



Data Package



con-test[®]
ANALYTICAL LABORATORY

December 19, 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: 12L0266

Enclosed are results of analyses for samples received by the laboratory on December 8, 2012. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "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: 12/19/2012

PURCHASE ORDER NUMBER: D-006131-2

PROJECT NUMBER: 0897-915238

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 12L0266

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
TB-1	12L0266-01	Trip Blank Water	Trip Blank	SW-846 8260C	
B-16 (12-14ft)	12L0266-02	Soil	Field	SM 2540G SW-846 8260C	
B-24 (0-4ft)	12L0266-03	Soil	Field	SM 2540G SW-846 8260C	
B-17 (8-10ft)	12L0266-04	Soil	Field	SM 2540G SW-846 8260C	
B-18 (6-8ft)	12L0266-05	Soil	Field	SM 2540G SW-846 8260C	
B-23 (0-2ft)	12L0266-06	Soil	Field	SM 2540G SW-846 8260C	
B-20 (12-14ft)	12L0266-07	Soil	Field	SM 2540G SW-846 8260C	
B-20 (0-2ft)	12L0266-08	Soil	Field	SM 2540G 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:**

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:**2,2-Dichloropropane, Carbon Tetrachloride**

B064305-BS1, B064340-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:**Bromomethane**

12L0266-01[TB-1], B064305-BLK1, B064305-BS1, B064305-BSD1

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:**1,2-Dibromo-3-chloropropane (DBCP), Acetone, Methylene Chloride, Naphthalene, trans-1,4-Dichloro-2-butene**

12L0266-01[TB-1], B064305-BLK1, B064305-BS1, B064305-BSD1, 12L0266-02[B-16 (12-14ft)], 12L0266-03[B-24 (0-4ft)], 12L0266-04[B-17 (8-10ft)], 12L0266-05[B-18 (6-8ft)], 12L0266-06[B-23 (0-2ft)], 12L0266-07[B-20 (12-14ft)], 12L0266-08[B-20 (0-2ft)], B064340-BLK1, B064340-BS1, B064340-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**

12L0266-02[B-16 (12-14ft)], 12L0266-03[B-24 (0-4ft)], 12L0266-04[B-17 (8-10ft)], 12L0266-05[B-18 (6-8ft)], 12L0266-06[B-23 (0-2ft)], 12L0266-07[B-20 (12-14ft)], 12L0266-08[B-20 (0-2ft)], B064340-BLK1, B064340-BS1, B064340-BSD1, 12L0266-01[TB-1], B064305-BLK1, B064305-BS1, B064305-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:**2,2-Dichloropropane, Bromomethane, Carbon Tetrachloride**

B064305-BS1, B064305-BSD1, B064340-BS1, B064340-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.

A handwritten signature in black ink, appearing to read "Daren J. Damboragian", is written over a light gray rectangular background.

Daren J. Damboragian
Laboratory Manager

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: 12L0266

Date Received: 12/8/2012

Sampled: 12/7/2012 10:40

Field Sample #: TB-1

Sample ID: 12L0266-01

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		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
Acrylonitrile	ND	5.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.50	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
Benzene	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
Bromobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
Bromochloromethane	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
Bromodichloromethane	ND	0.50	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
Bromoform	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
Bromomethane	ND	2.0	µg/L	1	R-05	SW-846 8260C	12/10/12	12/10/12 10:34	MFF
2-Butanone (MEK)	ND	20	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
tert-Butyl Alcohol (TBA)	ND	20	µg/L	1	V-16	SW-846 8260C	12/10/12	12/10/12 10:34	MFF
n-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
sec-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
tert-Butylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.50	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
Carbon Disulfide	ND	2.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
Carbon Tetrachloride	ND	5.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
Chlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
Chlorodibromomethane	ND	0.50	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
Chloroethane	ND	2.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
Chloroform	ND	2.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
Chloromethane	ND	2.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
2-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
4-Chlorotoluene	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L	1	V-05	SW-846 8260C	12/10/12	12/10/12 10:34	MFF
1,2-Dibromoethane (EDB)	ND	0.50	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
Dibromomethane	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
1,2-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
1,3-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
1,4-Dichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
trans-1,4-Dichloro-2-butene	ND	2.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
1,1-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
1,2-Dichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
1,1-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
cis-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
trans-1,2-Dichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
1,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
1,3-Dichloropropane	ND	0.50	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
2,2-Dichloropropane	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
1,1-Dichloropropene	ND	2.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
cis-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
trans-1,3-Dichloropropene	ND	0.50	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
Diethyl Ether	ND	2.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	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: 12L0266

Date Received: 12/8/2012

Sampled: 12/7/2012 10:40

Field Sample #: TB-1

Sample ID: 12L0266-01

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	12/10/12	12/10/12 10:34	MFF
1,4-Dioxane	ND	50	µg/L	1	V-16	SW-846 8260C	12/10/12	12/10/12 10:34	MFF
Ethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
Hexachlorobutadiene	ND	0.50	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
2-Hexanone (MBK)	ND	10	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
Isopropylbenzene (Cumene)	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
Methylene Chloride	ND	5.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
Naphthalene	ND	5.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
n-Propylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
Styrene	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
Tetrachloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
Tetrahydrofuran	ND	10	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
Toluene	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
1,2,3-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
1,3,5-Trichlorobenzene	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
1,1,1-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
1,1,2-Trichloroethane	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
Trichloroethylene	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
1,2,3-Trichloropropane	ND	2.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
1,2,4-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
1,3,5-Trimethylbenzene	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
Vinyl Chloride	ND	2.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
m+p Xylene	ND	2.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
o-Xylene	ND	1.0	µg/L	1		SW-846 8260C	12/10/12	12/10/12 10:34	MFF
Surrogates	% Recovery	Recovery Limits	Flag						
1,2-Dichloroethane-d4	96.4	70-130							
Toluene-d8	97.6	70-130							
4-Bromofluorobenzene	97.5	70-130							

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: 12L0266

Date Received: 12/8/2012

Sampled: 12/7/2012 10:40

Field Sample #: TB-1

Sample ID: 12L0266-01

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	12/10/12	12/10/12 10:34	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: 12L0266

Date Received: 12/8/2012

Field Sample #: B-16 (12-14ft)

Sampled: 12/7/2012 11:55

Sample ID: 12L0266-02

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-05, V-16	SW-846 8260C	12/10/12	12/10/12 9:59	MFF
Acrylonitrile	ND	0.0065	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
Benzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
Bromobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
Bromochloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
Bromodichloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
Bromoform	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
Bromomethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
2-Butanone (MEK)	ND	0.043	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 9:59	MFF
tert-Butyl Alcohol (TBA)	ND	0.043	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 9:59	MFF
n-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
sec-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
tert-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
Carbon Disulfide	ND	0.0065	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
Carbon Tetrachloride	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
Chlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
Chlorodibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
Chloroethane	ND	0.022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
Chloroform	ND	0.0043	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
2-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
4-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0022	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 9:59	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
Dibromomethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
1,2-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
1,3-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
1,4-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
trans-1,4-Dichloro-2-butene	ND	0.0043	mg/Kg dry	1	V-05	SW-846 8260C	12/10/12	12/10/12 9:59	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
1,1-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
1,2-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
1,1-Dichloroethylene	ND	0.0043	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
cis-1,2-Dichloroethylene	0.035	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
trans-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
1,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
2,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
1,1-Dichloropropene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
trans-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
Diethyl Ether	ND	0.022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF

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Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0266

Date Received: 12/8/2012

Field Sample #: B-16 (12-14ft)

Sampled: 12/7/2012 11:55

Sample ID: 12L0266-02

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	0.0011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
1,4-Dioxane	ND	0.11	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 9:59	MFF
Ethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
Hexachlorobutadiene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
2-Hexanone (MBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
Isopropylbenzene (Cumene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0043	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
Methylene Chloride	ND	0.022	mg/Kg dry	1	V-05	SW-846 8260C	12/10/12	12/10/12 9:59	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
Naphthalene	ND	0.0043	mg/Kg dry	1	V-05	SW-846 8260C	12/10/12	12/10/12 9:59	MFF
n-Propylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
Styrene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
1,1,1,2-Tetrachloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
Tetrachloroethylene	0.087	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
Tetrahydrofuran	ND	0.011	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 9:59	MFF
Toluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
1,2,3-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
1,2,4-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
1,3,5-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
1,1,1-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
1,1,2-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
Trichloroethylene	0.0030	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
1,2,3-Trichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
1,2,4-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
1,3,5-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
m+p Xylene	ND	0.0043	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
o-Xylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 9:59	MFF
Surrogates	% Recovery	Recovery Limits	Flag						
1,2-Dichloroethane-d4	89.8	70-130							
Toluene-d8	99.0	70-130							
4-Bromofluorobenzene	93.8	70-130							

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Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0266

Date Received: 12/8/2012

Field Sample #: B-16 (12-14ft)

Sampled: 12/7/2012 11:55

Sample ID: 12L0266-02

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	12/10/12	12/10/12 9:59	MFF

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Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0266

Date Received: 12/8/2012

Field Sample #: B-16 (12-14ft)

Sampled: 12/7/2012 11:55

Sample ID: 12L0266-02

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	90.2		% Wt	1		SM 2540G	12/8/12	12/10/12 11:27	CWB

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Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0266

Date Received: 12/8/2012

Field Sample #: B-24 (0-4ft)

Sampled: 12/7/2012 12:33

Sample ID: 12L0266-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	mg/Kg dry	1	V-05, V-16	SW-846 8260C	12/10/12	12/10/12 10:26	MFF
Acrylonitrile	ND	0.0064	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
Benzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
Bromobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
Bromochloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
Bromodichloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
Bromoform	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
Bromomethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
2-Butanone (MEK)	ND	0.042	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 10:26	MFF
tert-Butyl Alcohol (TBA)	ND	0.042	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 10:26	MFF
n-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
sec-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
tert-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
Carbon Disulfide	ND	0.0064	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
Carbon Tetrachloride	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
Chlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
Chlorodibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
Chloroethane	ND	0.021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
Chloroform	ND	0.0042	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
2-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
4-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 10:26	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
Dibromomethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
1,2-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
1,3-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
1,4-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
trans-1,4-Dichloro-2-butene	ND	0.0042	mg/Kg dry	1	V-05	SW-846 8260C	12/10/12	12/10/12 10:26	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
1,1-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
1,2-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
1,1-Dichloroethylene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
cis-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
trans-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
1,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
2,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
1,1-Dichloropropene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
trans-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
Diethyl Ether	ND	0.021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF

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Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0266

Date Received: 12/8/2012

Field Sample #: B-24 (0-4ft)

Sampled: 12/7/2012 12:33

Sample ID: 12L0266-03

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	0.0011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
1,4-Dioxane	ND	0.11	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 10:26	MFF
Ethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
Hexachlorobutadiene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
2-Hexanone (MBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
Isopropylbenzene (Cumene)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0042	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
Methylene Chloride	ND	0.021	mg/Kg dry	1	V-05	SW-846 8260C	12/10/12	12/10/12 10:26	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
Naphthalene	ND	0.0042	mg/Kg dry	1	V-05	SW-846 8260C	12/10/12	12/10/12 10:26	MFF
n-Propylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
Styrene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
Tetrachloroethylene	0.0028	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
Tetrahydrofuran	ND	0.011	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 10:26	MFF
Toluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
1,2,3-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
1,2,4-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
1,3,5-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
1,1,1-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
1,1,2-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
Trichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
1,2,3-Trichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
1,2,4-Trimethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
1,3,5-Trimethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
m+p Xylene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF
o-Xylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 10:26	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	92.2	70-130	
Toluene-d8	101	70-130	
4-Bromofluorobenzene	93.0	70-130	

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Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0266

Date Received: 12/8/2012

Field Sample #: B-24 (0-4ft)

Sampled: 12/7/2012 12:33

Sample ID: 12L0266-03

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	12/10/12	12/10/12 10:26	MFF

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Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0266

Date Received: 12/8/2012

Sampled: 12/7/2012 12:33

Field Sample #: B-24 (0-4ft)

Sample ID: 12L0266-03

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	85.0		% Wt	1		SM 2540G	12/8/12	12/10/12 11:27	CWB

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Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0266

Date Received: 12/8/2012

Field Sample #: B-17 (8-10ft)

Sampled: 12/7/2012 13:26

Sample ID: 12L0266-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.24	mg/Kg dry	1	V-05, V-16	SW-846 8260C	12/10/12	12/10/12 11:20	MFF
Acrylonitrile	ND	0.015	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
Benzene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
Bromobenzene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
Bromochloromethane	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
Bromodichloromethane	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
Bromoform	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
Bromomethane	ND	0.024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
2-Butanone (MEK)	ND	0.098	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 11:20	MFF
tert-Butyl Alcohol (TBA)	ND	0.098	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 11:20	MFF
n-Butylbenzene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
sec-Butylbenzene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
tert-Butylbenzene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
Carbon Disulfide	ND	0.015	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
Carbon Tetrachloride	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
Chlorobenzene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
Chlorodibromomethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
Chloroethane	ND	0.049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
Chloroform	ND	0.0098	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
Chloromethane	ND	0.024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
2-Chlorotoluene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
4-Chlorotoluene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0049	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 11:20	MFF
1,2-Dibromoethane (EDB)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
Dibromomethane	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
1,2-Dichlorobenzene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
1,3-Dichlorobenzene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
1,4-Dichlorobenzene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
trans-1,4-Dichloro-2-butene	ND	0.0098	mg/Kg dry	1	V-05	SW-846 8260C	12/10/12	12/10/12 11:20	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
1,1-Dichloroethane	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
1,2-Dichloroethane	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
1,1-Dichloroethylene	ND	0.0098	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
cis-1,2-Dichloroethylene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
trans-1,2-Dichloroethylene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
1,2-Dichloropropane	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
1,3-Dichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
2,2-Dichloropropane	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
1,1-Dichloropropene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
cis-1,3-Dichloropropene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
trans-1,3-Dichloropropene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
Diethyl Ether	ND	0.049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF

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Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0266

Date Received: 12/8/2012

Field Sample #: B-17 (8-10ft)

Sampled: 12/7/2012 13:26

Sample ID: 12L0266-04

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	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
1,4-Dioxane	ND	0.24	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 11:20	MFF
Ethylbenzene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
Hexachlorobutadiene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
2-Hexanone (MBK)	ND	0.049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
Isopropylbenzene (Cumene)	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0098	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
Methylene Chloride	ND	0.049	mg/Kg dry	1	V-05	SW-846 8260C	12/10/12	12/10/12 11:20	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
Naphthalene	ND	0.0098	mg/Kg dry	1	V-05	SW-846 8260C	12/10/12	12/10/12 11:20	MFF
n-Propylbenzene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
Styrene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
1,1,1,2-Tetrachloroethane	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
1,1,2,2-Tetrachloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
Tetrachloroethylene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
Tetrahydrofuran	ND	0.024	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 11:20	MFF
Toluene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
1,2,3-Trichlorobenzene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
1,2,4-Trichlorobenzene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
1,3,5-Trichlorobenzene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
1,1,1-Trichloroethane	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
1,1,2-Trichloroethane	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
Trichloroethylene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
Trichlorofluoromethane (Freon 11)	ND	0.024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
1,2,3-Trichloropropane	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
1,2,4-Trimethylbenzene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
1,3,5-Trimethylbenzene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
Vinyl Chloride	ND	0.024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
m+p Xylene	ND	0.0098	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF
o-Xylene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:20	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	84.8	70-130	
Toluene-d8	104	70-130	
4-Bromofluorobenzene	93.6	70-130	

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Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0266

Date Received: 12/8/2012

Field Sample #: B-17 (8-10ft)

Sampled: 12/7/2012 13:26

Sample ID: 12L0266-04

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	12/10/12	12/10/12 11:20	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: 12L0266

Date Received: 12/8/2012

Field Sample #: B-17 (8-10ft)

Sampled: 12/7/2012 13:26

Sample ID: 12L0266-04

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	83.3		% Wt	1		SM 2540G	12/8/12	12/10/12 11:27	CWB

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Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0266

Date Received: 12/8/2012

Field Sample #: B-18 (6-8ft)

Sampled: 12/7/2012 10:30

Sample ID: 12L0266-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	mg/Kg dry	1	V-05, V-16	SW-846 8260C	12/10/12	12/10/12 11:47	MFF
Acrylonitrile	ND	0.0063	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
Benzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
Bromobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
Bromochloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
Bromodichloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
Bromoform	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
Bromomethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
2-Butanone (MEK)	ND	0.042	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 11:47	MFF
tert-Butyl Alcohol (TBA)	ND	0.042	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 11:47	MFF
n-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
sec-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
tert-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
Carbon Disulfide	ND	0.0063	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
Carbon Tetrachloride	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
Chlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
Chlorodibromomethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
Chloroethane	ND	0.021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
Chloroform	ND	0.0042	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
Chloromethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
2-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
4-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 11:47	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
Dibromomethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
1,2-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
1,3-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
1,4-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
trans-1,4-Dichloro-2-butene	ND	0.0042	mg/Kg dry	1	V-05	SW-846 8260C	12/10/12	12/10/12 11:47	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
1,1-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
1,2-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
1,1-Dichloroethylene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
cis-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
trans-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
1,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
2,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
1,1-Dichloropropene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
Diethyl Ether	ND	0.021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF

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Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0266

Date Received: 12/8/2012

Field Sample #: B-18 (6-8ft)

Sampled: 12/7/2012 10:30

Sample ID: 12L0266-05

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	0.0010	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
1,4-Dioxane	ND	0.10	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 11:47	MFF
Ethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
Hexachlorobutadiene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
2-Hexanone (MBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
Isopropylbenzene (Cumene)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0042	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
Methylene Chloride	ND	0.021	mg/Kg dry	1	V-05	SW-846 8260C	12/10/12	12/10/12 11:47	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
Naphthalene	ND	0.0042	mg/Kg dry	1	V-05	SW-846 8260C	12/10/12	12/10/12 11:47	MFF
n-Propylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
Styrene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
Tetrachloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
Tetrahydrofuran	ND	0.010	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 11:47	MFF
Toluene	0.0022	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
1,2,3-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
1,2,4-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
1,3,5-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
1,1,1-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
1,1,2-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
Trichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
1,2,3-Trichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
1,2,4-Trimethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
1,3,5-Trimethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
Vinyl Chloride	ND	0.010	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
m+p Xylene	ND	0.0042	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF
o-Xylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 11:47	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	91.4	70-130	
Toluene-d8	101	70-130	
4-Bromofluorobenzene	96.2	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: 12L0266

Date Received: 12/8/2012

Field Sample #: B-18 (6-8ft)

Sampled: 12/7/2012 10:30

Sample ID: 12L0266-05

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			1		SW-846 8260C	12/10/12	12/10/12 11:47	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: 12L0266

Date Received: 12/8/2012

Sampled: 12/7/2012 10:30

Field Sample #: B-18 (6-8ft)

Sample ID: 12L0266-05

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	85.3		% Wt	1		SM 2540G	12/8/12	12/10/12 11:27	CWB

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

Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0266

Date Received: 12/8/2012

Field Sample #: B-23 (0-2ft)

