12 06:40
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B064804 Sequence: S003718 Calibration: 1200210 Instrument: GCMSVOA1
 Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
74-95-3	Dibromomethane	0.0194	0.00060	0.0020	
95-50-1	1,2-Dichlorobenzene	0.0205	0.00070	0.0020	
541-73-1	1,3-Dichlorobenzene	0.0202	0.00070	0.0020	
106-46-7	1,4-Dichlorobenzene	0.0210	0.00080	0.0020	
110-57-6	trans-1,4-Dichloro-2-butene	0.0173	0.0012	0.0040	
75-71-8	Dichlorodifluoromethane (Freon 12)	0.0118	0.0013	0.020	
75-34-3	1,1-Dichloroethane	0.0200	0.00070	0.0020	
107-06-2	1,2-Dichloroethane	0.0181	0.0013	0.0020	
75-35-4	1,1-Dichloroethylene	0.0181	0.0011	0.0040	
156-59-2	cis-1,2-Dichloroethylene	0.0214	0.00080	0.0020	
156-60-5	trans-1,2-Dichloroethylene	0.0208	0.00090	0.0020	
78-87-5	1,2-Dichloropropane	0.0189	0.0013	0.0020	
142-28-9	1,3-Dichloropropane	0.0196	0.00070	0.0010	
594-20-7	2,2-Dichloropropane	0.0215	0.00090	0.0020	
563-58-6	1,1-Dichloropropene	0.0202	0.00090	0.0020	
10061-01-5	cis-1,3-Dichloropropene	0.0180	0.00070	0.0010	
10061-02-6	trans-1,3-Dichloropropene	0.0180	0.00070	0.0010	
60-29-7	Diethyl Ether	0.0211	0.0018	0.020	
108-20-3	Diisopropyl Ether (DIPE)	0.0225	0.00060	0.0010	
123-91-1	1,4-Dioxane	0.236	0.058	0.10	V-16
100-41-4	Ethylbenzene	0.0197	0.00080	0.0020	
87-68-3	Hexachlorobutadiene	0.0211	0.0010	0.0020	
591-78-6	2-Hexanone (MBK)	0.193	0.011	0.020	
98-82-8	Isopropylbenzene (Cumene)	0.0200	0.00070	0.0020	
99-87-6	p-Isopropyltoluene (p-Cymene)	0.0224	0.00080	0.0020	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.0209	0.00090	0.0040	

1 - FORM I

ANALYSIS DATA SHEET

LCS

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B064804-BS1 File ID: VA353005.D
 Sampled: Prepared: 12/18/12 05:52 Analyzed: 12/18/12 06:40
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B064804 Sequence: S003718 Calibration: 1200210 Instrument: GCMSVOA1
 Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
75-09-2	Methylene Chloride	0.0175	0.0071	0.020	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.203	0.0076	0.020	
91-20-3	Naphthalene	0.0166	0.00070	0.0040	V-05
103-65-1	n-Propylbenzene	0.0201	0.00070	0.0020	
100-42-5	Styrene	0.0188	0.00060	0.0020	
630-20-6	1,1,1,2-Tetrachloroethane	0.0200	0.00090	0.0020	
79-34-5	1,1,2,2-Tetrachloroethane	0.0208	0.00090	0.0010	
127-18-4	Tetrachloroethylene	0.0200	0.0013	0.0020	
109-99-9	Tetrahydrofuran	0.0235	0.0022	0.010	V-16
108-88-3	Toluene	0.0182	0.00080	0.0020	
87-61-6	1,2,3-Trichlorobenzene	0.0192	0.00060	0.0020	
120-82-1	1,2,4-Trichlorobenzene	0.0193	0.00080	0.0020	
108-70-3	1,3,5-Trichlorobenzene	0.0207	0.00070	0.0020	
71-55-6	1,1,1-Trichloroethane	0.0211	0.0010	0.0020	
79-00-5	1,1,2-Trichloroethane	0.0198	0.0012	0.0020	
79-01-6	Trichloroethylene	0.0190	0.00090	0.0020	
75-69-4	Trichlorofluoromethane (Freon 11)	0.0195	0.0011	0.010	
96-18-4	1,2,3-Trichloropropane	0.0209	0.0011	0.0020	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0223	0.00090	0.010	
95-63-6	1,2,4-Trimethylbenzene	0.0211	0.00080	0.0020	
108-67-8	1,3,5-Trimethylbenzene	0.0192	0.00060	0.0020	
75-01-4	Vinyl Chloride	0.0163	0.0011	0.010	
108383/106423	m+p Xylene	0.0390	0.0017	0.0040	
95-47-6	o-Xylene	0.0188	0.00070	0.0020	

Data File : V:\DATA\121812\VA353005.D
 Acq On : 18 Dec 2012 6:40 am
 Sample : B064863-BS1
 InstName : GCMSVOA1
 Misc :
 Quant Time: Dec 18 06:56:43 2012

Vial: 5
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

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Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 13:10:19 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.840	168	953107	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.521	114	1354072	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.053	117	1293681	30.00	UG/L	0.00
86) 1,4-DICHLOROBENZENE-D4...	9.009	152	787368	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.093	65	309128	23.54	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	94.16%	
48) TOLUENE SS	5.826	98	1353260	24.81	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	99.24%	
69) 4-BROMOFLUROBENZENE SS	8.046	95	498118	23.86	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	95.44%	
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	0.980	85	87266	5.903	UG/L	100
5) CHLOROMETHANE	1.077	50	172905	9.450	UG/L	100
6) VINYL CHLORIDE	1.133	62	167063	8.170	UG/L	100
7) BROMOMETHANE	1.311	94	83380	7.319	UG/L	95
8) CHLOROETHANE	1.364	64	95168	9.379	UG/L	98
9) FLUORODICHLOROMETHANE	1.466	67	308561	10.900	UG/L	100
10) TRICHLOROFLUOROMETHANE	1.505	101	294996	9.731	UG/L	99
11) DI ETHYL ETHER	1.670	74	68794	10.532	UG/L	91
12) ACETONE	1.842	58	66850	81.638	UG/L	83
13) 1,1,2TRICL-1,2,2TRIFLE...	1.811	101	168183	11.161	UG/L	86
14) 1,1-DICHLOROETHENE	1.814	96	151980	9.062	UG/L	97
15) IODOMETHANE	1.914	142	315846	13.265	UG/L	95
16) METHYL ACETATE	2.065	43	61936	7.752	UG/L	99
17) T-BUTYL ALCOHOL	2.223	59	35813	115.598	UG/L	# 63
18) ACRYLONITRILE	2.326	53	33080	10.937	UG/L	# 88
21) METHYLENE CHLORIDE	2.140	49	219054	8.739	UG/L	95
22) CARBON DISULFIDE	1.962	76	456406	9.302	UG/L	99
23) METHYL TERT-BUTYL ETHE...	2.357	73	240121	10.468	UG/L	92
24) TRANS 1,2-DICHLOROETHENE	2.348	96	153196	10.407	UG/L	99
25) 1,1-DICHLOROETHANE	2.713	63	251094	9.989	UG/L	100
27) VINYL ACETATE	2.769	43	2403220	120.481	UG/L	99
28) DI ISOPROPYL ETHER	2.791	45	476754	11.254	UG/L	99
29) 2-BUTANONE	3.322	72	83835	97.119	UG/L	95
30) T-BUTYL ETHYL ETHER	3.166	59	270947	10.020	UG/L	98
31) CIS-1,2-DICHLOROETHENE	3.297	96	159932	10.702	UG/L	91
32) 2,2-DICHLOROPROPANE	3.294	77	119281	10.754	UG/L	94
36) BROMOCHLOROMETHANE	3.531	128	67258	12.375	UG/L	94
37) TETRAHYDROFURAN	3.584	72	9190	11.767	UG/L	# 86
38) CHLOROFORM	3.623	83	241187	10.105	UG/L	100
39) 1,1,1-TRICHLOROETHANE	3.792	97	192824	10.552	UG/L	95
40) CYCLOHEXANE	3.842	56	294709	11.731	UG/L	96
41) CARBON TETRACHLORIDE	3.951	117	163353	14.076	UG/L	100
42) 1,1-DICHLOROPROPENE	3.951	75	204100	10.099	UG/L	98
44) BENZENE	4.146	78	591954	10.453	UG/L	100
45) T-AMYL METHYL ETHER	4.276	73	218079	10.173	UG/L	# 79
47) METHYLCYCLOHEXANE	4.916	83	279728	12.308	UG/L	93
49) 1,2-DICHLOROETHANE	4.165	62	151564	9.046	UG/L	98
50) TRICHLOROETHENE	4.747	95	145777	9.521	UG/L	97
51) 1,2-DICHLOROPROPANE	4.944	63	139007	9.463	UG/L	98
52) DIBROMOMETHANE	5.044	93	68445	9.720	UG/L	95
54) 1,4-DIOXANE	5.080	88	9259	118.113	UG/L	# 83
55) BROMODICHLOROMETHANE	5.200	83	161344	9.909	UG/L	96
57) MIBK	5.748	43	826721	101.385	UG/L	99
58) CIS-1,3-DICHLOROPROPENE	5.598	75	163260	8.992	UG/L	95
59) TOLUENE	5.885	92	359847	9.086	UG/L	91
60) TRANS-1,3,-DICHLOROPRO...	6.085	75	110623	8.988	UG/L	95
62) 1,1,2-TRICHLOROETHANE	6.235	83	83313	9.915	UG/L	98
63) 2-HEXANONE	6.469	43	528664	96.270	UG/L	99
64) TETRACHLOROETHENE	6.352	164	135033	9.997	UG/L	99

Data File : V:\DATA\121812\VA353005.D
 Acq On : 18 Dec 2012 6:40 am
 Sample : B064863-BS1
 InstName : GCMSVOA1
 Misc :
 Quant Time: Dec 18 06:56:43 2012

Vial: 5
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

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Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 13:10:19 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,3-DICHLOROPROPANE	6.377	76	165744	9.791	UG/L	96
66) DIBROMOCHLOROMETHANE	6.566	129	111220	9.882	UG/L	96
67) 1,2-DIBROMOETHANE	6.650	107	99202	11.063	UG/L	99
70) CHLOROBENZENE	7.075	112	418528	9.939	UG/L	98
71) 1,1,1,2-TETRACHLOROETHANE	7.150	131	118760	10.015	UG/L	99
72) ETHYLBENZENE	7.181	91	723202	9.846	UG/L	100
73) M/P-XYLENES	7.281	106	577148	19.476	UG/L	96
74) O-XYLENE	7.609	106	274625	9.413	UG/L	99
75) STYRENE	7.623	104	442970	9.377	UG/L	99
76) BROMOFORM	7.765	173	62619	9.670	UG/L #	97
77) ISOPROPYLBENZENE	7.927	105	759543	9.979	UG/L	99
78) 1,1,2,2-TETRACHLOROETHANE	8.177	83	127949	10.422	UG/L	97
79) 1,4-DICHLORO-2-BUTENE(...	8.227	53	24457	8.635	UG/L #	1
80) BROMOBENZENE	8.163	156	184036	9.735	UG/L	97
81) 1,2,3-TRICHLOROPROPANE	8.205	75	103021	10.455	UG/L	96
82) N-PROPYLBENZENE	8.269	91	913574	10.044	UG/L	98
83) 2-CHLOROTOLUENE	8.333	91	513876	9.426	UG/L	99
84) 1,3,5-TRIMETHYLBENZENE	8.422	105	646324	9.619	UG/L	98
85) 4-CHLOROTOLUENE	8.422	91	617679	9.605	UG/L	98
87) TERT-BUTYLBENZENE	8.692	119	569986	10.599	UG/L	99
88) 1,2,4-TRIMETHYLBENZENE	8.733	105	646482	10.532	UG/L	99
89) SEC-BUTYLBENZENE	8.875	105	926549	11.168	UG/L	99
90) 1,3-DICHLOROBENZENE	8.953	146	369308	10.096	UG/L	99
91) P-ISOPROPYLTOLUENE	9.000	119	748879	11.191	UG/L	99
92) 1,4-DICHLOROBENZENE	9.031	146	379656	10.512	UG/L	100
93) N-BUTYLBENZENE	9.343	91	708156	10.762	UG/L	98
94) 1,2-DICHLOROBENZENE	9.337	146	346744	10.231	UG/L	98
95) 1,2-DIBROMO-3-CHLOROPR...	9.985	75	11874	9.713	UG/L #	80
96) 1,3,5-TRICHLOROBENZENE	10.166	180	271309	10.342	UG/L	99
97) 1,2,4-TRICHLOROBENZENE	10.678	180	177428	9.652	UG/L	98
98) HEXACHLOROBUTADIENE	10.831	225	157154	10.532	UG/L	98
99) NAPHTHALENE	10.878	128	190197	8.276	UG/L	100
100) 1,2,3-TRICHLOROBENZENE	11.079	180	145545	9.580	UG/L	96

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

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Page: 3

1 - FORM I

ANALYSIS DATA SHEET

LCS Dup

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B064804-BSD1 File ID: VA353006.D
 Sampled: Prepared: 12/18/12 05:52 Analyzed: 12/18/12 07:07
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B064804 Sequence: S003718 Calibration: 1200210 Instrument: GCMSVOA1
 Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
67-64-1	Acetone	0.166	0.023	0.10	V-16
107-13-1	Acrylonitrile	0.0218	0.0025	0.0060	
994-05-8	tert-Amyl Methyl Ether (TAME)	0.0196	0.00070	0.0010	
71-43-2	Benzene	0.0214	0.00070	0.0020	
108-86-1	Bromobenzene	0.0206	0.00080	0.0020	
74-97-5	Bromochloromethane	0.0241	0.0014	0.0020	V-20
75-27-4	Bromodichloromethane	0.0185	0.00060	0.0020	
75-25-2	Bromoform	0.0197	0.0014	0.0020	
74-83-9	Bromomethane	0.0165	0.0017	0.010	
78-93-3	2-Butanone (MEK)	0.194	0.018	0.040	V-16
75-65-0	tert-Butyl Alcohol (TBA)	0.239	0.021	0.040	V-16
104-51-8	n-Butylbenzene	0.0219	0.00070	0.0020	
135-98-8	sec-Butylbenzene	0.0234	0.0010	0.0020	
98-06-6	tert-Butylbenzene	0.0223	0.00090	0.0020	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	0.0199	0.00060	0.0020	
75-15-0	Carbon Disulfide	0.0186	0.0033	0.0060	
56-23-5	Carbon Tetrachloride	0.0285	0.00080	0.0020	L-02, V-20
108-90-7	Chlorobenzene	0.0207	0.00070	0.0020	
124-48-1	Chlorodibromomethane	0.0191	0.00070	0.0010	
75-00-3	Chloroethane	0.0195	0.0015	0.020	
67-66-3	Chloroform	0.0204	0.00070	0.0040	
74-87-3	Chloromethane	0.0197	0.00090	0.010	
95-49-8	2-Chlorotoluene	0.0198	0.00080	0.0020	
106-43-4	4-Chlorotoluene	0.0199	0.00080	0.0020	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0.0199	0.0011	0.0020	V-16
106-93-4	1,2-Dibromoethane (EDB)	0.0216	0.0010	0.0010	

1 - FORM I

ANALYSIS DATA SHEET

LCS Dup

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B064804-BSD1 File ID: VA353006.D
 Sampled: Prepared: 12/18/12 05:52 Analyzed: 12/18/12 07:07
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B064804 Sequence: S003718 Calibration: 1200210 Instrument: GCMSVOA1
 Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
74-95-3	Dibromomethane	0.0197	0.00060	0.0020	
95-50-1	1,2-Dichlorobenzene	0.0208	0.00070	0.0020	
541-73-1	1,3-Dichlorobenzene	0.0208	0.00070	0.0020	
106-46-7	1,4-Dichlorobenzene	0.0216	0.00080	0.0020	
110-57-6	trans-1,4-Dichloro-2-butene	0.0163	0.0012	0.0040	
75-71-8	Dichlorodifluoromethane (Freon 12)	0.0122	0.0013	0.020	
75-34-3	1,1-Dichloroethane	0.0204	0.00070	0.0020	
107-06-2	1,2-Dichloroethane	0.0181	0.0013	0.0020	
75-35-4	1,1-Dichloroethylene	0.0183	0.0011	0.0040	
156-59-2	cis-1,2-Dichloroethylene	0.0216	0.00080	0.0020	
156-60-5	trans-1,2-Dichloroethylene	0.0214	0.00090	0.0020	
78-87-5	1,2-Dichloropropane	0.0187	0.0013	0.0020	
142-28-9	1,3-Dichloropropane	0.0193	0.00070	0.0010	
594-20-7	2,2-Dichloropropane	0.0225	0.00090	0.0020	
563-58-6	1,1-Dichloropropene	0.0204	0.00090	0.0020	
10061-01-5	cis-1,3-Dichloropropene	0.0173	0.00070	0.0010	
10061-02-6	trans-1,3-Dichloropropene	0.0172	0.00070	0.0010	
60-29-7	Diethyl Ether	0.0211	0.0018	0.020	
108-20-3	Diisopropyl Ether (DIPE)	0.0225	0.00060	0.0010	
123-91-1	1,4-Dioxane	0.220	0.058	0.10	V-16
100-41-4	Ethylbenzene	0.0208	0.00080	0.0020	
87-68-3	Hexachlorobutadiene	0.0210	0.0010	0.0020	
591-78-6	2-Hexanone (MBK)	0.177	0.011	0.020	
98-82-8	Isopropylbenzene (Cumene)	0.0212	0.00070	0.0020	
99-87-6	p-Isopropyltoluene (p-Cymene)	0.0238	0.00080	0.0020	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.0210	0.00090	0.0040	

1 - FORM I

ANALYSIS DATA SHEET

LCS Dup

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B064804-BSD1 File ID: VA353006.D
 Sampled: Prepared: 12/18/12 05:52 Analyzed: 12/18/12 07:07
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B064804 Sequence: S003718 Calibration: 1200210 Instrument: GCMSVOA1
 Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
75-09-2	Methylene Chloride	0.0176	0.0071	0.020	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.190	0.0076	0.020	
91-20-3	Naphthalene	0.0163	0.00070	0.0040	V-05
103-65-1	n-Propylbenzene	0.0209	0.00070	0.0020	
100-42-5	Styrene	0.0199	0.00060	0.0020	
630-20-6	1,1,1,2-Tetrachloroethane	0.0203	0.00090	0.0020	
79-34-5	1,1,2,2-Tetrachloroethane	0.0205	0.00090	0.0010	
127-18-4	Tetrachloroethylene	0.0200	0.0013	0.0020	
109-99-9	Tetrahydrofuran	0.0247	0.0022	0.010	V-16
108-88-3	Toluene	0.0186	0.00080	0.0020	
87-61-6	1,2,3-Trichlorobenzene	0.0189	0.00060	0.0020	
120-82-1	1,2,4-Trichlorobenzene	0.0188	0.00080	0.0020	
108-70-3	1,3,5-Trichlorobenzene	0.0208	0.00070	0.0020	
71-55-6	1,1,1-Trichloroethane	0.0215	0.0010	0.0020	
79-00-5	1,1,2-Trichloroethane	0.0198	0.0012	0.0020	
79-01-6	Trichloroethylene	0.0191	0.00090	0.0020	
75-69-4	Trichlorofluoromethane (Freon 11)	0.0194	0.0011	0.010	
96-18-4	1,2,3-Trichloropropane	0.0214	0.0011	0.0020	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0227	0.00090	0.010	
95-63-6	1,2,4-Trimethylbenzene	0.0217	0.00080	0.0020	
108-67-8	1,3,5-Trimethylbenzene	0.0204	0.00060	0.0020	
75-01-4	Vinyl Chloride	0.0171	0.0011	0.010	
108383/106423	m+p Xylene	0.0413	0.0017	0.0040	
95-47-6	o-Xylene	0.0201	0.00070	0.0020	

Data File : V:\DATA\121812\VA353006.D
 Acq On : 18 Dec 2012 7:07 am
 Sample : B064863-BSD1
 InstName : GCMSVOA1
 Misc :
 Quant Time: Dec 18 07:31:55 2012

Vial: 6
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

697

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 13:10:19 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.842	168	941906	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.521	114	1374495	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.053	117	1245803	30.00	UG/L	0.00
86) 1,4-DICHLOROBENZENE-D4...	9.011	152	762444	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.095	65	302483	23.31	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	93.24%	
48) TOLUENE SS	5.829	98	1352369	24.43	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	97.72%	
69) 4-BROMOFLUROBENZENE SS	8.043	95	487458	24.25	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	97.00%	
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	0.982	85	89463	6.124	UG/L	99
5) CHLOROMETHANE	1.077	50	178367	9.865	UG/L	99
6) VINYL CHLORIDE	1.135	62	172430	8.533	UG/L	99
7) BROMOMETHANE	1.310	94	92952	8.257	UG/L	98
8) CHLOROETHANE	1.363	64	97623	9.735	UG/L	100
9) FLUORODICHLOROMETHANE	1.469	67	313799	11.217	UG/L	100
10) TRICHLOROFLUOROMETHANE	1.505	101	291010	9.713	UG/L	99
11) DI ETHYL ETHER	1.669	74	68003	10.535	UG/L	92
12) ACETONE	1.845	58	67307	83.173	UG/L	92
13) 1,1,2TRICL-1,2,2TRIFLE...	1.814	101	168868	11.340	UG/L	86
14) 1,1-DICHLOROETHENE	1.814	96	151905	9.165	UG/L	98
15) IODOMETHANE	1.914	142	302416	12.944	UG/L	98
16) METHYL ACETATE	2.067	43	58265	7.380	UG/L	# 96
17) T-BUTYL ALCOHOL	2.223	59	36575	119.462	UG/L	# 68
18) ACRYLONITRILE	2.326	53	32584	10.901	UG/L	# 90
21) METHYLENE CHLORIDE	2.139	49	217930	8.817	UG/L	95
22) CARBON DISULFIDE	1.961	76	451983	9.321	UG/L	100
23) METHYL TERT-BUTYL ETHE...	2.354	73	238229	10.509	UG/L	95
24) TRANS 1,2-DICHLOROETHENE	2.351	96	155502	10.690	UG/L	97
25) 1,1-DICHLOROETHANE	2.713	63	253466	10.203	UG/L	99
27) VINYL ACETATE	2.768	43	2343918	118.905	UG/L	99
28) DI ISOPROPYL ETHER	2.790	45	471177	11.255	UG/L	99
29) 2-BUTANONE	3.322	72	82928	97.210	UG/L	99
30) T-BUTYL ETHYL ETHER	3.166	59	265992	9.954	UG/L	97
31) CIS-1,2-DICHLOROETHENE	3.300	96	159417	10.794	UG/L	93
32) 2,2-DICHLOROPROPANE	3.297	77	123543	11.271	UG/L	97
36) BROMOCHLOROMETHANE	3.533	128	64778	12.060	UG/L	96
37) TETRAHYDROFURAN	3.589	72	9548	12.370	UG/L	94
38) CHLOROFORM	3.622	83	240917	10.214	UG/L	100
39) 1,1,1-TRICHLOROETHANE	3.792	97	194268	10.757	UG/L	97
40) CYCLOHEXANE	3.842	56	294179	11.862	UG/L	96
41) CARBON TETRACHLORIDE	3.951	117	163652	14.270	UG/L	99
42) 1,1-DICHLOROPROPENE	3.953	75	204071	10.218	UG/L	97
44) BENZENE	4.145	78	599070	10.704	UG/L	100
45) T-AMYL METHYL ETHER	4.276	73	207299	9.785	UG/L	# 77
47) METHYLCYCLOHEXANE	4.916	83	278057	12.053	UG/L	95
49) 1,2-DICHLOROETHANE	4.165	62	153609	9.032	UG/L	98
50) TRICHLOROETHENE	4.749	95	148622	9.563	UG/L	98
51) 1,2-DICHLOROPROPANE	4.947	63	139182	9.334	UG/L	# 97
52) DIBROMOMETHANE	5.050	93	70551	9.870	UG/L	98
54) 1,4-DIOXANE	5.077	88	8695	110.100	UG/L	# 88
55) BROMODICHLOROMETHANE	5.203	83	152923	9.253	UG/L	99
57) MIBK	5.748	43	785422	94.889	UG/L	99
58) CIS-1,3-DICHLOROPROPENE	5.600	75	157964	8.643	UG/L	97
59) TOLUENE	5.884	92	374808	9.323	UG/L	97
60) TRANS-1,3,-DICHLOROPRO...	6.087	75	105712	8.586	UG/L	98
62) 1,1,2-TRICHLOROETHANE	6.238	83	84505	9.907	UG/L	98
63) 2-HEXANONE	6.468	43	493997	88.621	UG/L	99
64) TETRACHLOROETHENE	6.349	164	136902	9.985	UG/L	99

Data File : V:\DATA\121812\VA353006.D
 Acq On : 18 Dec 2012 7:07 am
 Sample : B064863-BSD1
 InstName : GCMSVOA1
 Misc :
 Quant Time: Dec 18 07:31:55 2012

Vial: 6
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

698

Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
 Quant Title : 8260 SOIL CALIBRATION (FRONT)
 QLast Update : Mon Nov 12 13:10:19 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,3-DICHLOROPROPANE	6.377	76	165985	9.659	UG/L	99
66) DIBROMOCHLOROMETHANE	6.566	129	107998	9.532	UG/L	99
67) 1,2-DIBROMOETHANE	6.652	107	98501	10.822	UG/L	98
70) CHLOROBENZENE	7.075	112	418984	10.333	UG/L	98
71) 1,1,1,2-TETRACHLOROETHANE	7.153	131	116511	10.166	UG/L	98
72) ETHYLBENZENE	7.181	91	735284	10.396	UG/L	99
73) M/P-XYLENES	7.281	106	588707	20.629	UG/L	97
74) O-XYLENE	7.612	106	282796	10.065	UG/L	96
75) STYRENE	7.623	104	452667	9.951	UG/L	99
76) BROMOFORM	7.768	173	61954	9.869	UG/L #	98
77) ISOPROPYLBENZENE	7.926	105	775707	10.583	UG/L	100
78) 1,1,2,2-TETRACHLOROETHANE	8.177	83	121020	10.236	UG/L	99
79) 1,4-DICHLORO-2-BUTENE(...	8.227	53	21983	8.156	UG/L #	1
80) BROMOBENZENE	8.163	156	187803	10.316	UG/L	96
81) 1,2,3-TRICHLOROPROPANE	8.204	75	101391	10.685	UG/L	98
82) N-PROPYLBENZENE	8.271	91	914816	10.444	UG/L	99
83) 2-CHLOROTOLUENE	8.332	91	519034	9.886	UG/L	98
84) 1,3,5-TRIMETHYLBENZENE	8.422	105	659324	10.189	UG/L	98
85) 4-CHLOROTOLUENE	8.422	91	614713	9.927	UG/L	97
87) TERT-BUTYLBENZENE	8.691	119	580218	11.142	UG/L	98
88) 1,2,4-TRIMETHYLBENZENE	8.733	105	645161	10.854	UG/L	100
89) SEC-BUTYLBENZENE	8.875	105	939098	11.689	UG/L	98
90) 1,3-DICHLOROBENZENE	8.953	146	367646	10.379	UG/L	99
91) P-ISOPROPYLTOLUENE	9.003	119	770528	11.891	UG/L	99
92) 1,4-DICHLOROBENZENE	9.028	146	378094	10.811	UG/L	99
93) N-BUTYLBENZENE	9.342	91	696245	10.927	UG/L	98
94) 1,2-DICHLOROBENZENE	9.337	146	340911	10.388	UG/L	99
95) 1,2-DIBROMO-3-CHLOROPR...	9.988	75	11828	9.963	UG/L	91
96) 1,3,5-TRICHLOROBENZENE	10.166	180	264151	10.398	UG/L	97
97) 1,2,4-TRICHLOROBENZENE	10.678	180	167040	9.384	UG/L	96
98) HEXACHLOROBUTADIENE	10.831	225	151433	10.480	UG/L	97
99) NAPHTHALENE	10.878	128	180417	8.125	UG/L	100
100) 1,2,3-TRICHLOROBENZENE	11.078	180	138971	9.447	UG/L	96

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

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Page: 3

1 - FORM I

ANALYSIS DATA SHEET

Blank

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Water Laboratory ID: B065019-BLK1 File ID: ve355037.D
 Sampled: Prepared: 12/20/12 10:09 Analyzed: 12/21/12 04:32
 Solids: Preparation: SW-846 5030B Dilution:
 Batch: B065019 Sequence: S003719 Calibration: 1200253 Instrument: GCMSVOA5
 Column: 1

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone		0.54	50	
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	V-05
74-83-9	Bromomethane		0.38	2.0	R-05
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	1.0	
135-98-8	sec-Butylbenzene		0.050	1.0	
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	L-04, 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	

1 - FORM I

ANALYSIS DATA SHEET

Blank

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Water Laboratory ID: B065019-BLK1 File ID: ve355037.D
 Sampled: Prepared: 12/20/12 10:09 Analyzed: 12/21/12 04:32
 Solids: Preparation: SW-846 5030B Dilution:
 Batch: B065019 Sequence: S003719 Calibration: 1200253 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	L-04, 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	V-05
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	100	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	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.060	1.0	

1 - FORM I

ANALYSIS DATA SHEET

Blank

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Water Laboratory ID: B065019-BLK1 File ID: ve355037.D
 Sampled: Prepared: 12/20/12 10:09 Analyzed: 12/21/12 04:32
 Solids: Preparation: SW-846 5030B Dilution:
 Batch: B065019 Sequence: S003719 Calibration: 1200253 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	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.22	10	
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	V-16
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 113)		0.11	1.0	
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	
	No TICs Found	0.0			

Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355037.D
 Acq On : 21 Dec 2012 4:32 am
 Operator :
 Sample : B0-BLK1
 Misc : 1
 ALS Vial : 37 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 21 07:23:38 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

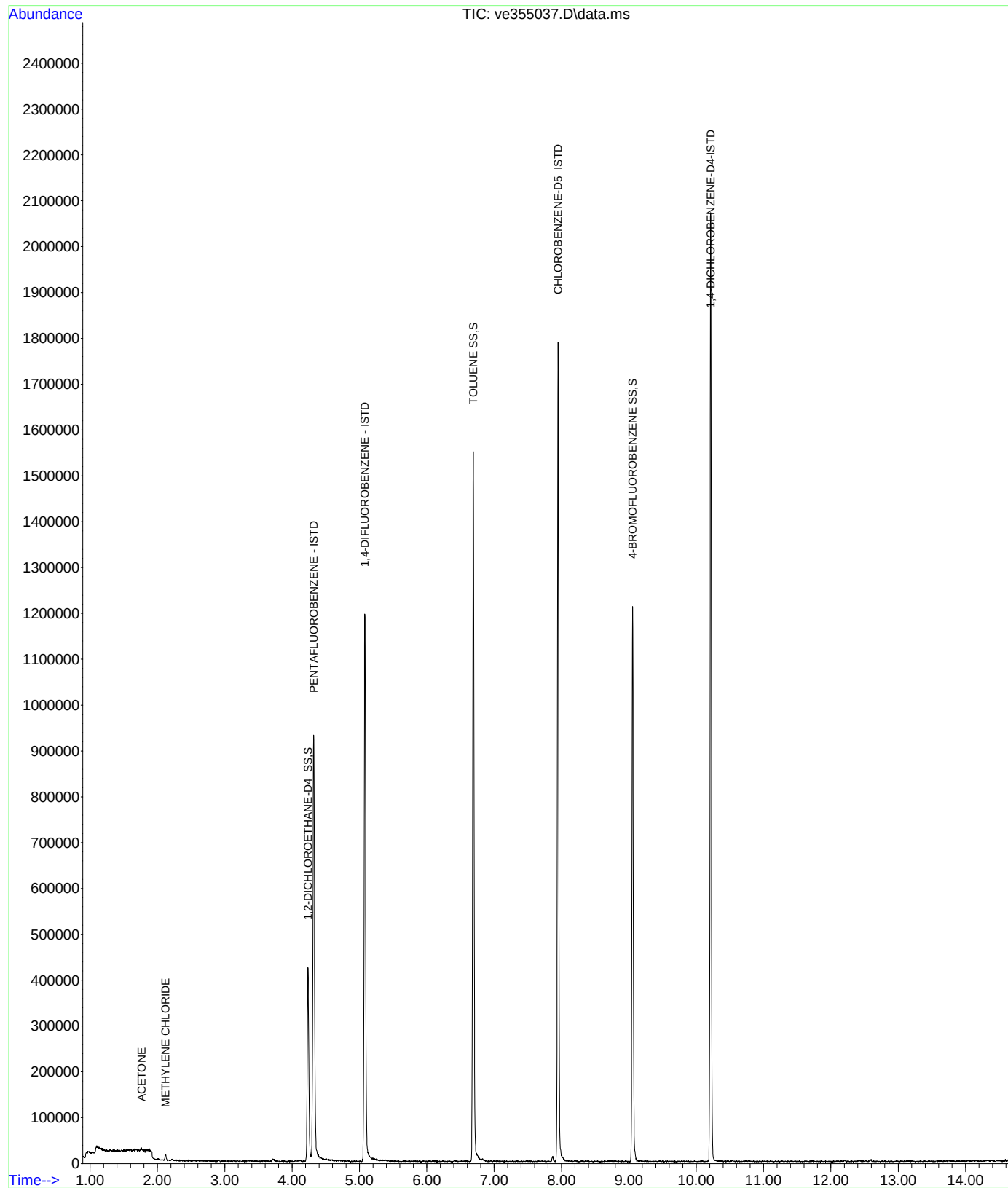
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.322	168	574178	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.078	114	860085	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	425214	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	453697	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	244648	25.64	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	102.56%	
48) TOLUENE SS	6.690	98	844425	25.19	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	100.76%	
70) 4-BROMOFLUOROBENZENE SS	9.055	95	315294	24.74	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	98.96%	
Target Compounds						Qvalue
14) ACETONE	1.762	43	2015	1.80	UG/L #	82
22) METHYLENE CHLORIDE	2.119	49	4944	0.73	UG/L #	77

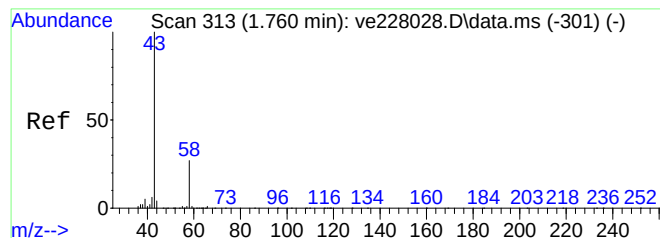
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\DATA\122012\
Data File : ve355037.D
Acq On : 21 Dec 2012 4:32 am
Operator :
Sample : B0-BLK1
Misc : 1
ALS Vial : 37 Sample Multiplier: 1

Inst : GCMSV0A5

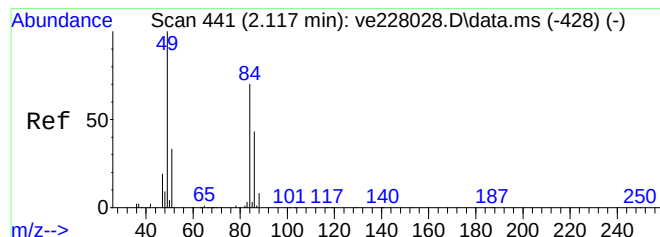
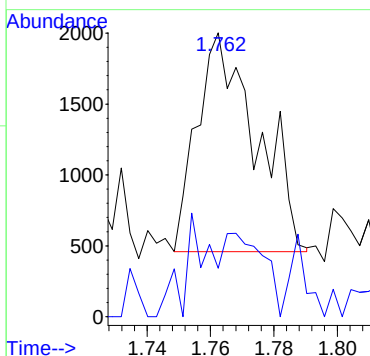
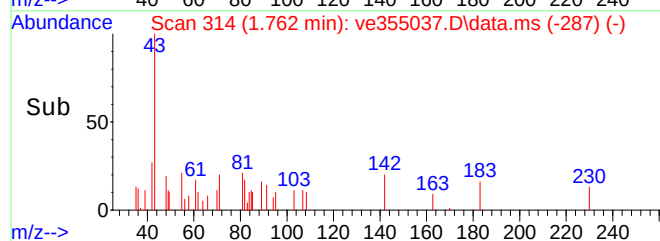
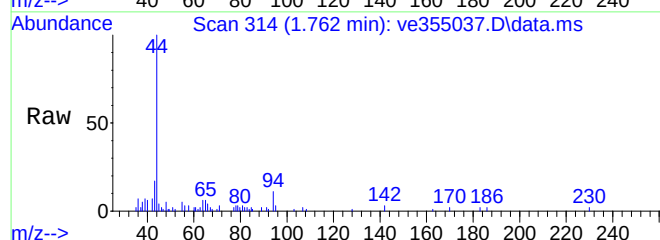
Quant Time: Dec 21 07:23:38 2012
Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Sun Nov 18 11:06:04 2012
Response via : Initial Calibration





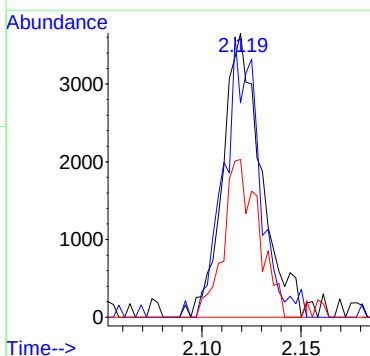
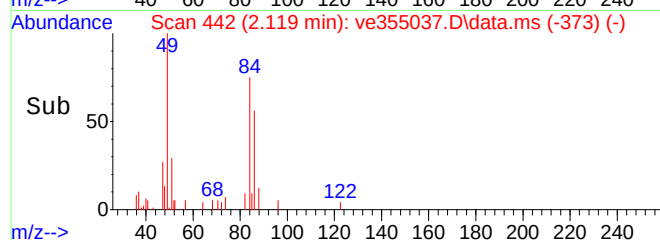
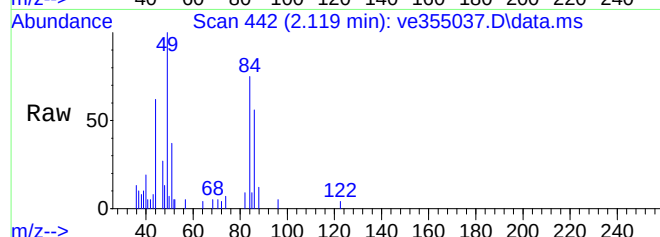
#14
 ACETONE
 Concen: 1.80 UG/L
 RT: 1.762 min Scan# 314
 Delta R.T. 0.002 min
 Lab File: ve355037.D
 Acq: 21 Dec 2012 4:32 am

Tgt Ion: 43 Resp: 2015
 Ion Ratio Lower Upper
 43 100
 58 25.0 28.2 42.4#



#22
 METHYLENE CHLORIDE
 Concen: 0.73 UG/L
 RT: 2.119 min Scan# 442
 Delta R.T. 0.003 min
 Lab File: ve355037.D
 Acq: 21 Dec 2012 4:32 am

Tgt Ion: 49 Resp: 4944
 Ion Ratio Lower Upper
 49 100
 84 86.8 52.4 78.6#
 86 50.6 32.2 48.2#



1 - FORM I

ANALYSIS DATA SHEET

LCS

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Water Laboratory ID: B065019-BS1 File ID: ve355033.D
 Sampled: Prepared: 12/20/12 10:09 Analyzed: 12/21/12 02:48
 Solids: Preparation: SW-846 5030B Dilution:
 Batch: B065019 Sequence: S003719 Calibration: 1200253 Instrument: GCMSVOA5
 Column: 1

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	171	0.54	50	L-02, V-20
107-13-1	Acrylonitrile	11.1	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.5	0.11	0.50	
71-43-2	Benzene	10.6	0.050	1.0	
108-86-1	Bromobenzene	9.61	0.10	1.0	
74-97-5	Bromochloromethane	9.19	0.10	1.0	
75-27-4	Bromodichloromethane	8.82	0.080	0.50	
75-25-2	Bromoform	7.71	0.25	1.0	V-05
74-83-9	Bromomethane	9.19	0.38	2.0	R-05, V-20
78-93-3	2-Butanone (MEK)	126	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	107	3.5	20	V-16
104-51-8	n-Butylbenzene	9.43	0.050	1.0	
135-98-8	sec-Butylbenzene	9.81	0.050	1.0	
98-06-6	tert-Butylbenzene	9.71	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	10.3	0.070	0.50	
75-15-0	Carbon Disulfide	9.83	0.050	4.0	
56-23-5	Carbon Tetrachloride	10.1	0.090	5.0	
108-90-7	Chlorobenzene	10.6	0.050	1.0	
124-48-1	Chlorodibromomethane	8.45	0.12	0.50	
75-00-3	Chloroethane	12.0	0.33	2.0	
67-66-3	Chloroform	10.9	0.040	2.0	
74-87-3	Chloromethane	4.21	0.13	2.0	L-04, V-05
95-49-8	2-Chlorotoluene	9.88	0.050	1.0	
106-43-4	4-Chlorotoluene	10.0	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	7.34	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	10.3	0.14	0.50	

1 - FORM I

ANALYSIS DATA SHEET

LCS

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Water Laboratory ID: B065019-BS1 File ID: ve355033.D
 Sampled: Prepared: 12/20/12 10:09 Analyzed: 12/21/12 02:48
 Solids: Preparation: SW-846 5030B Dilution:
 Batch: B065019 Sequence: S003719 Calibration: 1200253 Instrument: GCMSVOA5
 Column: 1

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	10.1	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	9.40	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	9.59	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	9.89	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	6.26	0.77	2.0	L-04, V-05
75-71-8	Dichlorodifluoromethane (Freon 12)	5.81	0.040	2.0	
75-34-3	1,1-Dichloroethane	10.6	0.090	1.0	
107-06-2	1,2-Dichloroethane	9.65	0.090	1.0	
75-35-4	1,1-Dichloroethylene	9.98	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	9.73	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.2	0.070	1.0	
78-87-5	1,2-Dichloropropane	9.44	0.20	1.0	
142-28-9	1,3-Dichloropropane	10.0	0.080	0.50	
594-20-7	2,2-Dichloropropane	8.74	0.13	1.0	
563-58-6	1,1-Dichloropropene	10.9	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	8.39	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	8.27	0.12	0.50	V-05
60-29-7	Diethyl Ether	12.6	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	10.6	0.030	0.50	
123-91-1	1,4-Dioxane	119	3.5	100	V-16
100-41-4	Ethylbenzene	10.3	0.050	1.0	
87-68-3	Hexachlorobutadiene	9.17	0.26	0.50	
591-78-6	2-Hexanone (MBK)	93.1	0.66	10	V-20
98-82-8	Isopropylbenzene (Cumene)	10.1	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	9.93	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	11.4	0.050	1.0	

1 - FORM I

ANALYSIS DATA SHEET

LCS

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Water Laboratory ID: B065019-BS1 File ID: ve355033.D
 Sampled: Prepared: 12/20/12 10:09 Analyzed: 12/21/12 02:48
 Solids: Preparation: SW-846 5030B Dilution:
 Batch: B065019 Sequence: S003719 Calibration: 1200253 Instrument: GCMSVOA5
 Column: 1

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	10.9	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	91.9	0.22	10	
91-20-3	Naphthalene	8.45	0.21	2.0	
103-65-1	n-Propylbenzene	10.1	0.040	1.0	
100-42-5	Styrene	9.84	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	8.95	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	9.53	0.18	0.50	
127-18-4	Tetrachloroethylene	10.9	0.14	1.0	
109-99-9	Tetrahydrofuran	11.5	1.0	10	V-16
108-88-3	Toluene	10.6	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	8.95	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	9.00	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	9.35	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	10.3	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	9.64	0.080	1.0	
79-01-6	Trichloroethylene	9.67	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	13.1	0.070	2.0	L-02, V-20
96-18-4	1,2,3-Trichloropropane	9.89	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.9	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	9.38	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	10.1	0.060	1.0	
75-01-4	Vinyl Chloride	10.6	0.16	2.0	
108383/106423	m+p Xylene	20.6	0.070	2.0	
95-47-6	o-Xylene	10.1	0.050	1.0	

Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355033.D
 Acq On : 21 Dec 2012 2:48 am
 Operator :
 Sample : B0-BS1
 Misc : 1
 ALS Vial : 33 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 21 07:22:13 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.322	168	612644	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.078	114	917142	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	449897	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	502840	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	253427	24.90	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.60%		
48) TOLUENE SS	6.690	98	889513	24.88	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.52%		
70) 4-BROMOFLUOROBENZENE SS	9.055	95	334029	24.77	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.08%		
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	0.957	85	49690	5.81	UG/L	99
5) CHLOROMETHANE	1.035	50	40688	4.21	UG/L	97
6) VINYL CHLORIDE	1.116	62	87544	10.59	UG/L	95
7) BROMOMETHANE	1.297	94	30433	9.19	UG/L	88
8) CHLOROETHANE	1.372	64	44683	12.00	UG/L #	78
10) FLUORODICHLOROMETHANE	1.406	67	155454	12.09	UG/L	93
11) TRICHLOROFLUOROMETHANE	1.676	101	153691	13.07	UG/L	99
12) DI ETHYL ETHER	1.843	59	55026	12.57	UG/L #	87
13) ACROLEIN	1.679	56	110662	260.97	UG/L	100
14) ACETONE	1.763	43	203393	170.68	UG/L	91
15) 1,1-DICHLOROETHENE	2.002	61	91023	9.98	UG/L	99
16) 1,1,2-TRICL-1,2,2-TRIF...	2.170	101	64474	11.89	UG/L	100
17) IODOMETHANE	2.008	142	92922	15.10	UG/L	93
20) T-BUTYL ALCOHOL	2.067	59	28969	107.29	UG/L #	97
21) ACRYLONITRILE	2.072	53	15379	11.06	UG/L	96
22) METHYLENE CHLORIDE	2.119	49	78854	10.90	UG/L #	69
23) CARBON DISULFIDE	2.217	76	178398	9.83	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.803	73	142126	11.43	UG/L #	64
25) TRANS 1,2-DICHLOROETHENE	2.652	61	82850	10.17	UG/L	86
26) 1,1-DICHLOROETHANE	2.884	63	106926	10.56	UG/L #	96
28) VINYL ACETATE	3.121	43	810464	86.36	UG/L #	93
30) DI ISOPROYL ETHER	3.447	45	152140	10.62	UG/L #	83
31) 2-BUTANONE	3.380	43	172848	126.26	UG/L #	88
33) T-BUTYL ETHYL ETHER	3.840	59	153296	10.32	UG/L #	89
34) CIS-1,2-DICHLOROETHENE	3.469	61	83473	9.73	UG/L #	80
35) 2,2-DICHLOROPROPANE	3.745	77	76862	8.74	UG/L	99
36) ETHYL ACETATE	3.793	43	30871	9.06	UG/L #	91
37) BROMOCHLOROMETHANE	3.614	49	44389	9.19	UG/L #	66
38) TETRAHYDROFURAN	4.013	42	10817m	11.54	UG/L	
39) CHLOROFORM	3.687	83	117948	10.89	UG/L	97
41) 1,1,1-TRICHLOROETHANE	4.389	97	101613	10.28	UG/L	94
42) CYCLOHEXANE	4.635	56	97396	11.26	UG/L #	71
43) CARBON TETRACHLORIDE	4.718	117	86972	10.12	UG/L	94
44) 1,1-DICHLOROPROPENE	4.587	75	89898	10.91	UG/L	97
45) BENZENE	4.777	78	250776	10.61	UG/L	100
46) T-AMYL METHYL ETHER	5.017	73	144560	10.51	UG/L #	93
49) 1,2-DICHLOROETHANE	4.309	62	83195	9.65	UG/L #	82
50) METHYL METHACRYLATE	5.840	41	43172	10.48	UG/L #	74
51) TRICHLOROETHENE	5.393	95	67916	9.67	UG/L	96
52) METHYLCYCLOHEXANE	5.837	83	116619	12.24	UG/L #	80
53) 1,2-DICHLOROPROPANE	5.343	63	61575	9.44	UG/L #	94
54) DIBROMOMETHANE	5.290	93	42877	10.14	UG/L #	83
55) 1,4-DIOXANE	5.602	88	5566m	118.94	UG/L	
56) BROMODICHLOROMETHANE	5.430	83	83823	8.82	UG/L	97
57) 2-CHLOROETHYL VINYLETHER	5.929	63	607	0.47	UG/L #	18
58) MIBK	6.224	43	392159	91.89	UG/L #	97
59) CIS-1,3-DICHLOROPROPENE	6.063	75	88613	8.39	UG/L	95
60) TOLUENE	6.751	91	288647	10.57	UG/L	99

Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355033.D
 Acq On : 21 Dec 2012 2:48 am
 Operator :
 Sample : B0-BS1
 Misc : 1
 ALS Vial : 33 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 21 07:22:13 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

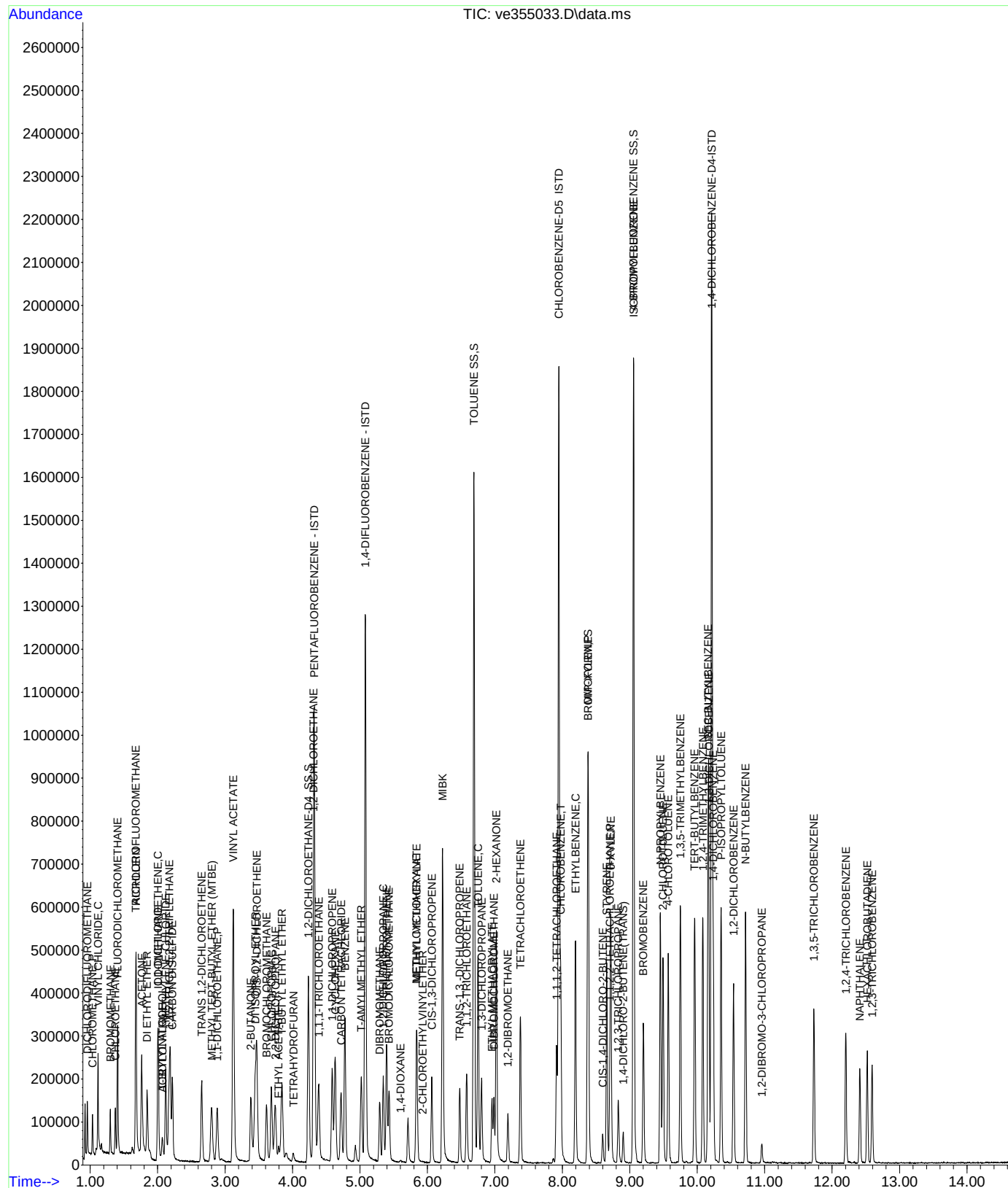
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) TRANS-1,3,-DICHLOROPRO...	6.478	75	73224	8.27	UG/L	96
62) ETHYL METHACRYLATE	6.955	69	61750	9.17	UG/L #	85
63) 1,1,2-TRICHLOROETHANE	6.581	97	54894	9.64	UG/L	98
64) 2-HEXANONE	7.022	43	277997	93.09	UG/L	97
65) TETRACHLOROETHENE	7.379	166	81385	10.88	UG/L	96
66) 1,3-DICHLOROPROPANE	6.802	76	88069	10.01	UG/L	97
67) DIBROMOCHLOROMETHANE	6.986	129	62320	8.45	UG/L	99
68) 1,2-DIBROMOETHANE	7.192	107	60454	10.28	UG/L #	97
71) CHLOROBENZENE	7.976	112	197830	10.59	UG/L	98
72) 1,1,1,2-TETRACHLOROETHANE	7.917	131	59569	8.95	UG/L	97
73) ETHYLBENZENE	8.196	91	316678	10.27	UG/L	94
74) M/P-XYLENES	8.383	91	504895	20.57	UG/L	99
75) O-XYLENE	8.720	91	253234	10.14	UG/L	97
76) STYRENE	8.659	104	189770	9.84	UG/L	99
77) BROMOFORM	8.377	173	36810	7.71	UG/L	100
78) ISOPROPYLBENZENE	9.058	105	330091	10.10	UG/L	98
79) CIS-1,4-DICHLORO-2-BUTENE	8.600	53	11179	5.71	UG/L	89
80) 1,1,2,2-TETRACHLOROETHANE	8.703	83	66864	9.53	UG/L	98
81) 1,4-DICHLORO-2-BUTENE(...	8.901	53	11929	6.26	UG/L	93
82) BROMOBENZENE	9.200	77	108033	9.61	UG/L	98
83) 1,2,3-TRICHLOROPROPANE	8.829	75	49980	9.89	UG/L	95
84) N-PROPYLBENZENE	9.454	91	378595	10.08	UG/L	97
85) 2-CHLOROTOLUENE	9.493	91	206193	9.88	UG/L	98
86) 1,3,5-TRIMETHYLBENZENE	9.749	105	266569	10.11	UG/L	98
87) 4-CHLOROTOLUENE	9.571	91	225276	10.03	UG/L	98
89) TERT-BUTYLBENZENE	9.961	119	238107	9.71	UG/L	96
90) 1,2,4-TRIMETHYLBENZENE	10.084	105	262462	9.38	UG/L	98
91) SEC-BUTYLBENZENE	10.162	105	365764	9.81	UG/L	97
92) 1,3-DICHLOROBENZENE	10.173	146	160140	9.59	UG/L	97
93) P-ISOPROPYLTOLUENE	10.354	119	284773	9.93	UG/L	97
94) 1,4-DICHLOROBENZENE	10.237	146	159699	9.89	UG/L	97
95) N-BUTYLBENZENE	10.717	91	270239	9.43	UG/L	97
96) 1,2-DICHLOROBENZENE	10.538	146	144815	9.40	UG/L	97
97) 1,2-DIBROMO-3-CHLOROPR...	10.957	75	8350	7.34	UG/L	83
98) 1,3,5-TRICHLOROBENZENE	11.729	180	98362	9.35	UG/L	94
99) 1,2,4-TRICHLOROBENZENE	12.206	180	77363	9.00	UG/L	96
100) HEXACHLOROBUTADIENE	12.521	225	42668	9.17	UG/L	98
101) NAPHTHALENE	12.412	128	147306	8.45	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.594	180	59632	8.95	UG/L	96

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

711

Inst : GCMSV0A5

Quant Time: Dec 21 07:22:13 2012
Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Sun Nov 18 11:06:04 2012
Response via : Initial Calibration



1 - FORM I

ANALYSIS DATA SHEET

LCS Dup

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Water Laboratory ID: B065019-BSD1 File ID: ve355034.D
 Sampled: Prepared: 12/20/12 10:09 Analyzed: 12/21/12 03:14
 Solids: Preparation: SW-846 5030B Dilution:
 Batch: B065019 Sequence: S003719 Calibration: 1200253 Instrument: GCMSVOA5
 Column: 1

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	168	0.54	50	L-02, V-20
107-13-1	Acrylonitrile	10.8	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	10.1	0.11	0.50	
71-43-2	Benzene	10.6	0.050	1.0	
108-86-1	Bromobenzene	9.73	0.10	1.0	
74-97-5	Bromochloromethane	9.41	0.10	1.0	
75-27-4	Bromodichloromethane	8.79	0.080	0.50	
75-25-2	Bromoform	7.88	0.25	1.0	V-05
74-83-9	Bromomethane	12.8	0.38	2.0	R-05, V-20
78-93-3	2-Butanone (MEK)	122	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	107	3.5	20	V-16
104-51-8	n-Butylbenzene	9.31	0.050	1.0	
135-98-8	sec-Butylbenzene	10.0	0.050	1.0	
98-06-6	tert-Butylbenzene	9.84	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	9.99	0.070	0.50	
75-15-0	Carbon Disulfide	10.5	0.050	4.0	
56-23-5	Carbon Tetrachloride	9.88	0.090	5.0	
108-90-7	Chlorobenzene	10.6	0.050	1.0	
124-48-1	Chlorodibromomethane	8.62	0.12	0.50	
75-00-3	Chloroethane	12.8	0.33	2.0	
67-66-3	Chloroform	11.0	0.040	2.0	
74-87-3	Chloromethane	5.22	0.13	2.0	L-04, V-05
95-49-8	2-Chlorotoluene	9.99	0.050	1.0	
106-43-4	4-Chlorotoluene	9.85	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	7.79	0.48	5.0	
106-93-4	1,2-Dibromoethane (EDB)	10.2	0.14	0.50	

1 - FORM I

ANALYSIS DATA SHEET

LCS Dup

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Water Laboratory ID: B065019-BSD1 File ID: ve355034.D
 Sampled: Prepared: 12/20/12 10:09 Analyzed: 12/21/12 03:14
 Solids: Preparation: SW-846 5030B Dilution:
 Batch: B065019 Sequence: S003719 Calibration: 1200253 Instrument: GCMSVOA5
 Column: 1

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	9.98	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	9.45	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	9.57	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	10.2	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	6.43	0.77	2.0	L-04, V-05
75-71-8	Dichlorodifluoromethane (Freon 12)	5.91	0.040	2.0	
75-34-3	1,1-Dichloroethane	10.4	0.090	1.0	
107-06-2	1,2-Dichloroethane	9.76	0.090	1.0	
75-35-4	1,1-Dichloroethylene	9.88	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	9.86	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.1	0.070	1.0	
78-87-5	1,2-Dichloropropane	9.35	0.20	1.0	
142-28-9	1,3-Dichloropropane	10.2	0.080	0.50	
594-20-7	2,2-Dichloropropane	8.62	0.13	1.0	
563-58-6	1,1-Dichloropropene	10.8	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	8.24	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	8.21	0.12	0.50	V-05
60-29-7	Diethyl Ether	12.4	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	10.2	0.030	0.50	
123-91-1	1,4-Dioxane	116	3.5	100	V-16
100-41-4	Ethylbenzene	10.6	0.050	1.0	
87-68-3	Hexachlorobutadiene	9.10	0.26	0.50	
591-78-6	2-Hexanone (MBK)	92.4	0.66	10	V-20
98-82-8	Isopropylbenzene (Cumene)	10.2	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	10.0	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	11.2	0.050	1.0	

1 - FORM I

ANALYSIS DATA SHEET

LCS Dup

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Water Laboratory ID: B065019-BSD1 File ID: ve355034.D
 Sampled: Prepared: 12/20/12 10:09 Analyzed: 12/21/12 03:14
 Solids: Preparation: SW-846 5030B Dilution:
 Batch: B065019 Sequence: S003719 Calibration: 1200253 Instrument: GCMSVOA5
 Column: 1

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	10.7	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	92.8	0.22	10	
91-20-3	Naphthalene	8.88	0.21	2.0	
103-65-1	n-Propylbenzene	10.1	0.040	1.0	
100-42-5	Styrene	9.83	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	8.79	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	9.53	0.18	0.50	
127-18-4	Tetrachloroethylene	11.0	0.14	1.0	
109-99-9	Tetrahydrofuran	12.6	1.0	10	V-16
108-88-3	Toluene	10.4	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.25	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	9.24	0.11	1.0	
108-70-3	1,3,5-Trichlorobenzene	9.37	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	10.2	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	9.64	0.080	1.0	
79-01-6	Trichloroethylene	10.1	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	13.3	0.070	2.0	L-02, V-20
96-18-4	1,2,3-Trichloropropane	9.83	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.1	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	9.41	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	9.77	0.060	1.0	
75-01-4	Vinyl Chloride	10.6	0.16	2.0	
108383/106423	m+p Xylene	21.1	0.070	2.0	
95-47-6	o-Xylene	10.4	0.050	1.0	

Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355034.D
 Acq On : 21 Dec 2012 3:14 am
 Operator :
 Sample : B0-BSD1
 Misc : 1
 ALS Vial : 34 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 21 07:22:40 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.320	168	603444	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.081	114	898286	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	438819	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	491993	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	250963	25.03	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	100.12%	
48) TOLUENE SS	6.690	98	857352	24.49	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	97.96%	
70) 4-BROMOFLUOROBENZENE SS	9.055	95	328134	24.95	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	99.80%	
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	0.956	85	49794	5.91	UG/L	97
5) CHLOROMETHANE	1.035	50	45534m	5.22	UG/L	
6) VINYL CHLORIDE	1.115	62	86464	10.61	UG/L	98
7) BROMOMETHANE	1.297	94	41827	12.82	UG/L	95
8) CHLOROETHANE	1.372	64	46945	12.80	UG/L #	85
10) FLUORODICHLOROMETHANE	1.405	67	161249	12.73	UG/L	90
11) TRICHLOROFLUOROMETHANE	1.676	101	153765	13.28	UG/L	100
12) DI ETHYL ETHER	1.843	59	53456	12.40	UG/L #	84
13) ACROLEIN	1.682	56	116383	278.65	UG/L	98
14) ACETONE	1.762	43	196789	167.65	UG/L	92
15) 1,1-DICHLOROETHENE	2.002	61	88781	9.88	UG/L	99
16) 1,1,2-TRICL-1,2,2-TRIF...	2.170	101	64805	12.13	UG/L	96
17) IODOMETHANE	2.008	142	82067	14.11	UG/L	93
20) T-BUTYL ALCOHOL	2.069	59	28531	107.28	UG/L #	84
21) ACRYLONITRILE	2.069	53	14837	10.84	UG/L	98
22) METHYLENE CHLORIDE	2.117	49	76292	10.71	UG/L #	68
23) CARBON DISULFIDE	2.217	76	187618	10.49	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.803	73	137347	11.22	UG/L #	87
25) TRANS 1,2-DICHLOROETHENE	2.652	61	80886	10.08	UG/L #	84
26) 1,1-DICHLOROETHANE	2.881	63	103406	10.37	UG/L	94
28) VINYL ACETATE	3.120	43	804009	86.94	UG/L #	93
30) DI ISOPROYL ETHER	3.447	45	144390	10.23	UG/L #	79
31) 2-BUTANONE	3.385	43	164077	121.68	UG/L #	86
33) T-BUTYL ETHYL ETHER	3.843	59	146159	9.99	UG/L #	89
34) CIS-1,2-DICHLOROETHENE	3.469	61	83354	9.86	UG/L #	82
35) 2,2-DICHLOROPROPANE	3.745	77	74642	8.62	UG/L #	84
36) ETHYL ACETATE	3.793	43	27771	8.29	UG/L #	89
37) BROMOCHLOROMETHANE	3.614	49	44767	9.41	UG/L #	67
38) TETRAHYDROFURAN	4.013	42	11566m	12.62	UG/L	
39) CHLOROFORM	3.687	83	117539	11.02	UG/L	97
41) 1,1,1-TRICHLOROETHANE	4.386	97	99195	10.19	UG/L	93
42) CYCLOHEXANE	4.632	56	93775	11.01	UG/L #	69
43) CARBON TETRACHLORIDE	4.724	117	83674	9.88	UG/L	96
44) 1,1-DICHLOROPROPENE	4.587	75	88063	10.85	UG/L	99
45) BENZENE	4.777	78	247640	10.63	UG/L	100
46) T-AMYL METHYL ETHER	5.020	73	136860	10.10	UG/L #	93
49) 1,2-DICHLOROETHANE	4.308	62	82360	9.76	UG/L #	78
50) METHYL METHACRYLATE	5.842	41	42381	10.51	UG/L #	73
51) TRICHLOROETHENE	5.396	95	69249	10.07	UG/L	97
52) METHYLCYCLOHEXANE	5.842	83	111797	11.98	UG/L #	82
53) 1,2-DICHLOROPROPANE	5.346	63	59725	9.35	UG/L #	99
54) DIBROMOMETHANE	5.290	93	41359	9.98	UG/L	88
55) 1,4-DIOXANE	5.611	88	5309m	115.83	UG/L	
56) BROMODICHLOROMETHANE	5.429	83	81818	8.79	UG/L	94
57) 2-CHLOROETHYL VINYLETHER	5.929	63	4843	3.84	UG/L	97
58) MIBK	6.224	43	388027	92.83	UG/L #	98
59) CIS-1,3-DICHLOROPROPENE	6.065	75	85235	8.24	UG/L	97
60) TOLUENE	6.751	91	278142	10.40	UG/L	98

Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355034.D
 Acq On : 21 Dec 2012 3:14 am
 Operator :
 Sample : B0-BSD1
 Misc : 1
 ALS Vial : 34 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 21 07:22:40 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) TRANS-1,3,-DICHLOROPRO...	6.478	75	71170	8.21	UG/L	97
62) ETHYL METHACRYLATE	6.958	69	60324	9.15	UG/L #	84
63) 1,1,2-TRICHLOROETHANE	6.581	97	53787	9.64	UG/L	99
64) 2-HEXANONE	7.022	43	270417	92.45	UG/L	97
65) TETRACHLOROETHENE	7.379	166	80690	11.01	UG/L	96
66) 1,3-DICHLOROPROPANE	6.801	76	88317	10.25	UG/L	100
67) DIBROMOCHLOROMETHANE	6.986	129	62263	8.62	UG/L	98
68) 1,2-DIBROMOETHANE	7.192	107	58587	10.17	UG/L #	99
71) CHLOROBENZENE	7.975	112	192330	10.56	UG/L	99
72) 1,1,1,2-TETRACHLOROETHANE	7.920	131	57066	8.79	UG/L	97
73) ETHYLBENZENE	8.193	91	317817	10.57	UG/L	96
74) M/P-XYLENES	8.380	91	504345	21.07	UG/L	98
75) O-XYLENE	8.720	91	253643	10.41	UG/L	96
76) STYRENE	8.659	104	184954	9.83	UG/L	99
77) BROMOFORM	8.377	173	36708	7.88	UG/L #	96
78) ISOPROPYLBENZENE	9.057	105	325570	10.21	UG/L	97
79) CIS-1,4-DICHLORO-2-BUTENE	8.597	53	11361	5.95	UG/L	91
80) 1,1,2,2-TETRACHLOROETHANE	8.706	83	65210	9.53	UG/L	99
81) 1,4-DICHLORO-2-BUTENE(...	8.901	53	11964	6.43	UG/L	93
82) BROMOBENZENE	9.202	77	106613	9.73	UG/L	98
83) 1,2,3-TRICHLOROPROPANE	8.832	75	48422	9.83	UG/L	99
84) N-PROPYLBENZENE	9.453	91	369558	10.09	UG/L	97
85) 2-CHLOROTOLUENE	9.492	91	203372	9.99	UG/L	99
86) 1,3,5-TRIMETHYLBENZENE	9.752	105	251451	9.77	UG/L	100
87) 4-CHLOROTOLUENE	9.571	91	215702	9.85	UG/L	99
89) TERT-BUTYLBENZENE	9.961	119	236305	9.84	UG/L	97
90) 1,2,4-TRIMETHYLBENZENE	10.084	105	257543	9.41	UG/L	99
91) SEC-BUTYLBENZENE	10.162	105	365970	10.03	UG/L	97
92) 1,3-DICHLOROBENZENE	10.173	146	156217	9.57	UG/L	97
93) P-ISOPROPYLTOLUENE	10.354	119	280482	10.00	UG/L	97
94) 1,4-DICHLOROBENZENE	10.240	146	160354	10.15	UG/L	97
95) N-BUTYLBENZENE	10.717	91	261178	9.31	UG/L	96
96) 1,2-DICHLOROBENZENE	10.541	146	142514	9.45	UG/L	99
97) 1,2-DIBROMO-3-CHLOROPR...	10.959	75	8671	7.79	UG/L	84
98) 1,3,5-TRICHLOROBENZENE	11.729	180	96392	9.37	UG/L	94
99) 1,2,4-TRICHLOROBENZENE	12.206	180	77662	9.24	UG/L	95
100) HEXACHLOROBUTADIENE	12.521	225	41445	9.10	UG/L	96
101) NAPHTHALENE	12.412	128	151359	8.88	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.593	180	60297	9.25	UG/L	95

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

717

Inst : GCMSV0A5

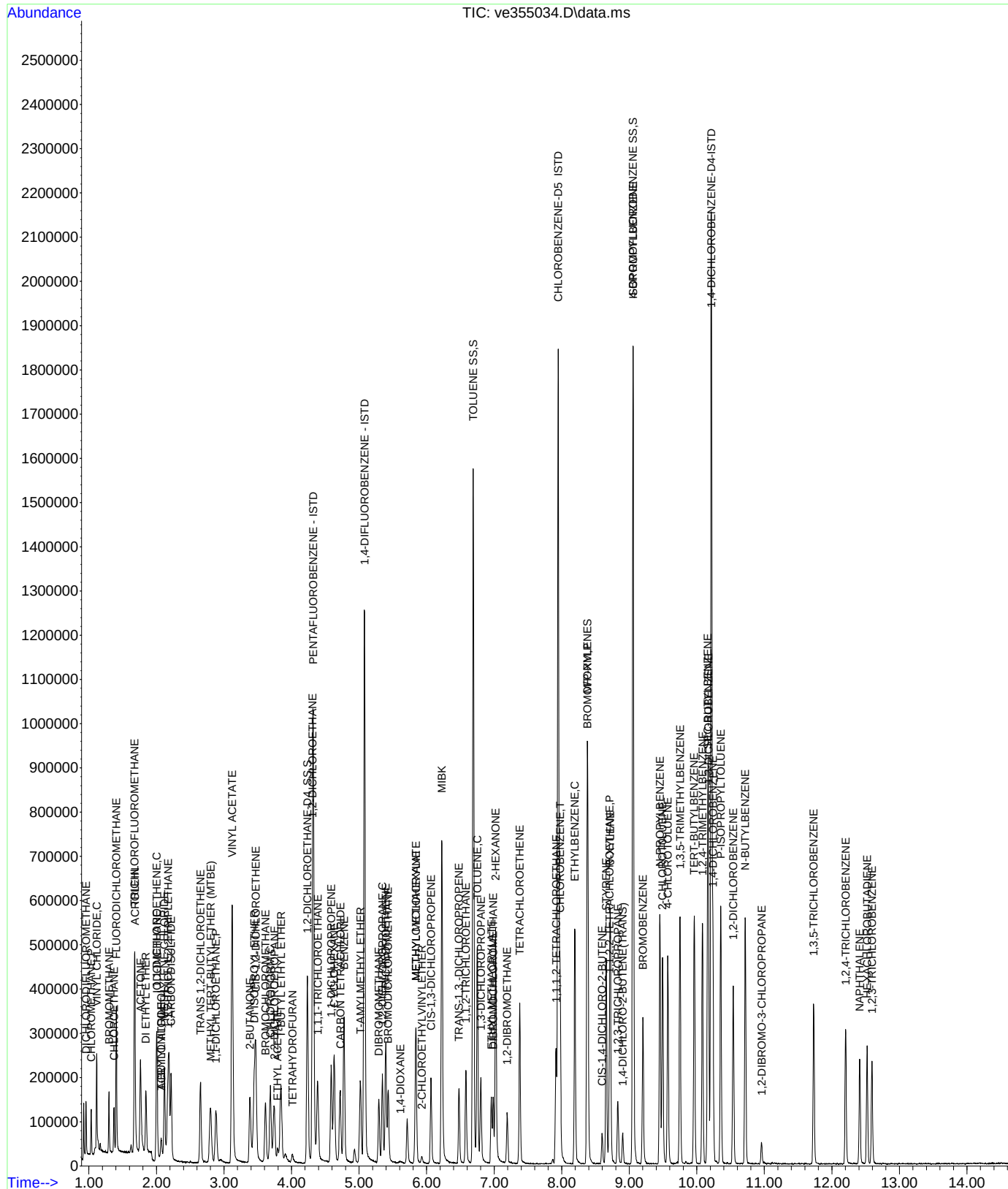
Quant Time: Dec 21 07:22:40 2012

Quant Method : C:\msdchem\1\METHODS\E111712W.m

Quant Title : 8260 WATER 5MLS VOAMS 5973 #5

QLast Update : Sun Nov 18 11:06:04 2012

Response via : Initial Calibration



1 - FORM I

ANALYSIS DATA SHEET

Blank

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B065047-BLK1 File ID: ve355038.D
 Sampled: Prepared: 12/20/12 13:05 Analyzed: 12/21/12 04:58
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B065047 Sequence: S003723 Calibration: 1200253 Instrument: GCMSVOA5
 Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
67-64-1	Acetone		0.027	2.5	
107-13-1	Acrylonitrile		0.026	0.25	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.0055	0.025	
71-43-2	Benzene		0.0025	0.050	
108-86-1	Bromobenzene		0.0050	0.050	
74-97-5	Bromochloromethane		0.0050	0.050	
75-27-4	Bromodichloromethane		0.0040	0.050	
75-25-2	Bromoform		0.012	0.050	V-05
74-83-9	Bromomethane		0.019	0.10	R-05
78-93-3	2-Butanone (MEK)		0.020	1.0	
75-65-0	tert-Butyl Alcohol (TBA)		0.18	1.0	V-16
104-51-8	n-Butylbenzene		0.0025	0.050	
135-98-8	sec-Butylbenzene		0.0025	0.050	
98-06-6	tert-Butylbenzene		0.0025	0.050	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.0035	0.025	
75-15-0	Carbon Disulfide		0.0025	0.20	
56-23-5	Carbon Tetrachloride		0.0045	0.050	
108-90-7	Chlorobenzene		0.0025	0.050	
124-48-1	Chlorodibromomethane		0.0060	0.025	
75-00-3	Chloroethane		0.016	0.10	
67-66-3	Chloroform		0.0020	0.10	
74-87-3	Chloromethane		0.0065	0.10	L-04, V-05
95-49-8	2-Chlorotoluene		0.0025	0.050	
106-43-4	4-Chlorotoluene		0.0025	0.050	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.024	0.25	

1 - FORM I

ANALYSIS DATA SHEET

Blank

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B065047-BLK1 File ID: ve355038.D
 Sampled: Prepared: 12/20/12 13:05 Analyzed: 12/21/12 04:58
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B065047 Sequence: S003723 Calibration: 1200253 Instrument: GCMSVOA5
 Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.0070	0.025	
74-95-3	Dibromomethane		0.0040	0.050	
95-50-1	1,2-Dichlorobenzene		0.0030	0.050	
541-73-1	1,3-Dichlorobenzene		0.0030	0.050	
106-46-7	1,4-Dichlorobenzene		0.0055	0.050	
110-57-6	trans-1,4-Dichloro-2-butene		0.038	0.10	L-04, V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.0020	0.10	
75-34-3	1,1-Dichloroethane		0.0045	0.050	
107-06-2	1,2-Dichloroethane		0.0045	0.050	
75-35-4	1,1-Dichloroethylene		0.0050	0.050	
156-59-2	cis-1,2-Dichloroethylene		0.0025	0.050	
156-60-5	trans-1,2-Dichloroethylene		0.0035	0.050	
78-87-5	1,2-Dichloropropane		0.010	0.050	
142-28-9	1,3-Dichloropropane		0.0040	0.025	
594-20-7	2,2-Dichloropropane		0.0065	0.050	
563-58-6	1,1-Dichloropropene		0.0050	0.10	
10061-01-5	cis-1,3-Dichloropropene		0.0035	0.025	
10061-02-6	trans-1,3-Dichloropropene		0.0060	0.025	V-05
60-29-7	Diethyl Ether		0.0050	0.10	
108-20-3	Diisopropyl Ether (DIPE)		0.0015	0.025	
123-91-1	1,4-Dioxane		0.18	5.0	V-16
100-41-4	Ethylbenzene		0.0025	0.050	
87-68-3	Hexachlorobutadiene		0.013	0.050	
591-78-6	2-Hexanone (MBK)		0.033	0.50	
98-82-8	Isopropylbenzene (Cumene)		0.0030	0.050	
99-87-6	p-Isopropyltoluene (p-Cymene)		0.0030	0.050	

1 - FORM I

ANALYSIS DATA SHEET

Blank

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B065047-BLK1 File ID: ve355038.D
 Sampled: Prepared: 12/20/12 13:05 Analyzed: 12/21/12 04:58
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B065047 Sequence: S003723 Calibration: 1200253 Instrument: GCMSVOA5
 Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.0025	0.050	
75-09-2	Methylene Chloride		0.11	0.25	
108-10-1	4-Methyl-2-pentanone (MIBK)		0.011	0.50	
91-20-3	Naphthalene		0.010	0.10	
103-65-1	n-Propylbenzene		0.0020	0.050	
100-42-5	Styrene		0.0030	0.050	
630-20-6	1,1,1,2-Tetrachloroethane		0.0040	0.050	
79-34-5	1,1,2,2-Tetrachloroethane		0.0090	0.025	
127-18-4	Tetrachloroethylene		0.0070	0.050	
109-99-9	Tetrahydrofuran		0.050	0.50	V-16
108-88-3	Toluene		0.0020	0.050	
87-61-6	1,2,3-Trichlorobenzene		0.011	0.25	
120-82-1	1,2,4-Trichlorobenzene		0.0055	0.050	
108-70-3	1,3,5-Trichlorobenzene		0.020	0.050	
71-55-6	1,1,1-Trichloroethane		0.0025	0.050	
79-00-5	1,1,2-Trichloroethane		0.0040	0.050	
79-01-6	Trichloroethylene		0.0060	0.050	
75-69-4	Trichlorofluoromethane (Freon 11)		0.0035	0.10	
96-18-4	1,2,3-Trichloropropane		0.010	0.10	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		0.0055	0.050	
95-63-6	1,2,4-Trimethylbenzene		0.0030	0.050	
108-67-8	1,3,5-Trimethylbenzene		0.0030	0.050	
75-01-4	Vinyl Chloride		0.0080	0.10	
108383/106423	m+p Xylene		0.0035	0.10	
95-47-6	o-Xylene		0.0025	0.050	
	No TICs Found	0.0			

Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355038.D
 Acq On : 21 Dec 2012 4:58 am
 Operator :
 Sample : B0-BLK1 @ 50X MEOH
 Misc : 50
 ALS Vial : 38 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 21 07:23:56 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

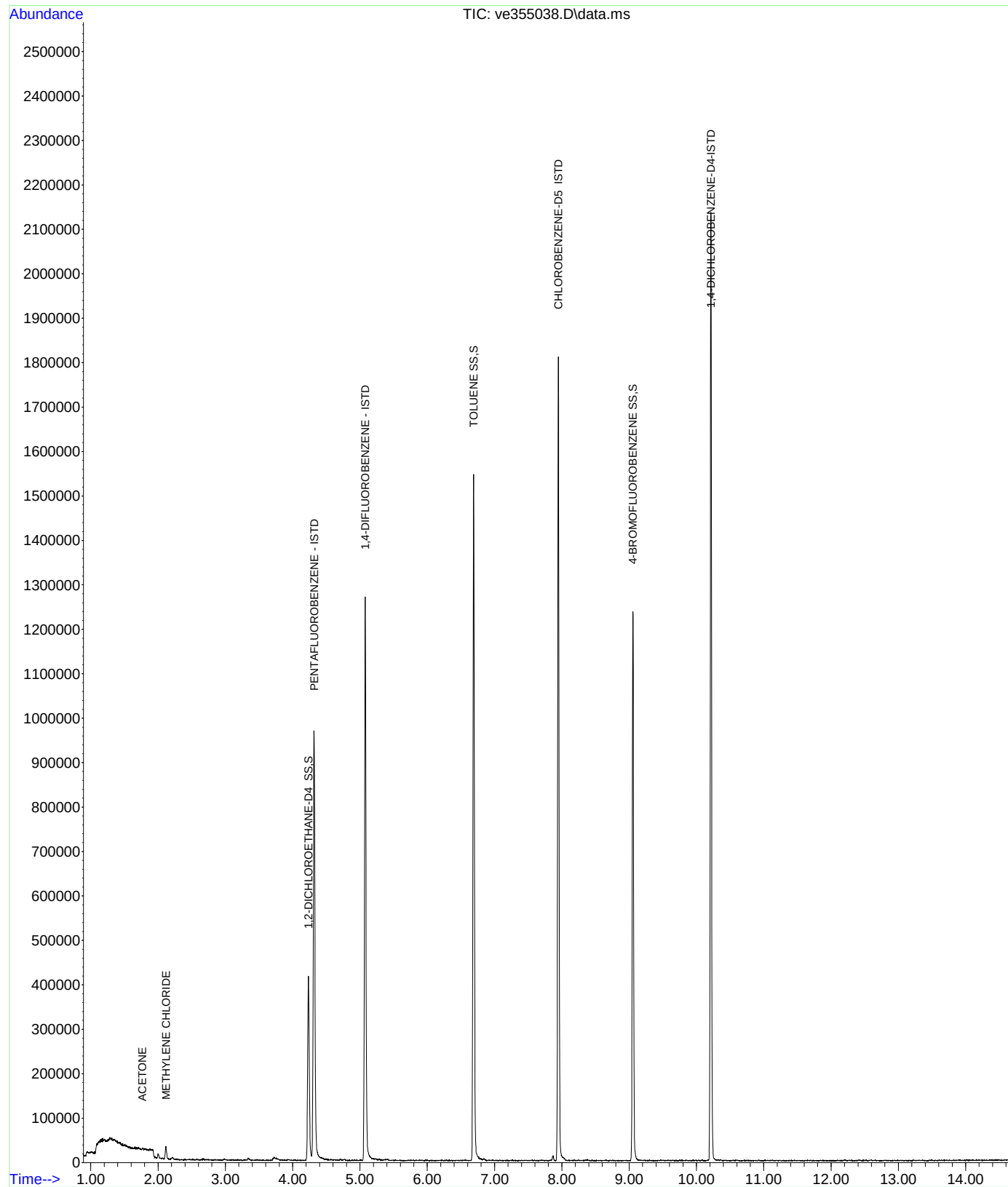
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.319	168	591484	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.078	114	890004	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	439915	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	469481	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	251971	25.64	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	102.56%	
48) TOLUENE SS	6.690	98	856005	24.68	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	98.72%	
70) 4-BROMOFLUOROBENZENE SS	9.055	95	321324	24.37	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	97.48%	
Target Compounds						
5) CHLOROMETHANE	1.034	50	965	Below Cal	#	66
14) ACETONE	1.765	43	738	0.64 UG/L	#	42
22) METHYLENE CHLORIDE	2.119	49	10544	1.51 UG/L	#	65

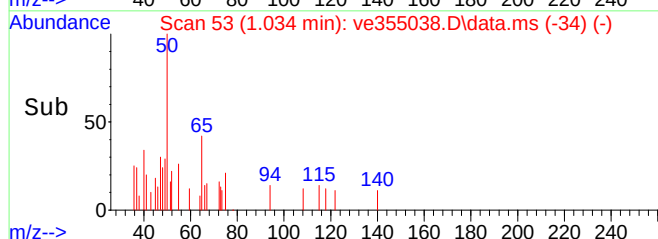
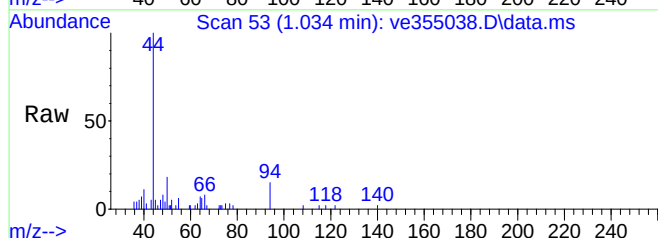
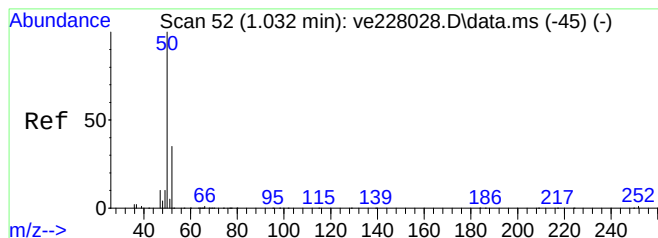
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\DATA\122012\
Data File : ve355038.D
Acq On : 21 Dec 2012 4:58 am
Operator :
Sample : B0-BLK1 @ 50X ME0H
Misc : 50
ALS Vial : 38 Sample Multiplier: 1

Inst : GCMSV0A5

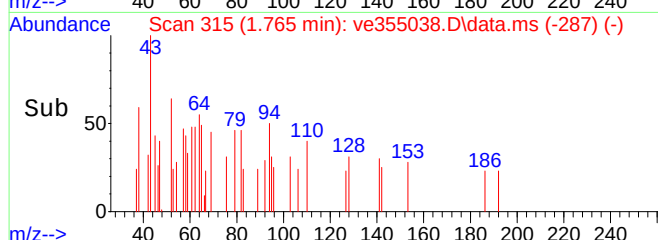
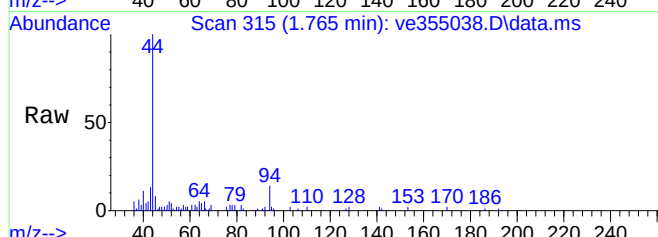
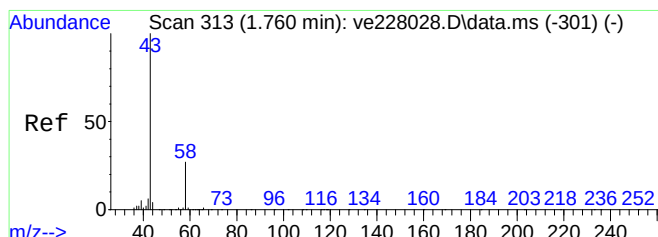
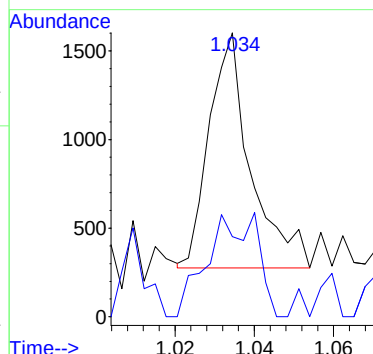
Quant Time: Dec 21 07:23:56 2012
Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Sun Nov 18 11:06:04 2012
Response via : Initial Calibration





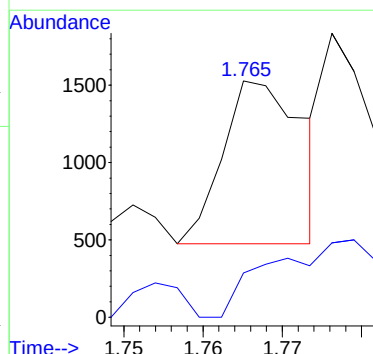
#5
CHLOROMETHANE
Concen: Below Cal
RT: 1.034 min Scan# 53
Delta R.T. -0.001 min
Lab File: ve355038.D
Acq: 21 Dec 2012 4:58 am

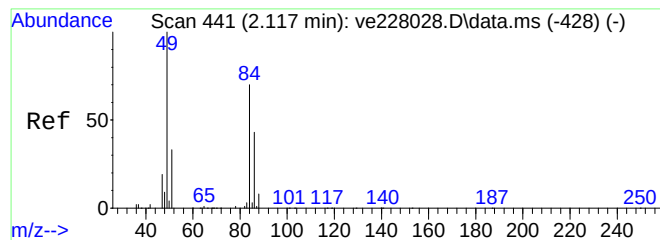
Tgt Ion: 50 Resp: 965
Ion Ratio Lower Upper
50 100
52 52.3 26.6 40.0#



#14
ACETONE
Concen: 0.64 UG/L
RT: 1.765 min Scan# 315
Delta R.T. 0.005 min
Lab File: ve355038.D
Acq: 21 Dec 2012 4:58 am

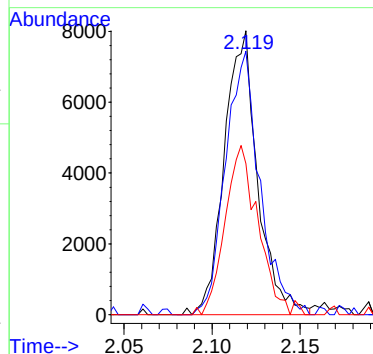
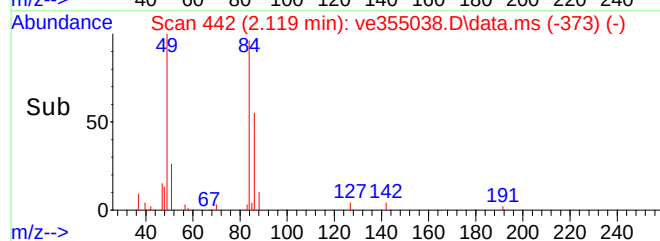
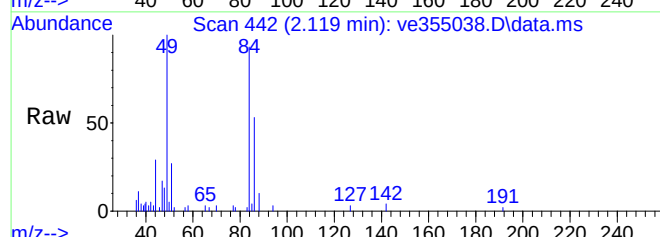
Tgt Ion: 43 Resp: 738
Ion Ratio Lower Upper
43 100
58 69.0 28.2 42.4#





#22
METHYLENE CHLORIDE
Concen: 1.51 UG/L
RT: 2.119 min Scan# 442
Delta R.T. 0.003 min
Lab File: ve355038.D
Acq: 21 Dec 2012 4:58 am

Tgt Ion: 49 Resp: 10544
Ion Ratio Lower Upper
49 100
84 95.7 52.4 78.6#
86 58.6 32.2 48.2#



1 - FORM I

ANALYSIS DATA SHEET

LCS

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B065047-BS1 File ID: ve355033.D
 Sampled: Prepared: 12/20/12 13:05 Analyzed: 12/21/12 02:48
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B065047 Sequence: S003723 Calibration: 1200253 Instrument: GCMSVOA5
 Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
67-64-1	Acetone	0.193	0.00061	0.057	L-02, V-20
107-13-1	Acrylonitrile	0.0125	0.00058	0.0057	
994-05-8	tert-Amyl Methyl Ether (TAME)	0.0119	0.00012	0.00057	
71-43-2	Benzene	0.0120	0.000057	0.0011	
108-86-1	Bromobenzene	0.0109	0.00011	0.0011	
74-97-5	Bromochloromethane	0.0104	0.00011	0.0011	
75-27-4	Bromodichloromethane	0.0100	0.000091	0.0011	
75-25-2	Bromoform	0.00874	0.00028	0.0011	V-05
74-83-9	Bromomethane	0.0104	0.00043	0.0023	R-05, V-20
78-93-3	2-Butanone (MEK)	0.143	0.00046	0.023	
75-65-0	tert-Butyl Alcohol (TBA)	0.122	0.0040	0.023	V-16
104-51-8	n-Butylbenzene	0.0107	0.000057	0.0011	
135-98-8	sec-Butylbenzene	0.0111	0.000057	0.0011	
98-06-6	tert-Butylbenzene	0.0110	0.000057	0.0011	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	0.0117	0.000079	0.00057	
75-15-0	Carbon Disulfide	0.0111	0.000057	0.0045	
56-23-5	Carbon Tetrachloride	0.0115	0.00010	0.0011	
108-90-7	Chlorobenzene	0.0120	0.000057	0.0011	
124-48-1	Chlorodibromomethane	0.00958	0.00014	0.00057	
75-00-3	Chloroethane	0.0136	0.00037	0.0023	
67-66-3	Chloroform	0.0123	0.000045	0.0023	
74-87-3	Chloromethane	0.00477	0.00015	0.0023	L-04, V-05
95-49-8	2-Chlorotoluene	0.0112	0.000057	0.0011	
106-43-4	4-Chlorotoluene	0.0114	0.000057	0.0011	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0.00832	0.00054	0.0057	
106-93-4	1,2-Dibromoethane (EDB)	0.0117	0.00016	0.00057	

1 - FORM I

ANALYSIS DATA SHEET

LCS

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B065047-BS1 File ID: ve355033.D
 Sampled: Prepared: 12/20/12 13:05 Analyzed: 12/21/12 02:48
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B065047 Sequence: S003723 Calibration: 1200253 Instrument: GCMSVOA5
 Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
74-95-3	Dibromomethane	0.0115	0.000091	0.0011	
95-50-1	1,2-Dichlorobenzene	0.0107	0.000068	0.0011	
541-73-1	1,3-Dichlorobenzene	0.0109	0.000068	0.0011	
106-46-7	1,4-Dichlorobenzene	0.0112	0.00012	0.0011	
110-57-6	trans-1,4-Dichloro-2-butene	0.00709	0.00087	0.0023	L-04, V-05
75-71-8	Dichlorodifluoromethane (Freon 12)	0.00658	0.000045	0.0023	
75-34-3	1,1-Dichloroethane	0.0120	0.00010	0.0011	
107-06-2	1,2-Dichloroethane	0.0109	0.00010	0.0011	
75-35-4	1,1-Dichloroethylene	0.0113	0.00011	0.0011	
156-59-2	cis-1,2-Dichloroethylene	0.0110	0.000057	0.0011	
156-60-5	trans-1,2-Dichloroethylene	0.0115	0.000079	0.0011	
78-87-5	1,2-Dichloropropane	0.0107	0.00023	0.0011	
142-28-9	1,3-Dichloropropane	0.0113	0.000091	0.00057	
594-20-7	2,2-Dichloropropane	0.00991	0.00015	0.0011	
563-58-6	1,1-Dichloropropene	0.0124	0.00011	0.0023	
10061-01-5	cis-1,3-Dichloropropene	0.00951	0.000079	0.00057	
10061-02-6	trans-1,3-Dichloropropene	0.00937	0.00014	0.00057	V-05
60-29-7	Diethyl Ether	0.0142	0.00011	0.0023	
108-20-3	Diisopropyl Ether (DIPE)	0.0120	0.000034	0.00057	
123-91-1	1,4-Dioxane	0.135	0.0040	0.11	V-16
100-41-4	Ethylbenzene	0.0116	0.000057	0.0011	
87-68-3	Hexachlorobutadiene	0.0104	0.00029	0.0011	
591-78-6	2-Hexanone (MBK)	0.106	0.00075	0.011	V-20
98-82-8	Isopropylbenzene (Cumene)	0.0114	0.000068	0.0011	
99-87-6	p-Isopropyltoluene (p-Cymene)	0.0113	0.000068	0.0011	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.0130	0.000057	0.0011	

1 - FORM I

ANALYSIS DATA SHEET

LCS

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B065047-BS1 File ID: ve355033.D
 Sampled: Prepared: 12/20/12 13:05 Analyzed: 12/21/12 02:48
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B065047 Sequence: S003723 Calibration: 1200253 Instrument: GCMSVOA5
 Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
75-09-2	Methylene Chloride	0.0124	0.0025	0.0057	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.104	0.00025	0.011	
91-20-3	Naphthalene	0.00958	0.00024	0.0023	
103-65-1	n-Propylbenzene	0.0114	0.000045	0.0011	
100-42-5	Styrene	0.0112	0.000068	0.0011	
630-20-6	1,1,1,2-Tetrachloroethane	0.0101	0.000091	0.0011	
79-34-5	1,1,2,2-Tetrachloroethane	0.0108	0.00020	0.00057	
127-18-4	Tetrachloroethylene	0.0123	0.00016	0.0011	
109-99-9	Tetrahydrofuran	0.0131	0.0011	0.011	V-16
108-88-3	Toluene	0.0120	0.000045	0.0011	
87-61-6	1,2,3-Trichlorobenzene	0.0101	0.00025	0.0057	
120-82-1	1,2,4-Trichlorobenzene	0.0102	0.00012	0.0011	
108-70-3	1,3,5-Trichlorobenzene	0.0106	0.00045	0.0011	
71-55-6	1,1,1-Trichloroethane	0.0117	0.000057	0.0011	
79-00-5	1,1,2-Trichloroethane	0.0109	0.000091	0.0011	
79-01-6	Trichloroethylene	0.0110	0.00014	0.0011	
75-69-4	Trichlorofluoromethane (Freon 11)	0.0148	0.000079	0.0023	L-02, V-20
96-18-4	1,2,3-Trichloropropane	0.0112	0.00024	0.0023	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0135	0.00012	0.0011	
95-63-6	1,2,4-Trimethylbenzene	0.0106	0.000068	0.0011	
108-67-8	1,3,5-Trimethylbenzene	0.0115	0.000068	0.0011	
75-01-4	Vinyl Chloride	0.0120	0.00018	0.0023	
108383/106423	m+p Xylene	0.0233	0.000079	0.0023	
95-47-6	o-Xylene	0.0115	0.000057	0.0011	

Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355033.D
 Acq On : 21 Dec 2012 2:48 am
 Operator :
 Sample : B0-BS1
 Misc : 1
 ALS Vial : 33 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 21 07:22:13 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.322	168	612644	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.078	114	917142	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	449897	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	502840	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	253427	24.90	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.60%		
48) TOLUENE SS	6.690	98	889513	24.88	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.52%		
70) 4-BROMOFLUOROBENZENE SS	9.055	95	334029	24.77	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.08%		
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	0.957	85	49690	5.81	UG/L	99
5) CHLOROMETHANE	1.035	50	40688	4.21	UG/L	97
6) VINYL CHLORIDE	1.116	62	87544	10.59	UG/L	95
7) BROMOMETHANE	1.297	94	30433	9.19	UG/L	88
8) CHLOROETHANE	1.372	64	44683	12.00	UG/L #	78
10) FLUORODICHLOROMETHANE	1.406	67	155454	12.09	UG/L	93
11) TRICHLOROFLUOROMETHANE	1.676	101	153691	13.07	UG/L	99
12) DI ETHYL ETHER	1.843	59	55026	12.57	UG/L #	87
13) ACROLEIN	1.679	56	110662	260.97	UG/L	100
14) ACETONE	1.763	43	203393	170.68	UG/L	91
15) 1,1-DICHLOROETHENE	2.002	61	91023	9.98	UG/L	99
16) 1,1,2-TRICL-1,2,2-TRIF...	2.170	101	64474	11.89	UG/L	100
17) IODOMETHANE	2.008	142	92922	15.10	UG/L	93
20) T-BUTYL ALCOHOL	2.067	59	28969	107.29	UG/L #	97
21) ACRYLONITRILE	2.072	53	15379	11.06	UG/L	96
22) METHYLENE CHLORIDE	2.119	49	78854	10.90	UG/L #	69
23) CARBON DISULFIDE	2.217	76	178398	9.83	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.803	73	142126	11.43	UG/L #	64
25) TRANS 1,2-DICHLOROETHENE	2.652	61	82850	10.17	UG/L	86
26) 1,1-DICHLOROETHANE	2.884	63	106926	10.56	UG/L #	96
28) VINYL ACETATE	3.121	43	810464	86.36	UG/L #	93
30) DI ISOPROYL ETHER	3.447	45	152140	10.62	UG/L #	83
31) 2-BUTANONE	3.380	43	172848	126.26	UG/L #	88
33) T-BUTYL ETHYL ETHER	3.840	59	153296	10.32	UG/L #	89
34) CIS-1,2-DICHLOROETHENE	3.469	61	83473	9.73	UG/L #	80
35) 2,2-DICHLOROPROPANE	3.745	77	76862	8.74	UG/L	99
36) ETHYL ACETATE	3.793	43	30871	9.06	UG/L #	91
37) BROMOCHLOROMETHANE	3.614	49	44389	9.19	UG/L #	66
38) TETRAHYDROFURAN	4.013	42	10817m	11.54	UG/L	
39) CHLOROFORM	3.687	83	117948	10.89	UG/L	97
41) 1,1,1-TRICHLOROETHANE	4.389	97	101613	10.28	UG/L	94
42) CYCLOHEXANE	4.635	56	97396	11.26	UG/L #	71
43) CARBON TETRACHLORIDE	4.718	117	86972	10.12	UG/L	94
44) 1,1-DICHLOROPROPENE	4.587	75	89898	10.91	UG/L	97
45) BENZENE	4.777	78	250776	10.61	UG/L	100
46) T-AMYL METHYL ETHER	5.017	73	144560	10.51	UG/L #	93
49) 1,2-DICHLOROETHANE	4.309	62	83195	9.65	UG/L #	82
50) METHYL METHACRYLATE	5.840	41	43172	10.48	UG/L #	74
51) TRICHLOROETHENE	5.393	95	67916	9.67	UG/L	96
52) METHYLCYCLOHEXANE	5.837	83	116619	12.24	UG/L #	80
53) 1,2-DICHLOROPROPANE	5.343	63	61575	9.44	UG/L #	94
54) DIBROMOMETHANE	5.290	93	42877	10.14	UG/L #	83
55) 1,4-DIOXANE	5.602	88	5566m	118.94	UG/L	
56) BROMODICHLOROMETHANE	5.430	83	83823	8.82	UG/L	97
57) 2-CHLOROETHYL VINYLETHER	5.929	63	607	0.47	UG/L #	18
58) MIBK	6.224	43	392159	91.89	UG/L #	97
59) CIS-1,3-DICHLOROPROPENE	6.063	75	88613	8.39	UG/L	95
60) TOLUENE	6.751	91	288647	10.57	UG/L	99

Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355033.D
 Acq On : 21 Dec 2012 2:48 am
 Operator :
 Sample : B0-BS1
 Misc : 1
 ALS Vial : 33 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 21 07:22:13 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

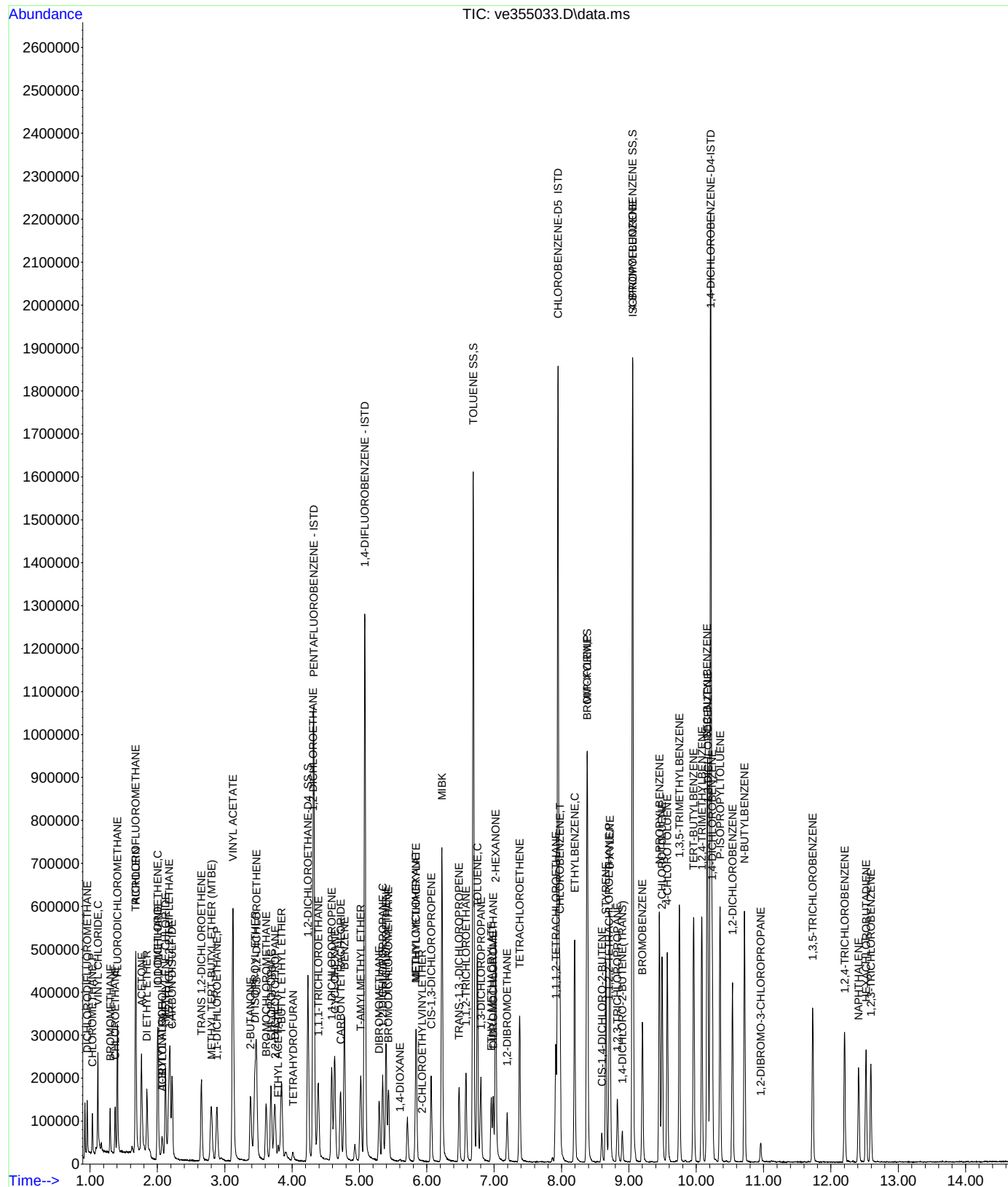
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) TRANS-1,3,-DICHLOROPRO...	6.478	75	73224	8.27	UG/L	96
62) ETHYL METHACRYLATE	6.955	69	61750	9.17	UG/L #	85
63) 1,1,2-TRICHLOROETHANE	6.581	97	54894	9.64	UG/L	98
64) 2-HEXANONE	7.022	43	277997	93.09	UG/L	97
65) TETRACHLOROETHENE	7.379	166	81385	10.88	UG/L	96
66) 1,3-DICHLOROPROPANE	6.802	76	88069	10.01	UG/L	97
67) DIBROMOCHLOROMETHANE	6.986	129	62320	8.45	UG/L	99
68) 1,2-DIBROMOETHANE	7.192	107	60454	10.28	UG/L #	97
71) CHLOROBENZENE	7.976	112	197830	10.59	UG/L	98
72) 1,1,1,2-TETRACHLOROETHANE	7.917	131	59569	8.95	UG/L	97
73) ETHYLBENZENE	8.196	91	316678	10.27	UG/L	94
74) M/P-XYLENES	8.383	91	504895	20.57	UG/L	99
75) O-XYLENE	8.720	91	253234	10.14	UG/L	97
76) STYRENE	8.659	104	189770	9.84	UG/L	99
77) BROMOFORM	8.377	173	36810	7.71	UG/L	100
78) ISOPROPYLBENZENE	9.058	105	330091	10.10	UG/L	98
79) CIS-1,4-DICHLORO-2-BUTENE	8.600	53	11179	5.71	UG/L	89
80) 1,1,2,2-TETRACHLOROETHANE	8.703	83	66864	9.53	UG/L	98
81) 1,4-DICHLORO-2-BUTENE(...	8.901	53	11929	6.26	UG/L	93
82) BROMOBENZENE	9.200	77	108033	9.61	UG/L	98
83) 1,2,3-TRICHLOROPROPANE	8.829	75	49980	9.89	UG/L	95
84) N-PROPYLBENZENE	9.454	91	378595	10.08	UG/L	97
85) 2-CHLOROTOLUENE	9.493	91	206193	9.88	UG/L	98
86) 1,3,5-TRIMETHYLBENZENE	9.749	105	266569	10.11	UG/L	98
87) 4-CHLOROTOLUENE	9.571	91	225276	10.03	UG/L	98
89) TERT-BUTYLBENZENE	9.961	119	238107	9.71	UG/L	96
90) 1,2,4-TRIMETHYLBENZENE	10.084	105	262462	9.38	UG/L	98
91) SEC-BUTYLBENZENE	10.162	105	365764	9.81	UG/L	97
92) 1,3-DICHLOROBENZENE	10.173	146	160140	9.59	UG/L	97
93) P-ISOPROPYLTOLUENE	10.354	119	284773	9.93	UG/L	97
94) 1,4-DICHLOROBENZENE	10.237	146	159699	9.89	UG/L	97
95) N-BUTYLBENZENE	10.717	91	270239	9.43	UG/L	97
96) 1,2-DICHLOROBENZENE	10.538	146	144815	9.40	UG/L	97
97) 1,2-DIBROMO-3-CHLOROPR...	10.957	75	8350	7.34	UG/L	83
98) 1,3,5-TRICHLOROBENZENE	11.729	180	98362	9.35	UG/L	94
99) 1,2,4-TRICHLOROBENZENE	12.206	180	77363	9.00	UG/L	96
100) HEXACHLOROBUTADIENE	12.521	225	42668	9.17	UG/L	98
101) NAPHTHALENE	12.412	128	147306	8.45	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.594	180	59632	8.95	UG/L	96

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

Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355033.D
 Acq On : 21 Dec 2012 2:48 am
 Operator :
 Sample : B0-BS1
 Misc : 1
 ALS Vial : 33 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 21 07:22:13 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration



1 - FORM I

ANALYSIS DATA SHEET

LCS Dup

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B065047-BSD1 File ID: ve355034.D
 Sampled: Prepared: 12/20/12 13:05 Analyzed: 12/21/12 03:14
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B065047 Sequence: S003723 Calibration: 1200253 Instrument: GCMSVOA5
 Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
67-64-1	Acetone	0.190	0.00061	0.057	L-02, V-20
107-13-1	Acrylonitrile	0.0123	0.00058	0.0057	
994-05-8	tert-Amyl Methyl Ether (TAME)	0.0114	0.00012	0.00057	
71-43-2	Benzene	0.0120	0.000057	0.0011	
108-86-1	Bromobenzene	0.0110	0.00011	0.0011	
74-97-5	Bromochloromethane	0.0107	0.00011	0.0011	
75-27-4	Bromodichloromethane	0.00996	0.000091	0.0011	
75-25-2	Bromoform	0.00893	0.00028	0.0011	V-05
74-83-9	Bromomethane	0.0145	0.00043	0.0023	V-20, R-05
78-93-3	2-Butanone (MEK)	0.138	0.00046	0.023	
75-65-0	tert-Butyl Alcohol (TBA)	0.122	0.0040	0.023	V-16
104-51-8	n-Butylbenzene	0.0106	0.000057	0.0011	
135-98-8	sec-Butylbenzene	0.0114	0.000057	0.0011	
98-06-6	tert-Butylbenzene	0.0112	0.000057	0.0011	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	0.0113	0.000079	0.00057	
75-15-0	Carbon Disulfide	0.0119	0.000057	0.0045	
56-23-5	Carbon Tetrachloride	0.0112	0.00010	0.0011	
108-90-7	Chlorobenzene	0.0120	0.000057	0.0011	
124-48-1	Chlorodibromomethane	0.00977	0.00014	0.00057	
75-00-3	Chloroethane	0.0145	0.00037	0.0023	
67-66-3	Chloroform	0.0125	0.000045	0.0023	
74-87-3	Chloromethane	0.00592	0.00015	0.0023	L-04, V-05
95-49-8	2-Chlorotoluene	0.0113	0.000057	0.0011	
106-43-4	4-Chlorotoluene	0.0112	0.000057	0.0011	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0.00883	0.00054	0.0057	
106-93-4	1,2-Dibromoethane (EDB)	0.0115	0.00016	0.00057	

1 - FORM I

ANALYSIS DATA SHEET

LCS Dup

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B065047-BSD1 File ID: ve355034.D
 Sampled: Prepared: 12/20/12 13:05 Analyzed: 12/21/12 03:14
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B065047 Sequence: S003723 Calibration: 1200253 Instrument: GCMSVOA5
 Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
74-95-3	Dibromomethane	0.0113	0.000091	0.0011	
95-50-1	1,2-Dichlorobenzene	0.0107	0.000068	0.0011	
541-73-1	1,3-Dichlorobenzene	0.0108	0.000068	0.0011	
106-46-7	1,4-Dichlorobenzene	0.0115	0.00012	0.0011	
110-57-6	trans-1,4-Dichloro-2-butene	0.00729	0.00087	0.0023	L-04, V-05
75-71-8	Dichlorodifluoromethane (Freon 12)	0.00670	0.000045	0.0023	
75-34-3	1,1-Dichloroethane	0.0118	0.00010	0.0011	
107-06-2	1,2-Dichloroethane	0.0111	0.00010	0.0011	
75-35-4	1,1-Dichloroethylene	0.0112	0.00011	0.0011	
156-59-2	cis-1,2-Dichloroethylene	0.0112	0.000057	0.0011	
156-60-5	trans-1,2-Dichloroethylene	0.0114	0.000079	0.0011	
78-87-5	1,2-Dichloropropane	0.0106	0.00023	0.0011	
142-28-9	1,3-Dichloropropane	0.0116	0.000091	0.00057	
594-20-7	2,2-Dichloropropane	0.00977	0.00015	0.0011	
563-58-6	1,1-Dichloropropene	0.0123	0.00011	0.0023	
10061-01-5	cis-1,3-Dichloropropene	0.00934	0.000079	0.00057	
10061-02-6	trans-1,3-Dichloropropene	0.00930	0.00014	0.00057	V-05
60-29-7	Diethyl Ether	0.0141	0.00011	0.0023	
108-20-3	Diisopropyl Ether (DIPE)	0.0116	0.000034	0.00057	
123-91-1	1,4-Dioxane	0.131	0.0040	0.11	V-16
100-41-4	Ethylbenzene	0.0120	0.000057	0.0011	
87-68-3	Hexachlorobutadiene	0.0103	0.00029	0.0011	
591-78-6	2-Hexanone (MBK)	0.105	0.00075	0.011	V-20
98-82-8	Isopropylbenzene (Cumene)	0.0116	0.000068	0.0011	
99-87-6	p-Isopropyltoluene (p-Cymene)	0.0113	0.000068	0.0011	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.0127	0.000057	0.0011	

1 - FORM I

ANALYSIS DATA SHEET

LCS Dup

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B065047-BSD1 File ID: ve355034.D
 Sampled: Prepared: 12/20/12 13:05 Analyzed: 12/21/12 03:14
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B065047 Sequence: S003723 Calibration: 1200253 Instrument: GCMSVOA5
 Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
75-09-2	Methylene Chloride	0.0121	0.0025	0.0057	
108-10-1	4-Methyl-2-pentanone (MIBK)	0.105	0.00025	0.011	
91-20-3	Naphthalene	0.0101	0.00024	0.0023	
103-65-1	n-Propylbenzene	0.0114	0.000045	0.0011	
100-42-5	Styrene	0.0111	0.000068	0.0011	
630-20-6	1,1,1,2-Tetrachloroethane	0.00996	0.000091	0.0011	
79-34-5	1,1,2,2-Tetrachloroethane	0.0108	0.00020	0.00057	
127-18-4	Tetrachloroethylene	0.0125	0.00016	0.0011	
109-99-9	Tetrahydrofuran	0.0143	0.0011	0.011	V-16
108-88-3	Toluene	0.0118	0.000045	0.0011	
87-61-6	1,2,3-Trichlorobenzene	0.0105	0.00025	0.0057	
120-82-1	1,2,4-Trichlorobenzene	0.0105	0.00012	0.0011	
108-70-3	1,3,5-Trichlorobenzene	0.0106	0.00045	0.0011	
71-55-6	1,1,1-Trichloroethane	0.0115	0.000057	0.0011	
79-00-5	1,1,2-Trichloroethane	0.0109	0.000091	0.0011	
79-01-6	Trichloroethylene	0.0114	0.00014	0.0011	
75-69-4	Trichlorofluoromethane (Freon 11)	0.0151	0.000079	0.0023	L-02, V-20
96-18-4	1,2,3-Trichloropropane	0.0111	0.00024	0.0023	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0137	0.00012	0.0011	
95-63-6	1,2,4-Trimethylbenzene	0.0107	0.000068	0.0011	
108-67-8	1,3,5-Trimethylbenzene	0.0111	0.000068	0.0011	
75-01-4	Vinyl Chloride	0.0120	0.00018	0.0023	
108383/106423	m+p Xylene	0.0239	0.000079	0.0023	
95-47-6	o-Xylene	0.0118	0.000057	0.0011	

Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355034.D
 Acq On : 21 Dec 2012 3:14 am
 Operator :
 Sample : B0-BSD1
 Misc : 1
 ALS Vial : 34 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 21 07:22:40 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.320	168	603444	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.081	114	898286	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	438819	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	491993	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	250963	25.03	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	100.12%	
48) TOLUENE SS	6.690	98	857352	24.49	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	97.96%	
70) 4-BROMOFLUOROBENZENE SS	9.055	95	328134	24.95	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	99.80%	
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	0.956	85	49794	5.91	UG/L	97
5) CHLOROMETHANE	1.035	50	45534m	5.22	UG/L	
6) VINYL CHLORIDE	1.115	62	86464	10.61	UG/L	98
7) BROMOMETHANE	1.297	94	41827	12.82	UG/L	95
8) CHLOROETHANE	1.372	64	46945	12.80	UG/L #	85
10) FLUORODICHLOROMETHANE	1.405	67	161249	12.73	UG/L	90
11) TRICHLOROFLUOROMETHANE	1.676	101	153765	13.28	UG/L	100
12) DI ETHYL ETHER	1.843	59	53456	12.40	UG/L #	84
13) ACROLEIN	1.682	56	116383	278.65	UG/L	98
14) ACETONE	1.762	43	196789	167.65	UG/L	92
15) 1,1-DICHLOROETHENE	2.002	61	88781	9.88	UG/L	99
16) 1,1,2-TRICL-1,2,2-TRIF...	2.170	101	64805	12.13	UG/L	96
17) IODOMETHANE	2.008	142	82067	14.11	UG/L	93
20) T-BUTYL ALCOHOL	2.069	59	28531	107.28	UG/L #	84
21) ACRYLONITRILE	2.069	53	14837	10.84	UG/L	98
22) METHYLENE CHLORIDE	2.117	49	76292	10.71	UG/L #	68
23) CARBON DISULFIDE	2.217	76	187618	10.49	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.803	73	137347	11.22	UG/L #	87
25) TRANS 1,2-DICHLOROETHENE	2.652	61	80886	10.08	UG/L #	84
26) 1,1-DICHLOROETHANE	2.881	63	103406	10.37	UG/L	94
28) VINYL ACETATE	3.120	43	804009	86.94	UG/L #	93
30) DI ISOPROYL ETHER	3.447	45	144390	10.23	UG/L #	79
31) 2-BUTANONE	3.385	43	164077	121.68	UG/L #	86
33) T-BUTYL ETHYL ETHER	3.843	59	146159	9.99	UG/L #	89
34) CIS-1,2-DICHLOROETHENE	3.469	61	83354	9.86	UG/L #	82
35) 2,2-DICHLOROPROPANE	3.745	77	74642	8.62	UG/L #	84
36) ETHYL ACETATE	3.793	43	27771	8.29	UG/L #	89
37) BROMOCHLOROMETHANE	3.614	49	44767	9.41	UG/L #	67
38) TETRAHYDROFURAN	4.013	42	11566m	12.62	UG/L	
39) CHLOROFORM	3.687	83	117539	11.02	UG/L	97
41) 1,1,1-TRICHLOROETHANE	4.386	97	99195	10.19	UG/L	93
42) CYCLOHEXANE	4.632	56	93775	11.01	UG/L #	69
43) CARBON TETRACHLORIDE	4.724	117	83674	9.88	UG/L	96
44) 1,1-DICHLOROPROPENE	4.587	75	88063	10.85	UG/L	99
45) BENZENE	4.777	78	247640	10.63	UG/L	100
46) T-AMYL METHYL ETHER	5.020	73	136860	10.10	UG/L #	93
49) 1,2-DICHLOROETHANE	4.308	62	82360	9.76	UG/L #	78
50) METHYL METHACRYLATE	5.842	41	42381	10.51	UG/L #	73
51) TRICHLOROETHENE	5.396	95	69249	10.07	UG/L	97
52) METHYLCYCLOHEXANE	5.842	83	111797	11.98	UG/L #	82
53) 1,2-DICHLOROPROPANE	5.346	63	59725	9.35	UG/L #	99
54) DIBROMOMETHANE	5.290	93	41359	9.98	UG/L	88
55) 1,4-DIOXANE	5.611	88	5309m	115.83	UG/L	
56) BROMODICHLOROMETHANE	5.429	83	81818	8.79	UG/L	94
57) 2-CHLOROETHYL VINYLETHER	5.929	63	4843	3.84	UG/L	97
58) MIBK	6.224	43	388027	92.83	UG/L #	98
59) CIS-1,3-DICHLOROPROPENE	6.065	75	85235	8.24	UG/L	97
60) TOLUENE	6.751	91	278142	10.40	UG/L	98

Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355034.D
 Acq On : 21 Dec 2012 3:14 am
 Operator :
 Sample : B0-BSD1
 Misc : 1
 ALS Vial : 34 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 21 07:22:40 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) TRANS-1,3,-DICHLOROPRO...	6.478	75	71170	8.21	UG/L	97
62) ETHYL METHACRYLATE	6.958	69	60324	9.15	UG/L #	84
63) 1,1,2-TRICHLOROETHANE	6.581	97	53787	9.64	UG/L	99
64) 2-HEXANONE	7.022	43	270417	92.45	UG/L	97
65) TETRACHLOROETHENE	7.379	166	80690	11.01	UG/L	96
66) 1,3-DICHLOROPROPANE	6.801	76	88317	10.25	UG/L	100
67) DIBROMOCHLOROMETHANE	6.986	129	62263	8.62	UG/L	98
68) 1,2-DIBROMOETHANE	7.192	107	58587	10.17	UG/L #	99
71) CHLOROBENZENE	7.975	112	192330	10.56	UG/L	99
72) 1,1,1,2-TETRACHLOROETHANE	7.920	131	57066	8.79	UG/L	97
73) ETHYLBENZENE	8.193	91	317817	10.57	UG/L	96
74) M/P-XYLENES	8.380	91	504345	21.07	UG/L	98
75) O-XYLENE	8.720	91	253643	10.41	UG/L	96
76) STYRENE	8.659	104	184954	9.83	UG/L	99
77) BROMOFORM	8.377	173	36708	7.88	UG/L #	96
78) ISOPROPYLBENZENE	9.057	105	325570	10.21	UG/L	97
79) CIS-1,4-DICHLORO-2-BUTENE	8.597	53	11361	5.95	UG/L	91
80) 1,1,2,2-TETRACHLOROETHANE	8.706	83	65210	9.53	UG/L	99
81) 1,4-DICHLORO-2-BUTENE(...	8.901	53	11964	6.43	UG/L	93
82) BROMOBENZENE	9.202	77	106613	9.73	UG/L	98
83) 1,2,3-TRICHLOROPROPANE	8.832	75	48422	9.83	UG/L	99
84) N-PROPYLBENZENE	9.453	91	369558	10.09	UG/L	97
85) 2-CHLOROTOLUENE	9.492	91	203372	9.99	UG/L	99
86) 1,3,5-TRIMETHYLBENZENE	9.752	105	251451	9.77	UG/L	100
87) 4-CHLOROTOLUENE	9.571	91	215702	9.85	UG/L	99
89) TERT-BUTYLBENZENE	9.961	119	236305	9.84	UG/L	97
90) 1,2,4-TRIMETHYLBENZENE	10.084	105	257543	9.41	UG/L	99
91) SEC-BUTYLBENZENE	10.162	105	365970	10.03	UG/L	97
92) 1,3-DICHLOROBENZENE	10.173	146	156217	9.57	UG/L	97
93) P-ISOPROPYLTOLUENE	10.354	119	280482	10.00	UG/L	97
94) 1,4-DICHLOROBENZENE	10.240	146	160354	10.15	UG/L	97
95) N-BUTYLBENZENE	10.717	91	261178	9.31	UG/L	96
96) 1,2-DICHLOROBENZENE	10.541	146	142514	9.45	UG/L	99
97) 1,2-DIBROMO-3-CHLOROPR...	10.959	75	8671	7.79	UG/L	84
98) 1,3,5-TRICHLOROBENZENE	11.729	180	96392	9.37	UG/L	94
99) 1,2,4-TRICHLOROBENZENE	12.206	180	77662	9.24	UG/L	95
100) HEXACHLOROBUTADIENE	12.521	225	41445	9.10	UG/L	96
101) NAPHTHALENE	12.412	128	151359	8.88	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.593	180	60297	9.25	UG/L	95

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

736

Inst : GCMSV0A5

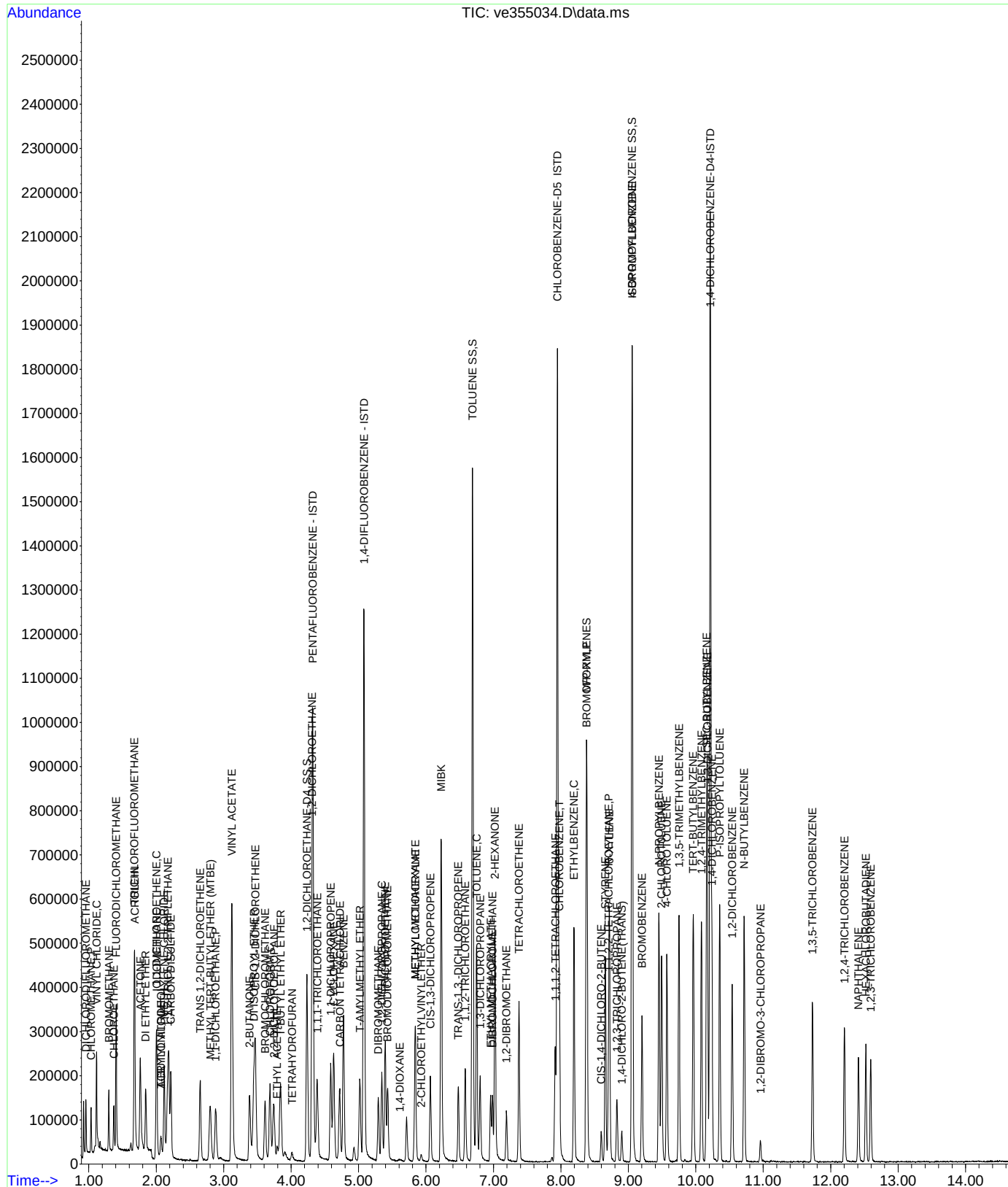
Quant Time: Dec 21 07:22:40 2012

Quant Method : C:\msdchem\1\METHODS\E111712W.m

Quant Title : 8260 WATER 5MLS VOAMS 5973 #5

QLast Update : Sun Nov 18 11:06:04 2012

Response via : Initial Calibration



1 - FORM I

ANALYSIS DATA SHEET

Blank

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
Client: CDM Smith, Inc. - NY Project: Doro Cleaners
Matrix: Soil Laboratory ID: B065048-BLK1 File ID: ve355038.D
Sampled: Prepared: 12/20/12 13:16 Analyzed: 12/21/12 04:58
Solids: Preparation: SW-846 5035 Dilution:
Batch: B065048 Sequence: S003722 Calibration: 1300013 Instrument: GCMSVOA5
Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
156-59-2	cis-1,2-Dichloroethylene		0.0025	0.050	

Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355038.D
 Acq On : 21 Dec 2012 4:58 am
 Operator :
 Sample : B0-BLK1 @ 50X MEOH
 Misc : 50
 ALS Vial : 38 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 21 07:23:56 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