Sampled: 12/7/2012 09:40

Sample ID: 12L0266-06

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-05, V-16	SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Acrylonitrile	ND	0.0071	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Benzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Bromobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Bromochloromethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Bromodichloromethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Bromoform	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Bromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
2-Butanone (MEK)	ND	0.047	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 12:14	MFF
tert-Butyl Alcohol (TBA)	ND	0.047	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 12:14	MFF
n-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
sec-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
tert-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Carbon Disulfide	ND	0.0071	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Carbon Tetrachloride	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Chlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Chlorodibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Chloroethane	ND	0.024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Chloroform	ND	0.0047	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Chloromethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
2-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
4-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Dibromomethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,2-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,3-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,4-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
trans-1,4-Dichloro-2-butene	ND	0.0047	mg/Kg dry	1	V-05	SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,1-Dichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,2-Dichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,1-Dichloroethylene	ND	0.0047	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
cis-1,2-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
trans-1,2-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,2-Dichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
2,2-Dichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,1-Dichloropropene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
trans-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Diethyl Ether	ND	0.024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF

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Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0266

Date Received: 12/8/2012

Sampled: 12/7/2012 09:40

Field Sample #: B-23 (0-2ft)

Sample ID: 12L0266-06

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	12/10/12	12/10/12 12:14	MFF
1,4-Dioxane	ND	0.12	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Ethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Hexachlorobutadiene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
2-Hexanone (MBK)	ND	0.024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Isopropylbenzene (Cumene)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0047	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Methylene Chloride	ND	0.024	mg/Kg dry	1	V-05	SW-846 8260C	12/10/12	12/10/12 12:14	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Naphthalene	ND	0.0047	mg/Kg dry	1	V-05	SW-846 8260C	12/10/12	12/10/12 12:14	MFF
n-Propylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Styrene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Tetrachloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Tetrahydrofuran	ND	0.012	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Toluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,2,3-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,2,4-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,3,5-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,1,1-Trichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,1,2-Trichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Trichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,2,3-Trichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,2,4-Trimethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,3,5-Trimethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
m+p Xylene	ND	0.0047	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
o-Xylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	95.1	70-130	
Toluene-d8	98.9	70-130	
4-Bromofluorobenzene	91.9	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: 12L0266

Date Received: 12/8/2012

Field Sample #: B-23 (0-2ft)

Sampled: 12/7/2012 09:40

Sample ID: 12L0266-06

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	12/10/12	12/10/12 12:14	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: 12L0266

Date Received: 12/8/2012

Sampled: 12/7/2012 09:40

Field Sample #: B-23 (0-2ft)

Sample ID: 12L0266-06

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	81.9		% Wt	1		SM 2540G	12/8/12	12/10/12 11:27	CWB

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

Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0266

Date Received: 12/8/2012

Field Sample #: B-20 (12-14ft)

Sampled: 12/7/2012 08:44

Sample ID: 12L0266-07

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-05, V-16	SW-846 8260C	12/10/12	12/10/12 12:41	MFF
Acrylonitrile	ND	0.0065	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Benzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
Bromobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Bromochloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Bromodichloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Bromoform	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Bromomethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
2-Butanone (MEK)	ND	0.043	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 12:14	MFF
tert-Butyl Alcohol (TBA)	ND	0.043	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 12:14	MFF
n-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
sec-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
tert-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Carbon Disulfide	ND	0.0065	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Carbon Tetrachloride	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Chlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Chlorodibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Chloroethane	ND	0.022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Chloroform	ND	0.0043	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
2-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
4-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0022	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Dibromomethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,2-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,3-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,4-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
trans-1,4-Dichloro-2-butene	ND	0.0043	mg/Kg dry	1	V-05	SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,1-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,2-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,1-Dichloroethylene	ND	0.0043	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
cis-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
trans-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
2,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,1-Dichloropropene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
trans-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Diethyl Ether	ND	0.022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	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: 12L0266

Date Received: 12/8/2012

Field Sample #: B-20 (12-14ft)

Sampled: 12/7/2012 08:44

Sample ID: 12L0266-07

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	12/10/12	12/10/12 12:14	MFF
1,4-Dioxane	ND	0.11	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Ethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Hexachlorobutadiene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
2-Hexanone (MBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Isopropylbenzene (Cumene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0043	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Methylene Chloride	ND	0.022	mg/Kg dry	1	V-05	SW-846 8260C	12/10/12	12/10/12 12:41	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Naphthalene	ND	0.0043	mg/Kg dry	1	V-05	SW-846 8260C	12/10/12	12/10/12 12:14	MFF
n-Propylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Styrene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,1,1,2-Tetrachloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Tetrachloroethylene	0.059	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
Tetrahydrofuran	ND	0.011	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Toluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
1,2,3-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,2,4-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,3,5-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,1,1-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,1,2-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
Trichloroethylene	0.0071	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,2,3-Trichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
1,2,4-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
1,3,5-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:14	MFF
m+p Xylene	ND	0.0043	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
o-Xylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	94.6	70-130	12/10/12 12:41
Toluene-d8	99.4	70-130	12/10/12 12:41
4-Bromofluorobenzene	95.2	70-130	12/10/12 12:41

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Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0266

Date Received: 12/8/2012

Field Sample #: B-20 (12-14ft)

Sampled: 12/7/2012 08:44

Sample ID: 12L0266-07

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	12/10/12	12/10/12 12:14	MFF

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Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0266

Date Received: 12/8/2012

Sampled: 12/7/2012 08:44

Field Sample #: B-20 (12-14ft)

Sample ID: 12L0266-07

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	91.6		% Wt	1		SM 2540G	12/8/12	12/10/12 11:27	CWB

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Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0266

Date Received: 12/8/2012

Field Sample #: B-20 (0-2ft)

Sampled: 12/7/2012 08:00

Sample ID: 12L0266-08

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-05, V-16	SW-846 8260C	12/10/12	12/10/12 13:08	MFF
Acrylonitrile	ND	0.0072	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
Benzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 13:08	MFF
Bromobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
Bromochloromethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
Bromodichloromethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
Bromoform	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
Bromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
2-Butanone (MEK)	ND	0.048	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 12:41	MFF
tert-Butyl Alcohol (TBA)	ND	0.048	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 12:41	MFF
n-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
sec-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
tert-Butylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
Carbon Disulfide	ND	0.0072	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 13:08	MFF
Carbon Tetrachloride	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
Chlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
Chlorodibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
Chloroethane	ND	0.024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
Chloroform	ND	0.0048	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
Chloromethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
2-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
4-Chlorotoluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 12:41	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
Dibromomethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
1,2-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
1,3-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
1,4-Dichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
trans-1,4-Dichloro-2-butene	ND	0.0048	mg/Kg dry	1	V-05	SW-846 8260C	12/10/12	12/10/12 12:41	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
1,1-Dichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
1,2-Dichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
1,1-Dichloroethylene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
cis-1,2-Dichloroethylene	0.0039	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 13:08	MFF
trans-1,2-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
1,2-Dichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
2,2-Dichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
1,1-Dichloropropene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
trans-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
Diethyl Ether	ND	0.024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF

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Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0266

Date Received: 12/8/2012

Field Sample #: B-20 (0-2ft)

Sampled: 12/7/2012 08:00

Sample ID: 12L0266-08

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	12/10/12	12/10/12 12:41	MFF
1,4-Dioxane	ND	0.12	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 12:41	MFF
Ethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
Hexachlorobutadiene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
2-Hexanone (MBK)	ND	0.024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
Isopropylbenzene (Cumene)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 13:08	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0048	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
Methylene Chloride	ND	0.024	mg/Kg dry	1	V-05	SW-846 8260C	12/10/12	12/10/12 13:08	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
Naphthalene	ND	0.0048	mg/Kg dry	1	V-05	SW-846 8260C	12/10/12	12/10/12 12:41	MFF
n-Propylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
Styrene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
Tetrachloroethylene	0.021	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 13:08	MFF
Tetrahydrofuran	ND	0.012	mg/Kg dry	1	V-16	SW-846 8260C	12/10/12	12/10/12 12:41	MFF
Toluene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
1,2,3-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
1,2,4-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
1,3,5-Trichlorobenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
1,1,1-Trichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
1,1,2-Trichloroethane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
Trichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 13:08	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
1,2,3-Trichloropropane	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
1,2,4-Trimethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 13:08	MFF
1,3,5-Trimethylbenzene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 12:41	MFF
m+p Xylene	ND	0.0048	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 13:08	MFF
o-Xylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	12/10/12	12/10/12 13:08	MFF

Surrogates	% Recovery	Recovery Limits	Flag
1,2-Dichloroethane-d4	89.9	70-130	12/10/12 13:08
Toluene-d8	102	70-130	12/10/12 13:08
4-Bromofluorobenzene	92.5	70-130	12/10/12 13:08

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Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0266

Date Received: 12/8/2012

Field Sample #: B-20 (0-2ft)

Sampled: 12/7/2012 08:00

Sample ID: 12L0266-08

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	12/10/12	12/10/12 12:41	MFF

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Project Location: Buffalo, NY

Sample Description: Field

Work Order: 12L0266

Date Received: 12/8/2012

Sampled: 12/7/2012 08:00

Field Sample #: B-20 (0-2ft)

Sample ID: 12L0266-08

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	82.1		% Wt	1		SM 2540G	12/8/12	12/10/12 11:27	CWB

Sample Extraction Data**Prep Method: % Solids-SM 2540G**

Lab Number [Field ID]	Batch	Date
12L0266-02 [B-16 (12-14ft)]	B064296	12/08/12
12L0266-03 [B-24 (0-4ft)]	B064296	12/08/12
12L0266-04 [B-17 (8-10ft)]	B064296	12/08/12
12L0266-05 [B-18 (6-8ft)]	B064296	12/08/12
12L0266-06 [B-23 (0-2ft)]	B064296	12/08/12
12L0266-07 [B-20 (12-14ft)]	B064296	12/08/12
12L0266-08 [B-20 (0-2ft)]	B064296	12/08/12

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

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
12L0266-02 [B-16 (12-14ft)]	B064340	5.11	10.0	12/10/12
12L0266-03 [B-24 (0-4ft)]	B064340	5.55	10.0	12/10/12
12L0266-04 [B-17 (8-10ft)]	B064340	2.46	10.0	12/10/12
12L0266-05 [B-18 (6-8ft)]	B064340	5.60	10.0	12/10/12
12L0266-06 [B-23 (0-2ft)]	B064340	5.18	10.0	12/10/12
12L0266-07 [B-20 (12-14ft)]	B064340	5.04	10.0	12/10/12
12L0266-08 [B-20 (0-2ft)]	B064340	5.09	10.0	12/10/12

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

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
12L0266-01 [TB-1]	B064305	5	5.00	12/10/12

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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 B064305 - SW-846 5030B										
Blank (B064305-BLK1)				Prepared & Analyzed: 12/10/12						
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							
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	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							V-05
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							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
1,3-Dichloropropane	ND	0.50	µg/L							
2,2-Dichloropropane	ND	1.0	µg/L							
1,1-Dichloropropene	ND	2.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Diethyl Ether	ND	2.0	µg/L							
Diisopropyl Ether (DIPE)	ND	0.50	µg/L							
1,4-Dioxane	ND	50	µg/L							V-16
Ethylbenzene	ND	1.0	µg/L							
Hexachlorobutadiene	ND	0.50	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
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 B064305 - SW-846 5030B

Blank (B064305-BLK1)

Prepared & Analyzed: 12/10/12

Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	5.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,1,2-Tetrachloroethane	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Tetrahydrofuran	ND	10	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	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	24.1		µg/L	25.0		96.4	70-130			
Surrogate: Toluene-d8	24.6		µg/L	25.0		98.2	70-130			
Surrogate: 4-Bromofluorobenzene	24.8		µg/L	25.0		99.4	70-130			

LCS (B064305-BS1)

Prepared & Analyzed: 12/10/12

Acetone	96.2	50	µg/L	100		96.2	70-160			†
Acrylonitrile	12.2	5.0	µg/L	10.0		122	70-130			
tert-Amyl Methyl Ether (TAME)	11.7	0.50	µg/L	10.0		117	70-130			
Benzene	11.6	1.0	µg/L	10.0		116	70-130			
Bromobenzene	11.6	1.0	µg/L	10.0		116	70-130			
Bromochloromethane	11.9	1.0	µg/L	10.0		119	70-130			
Bromodichloromethane	10.5	0.50	µg/L	10.0		105	70-130			
Bromoform	9.22	1.0	µg/L	10.0		92.2	70-130			
Bromomethane	4.78	2.0	µg/L	10.0		47.8	40-160		R-05, V-20	†
2-Butanone (MEK)	98.5	20	µg/L	100		98.5	40-160			†
tert-Butyl Alcohol (TBA)	91.4	20	µg/L	100		91.4	40-160		V-16	†
n-Butylbenzene	10.5	1.0	µg/L	10.0		105	70-130			
sec-Butylbenzene	11.9	1.0	µg/L	10.0		119	70-130			
tert-Butylbenzene	11.5	1.0	µg/L	10.0		115	70-130			
tert-Butyl Ethyl Ether (TBEE)	11.9	0.50	µg/L	10.0		119	70-130			
Carbon Disulfide	10.5	2.0	µg/L	10.0		105	70-130			
Carbon Tetrachloride	11.1	5.0	µg/L	10.0		111	70-130			
Chlorobenzene	11.3	1.0	µg/L	10.0		113	70-130			
Chlorodibromomethane	9.35	0.50	µg/L	10.0		93.5	70-130			
Chloroethane	11.1	2.0	µg/L	10.0		111	70-130			
Chloroform	11.6	2.0	µg/L	10.0		116	70-130			
Chloromethane	9.56	2.0	µg/L	10.0		95.6	40-160			†
2-Chlorotoluene	11.1	1.0	µg/L	10.0		111	70-130			

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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 B064305 - SW-846 5030B										
LCS (B064305-BS1)				Prepared & Analyzed: 12/10/12						
4-Chlorotoluene	11.6	1.0	µg/L	10.0		116	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	9.05	5.0	µg/L	10.0		90.5	70-130			V-05
1,2-Dibromoethane (EDB)	11.8	0.50	µg/L	10.0		118	70-130			
Dibromomethane	11.2	1.0	µg/L	10.0		112	70-130			
1,2-Dichlorobenzene	11.5	1.0	µg/L	10.0		115	70-130			
1,3-Dichlorobenzene	11.6	1.0	µg/L	10.0		116	70-130			
1,4-Dichlorobenzene	11.5	1.0	µg/L	10.0		115	70-130			
trans-1,4-Dichloro-2-butene	9.06	2.0	µg/L	10.0		90.6	70-130			
Dichlorodifluoromethane (Freon 12)	6.65	2.0	µg/L	10.0		66.5	40-160			†
1,1-Dichloroethane	11.5	1.0	µg/L	10.0		115	70-130			
1,2-Dichloroethane	10.6	1.0	µg/L	10.0		106	70-130			
1,1-Dichloroethylene	11.0	1.0	µg/L	10.0		110	70-130			
cis-1,2-Dichloroethylene	11.7	1.0	µg/L	10.0		117	70-130			
trans-1,2-Dichloroethylene	11.3	1.0	µg/L	10.0		113	70-130			
1,2-Dichloropropane	11.8	1.0	µg/L	10.0		118	70-130			
1,3-Dichloropropane	11.2	0.50	µg/L	10.0		112	70-130			
2,2-Dichloropropane	13.1	1.0	µg/L	10.0		131	40-130			L-07, V-20 †
1,1-Dichloropropene	12.2	2.0	µg/L	10.0		122	70-130			
cis-1,3-Dichloropropene	9.68	0.50	µg/L	10.0		96.8	70-130			
trans-1,3-Dichloropropene	10.4	0.50	µg/L	10.0		104	70-130			
Diethyl Ether	10.5	2.0	µg/L	10.0		105	70-130			
Diisopropyl Ether (DIPE)	12.2	0.50	µg/L	10.0		122	70-130			
1,4-Dioxane	99.9	50	µg/L	100		99.9	40-130			V-16 †
Ethylbenzene	12.1	1.0	µg/L	10.0		121	70-130			
Hexachlorobutadiene	11.0	0.50	µg/L	10.0		110	70-130			
2-Hexanone (MBK)	107	10	µg/L	100		107	70-160			†
Isopropylbenzene (Cumene)	12.0	1.0	µg/L	10.0		120	70-130			
p-Isopropyltoluene (p-Cymene)	12.4	1.0	µg/L	10.0		124	70-130			
Methyl tert-Butyl Ether (MTBE)	11.6	1.0	µg/L	10.0		116	70-130			
Methylene Chloride	11.1	5.0	µg/L	10.0		111	70-130			
4-Methyl-2-pentanone (MIBK)	106	10	µg/L	100		106	70-160			†
Naphthalene	10.5	5.0	µg/L	10.0		105	40-130			†
n-Propylbenzene	11.5	1.0	µg/L	10.0		115	70-130			
Styrene	11.8	1.0	µg/L	10.0		118	70-130			
1,1,1,2-Tetrachloroethane	11.5	1.0	µg/L	10.0		115	70-130			
1,1,2,2-Tetrachloroethane	10.8	0.50	µg/L	10.0		108	70-130			
Tetrachloroethylene	12.1	1.0	µg/L	10.0		121	70-130			
Tetrahydrofuran	11.7	10	µg/L	10.0		117	70-130			
Toluene	11.5	1.0	µg/L	10.0		115	70-130			
1,2,3-Trichlorobenzene	10.4	5.0	µg/L	10.0		104	70-130			
1,2,4-Trichlorobenzene	10.6	5.0	µg/L	10.0		106	70-130			
1,3,5-Trichlorobenzene	10.1	1.0	µg/L	10.0		101	70-130			
1,1,1-Trichloroethane	11.4	1.0	µg/L	10.0		114	70-130			
1,1,2-Trichloroethane	10.6	1.0	µg/L	10.0		106	70-130			
Trichloroethylene	11.5	1.0	µg/L	10.0		115	70-130			
Trichlorofluoromethane (Freon 11)	10.6	2.0	µg/L	10.0		106	70-130			
1,2,3-Trichloropropane	11.1	2.0	µg/L	10.0		111	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.0	1.0	µg/L	10.0		120	70-130			
1,2,4-Trimethylbenzene	11.9	1.0	µg/L	10.0		119	70-130			
1,3,5-Trimethylbenzene	11.6	1.0	µg/L	10.0		116	70-130			
Vinyl Chloride	9.09	2.0	µg/L	10.0		90.9	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 B064305 - SW-846 5030B										
LCS (B064305-BS1)										
Prepared & Analyzed: 12/10/12										
m+p Xylene	24.1	2.0	µg/L	20.0		120	70-130			
o-Xylene	11.8	1.0	µg/L	10.0		118	70-130			
Surrogate: 1,2-Dichloroethane-d4	23.3		µg/L	25.0		93.2	70-130			
Surrogate: Toluene-d8	24.4		µg/L	25.0		97.4	70-130			
Surrogate: 4-Bromofluorobenzene	24.5		µg/L	25.0		98.1	70-130			
LCS Dup (B064305-BS1)										
Prepared & Analyzed: 12/10/12										
Acetone	100	50	µg/L	100		100	70-160	4.05	25	†
Acrylonitrile	11.4	5.0	µg/L	10.0		114	70-130	6.79	25	
tert-Amyl Methyl Ether (TAME)	11.8	0.50	µg/L	10.0		118	70-130	0.597	25	
Benzene	11.4	1.0	µg/L	10.0		114	70-130	1.48	25	
Bromobenzene	11.5	1.0	µg/L	10.0		115	70-130	0.950	25	
Bromochloromethane	12.1	1.0	µg/L	10.0		121	70-130	1.67	25	
Bromodichloromethane	10.1	0.50	µg/L	10.0		101	70-130	3.99	25	
Bromoform	9.03	1.0	µg/L	10.0		90.3	70-130	2.08	25	
Bromomethane	6.54	2.0	µg/L	10.0		65.4	40-160	31.1 *	25	R-05, V-20 †
2-Butanone (MEK)	95.7	20	µg/L	100		95.7	40-160	2.81	25	†
tert-Butyl Alcohol (TBA)	95.0	20	µg/L	100		95.0	40-160	3.86	25	V-16 †
n-Butylbenzene	9.68	1.0	µg/L	10.0		96.8	70-130	8.13	25	
sec-Butylbenzene	11.3	1.0	µg/L	10.0		113	70-130	5.51	25	
tert-Butylbenzene	10.9	1.0	µg/L	10.0		109	70-130	5.25	25	
tert-Butyl Ethyl Ether (TBEE)	11.8	0.50	µg/L	10.0		118	70-130	0.762	25	
Carbon Disulfide	10.7	2.0	µg/L	10.0		107	70-130	2.07	25	
Carbon Tetrachloride	10.2	5.0	µg/L	10.0		102	70-130	9.01	25	
Chlorobenzene	11.2	1.0	µg/L	10.0		112	70-130	1.07	25	
Chlorodibromomethane	9.04	0.50	µg/L	10.0		90.4	70-130	3.37	25	
Chloroethane	11.7	2.0	µg/L	10.0		117	70-130	5.18	25	
Chloroform	11.3	2.0	µg/L	10.0		113	70-130	2.88	25	
Chloromethane	9.76	2.0	µg/L	10.0		97.6	40-160	2.07	25	†
2-Chlorotoluene	11.0	1.0	µg/L	10.0		110	70-130	0.452	25	
4-Chlorotoluene	11.6	1.0	µg/L	10.0		116	70-130	0.344	25	
1,2-Dibromo-3-chloropropane (DBCP)	8.00	5.0	µg/L	10.0		80.0	70-130	12.3	25	V-05
1,2-Dibromoethane (EDB)	11.4	0.50	µg/L	10.0		114	70-130	3.71	25	
Dibromomethane	11.3	1.0	µg/L	10.0		113	70-130	0.267	25	
1,2-Dichlorobenzene	11.0	1.0	µg/L	10.0		110	70-130	4.80	25	
1,3-Dichlorobenzene	11.4	1.0	µg/L	10.0		114	70-130	2.17	25	
1,4-Dichlorobenzene	11.2	1.0	µg/L	10.0		112	70-130	2.65	25	
trans-1,4-Dichloro-2-butene	8.58	2.0	µg/L	10.0		85.8	70-130	5.44	25	
Dichlorodifluoromethane (Freon 12)	6.01	2.0	µg/L	10.0		60.1	40-160	10.1	25	†
1,1-Dichloroethane	11.3	1.0	µg/L	10.0		113	70-130	2.10	25	
1,2-Dichloroethane	10.6	1.0	µg/L	10.0		106	70-130	0.471	25	
1,1-Dichloroethylene	11.3	1.0	µg/L	10.0		113	70-130	2.96	25	
cis-1,2-Dichloroethylene	11.2	1.0	µg/L	10.0		112	70-130	4.54	25	
trans-1,2-Dichloroethylene	10.8	1.0	µg/L	10.0		108	70-130	4.70	25	
1,2-Dichloropropane	11.3	1.0	µg/L	10.0		113	70-130	4.40	25	
1,3-Dichloropropane	11.0	0.50	µg/L	10.0		110	70-130	1.80	25	
2,2-Dichloropropane	12.1	1.0	µg/L	10.0		121	40-130	7.91	25	V-20 †
1,1-Dichloropropene	11.6	2.0	µg/L	10.0		116	70-130	4.96	25	
cis-1,3-Dichloropropene	9.45	0.50	µg/L	10.0		94.5	70-130	2.40	25	
trans-1,3-Dichloropropene	9.92	0.50	µg/L	10.0		99.2	70-130	4.44	25	
Diethyl Ether	11.4	2.0	µg/L	10.0		114	70-130	8.60	25	
Diisopropyl Ether (DIPE)	12.6	0.50	µg/L	10.0		126	70-130	2.83	25	

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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 B064305 - SW-846 5030B

LCS Dup (B064305-BSD1)

Prepared & Analyzed: 12/10/12

1,4-Dioxane	96.9	50	µg/L	100		96.9	40-130	2.99	50	V-16 † ‡
Ethylbenzene	11.4	1.0	µg/L	10.0		114	70-130	5.80	25	
Hexachlorobutadiene	10.3	0.50	µg/L	10.0		103	70-130	6.41	25	
2-Hexanone (MBK)	104	10	µg/L	100		104	70-160	2.82	25	†
Isopropylbenzene (Cumene)	11.8	1.0	µg/L	10.0		118	70-130	1.85	25	
p-Isopropyltoluene (p-Cymene)	11.9	1.0	µg/L	10.0		119	70-130	3.95	25	
Methyl tert-Butyl Ether (MTBE)	11.8	1.0	µg/L	10.0		118	70-130	1.62	25	
Methylene Chloride	10.2	5.0	µg/L	10.0		102	70-130	8.14	25	
4-Methyl-2-pentanone (MIBK)	104	10	µg/L	100		104	70-160	2.40	25	†
Naphthalene	9.90	5.0	µg/L	10.0		99.0	40-130	5.98	25	†
n-Propylbenzene	11.1	1.0	µg/L	10.0		111	70-130	3.72	25	
Styrene	11.7	1.0	µg/L	10.0		117	70-130	1.27	25	
1,1,1,2-Tetrachloroethane	11.1	1.0	µg/L	10.0		111	70-130	3.54	25	
1,1,2,2-Tetrachloroethane	10.9	0.50	µg/L	10.0		109	70-130	0.644	25	
Tetrachloroethylene	11.4	1.0	µg/L	10.0		114	70-130	5.36	25	
Tetrahydrofuran	11.5	10	µg/L	10.0		115	70-130	1.55	25	
Toluene	11.2	1.0	µg/L	10.0		112	70-130	2.46	25	
1,2,3-Trichlorobenzene	9.65	5.0	µg/L	10.0		96.5	70-130	7.48	25	
1,2,4-Trichlorobenzene	9.80	5.0	µg/L	10.0		98.0	70-130	8.22	25	
1,3,5-Trichlorobenzene	9.20	1.0	µg/L	10.0		92.0	70-130	9.43	25	
1,1,1-Trichloroethane	10.9	1.0	µg/L	10.0		109	70-130	4.40	25	
1,1,2-Trichloroethane	10.6	1.0	µg/L	10.0		106	70-130	0.377	25	
Trichloroethylene	10.8	1.0	µg/L	10.0		108	70-130	6.28	25	
Trichlorofluoromethane (Freon 11)	10.3	2.0	µg/L	10.0		103	70-130	2.01	25	
1,2,3-Trichloropropane	10.7	2.0	µg/L	10.0		107	70-130	3.12	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.0	1.0	µg/L	10.0		120	70-130	0.0832	25	
1,2,4-Trimethylbenzene	11.4	1.0	µg/L	10.0		114	70-130	4.89	25	
1,3,5-Trimethylbenzene	11.2	1.0	µg/L	10.0		112	70-130	3.50	25	
Vinyl Chloride	9.35	2.0	µg/L	10.0		93.5	40-160	2.82	25	†
m+p Xylene	23.5	2.0	µg/L	20.0		117	70-130	2.65	25	
o-Xylene	11.5	1.0	µg/L	10.0		115	70-130	3.08	25	
Surrogate: 1,2-Dichloroethane-d4	23.2		µg/L	25.0		93.0	70-130			
Surrogate: Toluene-d8	24.5		µg/L	25.0		98.0	70-130			
Surrogate: 4-Bromofluorobenzene	25.1		µg/L	25.0		100	70-130			

Batch B064340 - SW-846 5035

Blank (B064340-BLK1)

Prepared & Analyzed: 12/10/12

Acetone	ND	0.10	mg/Kg wet							V-05, 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							

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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 B064340 - SW-846 5035										
Blank (B064340-BLK1)				Prepared & Analyzed: 12/10/12						
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							
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							V-05
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							V-05
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 B064340 - SW-846 5035										
Blank (B064340-BLK1)				Prepared & Analyzed: 12/10/12						
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	0.0424		mg/Kg wet	0.0500		84.8	70-130			
Surrogate: Toluene-d8	0.0495		mg/Kg wet	0.0500		99.0	70-130			
Surrogate: 4-Bromofluorobenzene	0.0467		mg/Kg wet	0.0500		93.4	70-130			
LCS (B064340-BS1)				Prepared & Analyzed: 12/10/12						
Acetone	0.147	0.10	mg/Kg wet	0.200		73.7	70-160			V-05, V-16 †
Acrylonitrile	0.0174	0.0060	mg/Kg wet	0.0200		87.2	70-130			
tert-Amyl Methyl Ether (TAME)	0.0182	0.0010	mg/Kg wet	0.0200		91.2	70-130			
Benzene	0.0174	0.0020	mg/Kg wet	0.0200		86.9	70-130			
Bromobenzene	0.0188	0.0020	mg/Kg wet	0.0200		94.2	70-130			
Bromochloromethane	0.0199	0.0020	mg/Kg wet	0.0200		99.3	70-130			
Bromodichloromethane	0.0176	0.0020	mg/Kg wet	0.0200		88.1	70-130			
Bromoform	0.0189	0.0020	mg/Kg wet	0.0200		94.6	70-130			
Bromomethane	0.0136	0.010	mg/Kg wet	0.0200		67.8	40-130			†
2-Butanone (MEK)	0.154	0.040	mg/Kg wet	0.200		77.2	70-160			V-16 †
tert-Butyl Alcohol (TBA)	0.195	0.040	mg/Kg wet	0.200		97.7	40-130			V-16 †
n-Butylbenzene	0.0185	0.0020	mg/Kg wet	0.0200		92.4	70-130			
sec-Butylbenzene	0.0191	0.0020	mg/Kg wet	0.0200		95.5	70-130			
tert-Butylbenzene	0.0184	0.0020	mg/Kg wet	0.0200		92.2	70-160			†
tert-Butyl Ethyl Ether (TBEE)	0.0183	0.0020	mg/Kg wet	0.0200		91.5	70-130			
Carbon Disulfide	0.0163	0.0060	mg/Kg wet	0.0200		81.4	70-130			
Carbon Tetrachloride	0.0253	0.0020	mg/Kg wet	0.0200		126	70-130			V-20
Chlorobenzene	0.0179	0.0020	mg/Kg wet	0.0200		89.3	70-130			
Chlorodibromomethane	0.0181	0.0010	mg/Kg wet	0.0200		90.4	70-130			
Chloroethane	0.0164	0.020	mg/Kg wet	0.0200		82.0	70-130			
Chloroform	0.0173	0.0040	mg/Kg wet	0.0200		86.5	70-130			
Chloromethane	0.0175	0.010	mg/Kg wet	0.0200		87.3	70-130			
2-Chlorotoluene	0.0175	0.0020	mg/Kg wet	0.0200		87.3	70-130			
4-Chlorotoluene	0.0178	0.0020	mg/Kg wet	0.0200		88.8	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0164	0.0020	mg/Kg wet	0.0200		82.2	70-130			V-16
1,2-Dibromoethane (EDB)	0.0190	0.0010	mg/Kg wet	0.0200		95.1	70-130			
Dibromomethane	0.0177	0.0020	mg/Kg wet	0.0200		88.6	70-130			
1,2-Dichlorobenzene	0.0183	0.0020	mg/Kg wet	0.0200		91.6	70-130			
1,3-Dichlorobenzene	0.0186	0.0020	mg/Kg wet	0.0200		93.0	70-130			
1,4-Dichlorobenzene	0.0191	0.0020	mg/Kg wet	0.0200		95.5	70-130			
trans-1,4-Dichloro-2-butene	0.0153	0.0040	mg/Kg wet	0.0200		76.7	70-130			V-05
Dichlorodifluoromethane (Freon 12)	0.0133	0.020	mg/Kg wet	0.0200		66.4	40-160			†
1,1-Dichloroethane	0.0171	0.0020	mg/Kg wet	0.0200		85.3	70-130			
1,2-Dichloroethane	0.0163	0.0020	mg/Kg wet	0.0200		81.6	70-130			
1,1-Dichloroethylene	0.0169	0.0040	mg/Kg wet	0.0200		84.4	70-130			
cis-1,2-Dichloroethylene	0.0177	0.0020	mg/Kg wet	0.0200		88.6	70-130			
trans-1,2-Dichloroethylene	0.0176	0.0020	mg/Kg wet	0.0200		88.0	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 B064340 - SW-846 5035										
LCS (B064340-BS1)				Prepared & Analyzed: 12/10/12						
1,2-Dichloropropane	0.0166	0.0020	mg/Kg wet	0.0200		83.0	70-130			
1,3-Dichloropropane	0.0172	0.0010	mg/Kg wet	0.0200		86.0	70-130			
2,2-Dichloropropane	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130			
1,1-Dichloropropene	0.0170	0.0020	mg/Kg wet	0.0200		85.2	70-130			
cis-1,3-Dichloropropene	0.0163	0.0010	mg/Kg wet	0.0200		81.6	70-130			
trans-1,3-Dichloropropene	0.0176	0.0010	mg/Kg wet	0.0200		88.1	70-130			
Diethyl Ether	0.0175	0.020	mg/Kg wet	0.0200		87.4	70-130			
Diisopropyl Ether (DIPE)	0.0184	0.0010	mg/Kg wet	0.0200		92.1	70-130			
1,4-Dioxane	0.203	0.10	mg/Kg wet	0.200		101	40-160			V-16 †
Ethylbenzene	0.0181	0.0020	mg/Kg wet	0.0200		90.5	70-130			
Hexachlorobutadiene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-160			
2-Hexanone (MBK)	0.164	0.020	mg/Kg wet	0.200		81.8	70-160			†
Isopropylbenzene (Cumene)	0.0186	0.0020	mg/Kg wet	0.0200		93.1	70-130			
p-Isopropyltoluene (p-Cymene)	0.0199	0.0020	mg/Kg wet	0.0200		99.3	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0184	0.0040	mg/Kg wet	0.0200		91.9	70-130			
Methylene Chloride	0.0138	0.020	mg/Kg wet	0.0200		68.8	40-160			V-05 †
4-Methyl-2-pentanone (MIBK)	0.167	0.020	mg/Kg wet	0.200		83.4	70-160			†
Naphthalene	0.0141	0.0040	mg/Kg wet	0.0200		70.5	40-130			V-05 †
n-Propylbenzene	0.0186	0.0020	mg/Kg wet	0.0200		92.8	70-130			
Styrene	0.0171	0.0020	mg/Kg wet	0.0200		85.7	70-130			
1,1,1,2-Tetrachloroethane	0.0191	0.0020	mg/Kg wet	0.0200		95.5	70-130			
1,1,2,2-Tetrachloroethane	0.0179	0.0010	mg/Kg wet	0.0200		89.3	70-130			
Tetrachloroethylene	0.0197	0.0020	mg/Kg wet	0.0200		98.4	70-130			
Tetrahydrofuran	0.0204	0.010	mg/Kg wet	0.0200		102	70-130			V-16
Toluene	0.0164	0.0020	mg/Kg wet	0.0200		82.0	70-130			
1,2,3-Trichlorobenzene	0.0175	0.0020	mg/Kg wet	0.0200		87.5	70-130			
1,2,4-Trichlorobenzene	0.0180	0.0020	mg/Kg wet	0.0200		89.8	70-130			
1,3,5-Trichlorobenzene	0.0197	0.0020	mg/Kg wet	0.0200		98.3	70-130			
1,1,1-Trichloroethane	0.0190	0.0020	mg/Kg wet	0.0200		95.0	70-130			
1,1,2-Trichloroethane	0.0174	0.0020	mg/Kg wet	0.0200		87.2	70-130			
Trichloroethylene	0.0173	0.0020	mg/Kg wet	0.0200		86.3	70-130			
Trichlorofluoromethane (Freon 11)	0.0169	0.010	mg/Kg wet	0.0200		84.3	70-130			
1,2,3-Trichloropropane	0.0183	0.0020	mg/Kg wet	0.0200		91.4	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0203	0.010	mg/Kg wet	0.0200		101	70-130			
1,2,4-Trimethylbenzene	0.0182	0.0020	mg/Kg wet	0.0200		91.1	70-130			
1,3,5-Trimethylbenzene	0.0182	0.0020	mg/Kg wet	0.0200		90.9	70-130			
Vinyl Chloride	0.0148	0.010	mg/Kg wet	0.0200		73.9	40-130			†
m+p Xylene	0.0363	0.0040	mg/Kg wet	0.0400		90.8	70-130			
o-Xylene	0.0176	0.0020	mg/Kg wet	0.0200		88.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0436		mg/Kg wet	0.0500		87.2	70-130			
Surrogate: Toluene-d8	0.0498		mg/Kg wet	0.0500		99.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.0485		mg/Kg wet	0.0500		97.0	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 B064340 - SW-846 5035										
LCS Dup (B064340-BSD1)				Prepared & Analyzed: 12/10/12						
Acetone	0.147	0.10	mg/Kg wet	0.200		73.7	70-160	0.00	25	V-05, V-16 †
Acrylonitrile	0.0177	0.0060	mg/Kg wet	0.0200		88.5	70-130	1.48	25	
tert-Amyl Methyl Ether (TAME)	0.0189	0.0010	mg/Kg wet	0.0200		94.3	70-130	3.34	25	
Benzene	0.0184	0.0020	mg/Kg wet	0.0200		91.9	70-130	5.59	25	
Bromobenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.3	70-130	5.27	25	
Bromochloromethane	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130	8.30	25	
Bromodichloromethane	0.0184	0.0020	mg/Kg wet	0.0200		92.0	70-130	4.33	25	
Bromoform	0.0196	0.0020	mg/Kg wet	0.0200		98.0	70-130	3.53	25	
Bromomethane	0.0149	0.010	mg/Kg wet	0.0200		74.7	40-130	9.68	25	†
2-Butanone (MEK)	0.164	0.040	mg/Kg wet	0.200		82.2	70-160	6.16	25	V-16 †
tert-Butyl Alcohol (TBA)	0.199	0.040	mg/Kg wet	0.200		99.7	40-130	2.09	25	V-16 †
n-Butylbenzene	0.0193	0.0020	mg/Kg wet	0.0200		96.4	70-130	4.24	25	
sec-Butylbenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.4	70-130	4.00	25	
tert-Butylbenzene	0.0193	0.0020	mg/Kg wet	0.0200		96.6	70-160	4.66	25	†
tert-Butyl Ethyl Ether (TBEE)	0.0194	0.0020	mg/Kg wet	0.0200		97.0	70-130	5.84	25	
Carbon Disulfide	0.0163	0.0060	mg/Kg wet	0.0200		81.6	70-130	0.245	25	
Carbon Tetrachloride	0.0262	0.0020	mg/Kg wet	0.0200		131 *	70-130	3.50	25	L-07, V-20
Chlorobenzene	0.0188	0.0020	mg/Kg wet	0.0200		93.8	70-130	4.92	25	
Chlorodibromomethane	0.0188	0.0010	mg/Kg wet	0.0200		93.8	70-130	3.69	25	
Chloroethane	0.0170	0.020	mg/Kg wet	0.0200		85.1	70-130	3.71	25	
Chloroform	0.0186	0.0040	mg/Kg wet	0.0200		92.9	70-130	7.13	25	
Chloromethane	0.0179	0.010	mg/Kg wet	0.0200		89.5	70-130	2.49	25	
2-Chlorotoluene	0.0180	0.0020	mg/Kg wet	0.0200		90.2	70-130	3.27	25	
4-Chlorotoluene	0.0183	0.0020	mg/Kg wet	0.0200		91.6	70-130	3.10	25	
1,2-Dibromo-3-chloropropane (DBCP)	0.0179	0.0020	mg/Kg wet	0.0200		89.7	70-130	8.73	25	V-16
1,2-Dibromoethane (EDB)	0.0202	0.0010	mg/Kg wet	0.0200		101	70-130	6.12	25	
Dibromomethane	0.0190	0.0020	mg/Kg wet	0.0200		95.0	70-130	6.97	25	
1,2-Dichlorobenzene	0.0193	0.0020	mg/Kg wet	0.0200		96.5	70-130	5.21	25	
1,3-Dichlorobenzene	0.0194	0.0020	mg/Kg wet	0.0200		96.8	70-130	4.00	25	
1,4-Dichlorobenzene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130	5.50	25	
trans-1,4-Dichloro-2-butene	0.0158	0.0040	mg/Kg wet	0.0200		78.9	70-130	2.83	25	V-05
Dichlorodifluoromethane (Freon 12)	0.0135	0.020	mg/Kg wet	0.0200		67.5	40-160	1.64	25	†
1,1-Dichloroethane	0.0177	0.0020	mg/Kg wet	0.0200		88.4	70-130	3.57	25	
1,2-Dichloroethane	0.0174	0.0020	mg/Kg wet	0.0200		86.8	70-130	6.18	25	
1,1-Dichloroethylene	0.0172	0.0040	mg/Kg wet	0.0200		85.8	70-130	1.65	25	
cis-1,2-Dichloroethylene	0.0187	0.0020	mg/Kg wet	0.0200		93.5	70-130	5.38	25	
trans-1,2-Dichloroethylene	0.0181	0.0020	mg/Kg wet	0.0200		90.5	70-130	2.80	25	
1,2-Dichloropropane	0.0179	0.0020	mg/Kg wet	0.0200		89.5	70-130	7.54	25	
1,3-Dichloropropane	0.0179	0.0010	mg/Kg wet	0.0200		89.6	70-130	4.10	25	
2,2-Dichloropropane	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130	0.639	25	
1,1-Dichloropropene	0.0179	0.0020	mg/Kg wet	0.0200		89.3	70-130	4.70	25	
cis-1,3-Dichloropropene	0.0173	0.0010	mg/Kg wet	0.0200		86.5	70-130	5.83	25	
trans-1,3-Dichloropropene	0.0178	0.0010	mg/Kg wet	0.0200		89.1	70-130	1.13	25	
Diethyl Ether	0.0174	0.020	mg/Kg wet	0.0200		86.9	70-130	0.574	25	
Diisopropyl Ether (DIPE)	0.0196	0.0010	mg/Kg wet	0.0200		98.0	70-130	6.21	25	
1,4-Dioxane	0.197	0.10	mg/Kg wet	0.200		98.5	40-160	2.93	50	V-16 † ‡
Ethylbenzene	0.0190	0.0020	mg/Kg wet	0.0200		95.2	70-130	5.06	25	
Hexachlorobutadiene	0.0216	0.0020	mg/Kg wet	0.0200		108	70-160	6.60	25	
2-Hexanone (MBK)	0.168	0.020	mg/Kg wet	0.200		84.2	70-160	2.94	25	†
Isopropylbenzene (Cumene)	0.0195	0.0020	mg/Kg wet	0.0200		97.5	70-130	4.62	25	
p-Isopropyltoluene (p-Cymene)	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130	4.33	25	
Methyl tert-Butyl Ether (MTBE)	0.0188	0.0040	mg/Kg wet	0.0200		94.2	70-130	2.47	25	