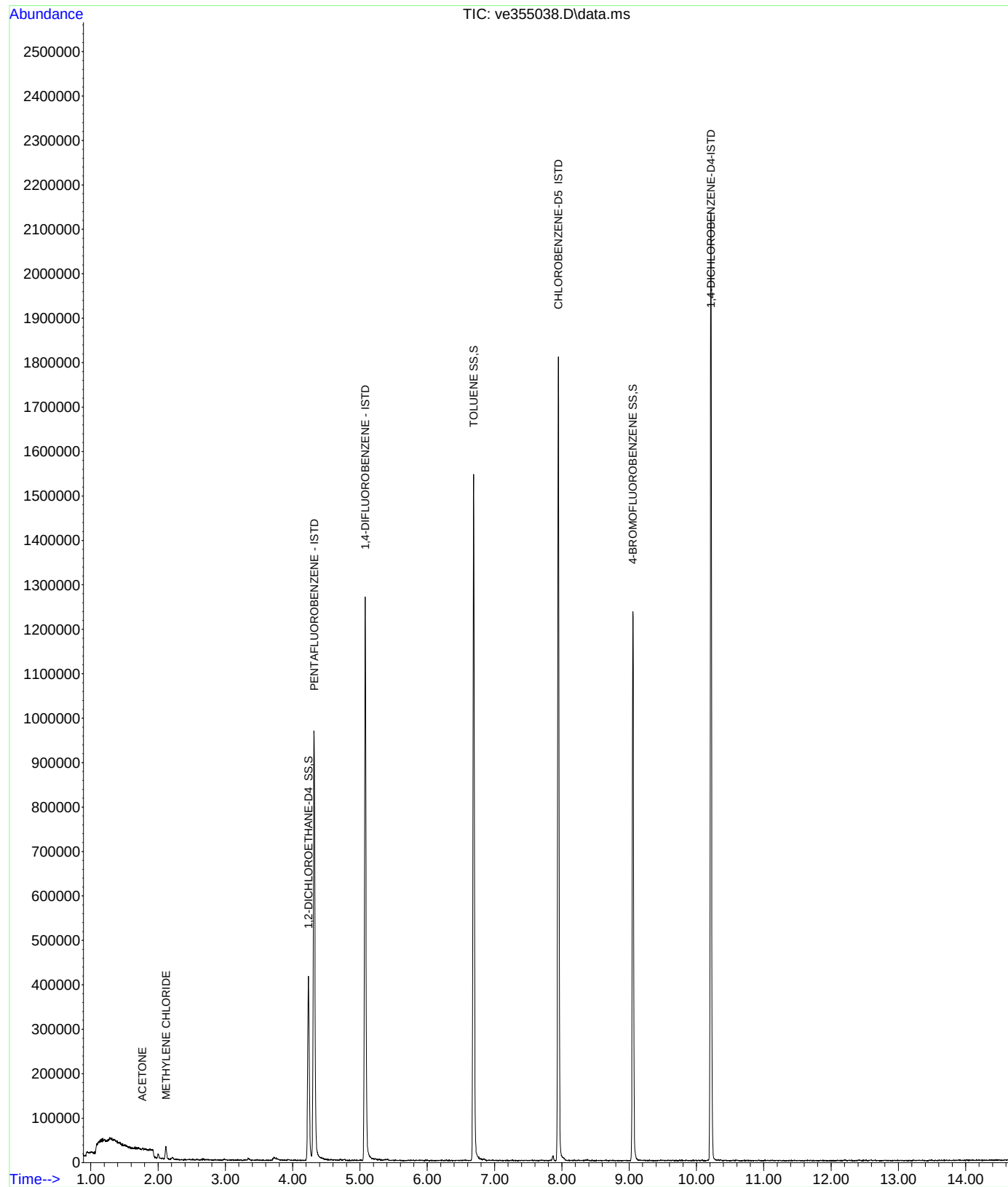
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.319	168	591484	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.078	114	890004	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	439915	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	469481	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	251971	25.64	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	102.56%	
48) TOLUENE SS	6.690	98	856005	24.68	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	98.72%	
70) 4-BROMOFLUOROBENZENE SS	9.055	95	321324	24.37	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	97.48%	
Target Compounds						
5) CHLOROMETHANE	1.034	50	965	Below Cal	#	66
14) ACETONE	1.765	43	738	0.64 UG/L	#	42
22) METHYLENE CHLORIDE	2.119	49	10544	1.51 UG/L	#	65

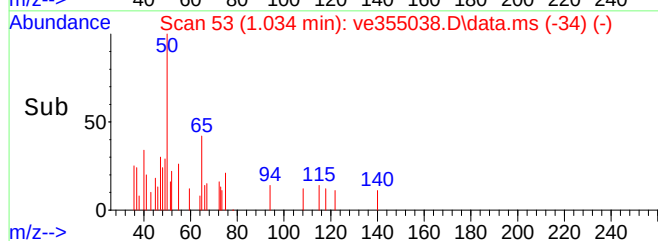
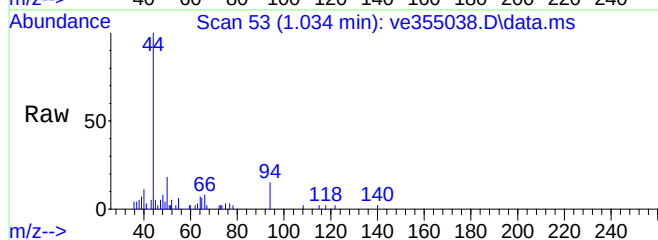
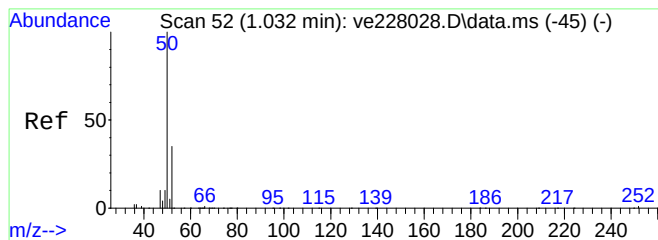
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\DATA\122012\
Data File : ve355038.D
Acq On : 21 Dec 2012 4:58 am
Operator :
Sample : B0-BLK1 @ 50X ME0H
Misc : 50
ALS Vial : 38 Sample Multiplier: 1

Inst : GCMSV0A5

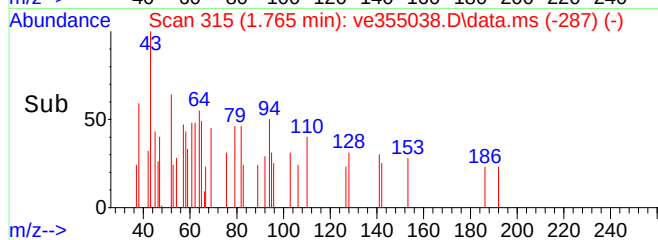
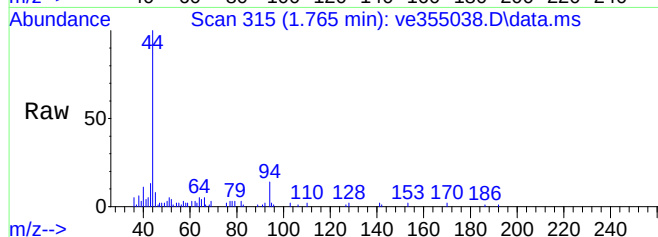
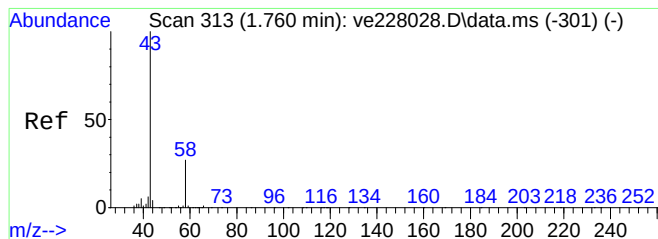
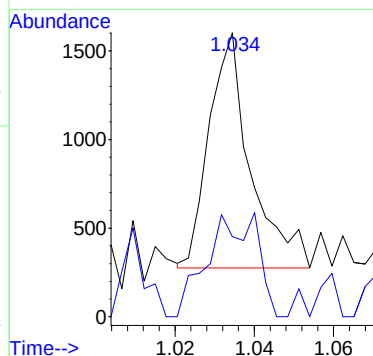
Quant Time: Dec 21 07:23:56 2012
Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Sun Nov 18 11:06:04 2012
Response via : Initial Calibration





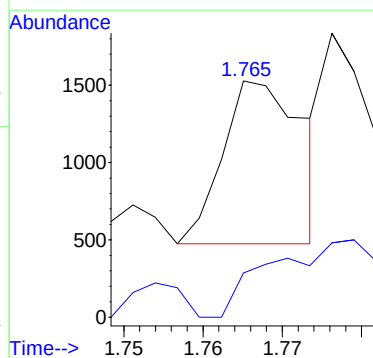
#5
CHLOROMETHANE
Concen: Below Cal
RT: 1.034 min Scan# 53
Delta R.T. -0.001 min
Lab File: ve355038.D
Acq: 21 Dec 2012 4:58 am

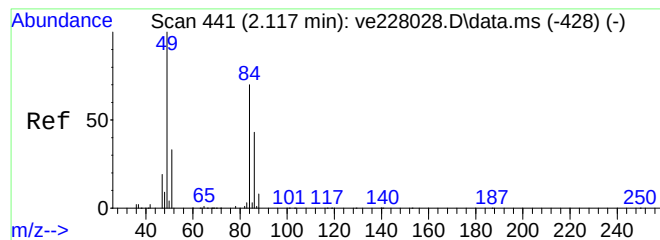
Tgt Ion: 50 Resp: 965
Ion Ratio Lower Upper
50 100
52 52.3 26.6 40.0#



#14
ACETONE
Concen: 0.64 UG/L
RT: 1.765 min Scan# 315
Delta R.T. 0.005 min
Lab File: ve355038.D
Acq: 21 Dec 2012 4:58 am

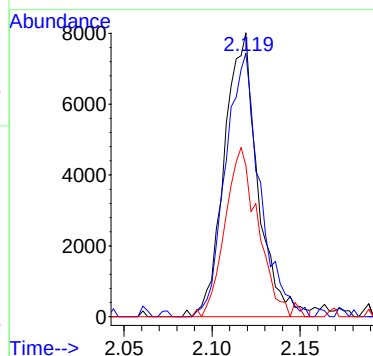
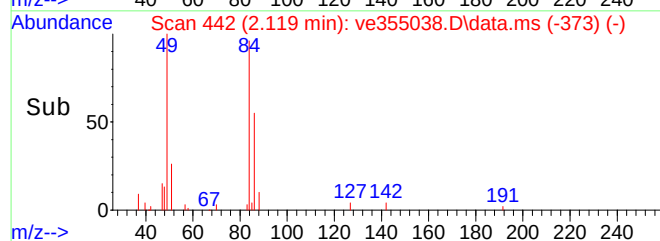
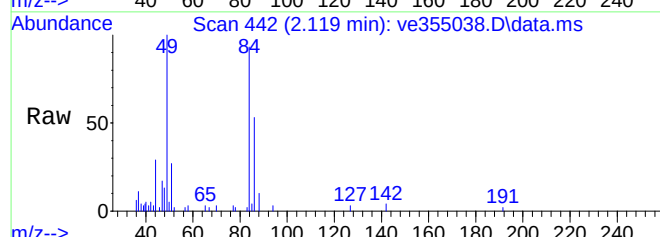
Tgt Ion: 43 Resp: 738
Ion Ratio Lower Upper
43 100
58 69.0 28.2 42.4#





#22
METHYLENE CHLORIDE
Concen: 1.51 UG/L
RT: 2.119 min Scan# 442
Delta R.T. 0.003 min
Lab File: ve355038.D
Acq: 21 Dec 2012 4:58 am

Tgt Ion: 49 Resp: 10544
Ion Ratio Lower Upper
49 100
84 95.7 52.4 78.6#
86 58.6 32.2 48.2#



1 - FORM I
ANALYSIS DATA SHEET
LCS

Laboratory:	Con-Test Analytical Laboratory			Work Order:	12L0458
Client:	CDM Smith, Inc. - NY		Project:	Doro Cleaners	
Matrix:	Soil	Laboratory ID:	B065048-BS1	File ID:	ve355033.D
Sampled:		Prepared:	12/20/12 13:16	Analyzed:	12/21/12 02:48
Solids:		Preparation:	SW-846 5035	Dilution:	
Batch:	B065048	Sequence:	S003722	Calibration:	1300013
Column:	1			Instrument:	GCMSVOA5

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
156-59-2	cis-1,2-Dichloroethylene	0.0110	0.000057	0.0011	

Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355033.D
 Acq On : 21 Dec 2012 2:48 am
 Operator :
 Sample : B0-BS1
 Misc : 1
 ALS Vial : 33 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 21 07:22:13 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.322	168	612644	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.078	114	917142	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	449897	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	502840	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	253427	24.90	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.60%		
48) TOLUENE SS	6.690	98	889513	24.88	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.52%		
70) 4-BROMOFLUOROBENZENE SS	9.055	95	334029	24.77	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.08%		
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	0.957	85	49690	5.81	UG/L	99
5) CHLOROMETHANE	1.035	50	40688	4.21	UG/L	97
6) VINYL CHLORIDE	1.116	62	87544	10.59	UG/L	95
7) BROMOMETHANE	1.297	94	30433	9.19	UG/L	88
8) CHLOROETHANE	1.372	64	44683	12.00	UG/L #	78
10) FLUORODICHLOROMETHANE	1.406	67	155454	12.09	UG/L	93
11) TRICHLOROFLUOROMETHANE	1.676	101	153691	13.07	UG/L	99
12) DI ETHYL ETHER	1.843	59	55026	12.57	UG/L #	87
13) ACROLEIN	1.679	56	110662	260.97	UG/L	100
14) ACETONE	1.763	43	203393	170.68	UG/L	91
15) 1,1-DICHLOROETHENE	2.002	61	91023	9.98	UG/L	99
16) 1,1,2-TRICL-1,2,2-TRIF...	2.170	101	64474	11.89	UG/L	100
17) IODOMETHANE	2.008	142	92922	15.10	UG/L	93
20) T-BUTYL ALCOHOL	2.067	59	28969	107.29	UG/L #	97
21) ACRYLONITRILE	2.072	53	15379	11.06	UG/L	96
22) METHYLENE CHLORIDE	2.119	49	78854	10.90	UG/L #	69
23) CARBON DISULFIDE	2.217	76	178398	9.83	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.803	73	142126	11.43	UG/L #	64
25) TRANS 1,2-DICHLOROETHENE	2.652	61	82850	10.17	UG/L	86
26) 1,1-DICHLOROETHANE	2.884	63	106926	10.56	UG/L #	96
28) VINYL ACETATE	3.121	43	810464	86.36	UG/L #	93
30) DI ISOPROYL ETHER	3.447	45	152140	10.62	UG/L #	83
31) 2-BUTANONE	3.380	43	172848	126.26	UG/L #	88
33) T-BUTYL ETHYL ETHER	3.840	59	153296	10.32	UG/L #	89
34) CIS-1,2-DICHLOROETHENE	3.469	61	83473	9.73	UG/L #	80
35) 2,2-DICHLOROPROPANE	3.745	77	76862	8.74	UG/L	99
36) ETHYL ACETATE	3.793	43	30871	9.06	UG/L #	91
37) BROMOCHLOROMETHANE	3.614	49	44389	9.19	UG/L #	66
38) TETRAHYDROFURAN	4.013	42	10817m	11.54	UG/L	
39) CHLOROFORM	3.687	83	117948	10.89	UG/L	97
41) 1,1,1-TRICHLOROETHANE	4.389	97	101613	10.28	UG/L	94
42) CYCLOHEXANE	4.635	56	97396	11.26	UG/L #	71
43) CARBON TETRACHLORIDE	4.718	117	86972	10.12	UG/L	94
44) 1,1-DICHLOROPROPENE	4.587	75	89898	10.91	UG/L	97
45) BENZENE	4.777	78	250776	10.61	UG/L	100
46) T-AMYL METHYL ETHER	5.017	73	144560	10.51	UG/L #	93
49) 1,2-DICHLOROETHANE	4.309	62	83195	9.65	UG/L #	82
50) METHYL METHACRYLATE	5.840	41	43172	10.48	UG/L #	74
51) TRICHLOROETHENE	5.393	95	67916	9.67	UG/L	96
52) METHYLCYCLOHEXANE	5.837	83	116619	12.24	UG/L #	80
53) 1,2-DICHLOROPROPANE	5.343	63	61575	9.44	UG/L #	94
54) DIBROMOMETHANE	5.290	93	42877	10.14	UG/L #	83
55) 1,4-DIOXANE	5.602	88	5566m	118.94	UG/L	
56) BROMODICHLOROMETHANE	5.430	83	83823	8.82	UG/L	97
57) 2-CHLOROETHYL VINYLETHER	5.929	63	607	0.47	UG/L #	18
58) MIBK	6.224	43	392159	91.89	UG/L #	97
59) CIS-1,3-DICHLOROPROPENE	6.063	75	88613	8.39	UG/L	95
60) TOLUENE	6.751	91	288647	10.57	UG/L	99

Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355033.D
 Acq On : 21 Dec 2012 2:48 am
 Operator :
 Sample : B0-BS1
 Misc : 1
 ALS Vial : 33 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 21 07:22:13 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

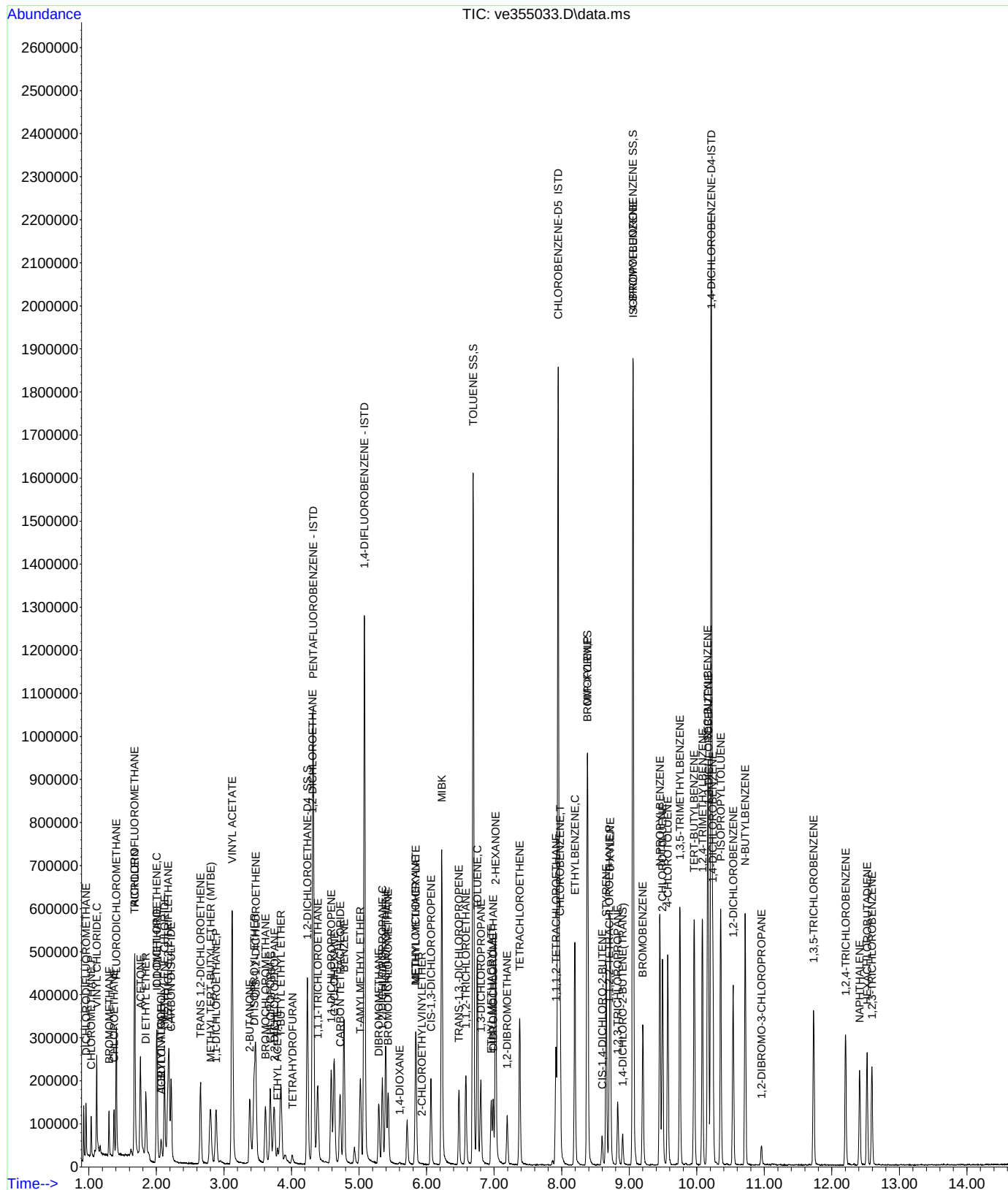
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) TRANS-1,3,-DICHLOROPRO...	6.478	75	73224	8.27	UG/L	96
62) ETHYL METHACRYLATE	6.955	69	61750	9.17	UG/L #	85
63) 1,1,2-TRICHLOROETHANE	6.581	97	54894	9.64	UG/L	98
64) 2-HEXANONE	7.022	43	277997	93.09	UG/L	97
65) TETRACHLOROETHENE	7.379	166	81385	10.88	UG/L	96
66) 1,3-DICHLOROPROPANE	6.802	76	88069	10.01	UG/L	97
67) DIBROMOCHLOROMETHANE	6.986	129	62320	8.45	UG/L	99
68) 1,2-DIBROMOETHANE	7.192	107	60454	10.28	UG/L #	97
71) CHLOROBENZENE	7.976	112	197830	10.59	UG/L	98
72) 1,1,1,2-TETRACHLOROETHANE	7.917	131	59569	8.95	UG/L	97
73) ETHYLBENZENE	8.196	91	316678	10.27	UG/L	94
74) M/P-XYLENES	8.383	91	504895	20.57	UG/L	99
75) O-XYLENE	8.720	91	253234	10.14	UG/L	97
76) STYRENE	8.659	104	189770	9.84	UG/L	99
77) BROMOFORM	8.377	173	36810	7.71	UG/L	100
78) ISOPROPYLBENZENE	9.058	105	330091	10.10	UG/L	98
79) CIS-1,4-DICHLORO-2-BUTENE	8.600	53	11179	5.71	UG/L	89
80) 1,1,2,2-TETRACHLOROETHANE	8.703	83	66864	9.53	UG/L	98
81) 1,4-DICHLORO-2-BUTENE(...	8.901	53	11929	6.26	UG/L	93
82) BROMOBENZENE	9.200	77	108033	9.61	UG/L	98
83) 1,2,3-TRICHLOROPROPANE	8.829	75	49980	9.89	UG/L	95
84) N-PROPYLBENZENE	9.454	91	378595	10.08	UG/L	97
85) 2-CHLOROTOLUENE	9.493	91	206193	9.88	UG/L	98
86) 1,3,5-TRIMETHYLBENZENE	9.749	105	266569	10.11	UG/L	98
87) 4-CHLOROTOLUENE	9.571	91	225276	10.03	UG/L	98
89) TERT-BUTYLBENZENE	9.961	119	238107	9.71	UG/L	96
90) 1,2,4-TRIMETHYLBENZENE	10.084	105	262462	9.38	UG/L	98
91) SEC-BUTYLBENZENE	10.162	105	365764	9.81	UG/L	97
92) 1,3-DICHLOROBENZENE	10.173	146	160140	9.59	UG/L	97
93) P-ISOPROPYLTOLUENE	10.354	119	284773	9.93	UG/L	97
94) 1,4-DICHLOROBENZENE	10.237	146	159699	9.89	UG/L	97
95) N-BUTYLBENZENE	10.717	91	270239	9.43	UG/L	97
96) 1,2-DICHLOROBENZENE	10.538	146	144815	9.40	UG/L	97
97) 1,2-DIBROMO-3-CHLOROPR...	10.957	75	8350	7.34	UG/L	83
98) 1,3,5-TRICHLOROBENZENE	11.729	180	98362	9.35	UG/L	94
99) 1,2,4-TRICHLOROBENZENE	12.206	180	77363	9.00	UG/L	96
100) HEXACHLOROBUTADIENE	12.521	225	42668	9.17	UG/L	98
101) NAPHTHALENE	12.412	128	147306	8.45	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.594	180	59632	8.95	UG/L	96

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

745

Inst : GCMSV0A5

Quant Time: Dec 21 07:22:13 2012
Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
Qlast Update : Sun Nov 18 11:06:04 2012
Response via : Initial Calibration



1 - FORM I

ANALYSIS DATA SHEET

LCS Dup

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
Client: CDM Smith, Inc. - NY Project: Doro Cleaners
Matrix: Soil Laboratory ID: B065048-BSD1 File ID: ve355034.D
Sampled: Prepared: 12/20/12 13:16 Analyzed: 12/21/12 03:14
Solids: Preparation: SW-846 5035 Dilution:
Batch: B065048 Sequence: S003722 Calibration: 1300013 Instrument: GCMSVOA5
Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
156-59-2	cis-1,2-Dichloroethylene	0.0112	0.000057	0.0011	

Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355034.D
 Acq On : 21 Dec 2012 3:14 am
 Operator :
 Sample : B0-BSD1
 Misc : 1
 ALS Vial : 34 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 21 07:22:40 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.320	168	603444	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.081	114	898286	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	438819	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	491993	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	250963	25.03	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	100.12%	
48) TOLUENE SS	6.690	98	857352	24.49	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	97.96%	
70) 4-BROMOFLUOROBENZENE SS	9.055	95	328134	24.95	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	99.80%	
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	0.956	85	49794	5.91	UG/L	97
5) CHLOROMETHANE	1.035	50	45534m	5.22	UG/L	
6) VINYL CHLORIDE	1.115	62	86464	10.61	UG/L	98
7) BROMOMETHANE	1.297	94	41827	12.82	UG/L	95
8) CHLOROETHANE	1.372	64	46945	12.80	UG/L #	85
10) FLUORODICHLOROMETHANE	1.405	67	161249	12.73	UG/L	90
11) TRICHLOROFLUOROMETHANE	1.676	101	153765	13.28	UG/L	100
12) DI ETHYL ETHER	1.843	59	53456	12.40	UG/L #	84
13) ACROLEIN	1.682	56	116383	278.65	UG/L	98
14) ACETONE	1.762	43	196789	167.65	UG/L	92
15) 1,1-DICHLOROETHENE	2.002	61	88781	9.88	UG/L	99
16) 1,1,2-TRICL-1,2,2-TRIF...	2.170	101	64805	12.13	UG/L	96
17) IODOMETHANE	2.008	142	82067	14.11	UG/L	93
20) T-BUTYL ALCOHOL	2.069	59	28531	107.28	UG/L #	84
21) ACRYLONITRILE	2.069	53	14837	10.84	UG/L	98
22) METHYLENE CHLORIDE	2.117	49	76292	10.71	UG/L #	68
23) CARBON DISULFIDE	2.217	76	187618	10.49	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.803	73	137347	11.22	UG/L #	87
25) TRANS 1,2-DICHLOROETHENE	2.652	61	80886	10.08	UG/L #	84
26) 1,1-DICHLOROETHANE	2.881	63	103406	10.37	UG/L	94
28) VINYL ACETATE	3.120	43	804009	86.94	UG/L #	93
30) DI ISOPROYL ETHER	3.447	45	144390	10.23	UG/L #	79
31) 2-BUTANONE	3.385	43	164077	121.68	UG/L #	86
33) T-BUTYL ETHYL ETHER	3.843	59	146159	9.99	UG/L #	89
34) CIS-1,2-DICHLOROETHENE	3.469	61	83354	9.86	UG/L #	82
35) 2,2-DICHLOROPROPANE	3.745	77	74642	8.62	UG/L #	84
36) ETHYL ACETATE	3.793	43	27771	8.29	UG/L #	89
37) BROMOCHLOROMETHANE	3.614	49	44767	9.41	UG/L #	67
38) TETRAHYDROFURAN	4.013	42	11566m	12.62	UG/L	
39) CHLOROFORM	3.687	83	117539	11.02	UG/L	97
41) 1,1,1-TRICHLOROETHANE	4.386	97	99195	10.19	UG/L	93
42) CYCLOHEXANE	4.632	56	93775	11.01	UG/L #	69
43) CARBON TETRACHLORIDE	4.724	117	83674	9.88	UG/L	96
44) 1,1-DICHLOROPROPENE	4.587	75	88063	10.85	UG/L	99
45) BENZENE	4.777	78	247640	10.63	UG/L	100
46) T-AMYL METHYL ETHER	5.020	73	136860	10.10	UG/L #	93
49) 1,2-DICHLOROETHANE	4.308	62	82360	9.76	UG/L #	78
50) METHYL METHACRYLATE	5.842	41	42381	10.51	UG/L #	73
51) TRICHLOROETHENE	5.396	95	69249	10.07	UG/L	97
52) METHYLCYCLOHEXANE	5.842	83	111797	11.98	UG/L #	82
53) 1,2-DICHLOROPROPANE	5.346	63	59725	9.35	UG/L #	99
54) DIBROMOMETHANE	5.290	93	41359	9.98	UG/L	88
55) 1,4-DIOXANE	5.611	88	5309m	115.83	UG/L	
56) BROMODICHLOROMETHANE	5.429	83	81818	8.79	UG/L	94
57) 2-CHLOROETHYL VINYLETHER	5.929	63	4843	3.84	UG/L	97
58) MIBK	6.224	43	388027	92.83	UG/L #	98
59) CIS-1,3-DICHLOROPROPENE	6.065	75	85235	8.24	UG/L	97
60) TOLUENE	6.751	91	278142	10.40	UG/L	98

Data Path : C:\msdchem\1\DATA\122012\
 Data File : ve355034.D
 Acq On : 21 Dec 2012 3:14 am
 Operator :
 Sample : B0-BSD1
 Misc : 1
 ALS Vial : 34 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 21 07:22:40 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) TRANS-1,3,-DICHLOROPRO...	6.478	75	71170	8.21	UG/L	97
62) ETHYL METHACRYLATE	6.958	69	60324	9.15	UG/L #	84
63) 1,1,2-TRICHLOROETHANE	6.581	97	53787	9.64	UG/L	99
64) 2-HEXANONE	7.022	43	270417	92.45	UG/L	97
65) TETRACHLOROETHENE	7.379	166	80690	11.01	UG/L	96
66) 1,3-DICHLOROPROPANE	6.801	76	88317	10.25	UG/L	100
67) DIBROMOCHLOROMETHANE	6.986	129	62263	8.62	UG/L	98
68) 1,2-DIBROMOETHANE	7.192	107	58587	10.17	UG/L #	99
71) CHLOROBENZENE	7.975	112	192330	10.56	UG/L	99
72) 1,1,1,2-TETRACHLOROETHANE	7.920	131	57066	8.79	UG/L	97
73) ETHYLBENZENE	8.193	91	317817	10.57	UG/L	96
74) M/P-XYLENES	8.380	91	504345	21.07	UG/L	98
75) O-XYLENE	8.720	91	253643	10.41	UG/L	96
76) STYRENE	8.659	104	184954	9.83	UG/L	99
77) BROMOFORM	8.377	173	36708	7.88	UG/L #	96
78) ISOPROPYLBENZENE	9.057	105	325570	10.21	UG/L	97
79) CIS-1,4-DICHLORO-2-BUTENE	8.597	53	11361	5.95	UG/L	91
80) 1,1,2,2-TETRACHLOROETHANE	8.706	83	65210	9.53	UG/L	99
81) 1,4-DICHLORO-2-BUTENE(...	8.901	53	11964	6.43	UG/L	93
82) BROMOBENZENE	9.202	77	106613	9.73	UG/L	98
83) 1,2,3-TRICHLOROPROPANE	8.832	75	48422	9.83	UG/L	99
84) N-PROPYLBENZENE	9.453	91	369558	10.09	UG/L	97
85) 2-CHLOROTOLUENE	9.492	91	203372	9.99	UG/L	99
86) 1,3,5-TRIMETHYLBENZENE	9.752	105	251451	9.77	UG/L	100
87) 4-CHLOROTOLUENE	9.571	91	215702	9.85	UG/L	99
89) TERT-BUTYLBENZENE	9.961	119	236305	9.84	UG/L	97
90) 1,2,4-TRIMETHYLBENZENE	10.084	105	257543	9.41	UG/L	99
91) SEC-BUTYLBENZENE	10.162	105	365970	10.03	UG/L	97
92) 1,3-DICHLOROBENZENE	10.173	146	156217	9.57	UG/L	97
93) P-ISOPROPYLTOLUENE	10.354	119	280482	10.00	UG/L	97
94) 1,4-DICHLOROBENZENE	10.240	146	160354	10.15	UG/L	97
95) N-BUTYLBENZENE	10.717	91	261178	9.31	UG/L	96
96) 1,2-DICHLOROBENZENE	10.541	146	142514	9.45	UG/L	99
97) 1,2-DIBROMO-3-CHLOROPR...	10.959	75	8671	7.79	UG/L	84
98) 1,3,5-TRICHLOROBENZENE	11.729	180	96392	9.37	UG/L	94
99) 1,2,4-TRICHLOROBENZENE	12.206	180	77662	9.24	UG/L	95
100) HEXACHLOROBUTADIENE	12.521	225	41445	9.10	UG/L	96
101) NAPHTHALENE	12.412	128	151359	8.88	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.593	180	60297	9.25	UG/L	95