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 B064340 - SW-846 5035										
LCS Dup (B064340-BSD1)				Prepared & Analyzed: 12/10/12						
Methylene Chloride	0.0141	0.020	mg/Kg wet	0.0200		70.5	40-160	2.44	25	V-05 †
4-Methyl-2-pentanone (MIBK)	0.176	0.020	mg/Kg wet	0.200		88.0	70-160	5.34	25	†
Naphthalene	0.0156	0.0040	mg/Kg wet	0.0200		77.9	40-130	9.97	25	V-05 †
n-Propylbenzene	0.0193	0.0020	mg/Kg wet	0.0200		96.3	70-130	3.70	25	
Styrene	0.0182	0.0020	mg/Kg wet	0.0200		91.0	70-130	6.00	25	
1,1,1,2-Tetrachloroethane	0.0197	0.0020	mg/Kg wet	0.0200		98.6	70-130	3.19	25	
1,1,2,2-Tetrachloroethane	0.0182	0.0010	mg/Kg wet	0.0200		91.2	70-130	2.11	25	
Tetrachloroethylene	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130	4.86	25	
Tetrahydrofuran	0.0203	0.010	mg/Kg wet	0.0200		101	70-130	0.591	25	V-16
Toluene	0.0176	0.0020	mg/Kg wet	0.0200		87.8	70-130	6.83	25	
1,2,3-Trichlorobenzene	0.0191	0.0020	mg/Kg wet	0.0200		95.6	70-130	8.85	25	
1,2,4-Trichlorobenzene	0.0191	0.0020	mg/Kg wet	0.0200		95.7	70-130	6.36	25	
1,3,5-Trichlorobenzene	0.0205	0.0020	mg/Kg wet	0.0200		102	70-130	4.09	25	
1,1,1-Trichloroethane	0.0197	0.0020	mg/Kg wet	0.0200		98.3	70-130	3.41	25	
1,1,2-Trichloroethane	0.0184	0.0020	mg/Kg wet	0.0200		92.2	70-130	5.57	25	
Trichloroethylene	0.0185	0.0020	mg/Kg wet	0.0200		92.4	70-130	6.83	25	
Trichlorofluoromethane (Freon 11)	0.0176	0.010	mg/Kg wet	0.0200		87.8	70-130	4.07	25	
1,2,3-Trichloropropane	0.0190	0.0020	mg/Kg wet	0.0200		95.2	70-130	4.07	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0211	0.010	mg/Kg wet	0.0200		106	70-130	4.06	25	
1,2,4-Trimethylbenzene	0.0188	0.0020	mg/Kg wet	0.0200		93.8	70-130	2.92	25	
1,3,5-Trimethylbenzene	0.0189	0.0020	mg/Kg wet	0.0200		94.7	70-130	4.09	25	
Vinyl Chloride	0.0149	0.010	mg/Kg wet	0.0200		74.5	40-130	0.809	25	†
m+p Xylene	0.0382	0.0040	mg/Kg wet	0.0400		95.5	70-130	5.05	25	
o-Xylene	0.0183	0.0020	mg/Kg wet	0.0200		91.6	70-130	3.78	25	
Surrogate: 1,2-Dichloroethane-d4	0.0430		mg/Kg wet	0.0500		86.0	70-130			
Surrogate: Toluene-d8	0.0499		mg/Kg wet	0.0500		99.8	70-130			
Surrogate: 4-Bromofluorobenzene	0.0480		mg/Kg wet	0.0500		96.0	70-130			

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

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 B064305 - SW-846 5030B

Blank (B064305-BLK1)

Prepared & Analyzed: 12/10/12

No TICs Found	0.0		µg/L							

Batch B064340 - SW-846 5035

Blank (B064340-BLK1)

Prepared & Analyzed: 12/10/12

No TICs Found	0.0		mg/Kg wet							

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

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 B064296 - % Solids
Duplicate (B064296-DUP1)
Source: 12L0266-02

Prepared: 12/08/12 Analyzed: 12/10/12

% Solids	90.0		% Wt		90.2			0.222	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-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.
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
Acrylonitrile	CT,NH,NY,ME,VA
Benzene	CT,NH,NY,ME,VA
Bromobenzene	NH,NY,ME,VA
Bromochloromethane	NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromoform	CT,NH,NY,ME,VA
Bromomethane	CT,NH,NY,ME,VA
2-Butanone (MEK)	CT,NH,NY,ME,VA
n-Butylbenzene	CT,NH,NY,ME,VA
sec-Butylbenzene	CT,NH,NY,ME,VA
tert-Butylbenzene	CT,NH,NY,ME,VA
Carbon Disulfide	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
2-Chlorotoluene	CT,NH,NY,ME,VA
4-Chlorotoluene	CT,NH,NY,ME,VA
Dibromomethane	NH,NY,ME,VA
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA
1,2-Dichloropropane	CT,NH,NY,ME,VA
1,3-Dichloropropane	NH,NY,ME,VA
2,2-Dichloropropane	NH,NY,ME,VA
1,1-Dichloropropene	NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
Ethylbenzene	CT,NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,ME,VA
2-Hexanone (MBK)	CT,NH,NY,ME,VA
Isopropylbenzene (Cumene)	CT,NH,NY,ME,VA
p-Isopropyltoluene (p-Cymene)	NH,NY
Methyl tert-Butyl Ether (MTBE)	NY,VA
Methylene Chloride	CT,NH,NY,ME,VA
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,VA
Naphthalene	NH,NY,ME,VA
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
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
Tetrachloroethylene	CT,NH,NY,ME,VA
Toluene	CT,NH,NY,ME,VA
1,2,3-Trichlorobenzene	ME
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,3,5-Trichlorobenzene	ME
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,2,4-Trimethylbenzene	CT,NH,NY,ME,VA
1,3,5-Trimethylbenzene	CT,NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA
m+p Xylene	CT,NH,NY,ME,VA
o-Xylene	CT,NH,NY,ME,VA
<i>SW-846 8260C in Water</i>	
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

CERTIFICATIONS

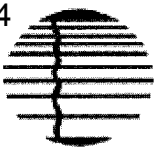
Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Water</i>	
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
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

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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

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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 3

Company Name: **CDM SMITH**

Address: **11 BRITISH AMERICAN BLVD**

Telephone: **518-762-4500**

Project # **0897-915238**

Client PO# **0897-915238**

Attention: **HEATHER HAUET**

Project Location: **BUFFALO, NY**

Sampled By: **MEGHAN MARRAS & KATELYN REEMER**

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

DATA DELIVERY (check all that apply)
☐ FAX ☒ EMAIL ☐ WEBSITE
Fax #
Email: **HAUETH@cdsmm.com**

Format:
☒ PDF ☒ EXCEL ☐ GIS
☒ OTHER **MNOE GMB & BDO**

Collection
☐ "Enhanced Data Package"

Con-Test Lab ID (Laboratory use only)	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	*Matrix	Flame Color										
-01	TR-1 / TRIP BLANK	12/7/12 1040	---		X	O	C										
-02	B-16 (12-14') / FIELD	12/7/12 1155	---		X	S	L										
-03	B-24 (0-4') / FIELD	12/5/12 1238	---		X	S	L										
-04	B-17 (8-10') / FIELD	12/5/12 1346	---		X	S	L										
-05	B-18 (6-8') / FIELD	12/6/12 1030	---		X	S	L										
-06	B-23 (0-2') / FIELD	12/7/12 0940	---		X	S	L										
-07	B-20 (12-14') / FIELD	12/7/12 0944	---		X	S	L										
-08	B-20 (0-2') / FIELD	12/7/12 0800	---		X	S	L										

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

2	1	3	1															
V	V	V	G															
B	M	H	I															

ANALYSIS REQUESTED

***Container Code
of Containers
** Preservation
***Container Code

Dissolved Metal
☐ Field Filtered
☒ Lab to Filter

***Cont. Code:
A=amber glass
G=glass
P=plastic
ST=sterile
V=Vial

S=Summa can
T=tedlar bag
O=Other

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

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

Is your project MCP or RCP?

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



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WBE/DBE Certified

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Shipment Options Help Hold at FedEx Location Hold at FedEx Location service is not available for this shipment.																																	
Shipment Facts Help <table border="1"> <tr> <td>Service type</td> <td>Priority Overnight</td> <td>Delivered to</td> <td>Shipping/Receiving</td> </tr> <tr> <td>Weight</td> <td>28.0 lbs/12.7 kg</td> <td></td> <td></td> </tr> </table>		Service type	Priority Overnight	Delivered to	Shipping/Receiving	Weight	28.0 lbs/12.7 kg																										
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Shipment Travel History Help Select time zone: Local Scan Time All shipment travel activity is displayed in local time for the location <table border="1"> <thead> <tr> <th>Date/Time</th> <th>Activity</th> <th>Location</th> <th>Details</th> </tr> </thead> <tbody> <tr> <td>Dec 8, 2012 9:38 AM</td> <td>Delivered</td> <td></td> <td></td> </tr> <tr> <td>Dec 8, 2012 8:41 AM</td> <td>On FedEx vehicle for delivery</td> <td>WINDSOR LOCKS, CT</td> <td></td> </tr> <tr> <td>Dec 8, 2012 8:06 AM</td> <td>At local FedEx facility</td> <td>WINDSOR LOCKS, CT</td> <td></td> </tr> <tr> <td>Dec 8, 2012 6:33 AM</td> <td>At destination sort facility</td> <td>EAST GRANBY, CT</td> <td></td> </tr> <tr> <td>Dec 8, 2012 3:31 AM</td> <td>Departed FedEx location</td> <td>MEMPHIS, TN</td> <td></td> </tr> <tr> <td>Dec 7, 2012 11:02 PM</td> <td>Arrived at FedEx location</td> <td>MEMPHIS, TN</td> <td></td> </tr> <tr> <td>Dec 7, 2012 1:14 PM</td> <td>Picked up</td> <td>CHEEKTOWAGA, NY</td> <td>Tendered at FedEx Office</td> </tr> </tbody> </table>		Date/Time	Activity	Location	Details	Dec 8, 2012 9:38 AM	Delivered			Dec 8, 2012 8:41 AM	On FedEx vehicle for delivery	WINDSOR LOCKS, CT		Dec 8, 2012 8:06 AM	At local FedEx facility	WINDSOR LOCKS, CT		Dec 8, 2012 6:33 AM	At destination sort facility	EAST GRANBY, CT		Dec 8, 2012 3:31 AM	Departed FedEx location	MEMPHIS, TN		Dec 7, 2012 11:02 PM	Arrived at FedEx location	MEMPHIS, TN		Dec 7, 2012 1:14 PM	Picked up	CHEEKTOWAGA, NY	Tendered at FedEx Office
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East Longmeadow, MA. 01028
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Sample Receipt Checklist

CLIENT NAME: CDM Smith RECEIVED BY: CEC DATE: 12/8/12

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

2) Does the chain agree with the samples?

Yes No

If not, explain:

3) Are all the samples in good condition?

Yes No

If not, explain:

4) How were the samples received:

On Ice ☒ Direct from Sampling ☐ Ambient ☐ In Cooler(s) ☒

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

Temperature °C by Temp blank 2.0 Temperature °C by Temp gun _____

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>7</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>24</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 3 # Methanol 7

Doc# 277 # Bisulfate 14 # DI Water _____

Rev. 3 May 2012 # Thiosulfate _____ Unpreserved _____

Time and Date Frozen:

VOA

VOLATILES SAMPLE DATA

1 - FORM I

ANALYSIS DATA SHEET

TB-1

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0266
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Trip Blank Water Laboratory ID: 12L0266-01 File ID: VB345010.D
 Sampled: 12/07/12 10:40 Prepared: 12/10/12 08:23 Analyzed: 12/10/12 10:34
 Solids: Preparation: SW-846 5030B Dilution: 1
 Initial/Final: 5 mL / 5 mL
 Batch: B064305 Sequence: S003565 Calibration: 1200252 Instrument: GCMSVOA2

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	
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	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	V-05

1 - FORM I

ANALYSIS DATA SHEET

TB-1

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266				
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners				
Matrix:	Trip Blank Water	Laboratory ID:	12L0266-01	File ID:	VB345010.D		
Sampled:	12/07/12 10:40	Prepared:	12/10/12 08:23	Analyzed:	12/10/12 10:34		
Solids:		Preparation:	SW-846 5030B	Dilution:	1		
Initial/Final:	5 mL / 5 mL						
Batch:	B064305	Sequence:	S003565	Calibration:	1200252	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	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
98-82-8	Isopropylbenzene (Cumene)		0.060	1.0	

1 - FORM I

ANALYSIS DATA SHEET

TB-1

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0266
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Trip Blank Water Laboratory ID: 12L0266-01 File ID: VB345010.D
 Sampled: 12/07/12 10:40 Prepared: 12/10/12 08:23 Analyzed: 12/10/12 10:34
 Solids: Preparation: SW-846 5030B Dilution: 1
 Initial/Final: 5 mL / 5 mL
 Batch: B064305 Sequence: S003565 Calibration: 1200252 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	5.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	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-1

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0266
Client: CDM Smith, Inc. - NY Project: Doro Cleaners
Matrix: Trip Blank Water Laboratory ID: 12L0266-01 File ID: VB345010.D
Sampled: 12/07/12 10:40 Prepared: 12/10/12 08:23 Analyzed: 12/10/12 10:34
Solids: Preparation: SW-846 5030B Dilution: 1
Initial/Final: 5 mL / 5 mL
Batch: B064305 Sequence: S003565 Calibration: 1200252 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\121012\VB345010.D
 Acq On : 10 Dec 2012 10:34 am
 Sample : 12L0266-01 @ (TB)
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 10 10:54:08 2012

Vial: 10
 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 06:57:32 2012
 Response via : Initial Calibration
 DataAcq Meth:B1108W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.962	168	230340	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.682	114	338660	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.523	82	194182	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.818	152	134957	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	139954	24.10	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	96.40%	
43) TOLUENE-D8 SS	6.121	98	344942	24.39	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	97.56%	
64) 4-BROMOFLUROBENZENE SS	8.683	95	143599	24.37	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	97.48%	
Target Compounds						
7) BROMOMETHANE	1.305	94	543	Below	Cal #	2
17) IODOMETHANE	1.999	142	587	Below	Cal	91

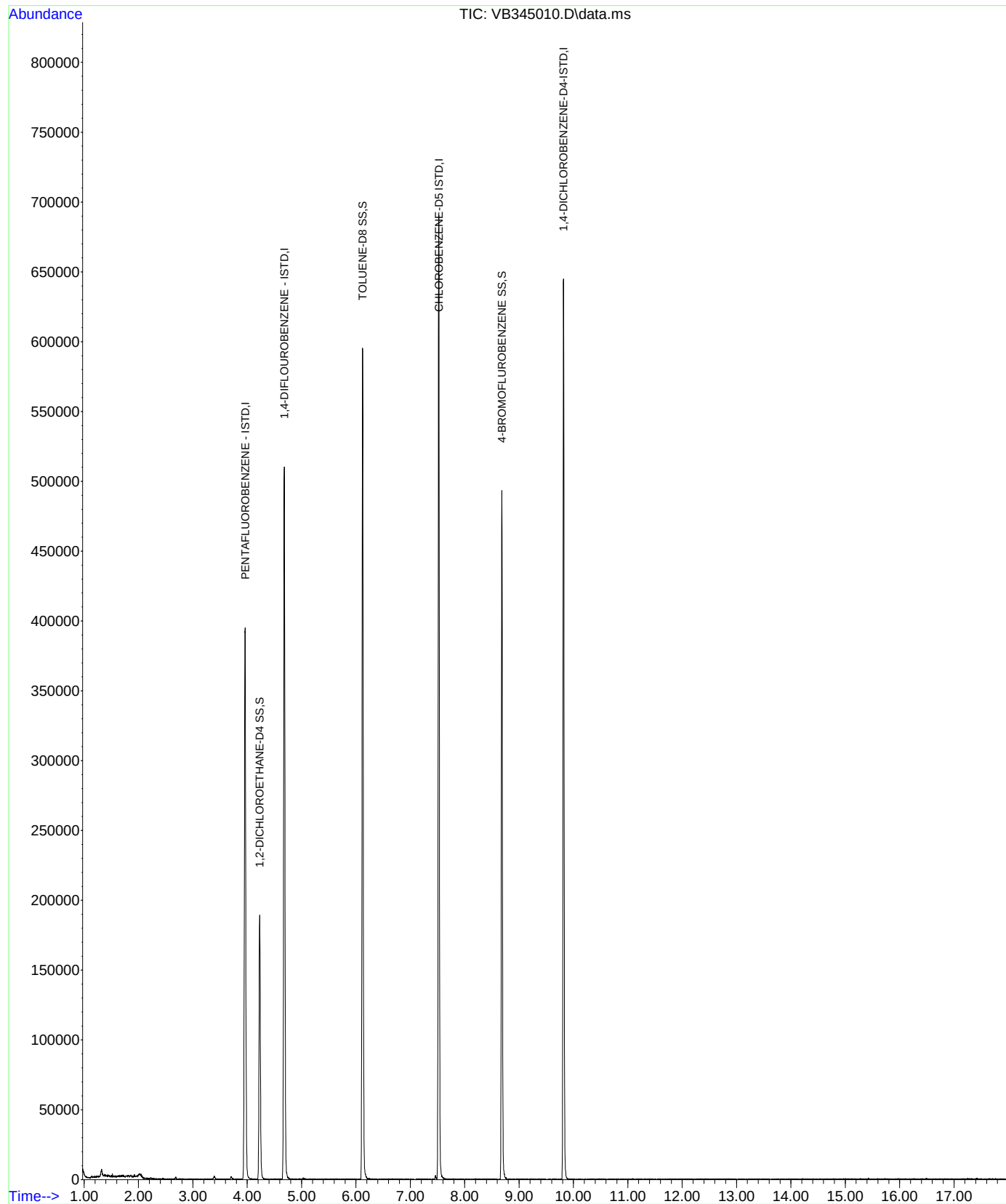
(#) = qualifier out of range (m) = manual integration (+) = signals summed

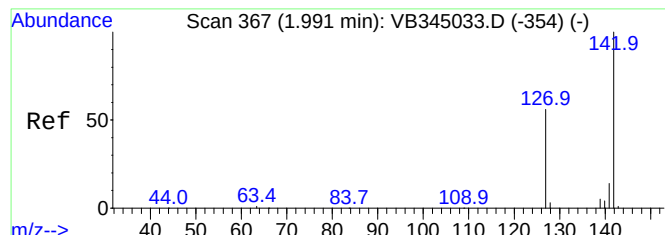
Data File : W:\DATA\121012\VB345010.D
Acq On : 10 Dec 2012 10:34 am
Sample : 12L0266-01 @ (TB)
InstName : GCMSV0A2
Misc :
Quant Time: Dec 10 10:54:08 2012

Vial: 10
Operator:
Inst : GCMSV0A2
Multiplr: 1.00

64

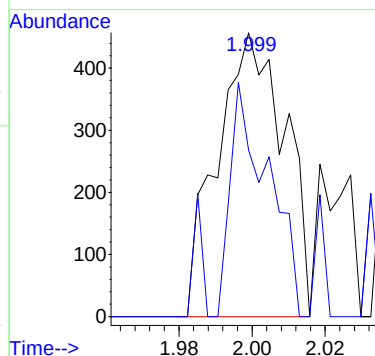
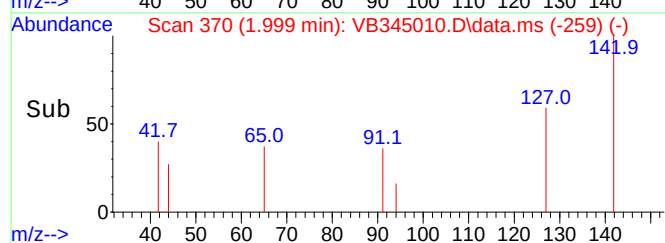
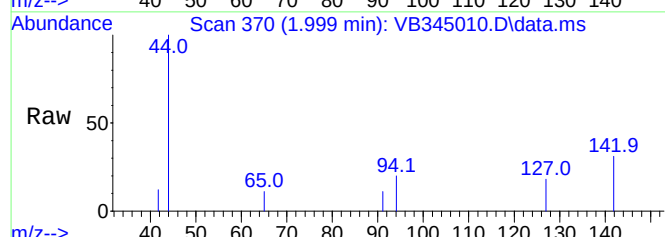
Quant Method : C:\MSDCHEM\1\METHODS\B1206W12.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Dec 07 06:57:32 2012
Response via : Initial Calibration
DataAcq Meth:B1108W12.M





#17
IODOMETHANE
Concen: Below Cal
RT: 1.999 min Scan# 370
Delta R.T. 0.009 min
Lab File: VB345010.D
Acq: 10 Dec 2012 10:34 am

Tgt Ion:142 Resp: 587
Ion Ratio Lower Upper
142 100
127 46.5 42.4 63.6



Data Path : W:\DATA\121012\
 Data File : VB345010.D
 Acq On : 10 Dec 2012 10:34 am
 Operator :
 Sample : 12L0266-01 @ (TB)
 Misc :
 ALS Vial : 10 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\B1206W12.M
 Title : 8260 CALIBRATION VOAMS 5973

Signal : TIC: VB345010.D

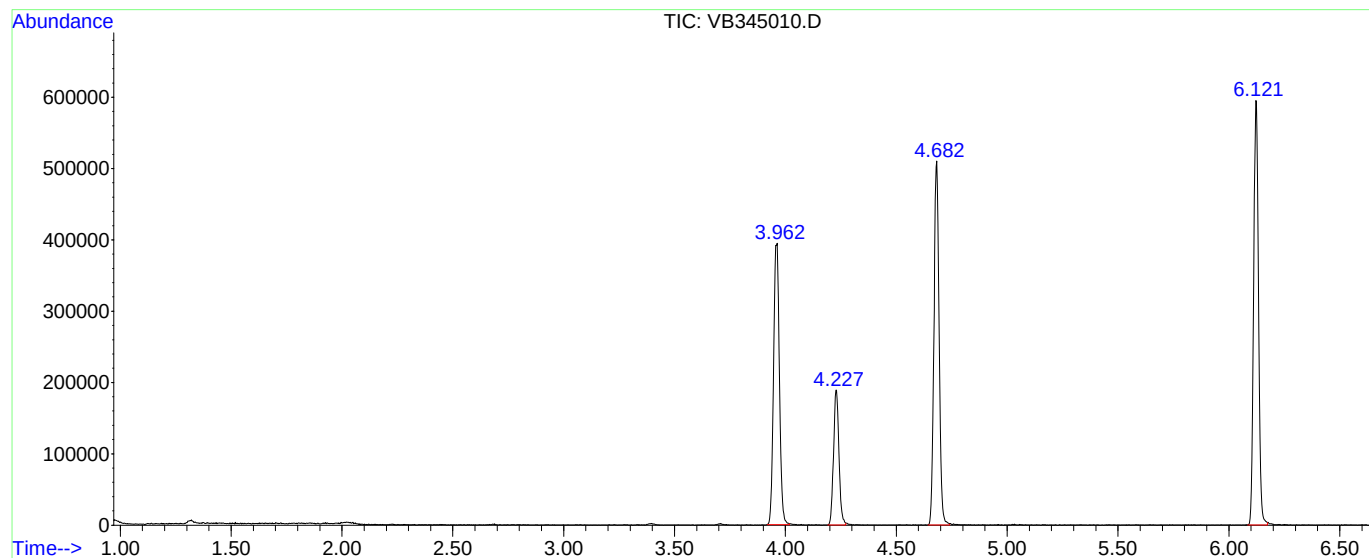
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.962	1058	1074	1094	rBV	394740	707650	72.90%	13.536%
2	4.227	1156	1169	1185	rBV	189073	320099	32.98%	6.123%
3	4.682	1318	1332	1353	rBV	509988	809458	83.39%	15.483%
4	6.121	1835	1848	1867	rBV	595153	890137	91.70%	17.026%
5	7.523	2338	2351	2369	rBV	690356	970720	100.00%	18.568%
6	8.683	2755	2767	2787	rBV	493434	664263	68.43%	12.706%
7	9.818	3162	3174	3196	rBV	644933	865660	89.18%	16.558%

Sum of corrected areas: 5227987

Data Path : W:\DATA\121012\
Data File : VB345010.D
Acq On : 10 Dec 2012 10:34 am
Operator :
Sample : 12L0266-01 @ (TB)
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : C:\MSDCHEM\1\METHODS\B1206W12.M
Quant Title : 8260 CALIBRATION VOAMS 5973

TIC Library : C:\DATABASE\NIST05.L
TIC Integration Parameters: LSCINT.P



Data Path : W:\DATA\121012\
Data File : VB345010.D
Acq On : 10 Dec 2012 10:34 am
Operator :
Sample : 12L0266-01 @ (TB)
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : C:\MSDCHEM\1\METHODS\B1206W12.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\121012\
Data File : VB345010.D
Acq On : 10 Dec 2012 10:34 am
Operator :
Sample : 12L0266-01 @ (TB)
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Method : C:\MSDCHEM\1\METHODS\B1206W12.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

B-16 (12-14ft)

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0266
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: 12L0266-02 File ID: VA345012.D
 Sampled: 12/07/12 11:55 Prepared: 12/10/12 05:45 Analyzed: 12/10/12 09:59
 Solids: 90.20 Preparation: SW-846 5035 Dilution: 1
 Initial/Final: 5.11 g / 10 mL
 Batch: B064340 Sequence: S003568 Calibration: 1200210 Instrument: GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone		0.025	0.11	V-05, 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	0.0022	
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-16 (12-14ft)

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266				
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners				
Matrix:	Soil	Laboratory ID:	12L0266-02	File ID:	VA345012.D		
Sampled:	12/07/12 11:55	Prepared:	12/10/12 05:45	Analyzed:	12/10/12 09:59		
Solids:	90.20	Preparation:	SW-846 5035	Dilution:	1		
Initial/Final:	5.11 g / 10 mL						
Batch:	B064340	Sequence:	S003568	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	V-05
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	0.035	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		0.062	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-16 (12-14ft)

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266				
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners				
Matrix:	Soil	Laboratory ID:	12L0266-02	File ID:	VA345012.D		
Sampled:	12/07/12 11:55	Prepared:	12/10/12 05:45	Analyzed:	12/10/12 09:59		
Solids:	90.20	Preparation:	SW-846 5035	Dilution:	1		
Initial/Final:	5.11 g / 10 mL						
Batch:	B064340	Sequence:	S003568	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	V-05
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0082	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	0.087	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	0.0030	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-16 (12-14ft)

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266				
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners				
Matrix:	Soil	Laboratory ID:	12L0266-02	File ID:	VA345012.D		
Sampled:	12/07/12 11:55	Prepared:	12/10/12 05:45	Analyzed:	12/10/12 09:59		
Solids:	90.20	Preparation:	SW-846 5035	Dilution:	1		
Initial/Final:	5.11 g / 10 mL						
Batch:	B064340	Sequence:	S003568	Calibration:	1200210	Instrument:	GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
95-47-6	o-Xylene		0.00076	0.0022	
	No TICs Found	0.0			

Data File : V:\DATA\121012\VA345012.D
 Acq On : 10 Dec 2012 9:59 am
 Sample : 12L0266-02
 InstName : GCMSVOA1
 Misc :
 Quant Time: Dec 10 10:15:20 2012

Vial: 12
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

74

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	976914	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.521	114	1344365	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.053	117	1256818	30.00	UG/L	0.00
86) 1,4-DICHLOROBENZENE-D4...	9.009	152	681971	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.095	65	302027	22.44	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	89.76%	
48) TOLUENE SS	5.829	98	1340722	24.76	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	99.04%	
69) 4-BROMOFLUROBENZENE SS	8.046	95	475448	23.44	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	93.76%	
Target Compounds						
						Qvalue
6) VINYL CHLORIDE	1.132	62	20551	0.981	UG/L	96
12) ACETONE	1.839	58	2420	2.883	UG/L	# 67
21) METHYLENE CHLORIDE	2.142	49	28702	Below	Cal	92
24) TRANS 1,2-DICHLOROETHENE	2.354	96	1899	0.126	UG/L	# 78
31) CIS-1,2-DICHLOROETHENE	3.300	96	247998	16.190	UG/L	87
40) CYCLOHEXANE	3.839	56	21133	Below	Cal	# 45
44) BENZENE	4.151	78	12446m	0.214	UG/L	
47) METHYLCYCLOHEXANE	4.919	83	8969	0.397	UG/L	# 71
50) TRICHLOROETHENE	4.749	95	20995	1.381	UG/L	95
59) TOLUENE	5.884	92	18240	0.464	UG/L	92
64) TETRACHLOROETHENE	6.349	164	534883	39.885	UG/L	96
66) DIBROMOCHLOROMETHANE	6.466	129	185	1.816	UG/L	# 9
73) M/P-XYLENES	7.281	106	9574	0.333	UG/L	96
74) O-XYLENE	7.612	106	3825	0.135	UG/L	76
88) 1,2,4-TRIMETHYLBENZENE	8.733	105	7852	0.148	UG/L	98

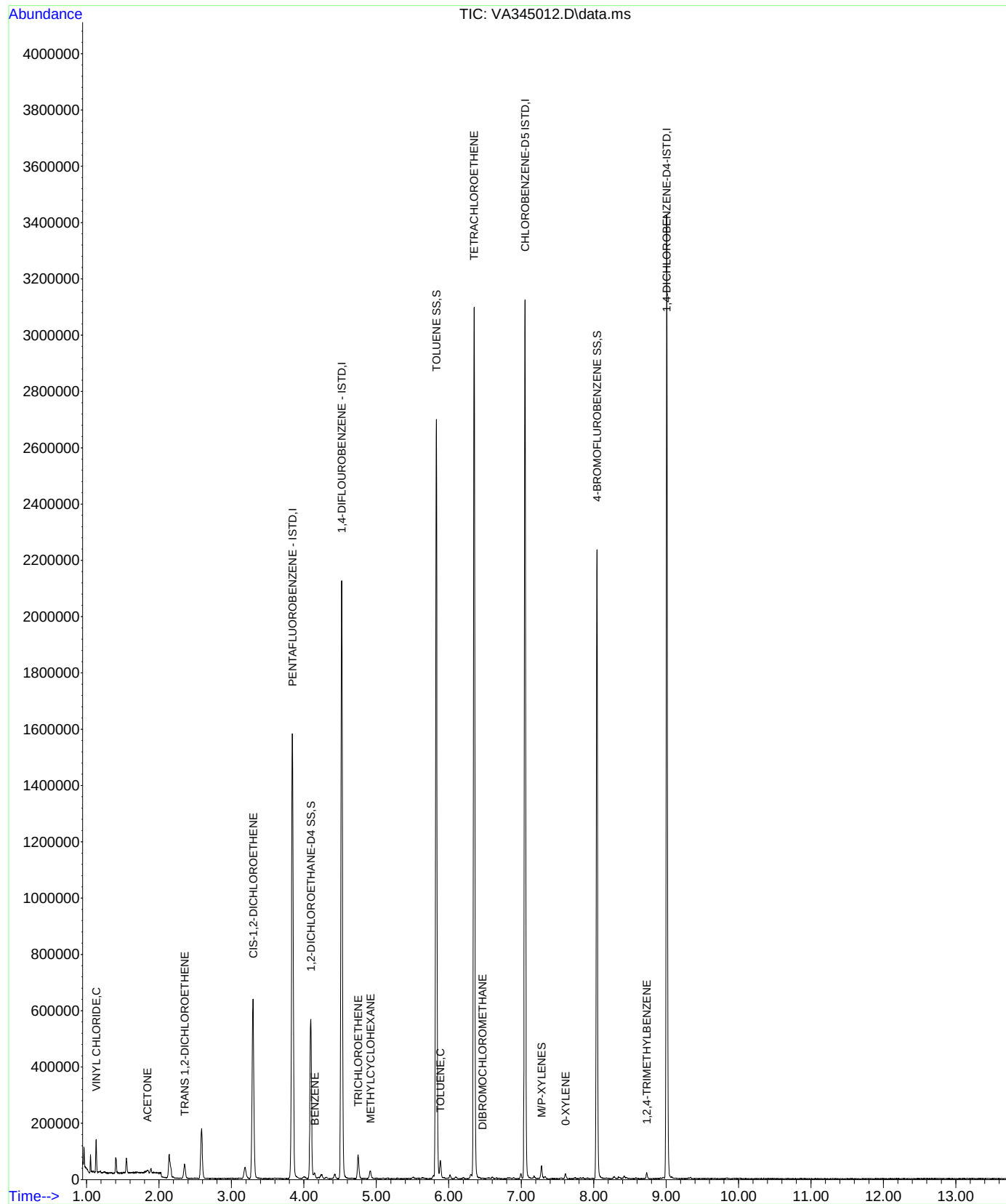
(#) = qualifier out of range (m) = manual integration (+) = signals summed

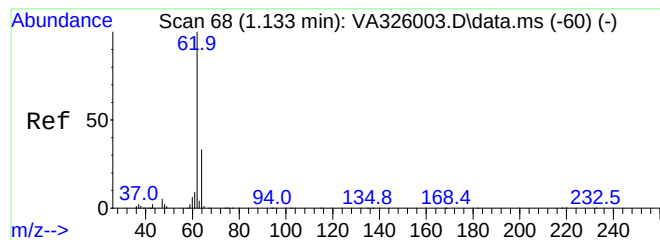
Data File : V:\DATA\121012\VA345012.D
Acq On : 10 Dec 2012 9:59 am
Sample : 12L0266-02
InstName : GCMSV0A1
Misc :
Quant Time: Dec 10 10:15:20 2012