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

749

Inst : GCMSV0A5

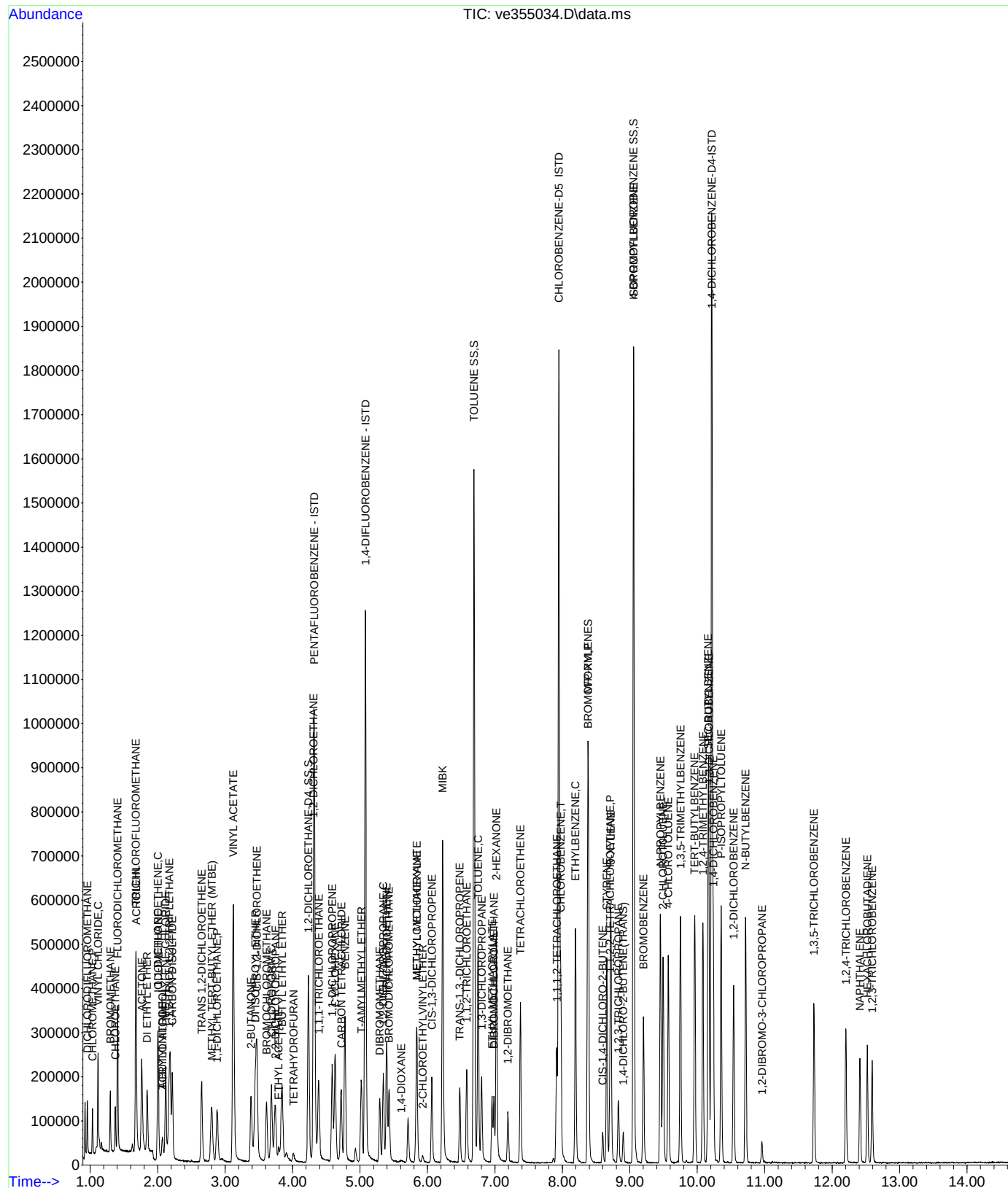
Quant Time: Dec 21 07:22:40 2012

Quant Method : C:\msdchem\1\METHODS\E111712W.m

Quant Title : 8260 WATER 5MLS VOAMS 5973 #5

QLast Update : Sun Nov 18 11:06:04 2012

Response via : Initial Calibration



1 - FORM I

ANALYSIS DATA SHEET

Blank

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
Client: CDM Smith, Inc. - NY Project: Doro Cleaners
Matrix: Water Laboratory ID: B065205-BLK1 File ID: ve358008.D
Sampled: Prepared: 12/23/12 07:20 Analyzed: 12/23/12 10:30
Solids: Preparation: SW-846 5030B Dilution:
Batch: B065205 Sequence: S003720 Calibration: 1200253 Instrument: GCMSVOA5
Column: 1

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-01-4	Vinyl Chloride		0.16	2.0	

Data Path : C:\msdchem\1\DATA\122312\
 Data File : ve358008.D
 Acq On : 23 Dec 2012 10:30 am
 Operator :
 Sample : B0-BLK1
 Misc : 1
 ALS Vial : 8 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 24 11:07:45 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

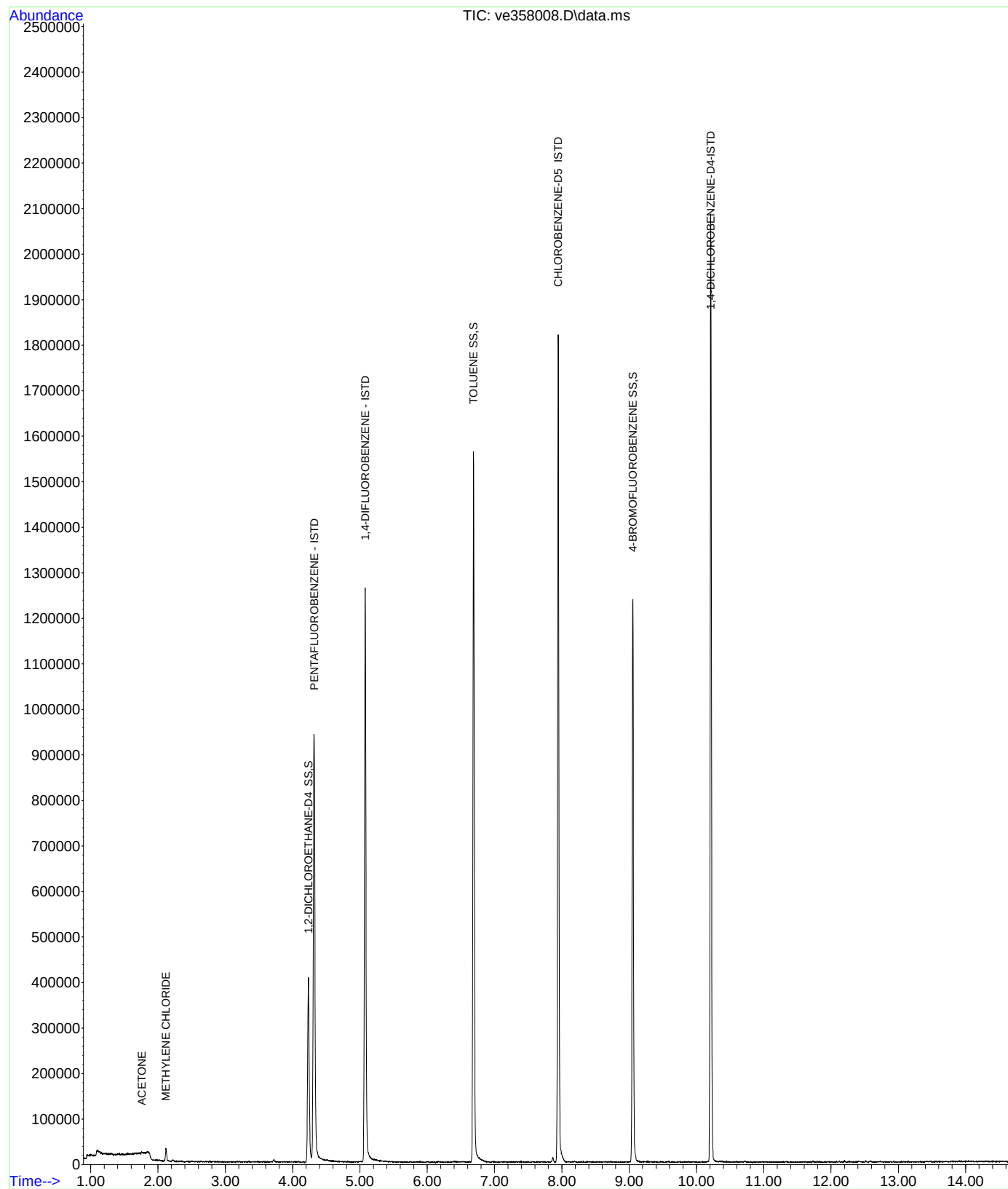
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.320	168	582278	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.078	114	885572	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.945	82	444855	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.212	152	462206	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	235627	24.36	UG/L	0.00
Spiked Amount 25.000	Range	70 - 130	Recovery	=	97.44%	
48) TOLUENE SS	6.687	98	860236	24.92	UG/L	0.00
Spiked Amount 25.000	Range	70 - 130	Recovery	=	99.68%	
70) 4-BROMOFLUOROBENZENE SS	9.055	95	324856	24.37	UG/L	0.00
Spiked Amount 25.000	Range	70 - 130	Recovery	=	97.48%	
Target Compounds						
						Qvalue
14) ACETONE	1.757	43	508	0.45	UG/L #	39
22) METHYLENE CHLORIDE	2.117	49	9924	1.44	UG/L #	66

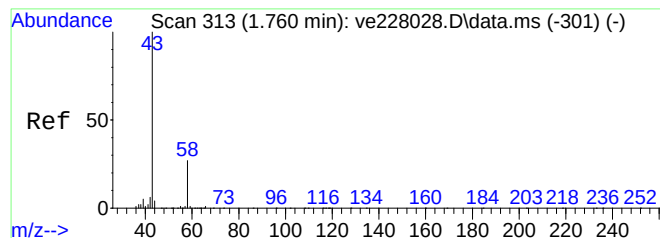
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\DATA\122312\
Data File : ve358008.D
Acq On : 23 Dec 2012 10:30 am
Operator :
Sample : B0-BLK1
Misc : 1
ALS Vial : 8 Sample Multiplier: 1

Inst : GCMSV0A5

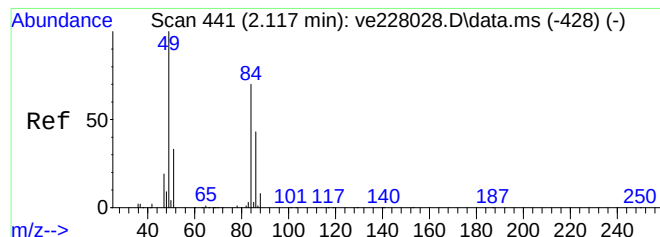
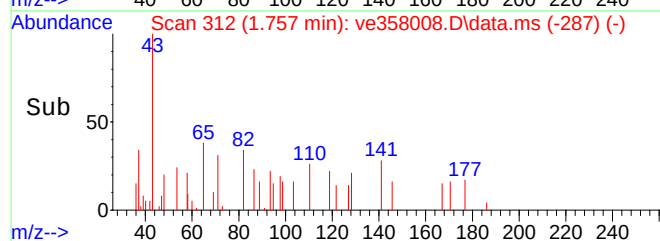
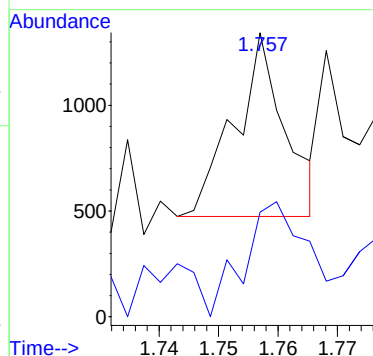
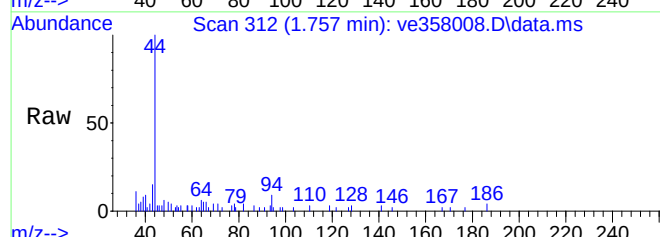
Quant Time: Dec 24 11:07:45 2012
Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Sun Nov 18 11:06:04 2012
Response via : Initial Calibration





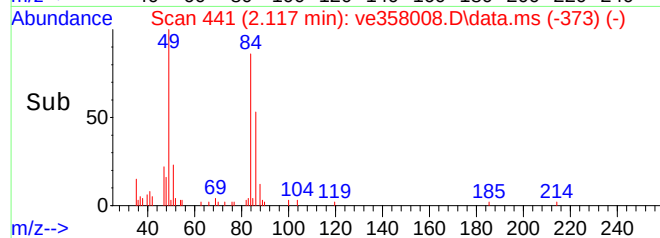
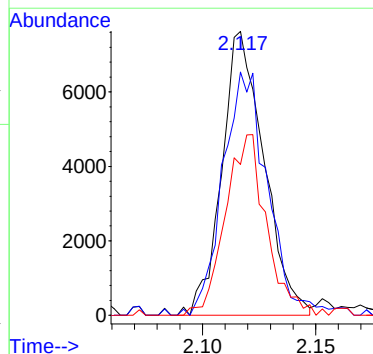
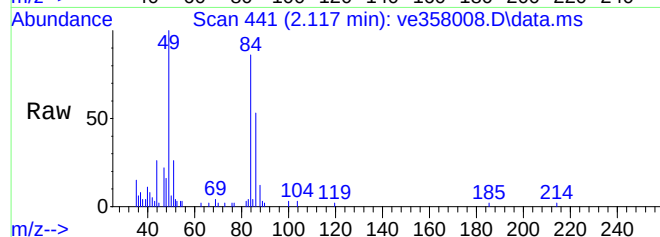
#14
 ACETONE
 Concen: 0.45 UG/L
 RT: 1.757 min Scan# 312
 Delta R.T. -0.003 min
 Lab File: ve358008.D
 Acq: 23 Dec 2012 10:30 am

Tgt Ion: 43 Resp: 508
 Ion Ratio Lower Upper
 43 100
 58 0.0 28.2 42.4#



#22
 METHYLENE CHLORIDE
 Concen: 1.44 UG/L
 RT: 2.117 min Scan# 441
 Delta R.T. 0.001 min
 Lab File: ve358008.D
 Acq: 23 Dec 2012 10:30 am

Tgt Ion: 49 Resp: 9924
 Ion Ratio Lower Upper
 49 100
 84 91.8 52.4 78.6#
 86 62.0 32.2 48.2#



1 - FORM I

ANALYSIS DATA SHEET

LCS

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
Client: CDM Smith, Inc. - NY Project: Doro Cleaners
Matrix: Water Laboratory ID: B065205-BS1 File ID: ve358005.D
Sampled: Prepared: 12/23/12 07:20 Analyzed: 12/23/12 09:12
Solids: Preparation: SW-846 5030B Dilution:
Batch: B065205 Sequence: S003720 Calibration: 1200253 Instrument: GCMSVOA5
Column: 1

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-01-4	Vinyl Chloride	9.82	0.16	2.0	

Data Path : C:\msdchem\1\DATA\122312\
 Data File : ve358005.D
 Acq On : 23 Dec 2012 9:12 am
 Operator :
 Sample : B0-BS1
 Misc : 1
 ALS Vial : 5 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 24 11:05:40 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Fri Dec 21 14:08:20 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.320	168	614342	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.081	114	902107	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	453127	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	510106	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	260087	25.48	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	101.92%	
48) TOLUENE SS	6.687	98	893107	25.40	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	101.60%	
70) 4-BROMOFLUOROBENZENE SS	9.055	95	338964	24.96	UG/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	99.84%	
Target Compounds						
					Qvalue	
3) DICHLORODIFLUOROMETHANE	0.956	85	42083	4.90	UG/L	100
5) CHLOROMETHANE	1.032	50	34795m	3.12	UG/L	
6) VINYL CHLORIDE	1.113	62	81480	9.82	UG/L	97
7) BROMOMETHANE	1.297	94	25719	7.75	UG/L	92
8) CHLOROETHANE	1.372	64	42920	11.50	UG/L	# 79
10) FLUORODICHLOROMETHANE	1.405	67	161121	12.49	UG/L	92
11) TRICHLOROFLUOROMETHANE	1.673	101	152511	12.93	UG/L	99
12) DI ETHYL ETHER	1.846	59	56760m	12.93	UG/L	
13) ACROLEIN	1.682	56	124250	292.21	UG/L	99
14) ACETONE	1.762	43	206262	172.60	UG/L	91
15) 1,1-DICHLOROETHENE	2.002	61	89817	9.82	UG/L	99
16) 1,1,2-TRICL-1,2,2-TRIF...	2.170	101	65080	11.97	UG/L	97
17) IODOMETHANE	2.008	142	101037	15.90	UG/L	92
19) METHYL ACETATE	2.192	43	33797	7.67	UG/L	# 87
20) T-BUTYL ALCOHOL	2.066	59	34804m	128.55	UG/L	
21) ACRYLONITRILE	2.069	53	17649	12.66	UG/L	96
22) METHYLENE CHLORIDE	2.119	49	80483	11.09	UG/L	# 69
23) CARBON DISULFIDE	2.217	76	196906	10.82	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.803	73	151316	12.14	UG/L	# 86
25) TRANS 1,2-DICHLOROETHENE	2.649	61	84311	10.32	UG/L	86
26) 1,1-DICHLOROETHANE	2.881	63	108088	10.65	UG/L	94
28) VINYL ACETATE	3.120	43	973776	102.45	UG/L	# 93
30) DI ISOPROYL ETHER	3.447	45	154750	10.77	UG/L	# 80
31) 2-BUTANONE	3.383	43	183409	133.60	UG/L	# 88
33) T-BUTYL ETHYL ETHER	3.843	59	163535	10.98	UG/L	# 89
34) CIS-1,2-DICHLOROETHENE	3.469	61	85212	9.90	UG/L	# 83
35) 2,2-DICHLOROPROPANE	3.742	77	91648	10.39	UG/L	98
36) ETHYL ACETATE	3.790	43	32980	9.63	UG/L	# 90
37) BROMOCHLOROMETHANE	3.614	49	47260	9.76	UG/L	# 75
38) TETRAHYDROFURAN	4.010	42	11251	12.01	UG/L	# 73
39) CHLOROFORM	3.687	83	122305	11.27	UG/L	98
41) 1,1,1-TRICHLOROETHANE	4.386	97	104235	10.52	UG/L	94
42) CYCLOHEXANE	4.629	56	99073	11.42	UG/L	# 76
43) CARBON TETRACHLORIDE	4.721	117	88591	10.28	UG/L	97
44) 1,1-DICHLOROPROPENE	4.584	75	92344	11.18	UG/L	98
45) BENZENE	4.777	78	250492	10.57	UG/L	100
46) T-AMYL METHYL ETHER	5.019	73	151330	10.97	UG/L	# 93
49) 1,2-DICHLOROETHANE	4.311	62	84629	9.98	UG/L	# 82
50) METHYL METHACRYLATE	5.839	41	44783	11.06	UG/L	# 74
51) TRICHLOROETHENE	5.390	95	70748	10.24	UG/L	98
52) METHYLCYCLOHEXANE	5.839	83	116911	12.48	UG/L	# 81
53) 1,2-DICHLOROPROPANE	5.343	63	61637	9.61	UG/L	# 93
54) DIBROMOMETHANE	5.293	93	44609	10.72	UG/L	84
55) 1,4-DIOXANE	5.602	88	5976m	129.83	UG/L	
56) BROMODICHLOROMETHANE	5.429	83	85896	9.19	UG/L	96
57) 2-CHLOROETHYL VINYLETHER	5.929	63	2669	2.10	UG/L	90
58) MIBK	6.224	43	433775	103.34	UG/L	# 97
59) CIS-1,3-DICHLOROPROPENE	6.062	75	95691	9.21	UG/L	96

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 Acq On : 23 Dec 2012 9:12 am
 Operator :
 Sample : B0-BS1
 Misc : 1
 ALS Vial : 5 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 24 11:05:40 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Fri Dec 21 14:08:20 2012
 Response via : Initial Calibration

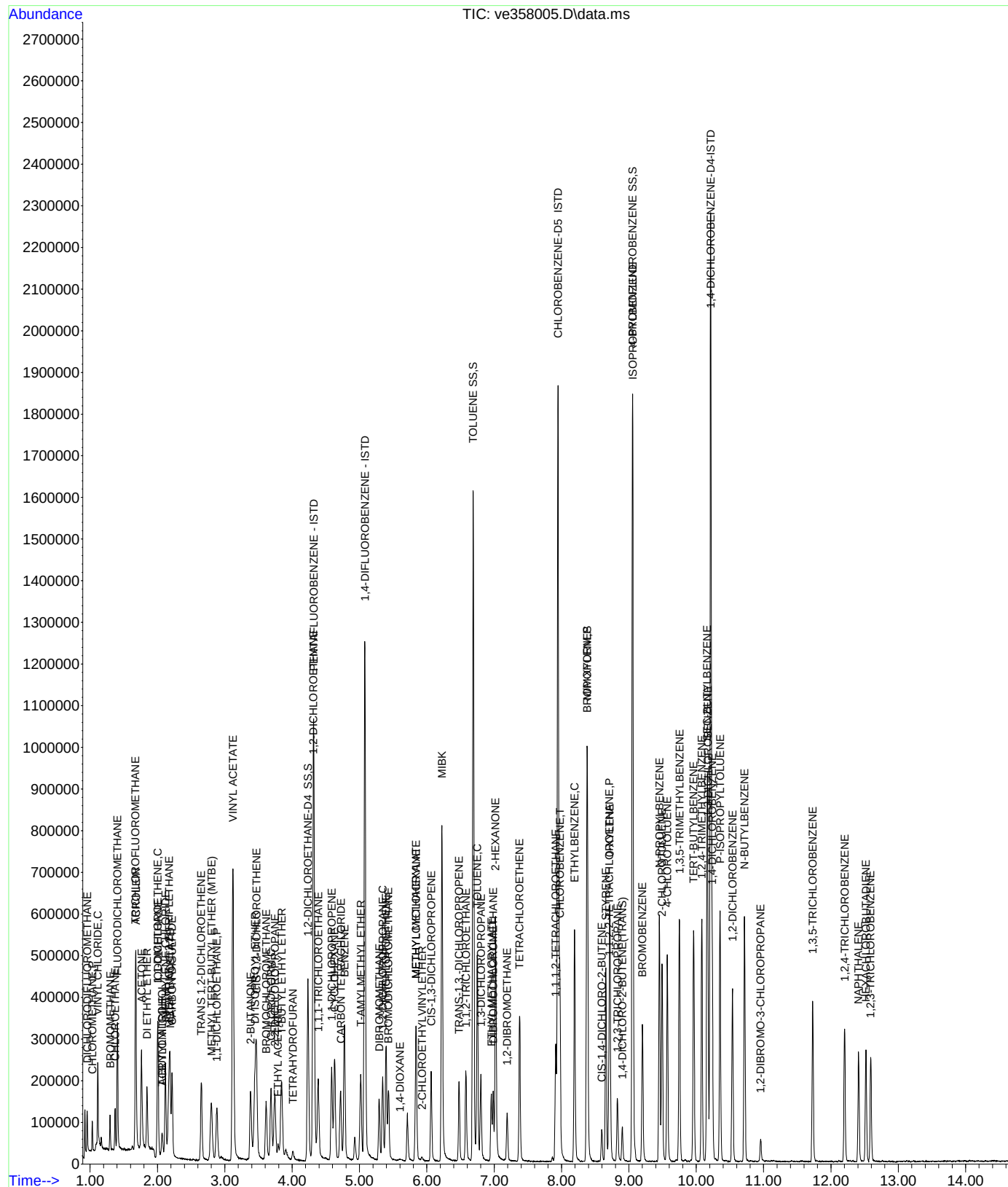
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) TOLUENE	6.748	91	287005	10.69	UG/L	99
61) TRANS-1,3,-DICHLOROPRO...	6.478	75	82455	9.47	UG/L	94
62) ETHYL METHACRYLATE	6.958	69	67697	10.22	UG/L #	82
63) 1,1,2-TRICHLOROETHANE	6.581	97	56588	10.10	UG/L	99
64) 2-HEXANONE	7.019	43	300685	102.36	UG/L	97
65) TETRACHLOROETHENE	7.376	166	82778	11.25	UG/L	95
66) 1,3-DICHLOROPROPANE	6.801	76	92256	10.66	UG/L	100
67) DIBROMOCHLOROMETHANE	6.985	129	67753	9.34	UG/L	100
68) 1,2-DIBROMOETHANE	7.192	107	62559	10.81	UG/L	98
71) CHLOROBENZENE	7.975	112	198731	10.57	UG/L	100
72) 1,1,1,2-TETRACHLOROETHANE	7.914	131	62221	9.28	UG/L	98
73) ETHYLBENZENE	8.193	91	330737	10.65	UG/L	95
74) M/P-XYLENES	8.383	91	517946	20.95	UG/L	99
75) O-XYLENE	8.717	91	261142	10.38	UG/L	97
76) STYRENE	8.659	104	193833	9.98	UG/L	100
77) BROMOFORM	8.377	173	41566	8.64	UG/L #	98
78) ISOPROPYLBENZENE	9.057	105	333857	10.14	UG/L	98
79) CIS-1,4-DICHLORO-2-BUTENE	8.597	53	13100	6.65	UG/L #	81
80) 1,1,2,2-TETRACHLOROETHANE	8.706	83	71347	10.10	UG/L	99
81) 1,4-DICHLORO-2-BUTENE(...	8.901	53	13810	7.19	UG/L #	81
82) BROMOBENZENE	9.200	77	112535	9.94	UG/L	97
83) 1,2,3-TRICHLOROPROPANE	8.832	75	51506	10.12	UG/L	97
84) N-PROPYLBENZENE	9.453	91	380497	10.06	UG/L	98
85) 2-CHLOROTOLUENE	9.492	91	214776	10.22	UG/L	100
86) 1,3,5-TRIMETHYLBENZENE	9.752	105	266474	10.03	UG/L	98
87) 4-CHLOROTOLUENE	9.571	91	226689	10.03	UG/L	99
89) TERT-BUTYLBENZENE	9.961	119	233035	9.36	UG/L	96
90) 1,2,4-TRIMETHYLBENZENE	10.081	105	266778	9.40	UG/L	98
91) SEC-BUTYLBENZENE	10.162	105	365892	9.67	UG/L	97
92) 1,3-DICHLOROBENZENE	10.173	146	163506	9.66	UG/L	97
93) P-ISOPROPYLTOLUENE	10.354	119	288002	9.90	UG/L	99
94) 1,4-DICHLOROBENZENE	10.237	146	168422	10.28	UG/L	97
95) N-BUTYLBENZENE	10.717	91	277815	9.55	UG/L	96
96) 1,2-DICHLOROBENZENE	10.538	146	149645	9.57	UG/L	99
97) 1,2-DIBROMO-3-CHLOROPR...	10.954	75	9462	8.20	UG/L	88
98) 1,3,5-TRICHLOROBENZENE	11.729	180	103393	9.69	UG/L	94
99) 1,2,4-TRICHLOROBENZENE	12.203	180	84126	9.65	UG/L	95
100) HEXACHLOROBUTADIENE	12.518	225	44448	9.42	UG/L	98
101) NAPHTHALENE	12.409	128	167830	9.50	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.588	180	65808	9.74	UG/L	95

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

757

Inst : GCMSV0A5

Quant Time: Dec 24 11:05:40 2012
Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Fri Dec 21 14:08:20 2012
Response via : Initial Calibration



1 - FORM I

ANALYSIS DATA SHEET

LCS Dup

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
Client: CDM Smith, Inc. - NY Project: Doro Cleaners
Matrix: Water Laboratory ID: B065205-BSD1 File ID: ve358006.D
Sampled: Prepared: 12/23/12 07:20 Analyzed: 12/23/12 09:38
Solids: Preparation: SW-846 5030B Dilution:
Batch: B065205 Sequence: S003720 Calibration: 1200253 Instrument: GCMSVOA5
Column: 1

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-01-4	Vinyl Chloride	10.3	0.16	2.0	

Data Path : C:\msdchem\1\DATA\122312\
 Data File : ve358006.D
 Acq On : 23 Dec 2012 9:38 am
 Operator :
 Sample : B0-BSD1
 Misc : 1
 ALS Vial : 6 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 24 11:07:13 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.320	168	607976	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.078	114	911785	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.945	82	458097	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	499006	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	241351	23.89	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	95.56%		
48) TOLUENE SS	6.687	98	896415	25.22	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.88%		
70) 4-BROMOFLUOROBENZENE SS	9.055	95	341948	24.91	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.64%		
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	0.957	85	38853	4.58	UG/L	98
5) CHLOROMETHANE	1.035	50	44431	4.95	UG/L	97
6) VINYL CHLORIDE	1.115	62	84777	10.33	UG/L	95
7) BROMOMETHANE	1.297	94	33819	10.29	UG/L	94
8) CHLOROETHANE	1.372	64	45304	12.26	UG/L #	83
10) FLUORODICHLOROMETHANE	1.406	67	154878	12.14	UG/L	92
11) TRICHLOROFLUOROMETHANE	1.673	101	149299	12.79	UG/L	100
12) DI ETHYL ETHER	1.843	59	52766	12.15	UG/L #	85
13) ACROLEIN	1.679	56	104372	248.03	UG/L	100
14) ACETONE	1.760	43	159316	134.72	UG/L	90
15) 1,1-DICHLOROETHENE	2.002	61	90429	9.99	UG/L	99
16) 1,1,2-TRICL-1,2,2-TRIF...	2.167	101	65669	12.20	UG/L	97
17) IODOMETHANE	2.008	142	94202	15.30	UG/L	92
19) METHYL ACETATE	2.192	43	27935	6.40	UG/L #	85
20) T-BUTYL ALCOHOL	2.066	59	24236m	90.45	UG/L	
21) ACRYLONITRILE	2.069	53	12339	8.94	UG/L	90
22) METHYLENE CHLORIDE	2.117	49	82238	11.45	UG/L #	71
23) CARBON DISULFIDE	2.217	76	184385	10.24	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.800	73	125568	10.18	UG/L #	87
25) TRANS 1,2-DICHLOROETHENE	2.652	61	83772	10.36	UG/L #	84
26) 1,1-DICHLOROETHANE	2.884	63	108430	10.79	UG/L	96
28) VINYL ACETATE	3.118	43	782066	84.12	UG/L #	94
30) DI ISOPROYL ETHER	3.444	45	147678	10.39	UG/L #	80
31) 2-BUTANONE	3.380	43	134010	98.64	UG/L #	82
33) T-BUTYL ETHYL ETHER	3.840	59	140960	9.57	UG/L #	89
34) CIS-1,2-DICHLOROETHENE	3.469	61	86127	10.12	UG/L #	83
35) 2,2-DICHLOROPROPANE	3.742	77	88466	10.14	UG/L	100
36) ETHYL ACETATE	3.795	43	23904	7.13	UG/L #	95
37) BROMOCHLOROMETHANE	3.611	49	45884	9.57	UG/L #	70
38) TETRAHYDROFURAN	4.010	42	10056m	10.74	UG/L	
39) CHLOROFORM	3.687	83	118896	11.07	UG/L	96
41) 1,1,1-TRICHLOROETHANE	4.384	97	101285	10.33	UG/L	98
42) CYCLOHEXANE	4.632	56	95699	11.15	UG/L #	71
43) CARBON TETRACHLORIDE	4.721	117	91290	10.70	UG/L	92
44) 1,1-DICHLOROPROPENE	4.585	75	92653	11.33	UG/L	97
45) BENZENE	4.774	78	254324	10.84	UG/L	100
46) T-AMYL METHYL ETHER	5.017	73	133053	9.75	UG/L #	92
49) 1,2-DICHLOROETHANE	4.309	62	80387	9.38	UG/L #	78
50) METHYL METHACRYLATE	5.839	41	45515	11.12	UG/L #	74
51) TRICHLOROETHENE	5.393	95	71334	10.22	UG/L	96
52) METHYLCYCLOHEXANE	5.839	83	115171	12.16	UG/L #	83
53) 1,2-DICHLOROPROPANE	5.343	63	59839	9.23	UG/L #	93
54) DIBROMOMETHANE	5.290	93	40850	9.71	UG/L	85
55) 1,4-DIOXANE	5.597	88	4885m	105.00	UG/L	
56) BROMODICHLOROMETHANE	5.430	83	86426	9.15	UG/L	97
57) 2-CHLOROETHYL VINYLETHER	5.923	63	908	0.71	UG/L #	18
58) MIBK	6.224	43	328613	77.45	UG/L #	98
59) CIS-1,3-DICHLOROPROPENE	6.063	75	89598	8.53	UG/L	96

Data Path : C:\msdchem\1\DATA\122312\
 Data File : ve358006.D
 Acq On : 23 Dec 2012 9:38 am
 Operator :
 Sample : B0-BSD1
 Misc : 1
 ALS Vial : 6 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 24 11:07:13 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) TOLUENE	6.749	91	286645	10.56	UG/L	99
61) TRANS-1,3,-DICHLOROPRO...	6.478	75	73994	8.41	UG/L	95
62) ETHYL METHACRYLATE	6.955	69	54976	8.21	UG/L #	85
63) 1,1,2-TRICHLOROETHANE	6.581	97	52849	9.34	UG/L	99
64) 2-HEXANONE	7.022	43	225509m	75.96	UG/L	
65) TETRACHLOROETHENE	7.376	166	83277	11.20	UG/L	96
66) 1,3-DICHLOROPROPANE	6.802	76	82639	9.45	UG/L	97
67) DIBROMOCHLOROMETHANE	6.988	129	62272	8.50	UG/L	99
68) 1,2-DIBROMOETHANE	7.192	107	54871	9.38	UG/L	100
71) CHLOROBENZENE	7.976	112	194791	10.24	UG/L	99
72) 1,1,1,2-TETRACHLOROETHANE	7.914	131	59357	8.76	UG/L	96
73) ETHYLBENZENE	8.193	91	321614	10.25	UG/L	95
74) M/P-XYLENES	8.383	91	512014	20.49	UG/L	99
75) O-XYLENE	8.717	91	255920	10.06	UG/L	96
76) STYRENE	8.659	104	185496	9.45	UG/L	98
77) BROMOFORM	8.374	173	35448	7.29	UG/L #	98
78) ISOPROPYLBENZENE	9.055	105	330968	9.94	UG/L	97
79) CIS-1,4-DICHLORO-2-BUTENE	8.600	53	10805	5.42	UG/L	86
80) 1,1,2,2-TETRACHLOROETHANE	8.706	83	60011	8.40	UG/L	98
81) 1,4-DICHLORO-2-BUTENE(...	8.899	53	11631m	5.99	UG/L	
82) BROMOBENZENE	9.203	77	110476	9.65	UG/L	95
83) 1,2,3-TRICHLOROPROPANE	8.829	75	42857	8.33	UG/L	94
84) N-PROPYLBENZENE	9.454	91	379537	9.93	UG/L	96
85) 2-CHLOROTOLUENE	9.493	91	211220	9.94	UG/L	100
86) 1,3,5-TRIMETHYLBENZENE	9.749	105	263250	9.80	UG/L	99
87) 4-CHLOROTOLUENE	9.571	91	220107	9.63	UG/L	98
89) TERT-BUTYLBENZENE	9.961	119	230021	9.45	UG/L	96
90) 1,2,4-TRIMETHYLBENZENE	10.084	105	260478	9.38	UG/L	99
91) SEC-BUTYLBENZENE	10.162	105	360844	9.75	UG/L	97
92) 1,3-DICHLOROBENZENE	10.170	146	154575	9.33	UG/L	96
93) P-ISOPROPYLTOLUENE	10.354	119	284649	10.00	UG/L	98
94) 1,4-DICHLOROBENZENE	10.237	146	158342	9.88	UG/L	96
95) N-BUTYLBENZENE	10.717	91	267190	9.39	UG/L	95
96) 1,2-DICHLOROBENZENE	10.538	146	136322	8.91	UG/L	98
97) 1,2-DIBROMO-3-CHLOROPR...	10.957	75	7443m	6.60	UG/L	
98) 1,3,5-TRICHLOROBENZENE	11.729	180	93979	9.01	UG/L	96
99) 1,2,4-TRICHLOROBENZENE	12.200	180	70228	8.24	UG/L	94
100) HEXACHLOROBUTADIENE	12.521	225	40895	8.86	UG/L	98
101) NAPHTHALENE	12.409	128	116924	6.76	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.591	180	48326	7.31	UG/L	95

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

761

Inst : GCMSV0A5

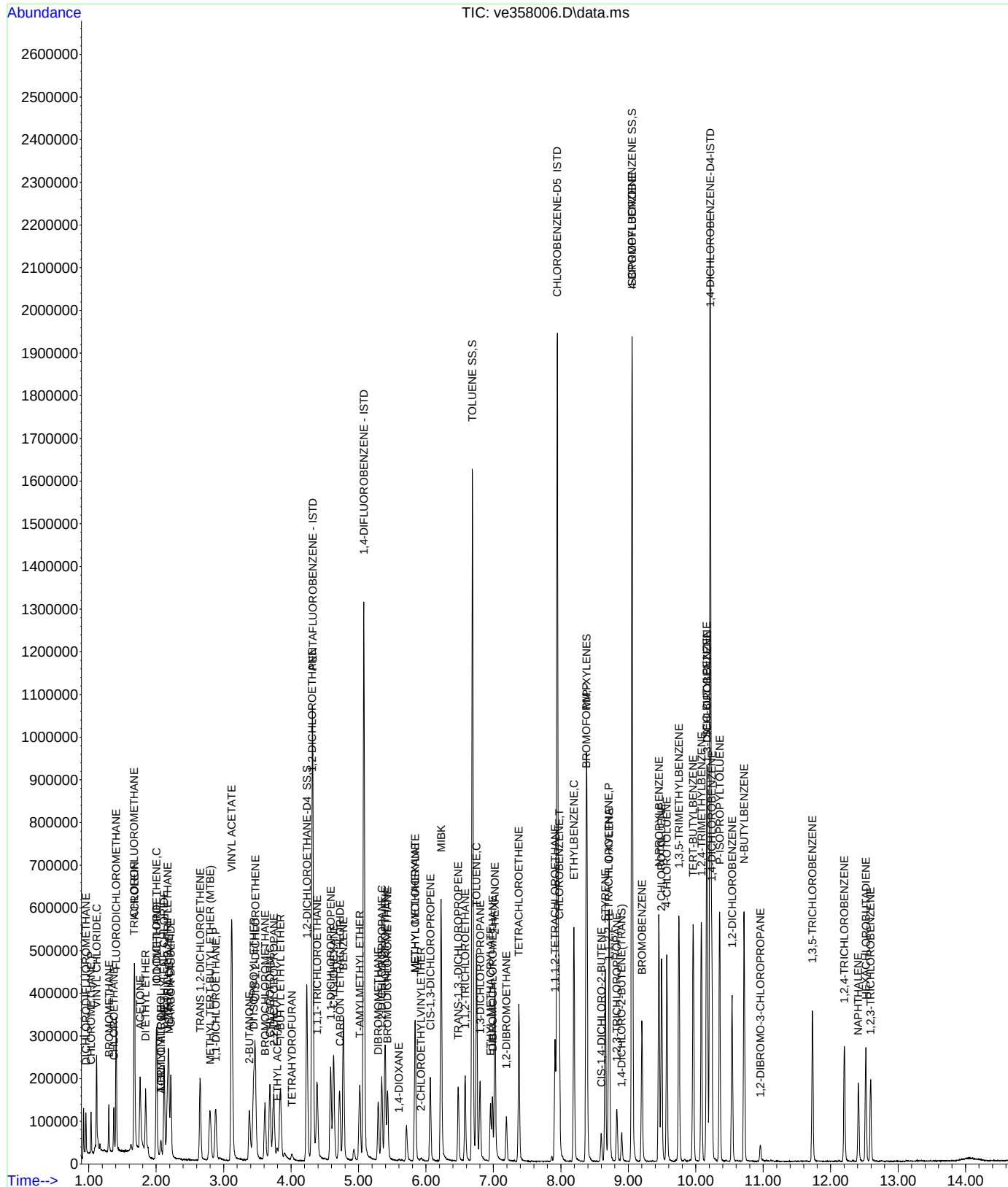
Quant Time: Dec 24 11:07:13 2012

Quant Method : C:\msdchem\1\METHODS\E111712W.m

Quant Title : 8260 WATER 5MLS VOAMS 5973 #5

QLast Update : Sun Nov 18 11:06:04 2012

Response via : Initial Calibration



1 - FORM I

ANALYSIS DATA SHEET

Blank

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
Client: CDM Smith, Inc. - NY Project: Doro Cleaners
Matrix: Water Laboratory ID: B065223-BLK1 File ID: ve354041.D
Sampled: Prepared: 12/19/12 09:41 Analyzed: 12/20/12 01:51
Solids: Preparation: SW-846 5030B Dilution:
Batch: B065223 Sequence: S003721 Calibration: 1200253 Instrument: GCMSVOA5
Column: 1

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	

Data Path : C:\msdchem\1\DATA\121912\
 Data File : ve354041.D
 Acq On : 20 Dec 2012 1:51 am
 Operator :
 Sample : B0-BLK1
 Misc : 1
 ALS Vial : 41 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 20 10:19:04 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

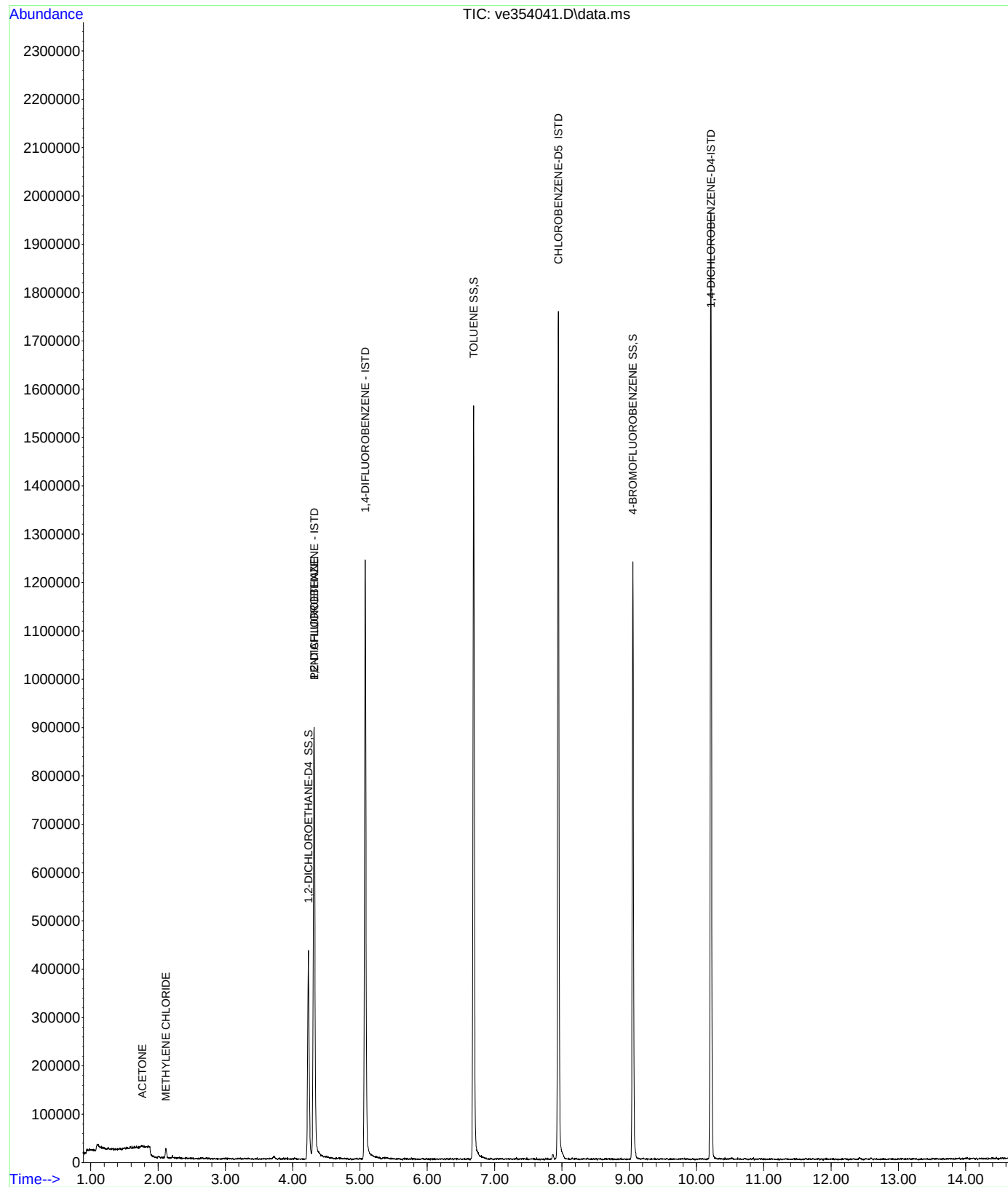
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.320	168	544291	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.078	114	856614	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	431309	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	427747	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	247094	27.32	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	109.28%	
48) TOLUENE SS	6.690	98	850323	25.47	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	101.88%	
70) 4-BROMOFLUOROBENZENE SS	9.055	95	309215	23.92	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	95.68%	
Target Compounds						
5) CHLOROMETHANE	1.035	50	1268	Below Cal	#	41
14) ACETONE	1.762	43	2742	2.59	UG/L #	39
22) METHYLENE CHLORIDE	2.116	49	8447	1.31	UG/L #	80
49) 1,2-DICHLOROETHANE	4.320	62	3206	0.40	UG/L #	1

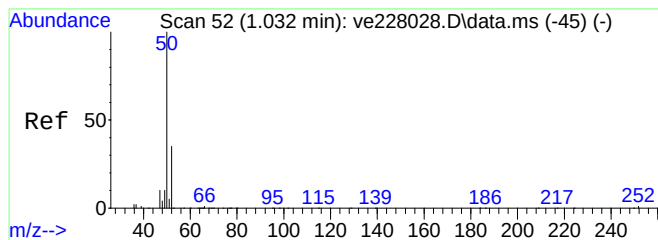
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : C:\msdchem\1\DATA\121912\
Data File : ve354041.D
Acq On : 20 Dec 2012 1:51 am
Operator :
Sample : B0-BLK1
Misc : 1
ALS Vial : 41 Sample Multiplier: 1

Inst : GCMSV0A5

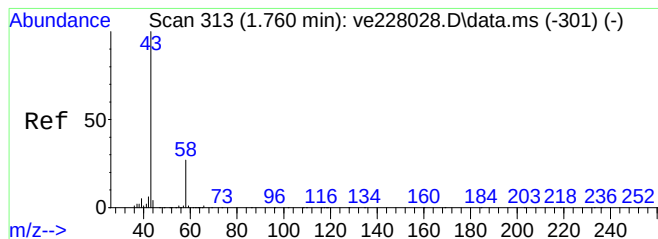
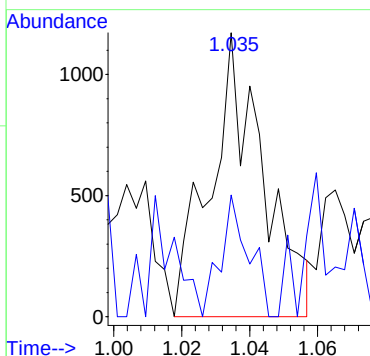
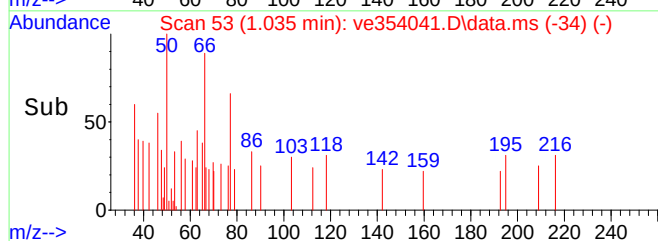
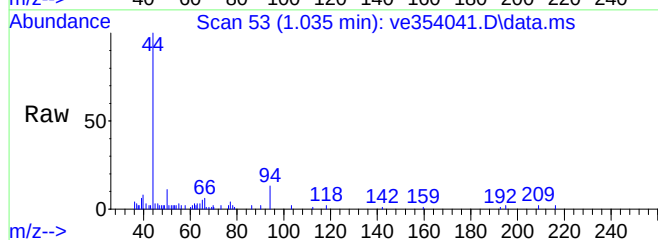
Quant Time: Dec 20 10:19:04 2012
Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Sun Nov 18 11:06:04 2012
Response via : Initial Calibration





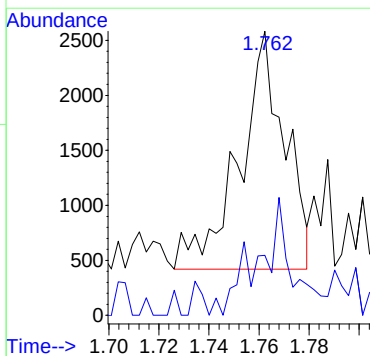
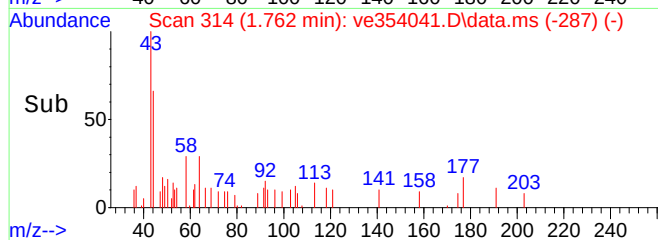
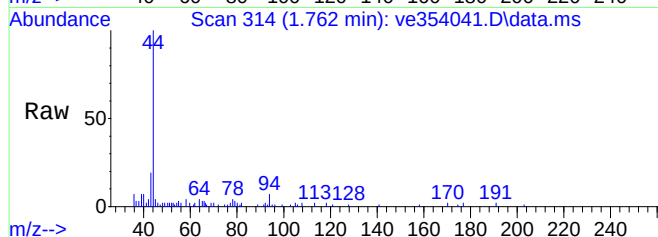
#5
 CHLOROMETHANE
 Concen: Below Cal
 RT: 1.035 min Scan# 53
 Delta R.T. -0.000 min
 Lab File: ve354041.D
 Acq: 20 Dec 2012 1:51 am

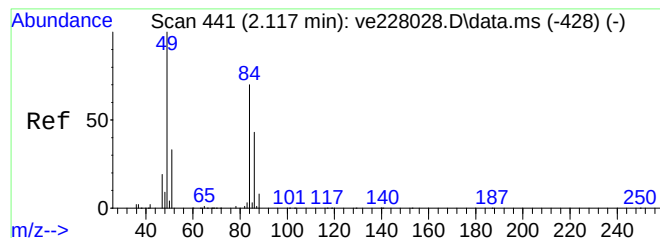
Tgt Ion: 50 Resp: 1268
 Ion Ratio Lower Upper
 50 100
 52 0.0 26.6 40.0#



#14
 ACETONE
 Concen: 2.59 UG/L
 RT: 1.762 min Scan# 314
 Delta R.T. 0.002 min
 Lab File: ve354041.D
 Acq: 20 Dec 2012 1:51 am

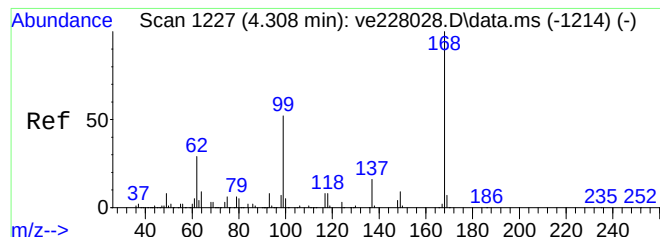
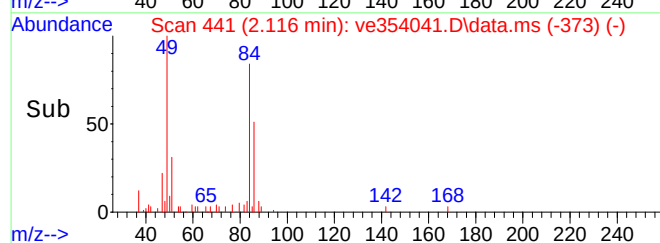
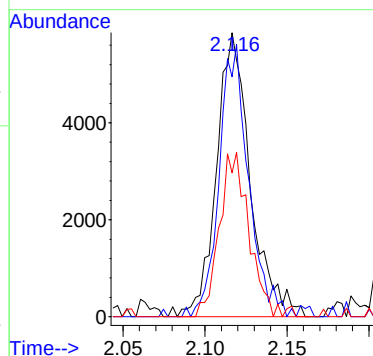
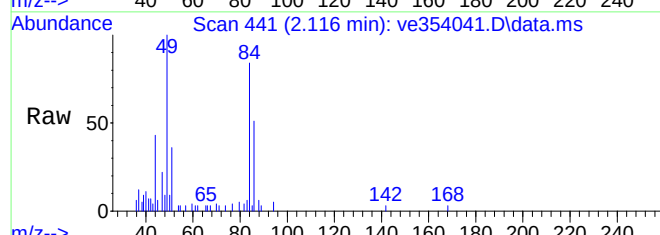
Tgt Ion: 43 Resp: 2742
 Ion Ratio Lower Upper
 43 100
 58 0.0 28.2 42.4#





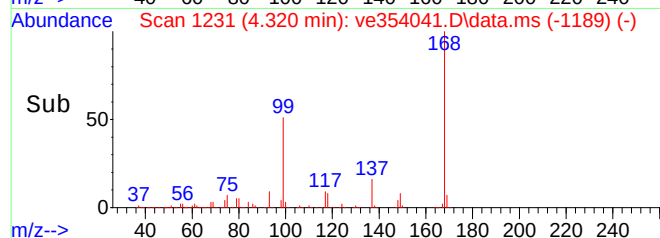
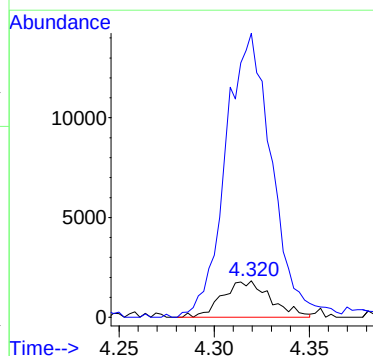
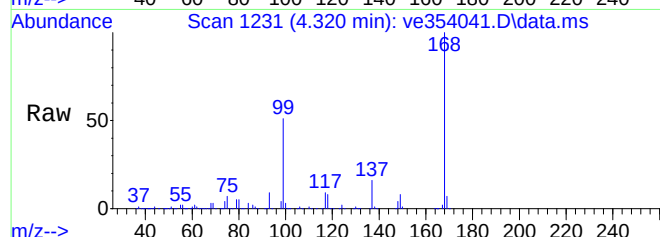
#22
METHYLENE CHLORIDE
Concen: 1.31 UG/L
RT: 2.116 min Scan# 441
Delta R.T. 0.000 min
Lab File: ve354041.D
Acq: 20 Dec 2012 1:51 am

Tgt Ion: 49 Resp: 8447
Ion Ratio Lower Upper
49 100
84 83.1 52.4 78.6#
86 50.2 32.2 48.2#



#49
1,2-DICHLOROETHANE
Concen: 0.40 UG/L
RT: 4.320 min Scan# 1231
Delta R.T. 0.014 min
Lab File: ve354041.D
Acq: 20 Dec 2012 1:51 am

Tgt Ion: 62 Resp: 3206
Ion Ratio Lower Upper
62 100
98 751.3 22.7 34.1#



1 - FORM I

ANALYSIS DATA SHEET

LCS

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
Client: CDM Smith, Inc. - NY Project: Doro Cleaners
Matrix: Water Laboratory ID: B065223-BS1 File ID: ve354038.D
Sampled: Prepared: 12/19/12 09:41 Analyzed: 12/20/12 00:33
Solids: Preparation: SW-846 5030B Dilution:
Batch: B065223 Sequence: S003721 Calibration: 1200253 Instrument: GCMSVOA5
Column: 1

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
156-59-2	cis-1,2-Dichloroethylene	10.5	0.050	1.0	

Data Path : C:\msdchem\1\DATA\121912\
 Data File : ve354038.D
 Acq On : 20 Dec 2012 12:33 am
 Operator :
 Sample : B0-BS1
 Misc : 1
 ALS Vial : 38 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 20 10:17:15 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.317	168	596474	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.078	114	909019	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	450629	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	481391	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.233	65	266327	26.87	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	107.48%		
48) TOLUENE SS	6.690	98	893382	25.21	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.84%		
70) 4-BROMOFLUOROBENZENE SS	9.055	95	333773	24.72	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	98.88%		
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	0.959	85	35097	4.21	UG/L	99
5) CHLOROMETHANE	1.035	50	45087	5.23	UG/L	100
6) VINYL CHLORIDE	1.115	62	86667	10.76	UG/L	95
7) BROMOMETHANE	1.297	94	35824	11.11	UG/L	98
8) CHLOROETHANE	1.372	64	46664	12.87	UG/L #	81
10) FLUORODICHLOROMETHANE	1.406	67	156595	12.51	UG/L	93
11) TRICHLOROFLUOROMETHANE	1.676	101	141291	12.34	UG/L	97
12) DI ETHYL ETHER	1.843	59	53423	12.53	UG/L #	87
13) ACROLEIN	1.679	56	104096	252.14	UG/L	100
14) ACETONE	1.762	43	162774	140.29	UG/L	91
15) 1,1-DICHLOROETHENE	2.005	61	91565	10.31	UG/L	98
16) 1,1,2-TRICL-1,2,2-TRIF...	2.175	101	63205	11.97	UG/L	95
17) IODOMETHANE	2.008	142	100799	16.19	UG/L	94
20) T-BUTYL ALCOHOL	2.064	59	22431	85.33	UG/L #	98
21) ACRYLONITRILE	2.072	53	13916	10.28	UG/L	94
22) METHYLENE CHLORIDE	2.117	49	109028	15.48	UG/L #	75
23) CARBON DISULFIDE	2.220	76	192147	10.87	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.797	73	134682	11.13	UG/L #	87
25) TRANS 1,2-DICHLOROETHENE	2.649	61	86264	10.87	UG/L	88
26) 1,1-DICHLOROETHANE	2.881	63	111720	11.33	UG/L #	96
28) VINYL ACETATE	3.121	43	817059	89.24	UG/L #	95
30) DI ISOPROYL ETHER	3.444	45	160589	11.52	UG/L #	82
31) 2-BUTANONE	3.380	43	148580	111.47	UG/L #	88
33) T-BUTYL ETHYL ETHER	3.840	59	154480	10.69	UG/L #	89
34) CIS-1,2-DICHLOROETHENE	3.472	61	87621	10.49	UG/L #	84
35) 2,2-DICHLOROPROPANE	3.745	77	76932	8.99	UG/L	96
36) ETHYL ACETATE	3.790	43	27299	8.25	UG/L #	87
37) BROMOCHLOROMETHANE	3.611	49	49851	10.60	UG/L #	85
38) TETRAHYDROFURAN	4.007	42	9430	10.22	UG/L #	77
39) CHLOROFORM	3.684	83	122291	11.60	UG/L	98
41) 1,1,1-TRICHLOROETHANE	4.387	97	103119	10.72	UG/L	95
42) CYCLOHEXANE	4.629	56	100941	11.99	UG/L #	75
43) CARBON TETRACHLORIDE	4.721	117	81837	9.78	UG/L	98
44) 1,1-DICHLOROPROPENE	4.587	75	92763	11.57	UG/L	96
45) BENZENE	4.777	78	261745	11.37	UG/L	100
46) T-AMYL METHYL ETHER	5.020	73	142286	10.62	UG/L	94
49) 1,2-DICHLOROETHANE	4.311	62	85527	10.01	UG/L #	79
50) METHYL METHACRYLATE	5.839	41	45492	11.14	UG/L #	74
51) TRICHLOROETHENE	5.396	95	69209	9.94	UG/L	98
52) METHYLCYCLOHEXANE	5.839	83	118071	12.51	UG/L #	82
53) 1,2-DICHLOROPROPANE	5.343	63	60593	9.37	UG/L #	94
54) DIBROMOMETHANE	5.290	93	41172	9.82	UG/L #	84
55) 1,4-DIOXANE	5.608	88	4601m	99.20	UG/L	
56) BROMODICHLOROMETHANE	5.430	83	84953	9.02	UG/L	96
57) 2-CHLOROETHYL VINYLETHER	5.929	63	2723	2.13	UG/L #	70
58) MIBK	6.224	43	367441	86.87	UG/L #	97
59) CIS-1,3-DICHLOROPROPENE	6.065	75	87737	8.38	UG/L	95
60) TOLUENE	6.751	91	295574	10.92	UG/L	99

Data Path : C:\msdchem\1\DATA\121912\
 Data File : ve354038.D
 Acq On : 20 Dec 2012 12:33 am
 Operator :
 Sample : B0-BS1
 Misc : 1
 ALS Vial : 38 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 20 10:17:15 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) TRANS-1,3,-DICHLOROPRO...	6.478	75	71591	8.16	UG/L	94
62) ETHYL METHACRYLATE	6.955	69	58235	8.73	UG/L #	85
63) 1,1,2-TRICHLOROETHANE	6.584	97	53404	9.46	UG/L	100
64) 2-HEXANONE	7.022	43	241530	81.60	UG/L	98
65) TETRACHLOROETHENE	7.379	166	80836	10.90	UG/L	96
66) 1,3-DICHLOROPROPANE	6.802	76	87355	10.02	UG/L	97
67) DIBROMOCHLOROMETHANE	6.983	129	61211	8.38	UG/L	99
68) 1,2-DIBROMOETHANE	7.192	107	58294	10.00	UG/L #	96
71) CHLOROBENZENE	7.976	112	195678	10.46	UG/L	100
72) 1,1,1,2-TETRACHLOROETHANE	7.917	131	57414	8.61	UG/L	100
73) ETHYLBENZENE	8.193	91	330239	10.70	UG/L	95
74) M/P-XYLENES	8.383	91	518560	21.09	UG/L	98
75) O-XYLENE	8.717	91	261832	10.46	UG/L	96
76) STYRENE	8.659	104	191646	9.92	UG/L	100
77) BROMOFORM	8.380	173	34473	7.21	UG/L #	97
78) ISOPROPYLBENZENE	9.058	105	341931	10.44	UG/L	97
79) CIS-1,4-DICHLORO-2-BUTENE	8.595	53	10982	5.60	UG/L	91
80) 1,1,2,2-TETRACHLOROETHANE	8.706	83	63633	9.06	UG/L	98
81) 1,4-DICHLORO-2-BUTENE(...	8.901	53	11707	6.13	UG/L	94
82) BROMOBENZENE	9.203	77	111636	9.92	UG/L	95
83) 1,2,3-TRICHLOROPROPANE	8.829	75	46327	9.15	UG/L	95
84) N-PROPYLBENZENE	9.454	91	384022	10.21	UG/L	98
85) 2-CHLOROTOLUENE	9.493	91	212901	10.19	UG/L	100
86) 1,3,5-TRIMETHYLBENZENE	9.749	105	264453	10.01	UG/L	97
87) 4-CHLOROTOLUENE	9.571	91	227886	10.13	UG/L	96
89) TERT-BUTYLBENZENE	9.961	119	239468	10.20	UG/L	95
90) 1,2,4-TRIMETHYLBENZENE	10.084	105	265512	9.91	UG/L	98
91) SEC-BUTYLBENZENE	10.162	105	368527	10.32	UG/L	97
92) 1,3-DICHLOROBENZENE	10.170	146	159886	10.01	UG/L	96
93) P-ISOPROPYLTOLUENE	10.351	119	288732	10.52	UG/L	97
94) 1,4-DICHLOROBENZENE	10.237	146	159753	10.33	UG/L	97
95) N-BUTYLBENZENE	10.717	91	274519	10.00	UG/L	95
96) 1,2-DICHLOROBENZENE	10.538	146	140414	9.52	UG/L	97
97) 1,2-DIBROMO-3-CHLOROPR...	10.962	75	7778m	7.15	UG/L	
98) 1,3,5-TRICHLOROBENZENE	11.732	180	93582	9.30	UG/L	93
99) 1,2,4-TRICHLOROBENZENE	12.203	180	73273	8.91	UG/L	95
100) HEXACHLOROBUTADIENE	12.521	225	39534	8.87	UG/L	96
101) NAPHTHALENE	12.409	128	128671	7.71	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.594	180	52727	8.27	UG/L	97