Vial: 12
Operator: MFF
Inst : GCMSV0A1
Multiplr: 1.00

75

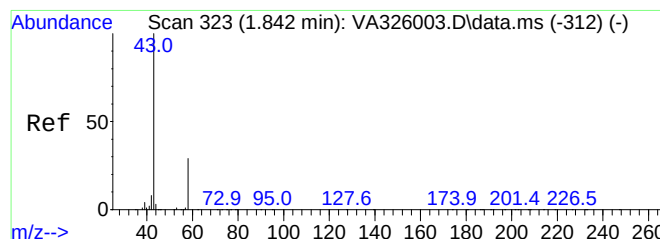
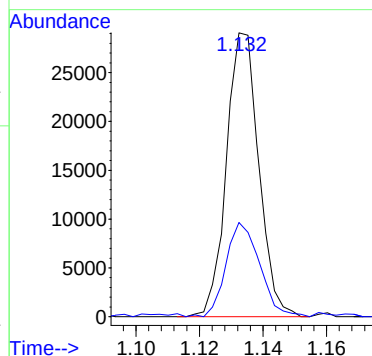
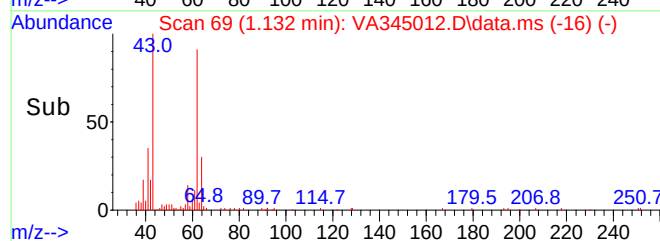
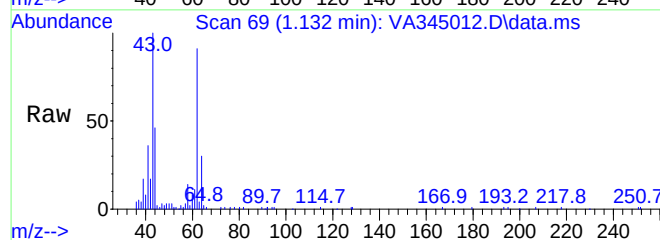
Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Mon Nov 12 13:10:19 2012
Response via : Initial Calibration
DataAcq Meth:821205S8





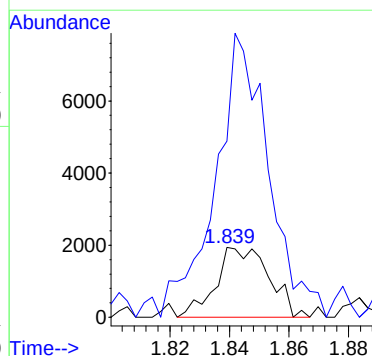
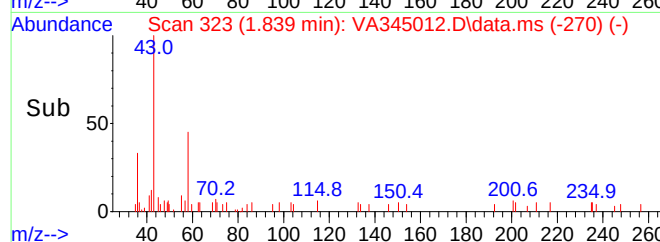
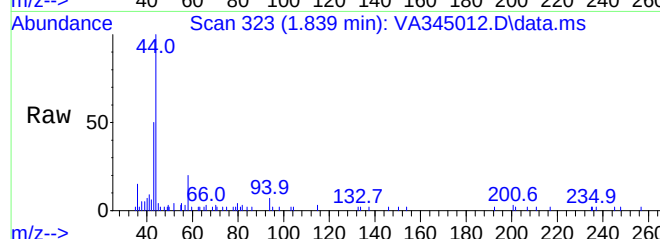
#6
 VINYL CHLORIDE
 Concen: 0.98 UG/L
 RT: 1.132 min Scan# 69
 Delta R.T. -0.001 min
 Lab File: VA345012.D
 Acq: 10 Dec 2012 9:59 am

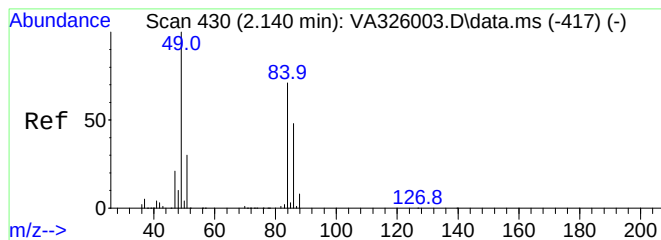
Tgt Ion: 62 Resp: 20551
 Ion Ratio Lower Upper
 62 100
 64 34.5 25.8 38.6



#12
 ACETONE
 Concen: 2.88 UG/L
 RT: 1.839 min Scan# 323
 Delta R.T. -0.003 min
 Lab File: VA345012.D
 Acq: 10 Dec 2012 9:59 am

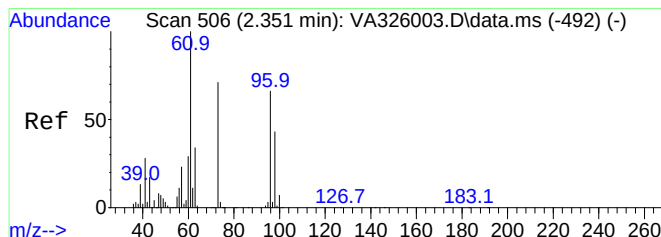
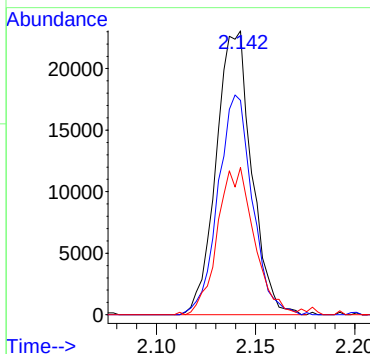
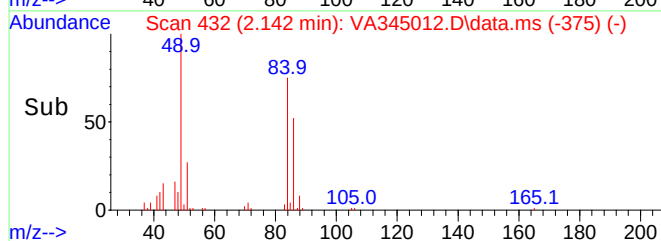
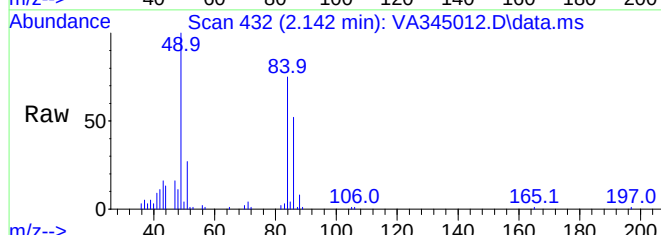
Tgt Ion: 58 Resp: 2420
 Ion Ratio Lower Upper
 58 100
 43 411.3 273.3 409.9#





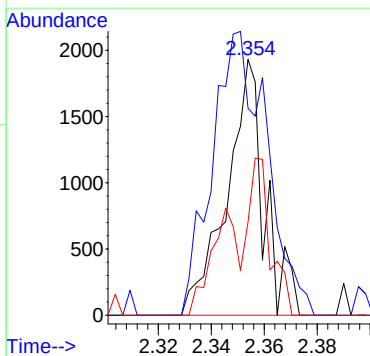
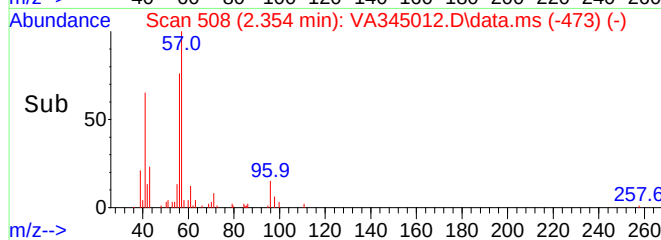
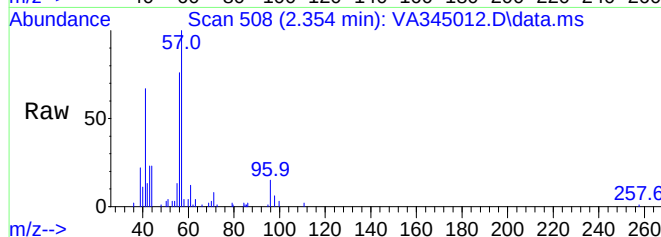
#21
METHYLENE CHLORIDE
Concen: Below Cal
RT: 2.142 min Scan# 432
Delta R.T. 0.005 min
Lab File: VA345012.D
Acq: 10 Dec 2012 9:59 am

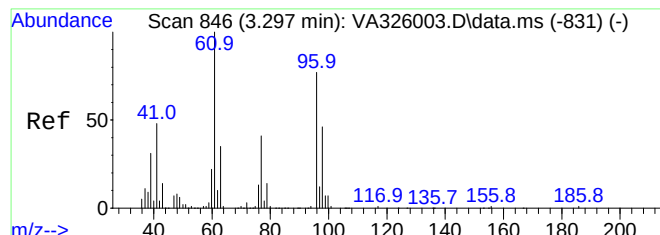
Tgt Ion: 49 Resp: 28702
Ion Ratio Lower Upper
49 100
84 75.1 55.8 83.8
86 53.6 37.3 55.9



#24
TRANS 1,2-DICHLOROETHENE
Concen: 0.13 UG/L
RT: 2.354 min Scan# 508
Delta R.T. 0.003 min
Lab File: VA345012.D
Acq: 10 Dec 2012 9:59 am

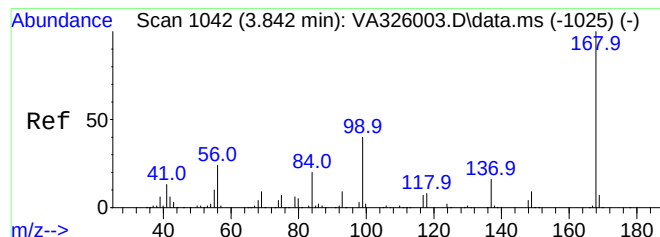
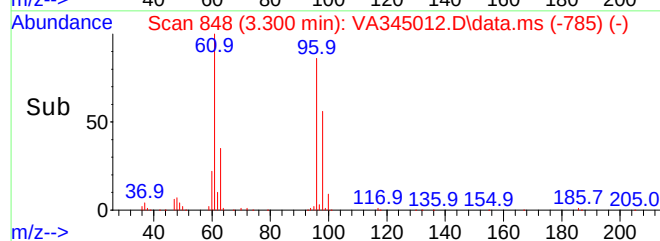
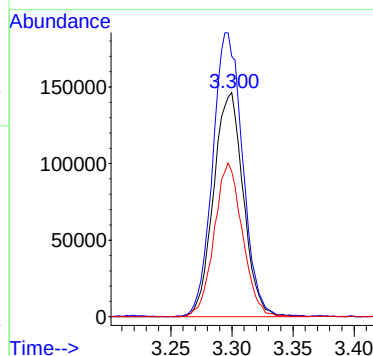
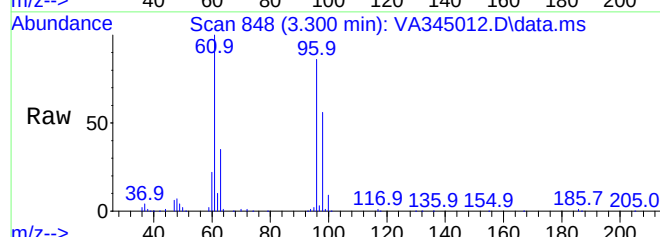
Tgt Ion: 96 Resp: 1899
Ion Ratio Lower Upper
96 100
61 161.2 113.4 170.2
98 36.4 50.7 76.1#





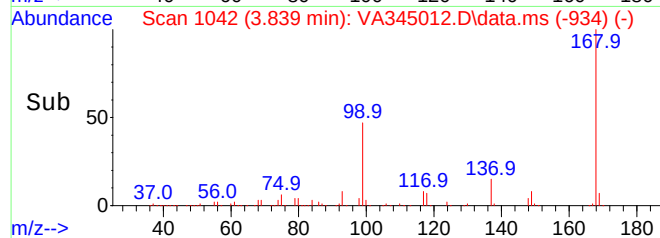
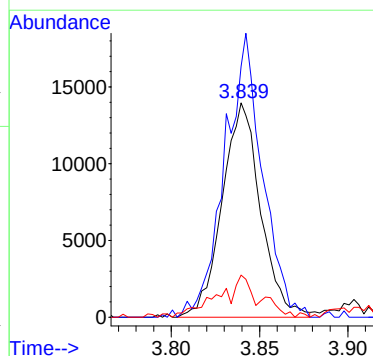
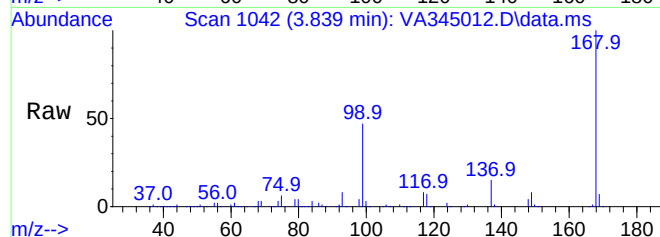
#31
CIS-1,2-DICHLOROETHENE
Concen: 16.19 UG/L
RT: 3.300 min Scan# 848
Delta R.T. 0.005 min
Lab File: VA345012.D
Acq: 10 Dec 2012 9:59 am

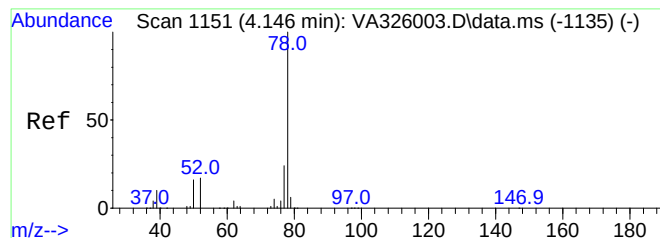
Tgt Ion: 96 Resp: 247998
Ion Ratio Lower Upper
96 100
61 127.5 121.8 182.6
98 65.2 52.2 78.2



#40
CYCLOHEXANE
Concen: Below Cal
RT: 3.839 min Scan# 1042
Delta R.T. -0.001 min
Lab File: VA345012.D
Acq: 10 Dec 2012 9:59 am

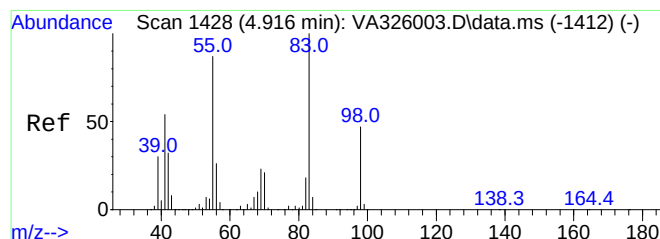
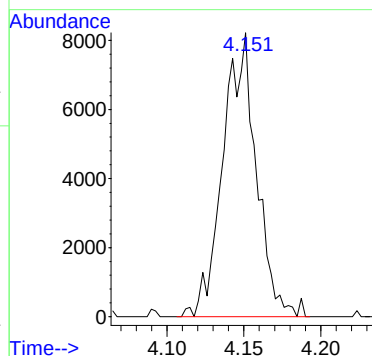
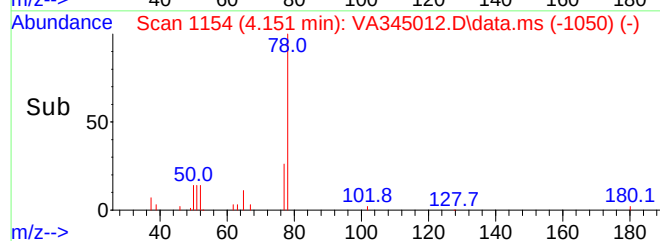
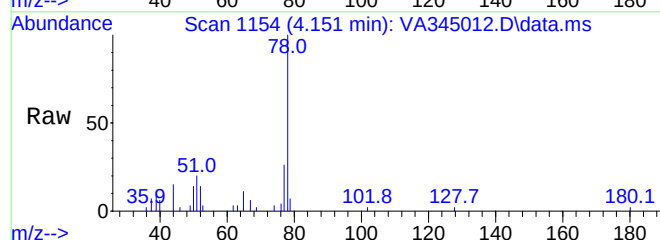
Tgt Ion: 56 Resp: 21133
Ion Ratio Lower Upper
56 100
84 130.3 64.5 96.7#
41 16.4 44.6 67.0#





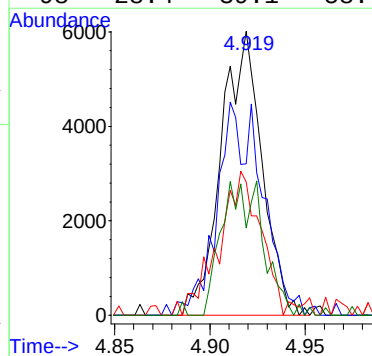
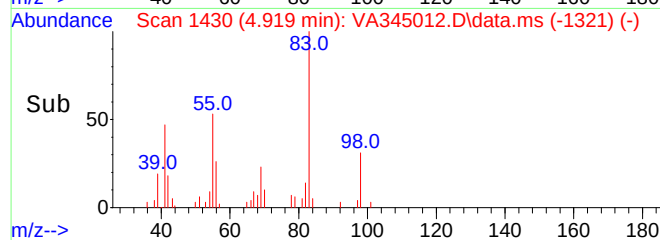
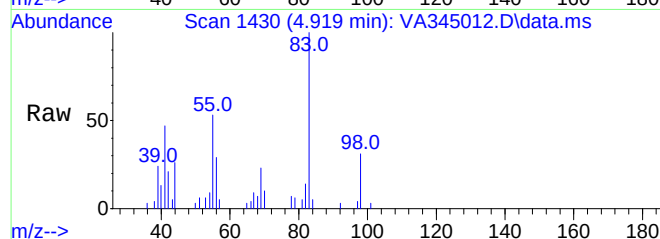
#44
 BENZENE
 Concen: 0.21 UG/L m
 RT: 4.151 min Scan# 1154
 Delta R.T. 0.005 min
 Lab File: VA345012.D
 Acq: 10 Dec 2012 9:59 am

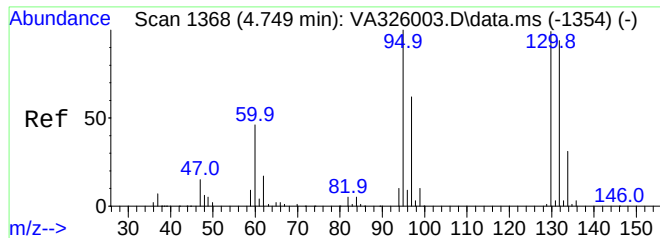
Tgt Ion: 78 Resp: 12446



#47
 METHYLCYCLOHEXANE
 Concen: 0.40 UG/L
 RT: 4.919 min Scan# 1430
 Delta R.T. 0.002 min
 Lab File: VA345012.D
 Acq: 10 Dec 2012 9:59 am