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

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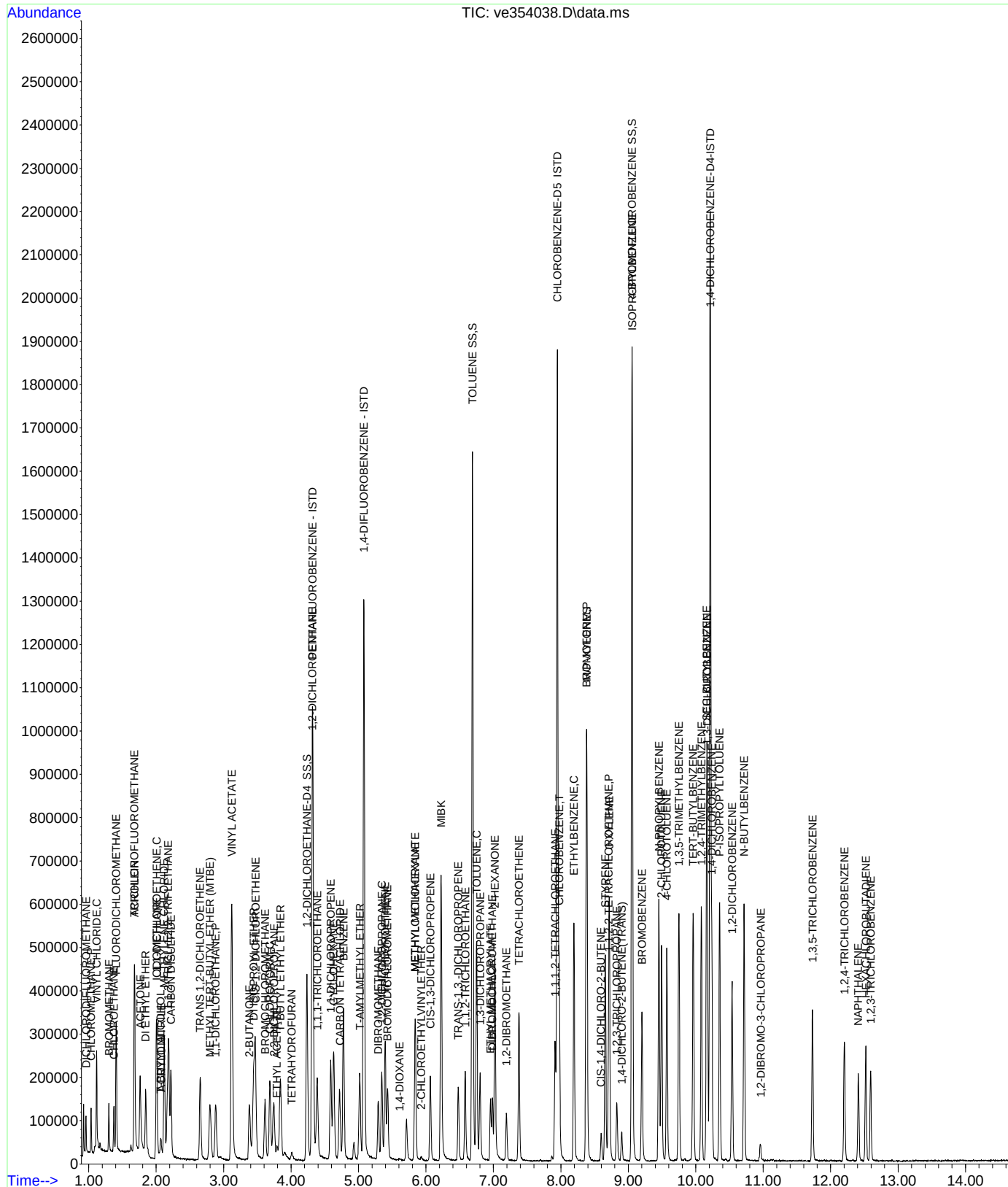
Inst : GCMSV0A5

Quant Time: Dec 20 10:17:15 2012

Quant Title : 8260 WATER 5MLS VOAMS 5973 #5

QLast Update : Sun Nov 18 11:06:04 2012

Response via : Initial Calibration



1 - FORM I

ANALYSIS DATA SHEET

LCS Dup

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
Client: CDM Smith, Inc. - NY Project: Doro Cleaners
Matrix: Water Laboratory ID: B065223-BSD1 File ID: ve354039.D
Sampled: Prepared: 12/19/12 09:41 Analyzed: 12/20/12 00:59
Solids: Preparation: SW-846 5030B Dilution:
Batch: B065223 Sequence: S003721 Calibration: 1200253 Instrument: GCMSVOA5
Column: 1

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
156-59-2	cis-1,2-Dichloroethylene	10.8	0.050	1.0	

Data Path : C:\msdchem\1\DATA\121912\
 Data File : ve354039.D
 Acq On : 20 Dec 2012 12:59 am
 Operator :
 Sample : B0-BSD1
 Misc : 1
 ALS Vial : 39 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 20 10:18:08 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	4.320	168	584259	30.00	UG/L	0.00
47) 1,4-DIFLUOROBENZENE - ...	5.078	114	906107	30.00	UG/L	0.00
69) CHLOROBENZENE-D5 ISTD	7.948	82	453649	30.00	UG/L	0.00
88) 1,4-DICHLOROBENZENE-D4...	10.215	152	480865	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.236	65	262428	27.03	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.12%			
48) TOLUENE SS	6.690	98	887488	25.13	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.52%			
70) 4-BROMOFLUOROBENZENE SS	9.055	95	336740	24.77	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.08%			
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	0.957	85	36557	4.48	UG/L	100
5) CHLOROMETHANE	1.032	50	43989	5.20	UG/L	98
6) VINYL CHLORIDE	1.115	62	83712	10.61	UG/L	93
7) BROMOMETHANE	1.297	94	42630	13.50	UG/L	91
8) CHLOROETHANE	1.369	64	46005m	12.96	UG/L	
10) FLUORODICHLOROMETHANE	1.406	67	165998	13.54	UG/L	93
11) TRICHLOROFLUOROMETHANE	1.673	101	148581	13.25	UG/L	99
12) DI ETHYL ETHER	1.843	59	57085	13.67	UG/L #	85
13) ACROLEIN	1.679	56	120864	298.88	UG/L	99
14) ACETONE	1.762	43	198010	174.23	UG/L	89
15) 1,1-DICHLOROETHENE	2.002	61	90931	10.45	UG/L	98
16) 1,1,2-TRICL-1,2,2-TRIF...	2.170	101	60717	11.74	UG/L	98
17) IODOMETHANE	2.008	142	83292	14.52	UG/L	94
20) T-BUTYL ALCOHOL	2.066	59	33738	131.03	UG/L #	97
21) ACRYLONITRILE	2.069	53	16319	12.31	UG/L	94
22) METHYLENE CHLORIDE	2.117	49	108657	15.75	UG/L #	76
23) CARBON DISULFIDE	2.217	76	180285	10.41	UG/L	100
24) METHYL TERT-BUTYL ETHE...	2.803	73	144156	12.16	UG/L #	86
25) TRANS 1,2-DICHLOROETHENE	2.652	61	86386	11.11	UG/L	90
26) 1,1-DICHLOROETHANE	2.881	63	106327	11.01	UG/L	94
28) VINYL ACETATE	3.121	43	858377	95.34	UG/L #	95
30) DI ISOPROYL ETHER	3.447	45	160260	11.73	UG/L #	85
31) 2-BUTANONE	3.385	43	175997	134.81	UG/L #	90
33) T-BUTYL ETHYL ETHER	3.843	59	158656	11.20	UG/L #	90
34) CIS-1,2-DICHLOROETHENE	3.466	61	87926	10.75	UG/L #	85
35) 2,2-DICHLOROPROPANE	3.740	77	74067	8.83	UG/L	100
36) ETHYL ACETATE	3.793	43	29926	9.20	UG/L #	92
37) BROMOCHLOROMETHANE	3.614	49	49236	10.69	UG/L #	81
38) TETRAHYDROFURAN	4.010	42	10494m	11.76	UG/L	
39) CHLOROFORM	3.687	83	119707	11.59	UG/L	97
41) 1,1,1-TRICHLOROETHANE	4.384	97	100139	10.62	UG/L	98
42) CYCLOHEXANE	4.632	56	98620	11.96	UG/L #	74
43) CARBON TETRACHLORIDE	4.716	117	83624	10.20	UG/L	97
44) 1,1-DICHLOROPROPENE	4.587	75	89410	11.38	UG/L	97
45) BENZENE	4.777	78	254325	11.28	UG/L	100
46) T-AMYL METHYL ETHER	5.020	73	143876	10.97	UG/L	94
49) 1,2-DICHLOROETHANE	4.311	62	84926	9.97	UG/L #	80
50) METHYL METHACRYLATE	5.839	41	45168	11.10	UG/L #	74
51) TRICHLOROETHENE	5.393	95	67949	9.79	UG/L	97
52) METHYLCYCLOHEXANE	5.842	83	113559	12.07	UG/L #	83
53) 1,2-DICHLOROPROPANE	5.349	63	60783	9.43	UG/L #	94
54) DIBROMOMETHANE	5.290	93	41546	9.94	UG/L	85
55) 1,4-DIOXANE	5.600	88	5581m	120.71	UG/L	
56) BROMODICHLOROMETHANE	5.432	83	81321	8.66	UG/L	93
57) 2-CHLOROETHYL VINYLETHER	5.929	63	894	0.70	UG/L #	18
58) MIBK	6.224	43	426538	101.16	UG/L #	97
59) CIS-1,3-DICHLOROPROPENE	6.063	75	86251	8.27	UG/L	95
60) TOLUENE	6.751	91	290056	10.75	UG/L	100

Data Path : C:\msdchem\1\DATA\121912\
 Data File : ve354039.D
 Acq On : 20 Dec 2012 12:59 am
 Operator :
 Sample : B0-BSD1
 Misc : 1
 ALS Vial : 39 Sample Multiplier: 1

Inst : GCMSVOA5

Quant Time: Dec 20 10:18:08 2012
 Quant Method : C:\msdchem\1\METHODS\E111712W.m
 Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
 QLast Update : Sun Nov 18 11:06:04 2012
 Response via : Initial Calibration

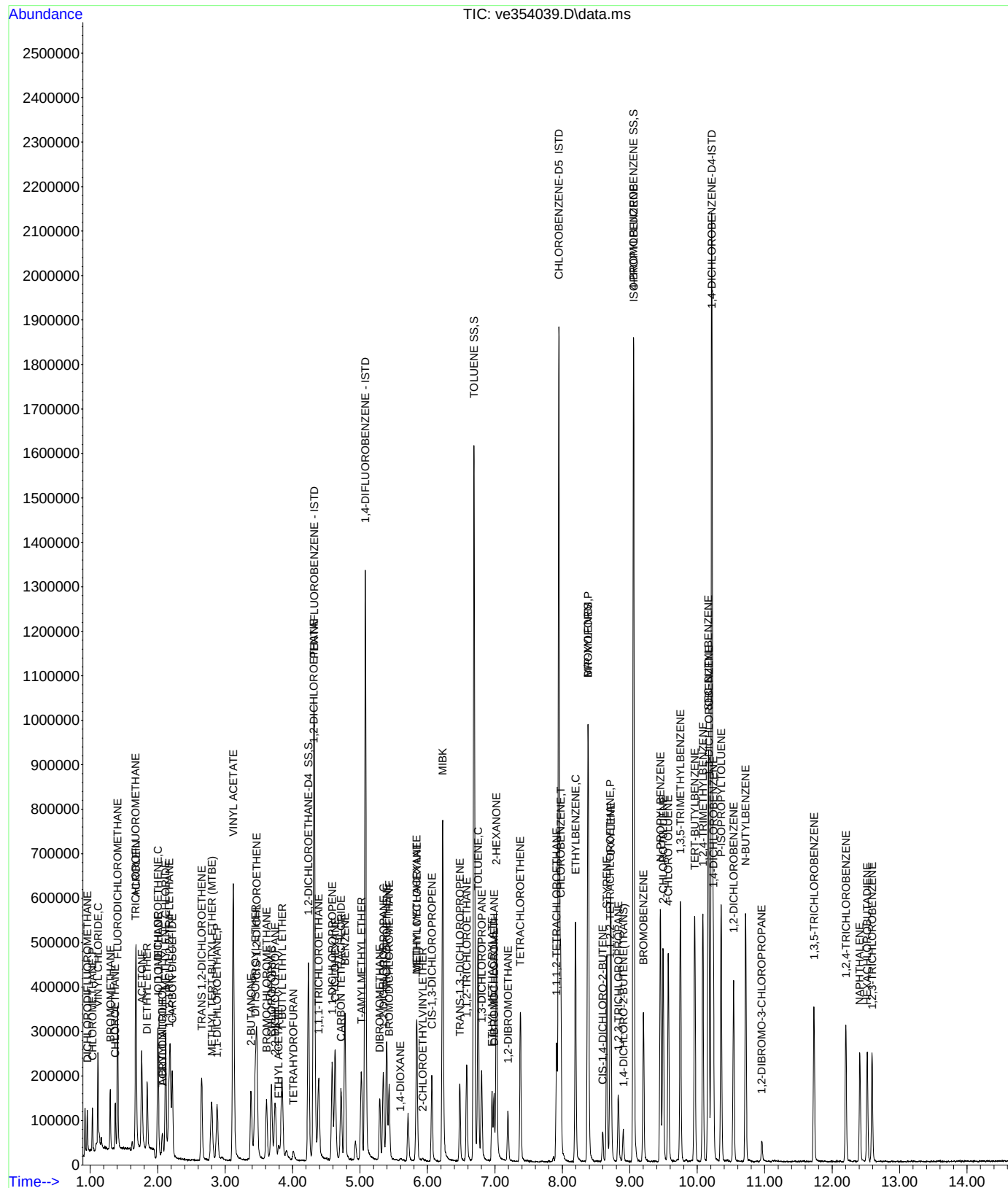
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) TRANS-1,3,-DICHLOROPRO...	6.481	75	73565	8.41	UG/L	95
62) ETHYL METHACRYLATE	6.955	69	63443	9.54	UG/L	87
63) 1,1,2-TRICHLOROETHANE	6.581	97	55237	9.82	UG/L	99
64) 2-HEXANONE	7.022	43	285042	96.61	UG/L	97
65) TETRACHLOROETHENE	7.376	166	77958	10.55	UG/L	93
66) 1,3-DICHLOROPROPANE	6.802	76	89857	10.34	UG/L	100
67) DIBROMOCHLOROMETHANE	6.988	129	61187	8.40	UG/L	100
68) 1,2-DIBROMOETHANE	7.195	107	59199	10.19	UG/L	97
71) CHLOROBENZENE	7.976	112	194012	10.30	UG/L	99
72) 1,1,1,2-TETRACHLOROETHANE	7.914	131	56828	8.47	UG/L	98
73) ETHYLBENZENE	8.196	91	316591	10.19	UG/L	96
74) M/P-XYLENES	8.380	91	508154	20.53	UG/L	98
75) O-XYLENE	8.720	91	255435	10.14	UG/L	97
76) STYRENE	8.659	104	186239	9.58	UG/L	99
77) BROMOFORM	8.380	173	36404	7.56	UG/L	# 96
78) ISOPROPYLBENZENE	9.058	105	333906	10.13	UG/L	98
79) CIS-1,4-DICHLORO-2-BUTENE	8.597	53	12083	6.12	UG/L	98
80) 1,1,2,2-TETRACHLOROETHANE	8.706	83	67622	9.56	UG/L	98
81) 1,4-DICHLORO-2-BUTENE(...	8.907	53	11846	6.16	UG/L	92
82) BROMOBENZENE	9.203	77	109202	9.64	UG/L	95
83) 1,2,3-TRICHLOROPROPANE	8.832	75	50092	9.83	UG/L	98
84) N-PROPYLBENZENE	9.454	91	377025	9.96	UG/L	96
85) 2-CHLOROTOLUENE	9.495	91	207423	9.86	UG/L	100
86) 1,3,5-TRIMETHYLBENZENE	9.749	105	259322	9.75	UG/L	98
87) 4-CHLOROTOLUENE	9.571	91	220059	9.72	UG/L	98
89) TERT-BUTYLBENZENE	9.964	119	232440	9.91	UG/L	95
90) 1,2,4-TRIMETHYLBENZENE	10.084	105	253214	9.46	UG/L	97
91) SEC-BUTYLBENZENE	10.165	105	359969	10.09	UG/L	96
92) 1,3-DICHLOROBENZENE	10.173	146	156024	9.77	UG/L	96
93) P-ISOPROPYLTOLUENE	10.354	119	283050	10.32	UG/L	98
94) 1,4-DICHLOROBENZENE	10.240	146	157131	10.17	UG/L	97
95) N-BUTYLBENZENE	10.717	91	264386	9.64	UG/L	95
96) 1,2-DICHLOROBENZENE	10.538	146	140627	9.54	UG/L	98
97) 1,2-DIBROMO-3-CHLOROPR...	10.954	75	8788	8.08	UG/L	82
98) 1,3,5-TRICHLOROBENZENE	11.732	180	94038	9.35	UG/L	96
99) 1,2,4-TRICHLOROBENZENE	12.203	180	79105	9.63	UG/L	93
100) HEXACHLOROBUTADIENE	12.518	225	40484	9.10	UG/L	100
101) NAPHTHALENE	12.409	128	156711	9.41	UG/L	100
102) 1,2,3-TRICHLOROBENZENE	12.594	180	61545	9.66	UG/L	94

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

774

Inst : GCMSV0A5

Quant Time: Dec 20 10:18:08 2012
Quant Method : C:\msdchem\1\METHODS\E111712W.m
Quant Title : 8260 WATER 5MLS VOAMS 5973 #5
QLast Update : Sun Nov 18 11:06:04 2012
Response via : Initial Calibration



PREPARATION BENCH SHEET

B064499

Con-Test Analytical Laboratory

Printed: 2/11/2013 5:14:17PM

Matrix: Water

Prepared using: VOC - SW-846 5030B

Surrogate used: 1211175

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
12L0307-01	8260 Standard	12/19/12 08:51	5	5				1	New York, NY (20 Excha	From B064498 by LBD on 12/13/1
12L0307-02	8260 Standard	12/19/12 08:51	5	5				1	New York, NY (20 Excha	From B064498 by LBD on 12/13/1
12L0307-03	8260 Standard	12/19/12 08:51	5	5				1	New York, NY (20 Excha	From B064498 by LBD on 12/13/1
12L0362-01	8260 Standard	12/19/12 08:51	5	5				1	CDM Smith, Inc. - NY	
12L0362-01	8260 Tentatively Identifi	12/19/12 08:51	5	5				1	CDM Smith, Inc. - NY	
12L0362-02	8260 Standard	12/19/12 08:51	5	5				1	CDM Smith, Inc. - NY	
12L0362-02	8260 Tentatively Identifi	12/19/12 08:51	5	5				1	CDM Smith, Inc. - NY	
12L0458-10	8260 Standard	12/19/12 08:51	5	5				1	CDM Smith, Inc. - NY	
12L0458-10	8260 Tentatively Identifi	12/19/12 08:51	5	5				1	CDM Smith, Inc. - NY	
12L0458-11	8260 Standard	12/19/12 08:51	5	5				1	CDM Smith, Inc. - NY	
12L0458-11	8260 Tentatively Identifi	12/19/12 08:51	5	5				1	CDM Smith, Inc. - NY	
B064499-BLK1	QC	12/19/12 07:14	5	5				1		
B064499-BS1	QC	12/19/12 07:14	5	5	1212047		2.5	1		
B064499-BSD1	QC	12/19/12 07:14	5	5	1212047		2.5	1		

12/13/12 #3 1st

12/18/12 #2 2nd

Spiking Witnessed By _____ Date _____

Preparation Reviewed By _____ Date _____

Extracts Received By _____ Date _____

PREPARATION BENCH SHEET

B064751

Con-Test Analytical Laboratory

Printed: 2/13/2013 1:27:50PM

Matrix: Soil

Prepared using: VOC - SW-846 5035

Surrogate used: 1211042

Lab Number	Analysis	Prepared	Initial (g)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
12L0409-07	8260 Standard	12/14/12 05:02	4.67	10				1	CDM Smith, Inc. - NY	From B064728 by MFF on 12/17/12
12L0409-07	8260 Tentatively Identified	12/14/12 05:02	4.67	10				1	CDM Smith, Inc. - NY	From B064728 by MFF on 12/17/12
12L0458-01	8260 Standard	12/17/12 05:32	5.05	10				1	CDM Smith, Inc. - NY	
12L0458-01	8260 Tentatively Identified	12/17/12 05:32	5.05	10				1	CDM Smith, Inc. - NY	
12L0458-02	8260 Standard	12/17/12 05:32	4.93	10				1	CDM Smith, Inc. - NY	
12L0458-02	8260 Tentatively Identified	12/17/12 05:32	4.93	10				1	CDM Smith, Inc. - NY	
12L0458-04	8260 Standard	12/17/12 05:32	5.56	10				1	CDM Smith, Inc. - NY	
12L0458-04	8260 Tentatively Identified	12/17/12 05:32	5.56	10				1	CDM Smith, Inc. - NY	
B064751-BLK1	QC	12/17/12 05:32	5	10				1		
B064751-BS1	QC	12/17/12 05:32	5	10	1212047		5	1		
B064751-BSD1	QC	12/17/12 05:32	5	10	1212047		5	1		

#1 12-17-12

Spiking Witnessed By _____ Date _____

Preparation Reviewed By _____ Date _____

Extracts Received By _____ Date _____

PREPARATION BENCH SHEET

778

B064804

Con-Test Analytical Laboratory

Printed: 2/14/2013 2:15:50PM

Matrix: Soil

Prepared using: VOC - SW-846 5035

Surrogate used: 1211042

Lab Number	Analysis	Prepared	Initial (g)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
12L0458-03	8260 Standard	12/17/12 05:32	5.17	10				1	CDM Smith, Inc. - NY	From B064751 by MFF on 12/18/12
12L0458-03	8260 Tentatively Identified	12/17/12 05:32	5.17	10				1	CDM Smith, Inc. - NY	From B064751 by MFF on 12/18/12
B064804-BLK1	QC	12/18/12 05:52	5	10				1		
B064804-BS1	QC	12/18/12 05:52	5	10	1212047		5	1		
B064804-BSD1	QC	12/18/12 05:52	5	10	1212047		5	1		

#1 12-18-12

Spiking Witnessed By _____ Date _____

Preparation Reviewed By _____ Date _____

Extracts Received By _____ Date _____

PREPARATION BENCH SHEET

779

B065019

Con-Test Analytical Laboratory

Printed: 2/14/2013 2:16:21PM

Matrix: Water

Prepared using: VOC - SW-846 5030B

Surrogate used: 1210071

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
12L0458-06	8260 Standard	12/20/12 08:51	5	5				5	CDM Smith, Inc. - NY	From B064622 by EEH on 12/20/12
12L0458-06	8260 Tentatively Identified	12/20/12 08:51	5	5				5	CDM Smith, Inc. - NY	From B064622 by EEH on 12/20/12
12L0458-07	8260 Standard	12/20/12 08:51	5	5				5	CDM Smith, Inc. - NY	From B064622 by EEH on 12/20/12
12L0458-07	8260 Tentatively Identified	12/20/12 08:51	5	5				5	CDM Smith, Inc. - NY	From B064622 by EEH on 12/20/12
12L0458-08	8260 Standard	12/20/12 08:51	5	5				5	CDM Smith, Inc. - NY	From B064622 by EEH on 12/20/12
12L0458-08	8260 Tentatively Identified	12/20/12 08:51	5	5				5	CDM Smith, Inc. - NY	From B064622 by EEH on 12/20/12
12L0458-09	8260 Standard	12/20/12 08:51	5	5				5	CDM Smith, Inc. - NY	From B064499 by LBD on 12/20/12
12L0458-09	8260 Tentatively Identified	12/20/12 08:51	5	5				5	CDM Smith, Inc. - NY	From B064499 by LBD on 12/20/12
B065019-BLK1	QC	12/20/12 10:09	5	5				5		
B065019-BS1	QC	12/20/12 10:09	5	5	1212047		2.5	5		
B065019-BSD1	QC	12/20/12 10:09	5	5	1212047		2.5	5		

12/20/12#5 2nd

Spiking Witnessed By

Date

Preparation Reviewed By

Date

Extracts Received By

Date

PREPARATION BENCH SHEET

780

B065205

Con-Test Analytical Laboratory

Printed: 2/14/2013 2:19:24PM

Matrix: Water

Prepared using: VOC - SW-846 5030B

Surrogate used: 1210071

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
12L0458-09RE1	8260 Standard	12/23/12 09:20	5	5				5	CDM Smith, Inc. - NY	rr 20x vc
B065205-BLK1	QC	12/23/12 07:20	5	5				5		
B065205-BS1	QC	12/23/12 07:20	5	5	1212047		2.5	5		
B065205-BSD1	QC	12/23/12 07:20	5	5	1212047		2.5	5		

12/23/12#5 1st

Spiking Witnessed By

Date

Preparation Reviewed By

Date

Extracts Received By

Date

PREPARATION BENCH SHEET

781

B065223

Con-Test Analytical Laboratory

Printed: 2/14/2013 2:19:58PM

Matrix: Water

Prepared using: VOC - SW-846 5030B

Surrogate used: 1210071

Lab Number	Analysis	Prepared	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
12L0458-06RE1	8260 Standard	12/19/12 09:41	5	5				5	CDM Smith, Inc. - NY	From B065019 by EEH on 12/24/12
B065223-BLK1	QC	12/19/12 09:41	5	5				5		
B065223-BS1	QC	12/19/12 09:41	5	5	1212047		2.5	5		
B065223-BSD1	QC	12/19/12 09:41	5	5	1212047		2.5	5		

From B065019 on 12/24/2012 by EEH

Spiking Witnessed By _____ Date _____

Preparation Reviewed By _____ Date _____

Extracts Received By _____ Date _____

PREPARATION BENCH SHEET

782

B065048

Con-Test Analytical Laboratory

Printed: 2/14/2013 2:20:26PM

Matrix: Soil

Prepared using: VOC - SW-846 5035

Surrogate used: 1210071

Lab Number	Analysis	Prepared	Initial (g)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
12L0458-02	8260 Standard (Dilution O	12/20/12 13:16	5.46	15				15	CDM Smith, Inc. - NY	RR MEOH CIS 12
B065048-BLK1	QC	12/20/12 13:16	15	15				15		
B065048-BS1	QC	12/20/12 13:16	15	17	1212057		1000	17		
B065048-BSD1	QC	12/20/12 13:16	15	17	1212057		1000	17		

#5 12-20-12

Spiking Witnessed By

Date

Preparation Reviewed By

Date

Extracts Received By

Date

PREPARATION BENCH SHEET

783

B065047

Con-Test Analytical Laboratory

Printed: 2/14/2013 2:20:51PM

Matrix: Soil

Prepared using: VOC - SW-846 5035

Surrogate used: 1210071

Lab Number	Analysis	Prepared	Initial (g)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Client	Extraction Comments
12L0458-05	8260 Standard Methanol	12/20/12 13:05	4.8	19.2				19.2	CDM Smith, Inc. - NY	
12L0458-05	8260 Tentatively Identified	12/20/12 13:05	4.8	19.2				19.2	CDM Smith, Inc. - NY	
B065047-BLK1	QC	12/20/12 13:05	15	15				15		
B065047-BS1	QC	12/20/12 13:05	15	17	1212057		1000	17		
B065047-BSD1	QC	12/20/12 13:05	15	17	1212057		1000	17		

#5 12-20-12

Spiking Witnessed By _____ Date _____

Preparation Reviewed By _____ Date _____

Extracts Received By _____ Date _____

WET

SAMPLE DATA

1 - FORM I
ANALYSIS DATA SHEET
B-26 (6-8ft)

Laboratory: Con-Test Analytical Laboratory

SDG: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Laboratory ID: 12L0458-01

Sampled: 12/13/12 09:45

% Solids: 83.90

CAS NO.	Analyte	Concentration (% Wt)	MDL	RL	DF	Q	Batch	Analyzed	Method
TSOLIDS	% Solids	83.9			1		B064631	12/15/12 15:27	SM 2540G



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

1 - FORM I
ANALYSIS DATA SHEET
B-27 (3-4ft)

Laboratory: Con-Test Analytical Laboratory

SDG: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Laboratory ID: 12L0458-02

Sampled: 12/13/12 12:40

% Solids: 51.80

CAS NO.	Analyte	Concentration (% Wt)	MDL	RL	DF	Q	Batch	Analyzed	Method
TSOLIDS	% Solids	51.8			1		B064631	12/15/12 15:27	SM 2540G

1 - FORM I
ANALYSIS DATA SHEET
B-22 (0-4ft)

Laboratory: Con-Test Analytical Laboratory

SDG: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Laboratory ID: 12L0458-03

Sampled: 12/13/12 12:03

% Solids: 75.20

CAS NO.	Analyte	Concentration (% Wt)	MDL	RL	DF	Q	Batch	Analyzed	Method
TSOLIDS	% Solids	75.2			1		B064631	12/15/12 15:27	SM 2540G

1 - FORM I
ANALYSIS DATA SHEET
B-25 (5-6ft)

Laboratory: Con-Test Analytical Laboratory

SDG: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Laboratory ID: 12L0458-04

Sampled: 12/13/12 13:00

% Solids: 82.80

CAS NO.	Analyte	Concentration (% Wt)	MDL	RL	DF	Q	Batch	Analyzed	Method
TSOLIDS	% Solids	82.8			1		B064631	12/15/12 15:27	SM 2540G



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1 - FORM I

ANALYSIS DATA SHEET

Cistern

Laboratory: Con-Test Analytical Laboratory

SDG: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Laboratory ID: 12L0458-05

Sampled: 12/13/12 10:30

% Solids: 13.00

CAS NO.	Analyte	Concentration (% Wt)	MDL	RL	DF	Q	Batch	Analyzed	Method
TSOLIDS	% Solids	13.0			1		B064631	12/15/12 15:27	SM 2540G

DUPLICATES

B-26 (6-8ft)

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Laboratory ID: B064631-DUP2

Batch: B064631

Initial/Final: 5 g / 5 g

Preparation: % Solids

Analysis: SM 2540G

% Solids: 83.90

ANALYTE	SAMPLE CONCENTRATION (% Wt)	DUPLICATE CONCENTRATION (% Wt)	RPD %	Q	CONTROL LIMIT
% Solids	83.9	84.7	0.949		20



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METHOD DETECTION AND REPORTING LIMITS

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0458

Client: CDM Smith, Inc. - NY

Matrix: Soil

Instrument: Inst

Analyte	MDL	MRL	Units	Method



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PREPARATION BATCH SUMMARY**SM 2540G**

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0458
Client: CDM Smith, Inc. - NY Project: Doro Cleaners
Batch: B064631 Batch Matrix: Soil Preparation: % Solids

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
B-26 (6-8ft)	12L0458-01	12/14/12 11:11	5.00	5.00
B-27 (3-4ft)	12L0458-02	12/14/12 11:11	5.00	5.00
B-22 (0-4ft)	12L0458-03	12/14/12 11:11	5.00	5.00
B-25 (5-6ft)	12L0458-04	12/14/12 11:11	5.00	5.00
Cistern	12L0458-05	12/14/12 11:11	5.00	5.00
B-26 (6-8ft)	B064631-DUP2	12/14/12 11:11	5.00	5.00

CON-TEST LABORATORY

PERCENT SOLIDS

analyst	TEMP IN: 104 °C	dish	dish&sample	time	date	sample	dried dish&sample	time	date	dried sample	% solid
		g	g								
	B064631	g	g			0.0000	g			0.0000	#####
		g	g			0.0000	g			0.0000	#####
RHW	12L0409-01	1.249 g	21.858 g	12:49	12/14/2012	20.6090	19.415 g	15:16	12/15/2012	18.1660	88.1
RHW	12L0409-02	1.246 g	24.440 g	12:50	12/14/2012	23.1940	20.826 g	15:16	12/15/2012	19.5800	84.4
RHW	12L0409-03	1.242 g	29.567 g	12:52	12/14/2012	28.3250	26.015 g	15:17	12/15/2012	24.7730	87.5
RHW	12L0409-04	1.238 g	22.538 g	12:54	12/14/2012	21.3000	20.008 g	15:17	12/15/2012	18.7700	88.1
RHW	12L0409-05	1.252 g	21.236 g	12:56	12/14/2012	19.9840	18.700 g	15:17	12/15/2012	17.4480	87.3
RHW	12L0409-06	1.244 g	17.408 g	12:59	12/14/2012	16.1640	15.746 g	15:17	12/15/2012	14.5020	89.7
RHW	12L0409-07	1.252 g	23.574 g	13:01	12/14/2012	22.3220	18.184 g	15:17	12/15/2012	16.9320	75.9
RHW	12L0409-08	1.267 g	18.336 g	13:05	12/14/2012	17.0690	14.944 g	15:17	12/15/2012	13.6770	80.1
RHW	12L0413-01	1.265 g	18.468 g	13:09	12/14/2012	17.2030	17.176 g	15:18	12/15/2012	15.9110	92.5
RHW	12L0413-02	1.257 g	18.456 g	13:15	12/14/2012	17.1990	16.303 g	15:18	12/15/2012	15.0460	87.5
RHW	12L0415-01	1.254 g	15.198 g	13:17	12/14/2012	13.9440	11.630 g	15:18	12/15/2012	10.3760	74.4
RHW	12L0446-01	1.265 g	16.374 g	13:18	12/14/2012	15.1090	14.635 g	15:18	12/15/2012	13.3700	88.5
RHW	12L0457-01	1.266 g	25.142 g	13:20	12/14/2012	23.8760	21.380 g	15:19	12/15/2012	20.1140	84.2
RHW	12L0458-01	1.259 g	18.696 g	13:23	12/14/2012	17.4370	15.881 g	15:19	12/15/2012	14.6220	83.9
RHW	12L0458-02	1.267 g	12.508 g	13:25	12/14/2012	11.2410	7.093 g	15:19	12/15/2012	5.8260	51.8
RHW	12L0458-03	1.271 g	18.758 g	13:26	12/14/2012	17.4870	14.427 g	15:19	12/15/2012	13.1560	75.2
RHW	12L0458-04	1.271 g	18.265 g	13:27	12/14/2012	16.9940	15.340 g	15:19	12/15/2012	14.0690	82.8
RHW	12L0458-05	1.263 g	18.285 g	13:29	12/14/2012	17.0220	3.473 g	15:19	12/15/2012	2.2100	13.0
RHW	DUP1(12L0409-08)	1.269 g	19.782 g	13:05	12/14/2012	18.5130	16.827 g	15:20	12/15/2012	15.5580	84.0
RHW	DUP2(12L0458-01)	1.262 g	17.820 g	13:29	12/14/2012	16.5580	15.283 g	15:20	12/15/2012	14.0210	84.7
		g	g			0.0000	g			0.0000	#####