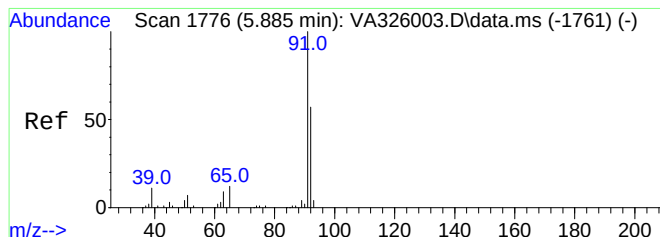
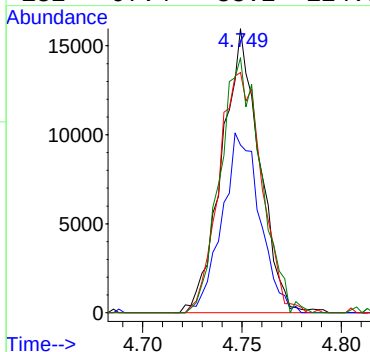
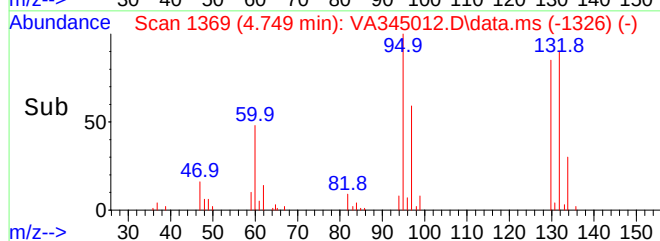
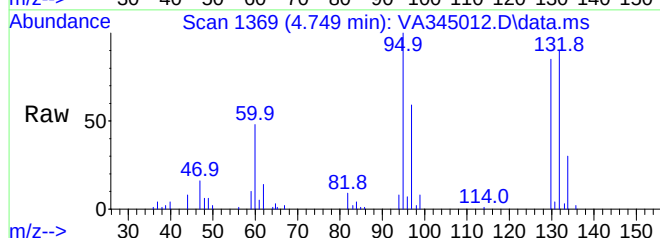
Tgt Ion: 83 Resp: 8969
 Ion Ratio Lower Upper
 83 100
 55 45.0 68.9 103.3#
 41 53.1 41.3 61.9
 98 28.4 39.1 58.7#





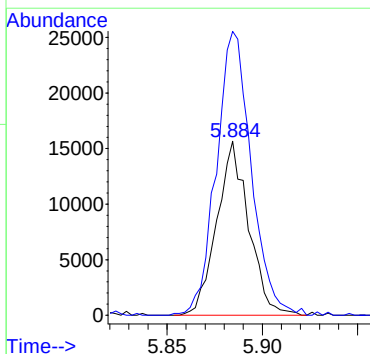
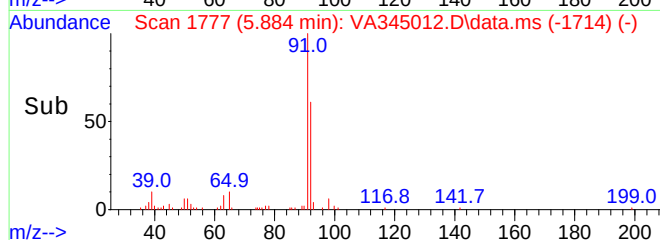
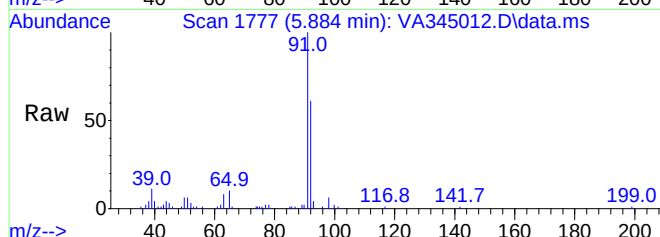
#50
TRICHLOROETHENE
Concen: 1.38 UG/L
RT: 4.749 min Scan# 1369
Delta R.T. 0.002 min
Lab File: VA345012.D
Acq: 10 Dec 2012 9:59 am

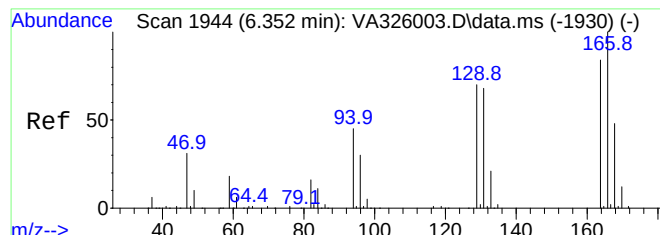
Tgt Ion: 95 Resp: 20995
Ion Ratio Lower Upper
95 100
97 63.8 51.3 76.9
130 96.1 82.2 123.4
132 97.4 83.2 124.8



#59
TOLUENE
Concen: 0.46 UG/L
RT: 5.884 min Scan# 1777
Delta R.T. -0.001 min
Lab File: VA345012.D
Acq: 10 Dec 2012 9:59 am

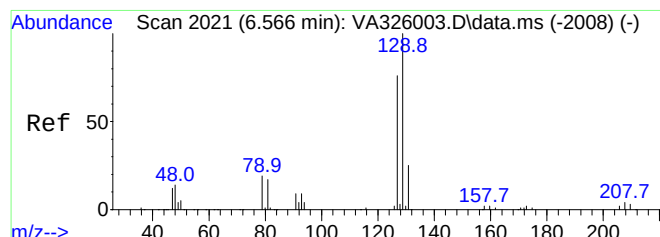
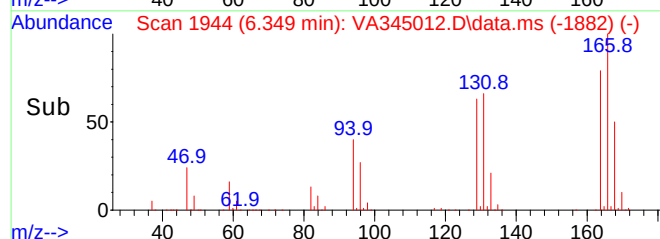
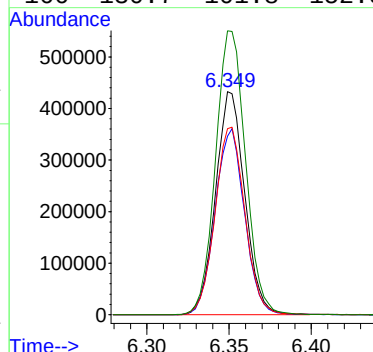
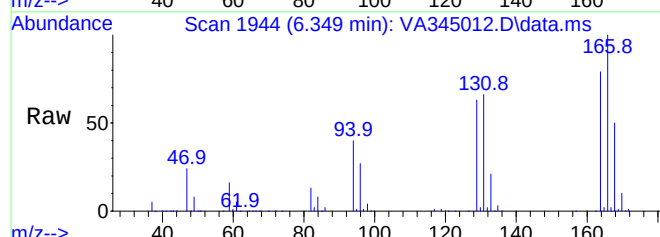
Tgt Ion: 92 Resp: 18240
Ion Ratio Lower Upper
92 100
91 178.4 134.0 201.0





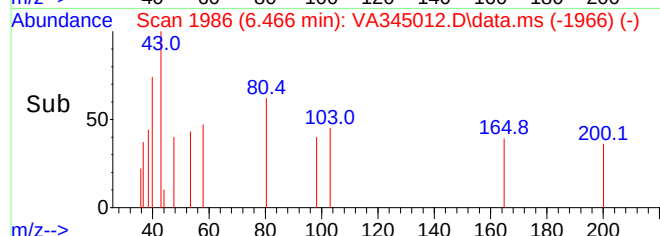
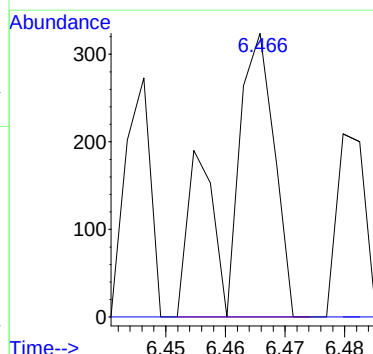
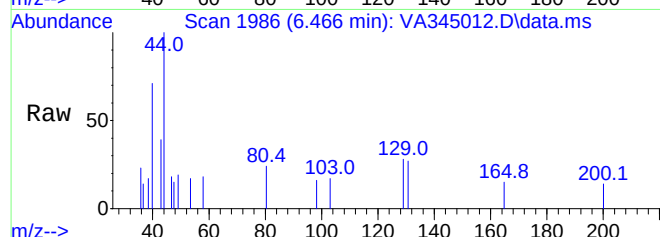
#64
TETRACHLOROETHENE
Concen: 39.89 UG/L
RT: 6.349 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VA345012.D
Acq: 10 Dec 2012 9:59 am

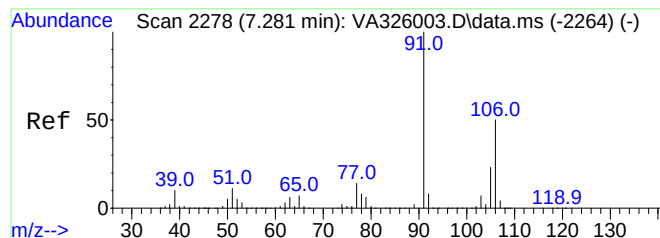
Tgt Ion:164 Resp: 534883
Ion Ratio Lower Upper
164 100
129 84.2 71.4 107.2
131 86.0 70.6 105.8
166 130.7 101.8 152.8



#66
DIBROMOCHLOROMETHANE
Concen: 1.82 UG/L
RT: 6.466 min Scan# 1986
Delta R.T. -0.101 min
Lab File: VA345012.D
Acq: 10 Dec 2012 9:59 am

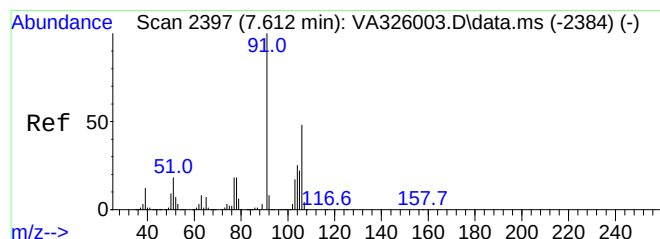
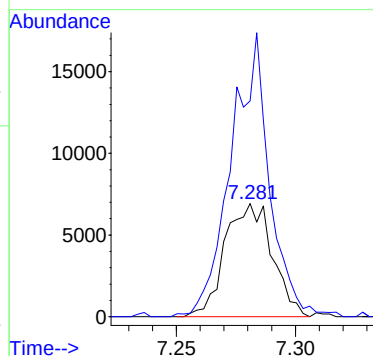
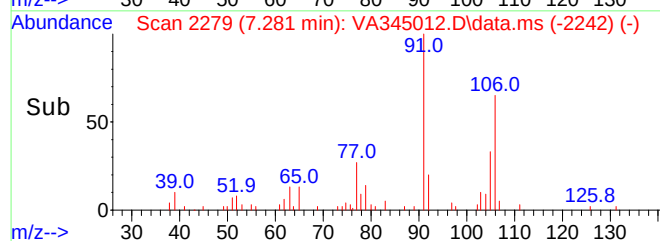
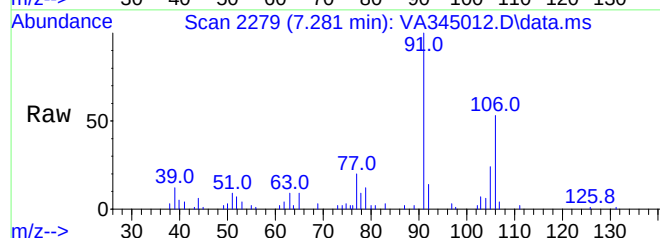
Tgt Ion:129 Resp: 185
Ion Ratio Lower Upper
129 100
127 0.0 63.8 95.8#





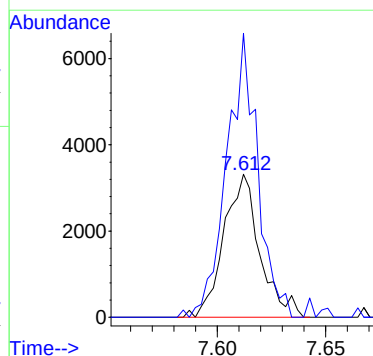
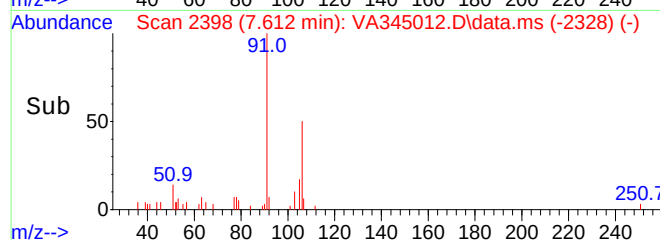
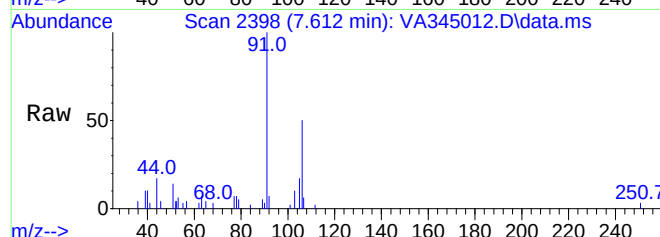
#73
M/P-XYLENES
Concen: 0.33 UG/L
RT: 7.281 min Scan# 2279
Delta R.T. -0.000 min
Lab File: VA345012.D
Acq: 10 Dec 2012 9:59 am

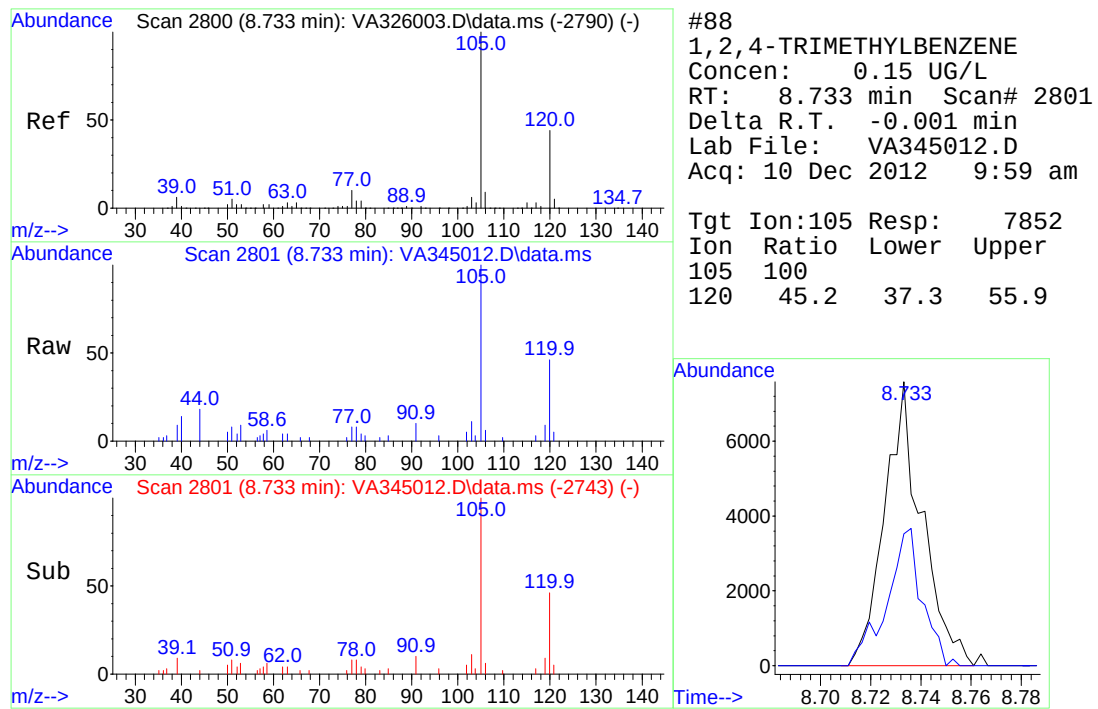
Tgt Ion:106 Resp: 9574
Ion Ratio Lower Upper
106 100
91 203.8 158.6 237.8



#74
O-XYLENE
Concen: 0.13 UG/L
RT: 7.612 min Scan# 2398
Delta R.T. 0.002 min
Lab File: VA345012.D
Acq: 10 Dec 2012 9:59 am

Tgt Ion:106 Resp: 3825
Ion Ratio Lower Upper
106 100
91 171.0 166.9 250.3





Data Path : V:\DATA\121012\
 Data File : VA345012.D
 Acq On : 10 Dec 2012 9:59 am
 Operator : MFF
 Sample : 12L0266-02
 Misc :
 ALS Vial : 12 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: VA345012.D\data.ms

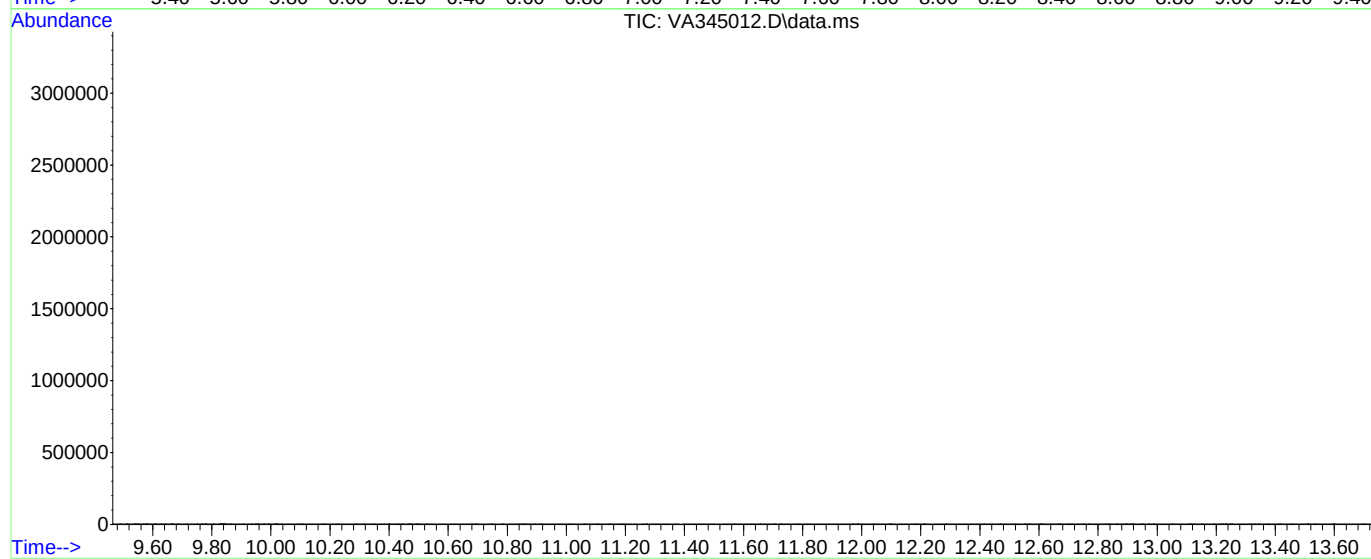
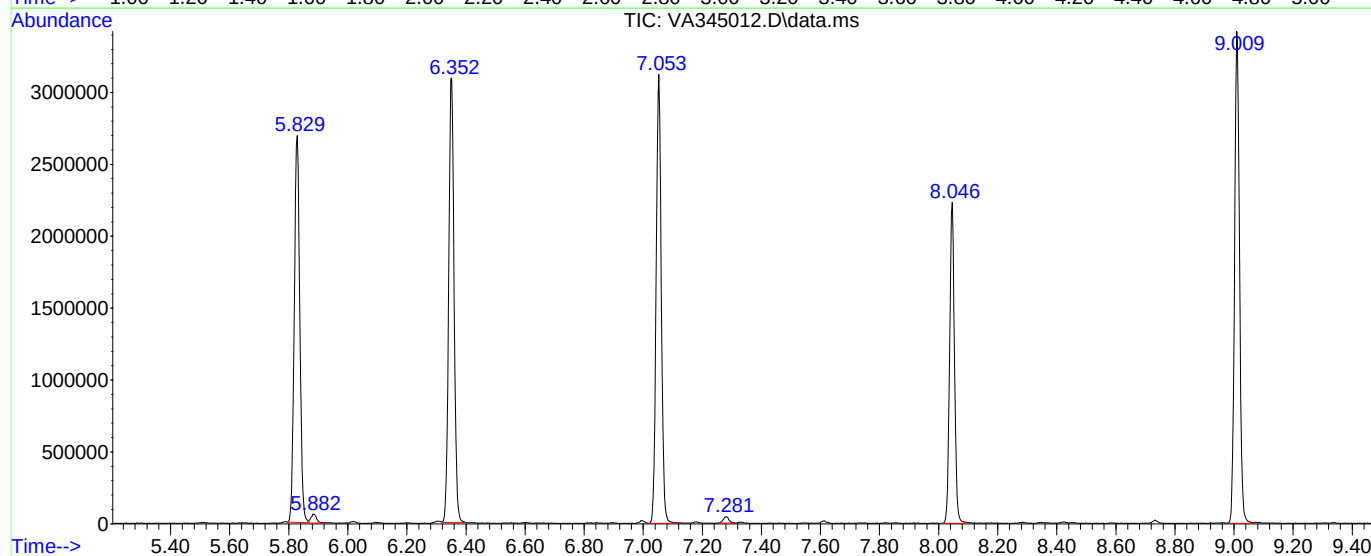
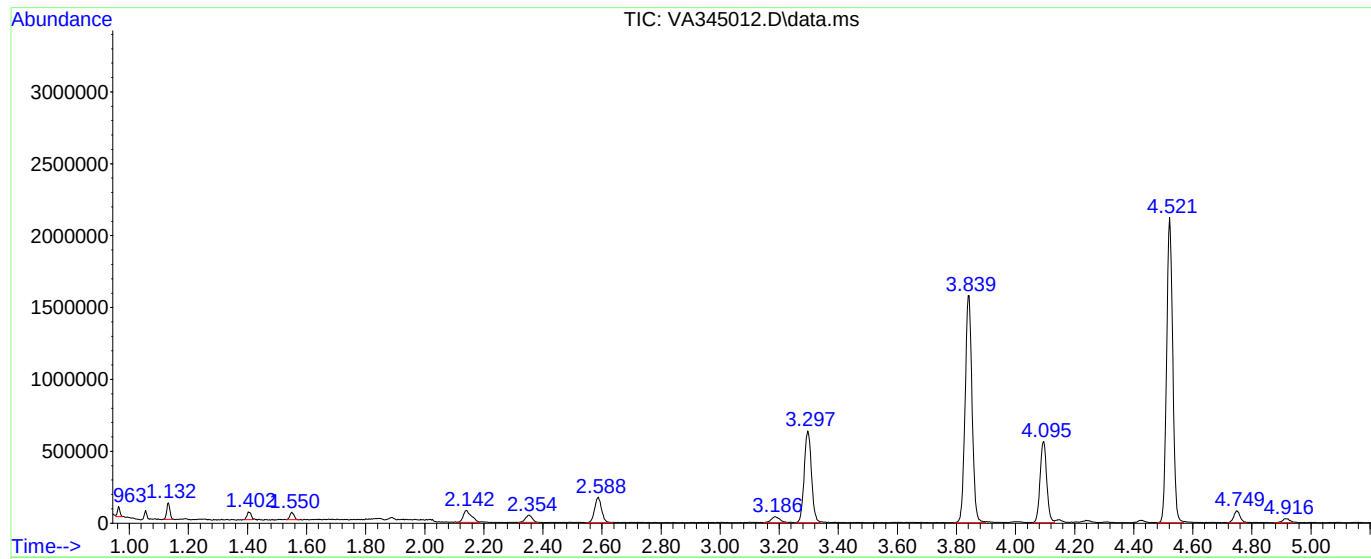
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	0.963	5	8	13	rVB	71331	41892	1.05%	0.159%
2	1.132	64	69	74	rBV2	115927	84772	2.13%	0.321%
3	1.402	161	166	172	rBV4	53984	52830	1.33%	0.200%
4	1.550	212	219	229	rBV	53436	51572	1.29%	0.195%
5	2.142	420	432	448	rBV5	84120	158342	3.98%	0.600%
6	2.354	495	508	519	rBV5	51237	84069	2.11%	0.318%
7	2.588	577	592	609	rBV3	178034	284959	7.15%	1.079%
8	3.186	793	807	822	rBV3	40588	82004	2.06%	0.311%
9	3.297	831	847	862	rBV2	637788	1083049	27.19%	4.101%
10	3.839	1025	1042	1063	rBV	1580756	2562747	64.34%	9.704%
11	4.095	1121	1134	1147	rBV	565981	878803	22.06%	3.328%
12	4.521	1272	1287	1304	rBV	2124948	3061743	76.87%	11.593%
13	4.749	1358	1369	1380	rBV	85009	122891	3.09%	0.465%
14	4.916	1415	1429	1437	rBV7	28637	50842	1.28%	0.193%
15	5.829	1745	1757	1770	rBV	2690010	3480989	87.40%	13.181%
16	5.882	1771	1776	1789	rVB	62126	80434	2.02%	0.305%
17	6.352	1933	1945	1961	rVB2	3090368	3889596	97.66%	14.728%
18	7.053	2184	2197	2216	rBV	3121633	3767885	94.60%	14.267%
19	7.281	2269	2279	2289	rBV3	44662	60108	1.51%	0.228%
20	8.046	2540	2554	2569	rBV	2235416	2546915	63.95%	9.644%
21	9.009	2889	2900	2920	rBV	3422011	3982858	100.00%	15.081%

Sum of corrected areas: 26409300

Data Path : V:\DATA\121012\
Data File : VA345012.D
Acq On : 10 Dec 2012 9:59 am
Operator : MFF
Sample : 12L0266-02
Misc :
ALS Vial : 12 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\121012\
Data File : VA345012.D
Acq On : 10 Dec 2012 9:59 am
Operator : MFF
Sample : 12L0266-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

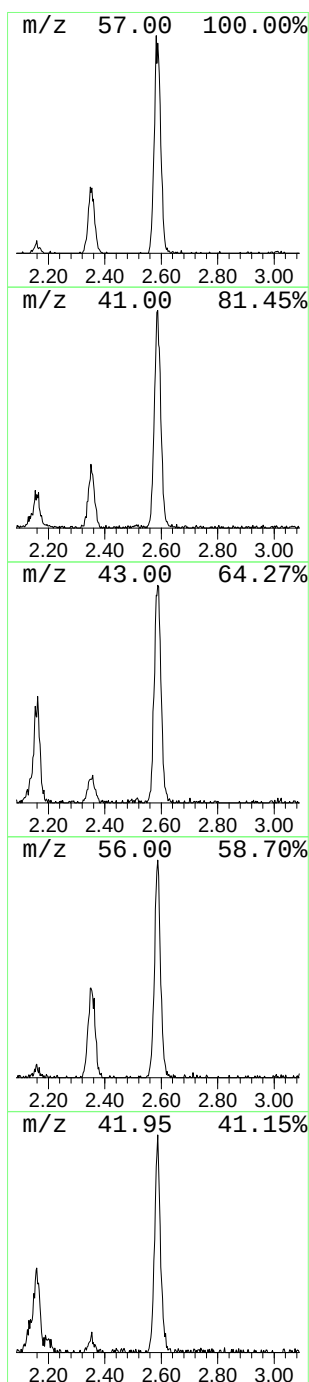
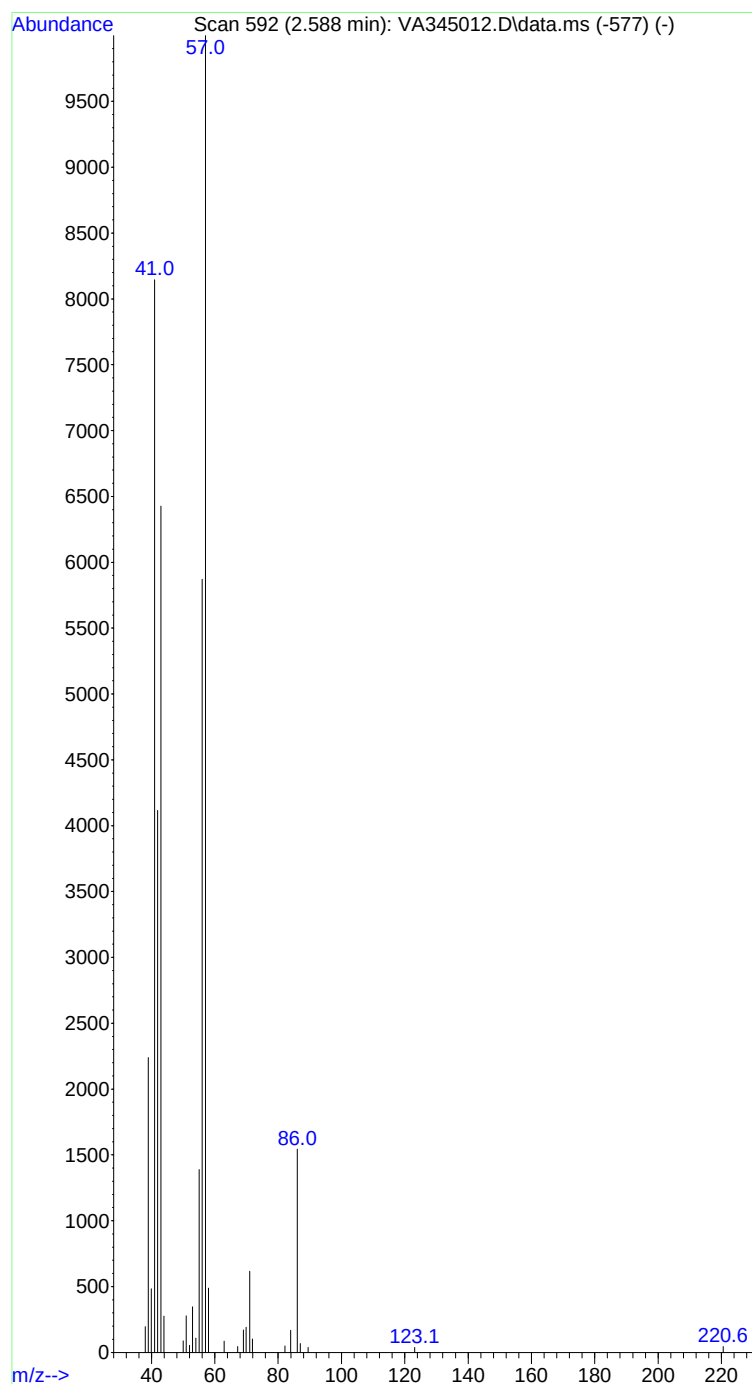
Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)

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

Peak Number 1 Error searching C:\DATABASE... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.588	3.34 UG/L	284959	PENTAFLUOROBENZENE - ISTD	3.842

Hit# of	1	Tentative ID	MW	MolForm	CAS#	Qual
1	Error searching C:\DATABASE\NIST...		0			0



Data Path : V:\DATA\121012\
Data File : VA345012.D
Acq On : 10 Dec 2012 9:59 am
Operator : MFF
Sample : 12L0266-02
Misc :
ALS Vial : 12 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	#	RT	Resp	Conc
Error searching...	2.588	3.3	UG/L	284959	1	3.842	2562750	30.0

1 - FORM I

ANALYSIS DATA SHEET

B-24 (0-4ft)

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266				
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners				
Matrix:	Soil	Laboratory ID:	12L0266-03	File ID:	VA345013.D		
Sampled:	12/07/12 12:33	Prepared:	12/10/12 05:45	Analyzed:	12/10/12 10:26		
Solids:	85.00	Preparation:	SW-846 5035	Dilution:	1		
Initial/Final:	5.55 g / 10 mL						
Batch:	B064340	Sequence:	S003568	Calibration:	1200210	Instrument:	GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone		0.025	0.11	V-05, V-16
107-13-1	Acrylonitrile		0.0026	0.0064	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.00074	0.0011	
71-43-2	Benzene		0.00074	0.0021	
108-86-1	Bromobenzene		0.00085	0.0021	
74-97-5	Bromochloromethane		0.0015	0.0021	
75-27-4	Bromodichloromethane		0.00064	0.0021	
75-25-2	Bromoform		0.0015	0.0021	
74-83-9	Bromomethane		0.0018	0.011	
78-93-3	2-Butanone (MEK)		0.019	0.042	V-16
75-65-0	tert-Butyl Alcohol (TBA)		0.022	0.042	V-16
104-51-8	n-Butylbenzene		0.00074	0.0021	
135-98-8	sec-Butylbenzene		0.0011	0.0021	
98-06-6	tert-Butylbenzene		0.00095	0.0021	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.00064	0.0021	
75-15-0	Carbon Disulfide		0.0035	0.0064	
56-23-5	Carbon Tetrachloride		0.00085	0.0021	
108-90-7	Chlorobenzene		0.00074	0.0021	
124-48-1	Chlorodibromomethane		0.00074	0.0011	
75-00-3	Chloroethane		0.0016	0.021	
67-66-3	Chloroform		0.00074	0.0042	
74-87-3	Chloromethane		0.00095	0.011	
95-49-8	2-Chlorotoluene		0.00085	0.0021	
106-43-4	4-Chlorotoluene		0.00085	0.0021	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.0012	0.0021	V-16

1 - FORM I

ANALYSIS DATA SHEET

B-24 (0-4ft)

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0266
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: 12L0266-03 File ID: VA345013.D
 Sampled: 12/07/12 12:33 Prepared: 12/10/12 05:45 Analyzed: 12/10/12 10:26
 Solids: 85.00 Preparation: SW-846 5035 Dilution: 1
 Initial/Final: 5.55 g / 10 mL
 Batch: B064340 Sequence: S003568 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		0.00064	0.0021	
95-50-1	1,2-Dichlorobenzene		0.00074	0.0021	
541-73-1	1,3-Dichlorobenzene		0.00074	0.0021	
106-46-7	1,4-Dichlorobenzene		0.00085	0.0021	
110-57-6	trans-1,4-Dichloro-2-butene		0.0013	0.0042	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.0014	0.021	
75-34-3	1,1-Dichloroethane		0.00074	0.0021	
107-06-2	1,2-Dichloroethane		0.0014	0.0021	
75-35-4	1,1-Dichloroethylene		0.0012	0.0042	
156-59-2	cis-1,2-Dichloroethylene		0.00085	0.0021	
156-60-5	trans-1,2-Dichloroethylene		0.00095	0.0021	
78-87-5	1,2-Dichloropropane		0.0014	0.0021	
142-28-9	1,3-Dichloropropane		0.00074	0.0011	
594-20-7	2,2-Dichloropropane		0.00095	0.0021	
563-58-6	1,1-Dichloropropene		0.00095	0.0021	
10061-01-5	cis-1,3-Dichloropropene		0.00074	0.0011	
10061-02-6	trans-1,3-Dichloropropene		0.00074	0.0011	
60-29-7	Diethyl Ether		0.0019	0.021	
108-20-3	Diisopropyl Ether (DIPE)		0.00064	0.0011	
123-91-1	1,4-Dioxane		0.061	0.11	V-16
100-41-4	Ethylbenzene		0.00085	0.0021	
87-68-3	Hexachlorobutadiene		0.0011	0.0021	
591-78-6	2-Hexanone (MBK)		0.012	0.021	
98-82-8	Isopropylbenzene (Cumene)		0.00074	0.0021	

1 - FORM I

ANALYSIS DATA SHEET

B-24 (0-4ft)

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266				
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners				
Matrix:	Soil	Laboratory ID:	12L0266-03	File ID:	VA345013.D		
Sampled:	12/07/12 12:33	Prepared:	12/10/12 05:45	Analyzed:	12/10/12 10:26		
Solids:	85.00	Preparation:	SW-846 5035	Dilution:	1		
Initial/Final:	5.55 g / 10 mL						
Batch:	B064340	Sequence:	S003568	Calibration:	1200210	Instrument:	GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.00085	0.0021	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.00095	0.0042	
75-09-2	Methylene Chloride		0.0075	0.021	V-05
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0081	0.021	
91-20-3	Naphthalene		0.00074	0.0042	V-05
103-65-1	n-Propylbenzene		0.00074	0.0021	
100-42-5	Styrene		0.00064	0.0021	
630-20-6	1,1,1,2-Tetrachloroethane		0.00095	0.0021	
79-34-5	1,1,2,2-Tetrachloroethane		0.00095	0.0011	
127-18-4	Tetrachloroethylene	0.0028	0.0014	0.0021	
109-99-9	Tetrahydrofuran		0.0023	0.011	V-16
108-88-3	Toluene		0.00085	0.0021	
87-61-6	1,2,3-Trichlorobenzene		0.00064	0.0021	
120-82-1	1,2,4-Trichlorobenzene		0.00085	0.0021	
108-70-3	1,3,5-Trichlorobenzene		0.00074	0.0021	
71-55-6	1,1,1-Trichloroethane		0.0011	0.0021	
79-00-5	1,1,2-Trichloroethane		0.0013	0.0021	
79-01-6	Trichloroethylene		0.00095	0.0021	
75-69-4	Trichlorofluoromethane (Freon 11)		0.0012	0.011	
96-18-4	1,2,3-Trichloropropane		0.0012	0.0021	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		0.00095	0.011	
95-63-6	1,2,4-Trimethylbenzene		0.00085	0.0021	
108-67-8	1,3,5-Trimethylbenzene		0.00064	0.0021	
75-01-4	Vinyl Chloride		0.0012	0.011	
108383/106423	m+p Xylene		0.0018	0.0042	

1 - FORM I

ANALYSIS DATA SHEET

B-24 (0-4ft)

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266				
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners				
Matrix:	Soil	Laboratory ID:	12L0266-03	File ID:	VA345013.D		
Sampled:	12/07/12 12:33	Prepared:	12/10/12 05:45	Analyzed:	12/10/12 10:26		
Solids:	85.00	Preparation:	SW-846 5035	Dilution:	1		
Initial/Final:	5.55 g / 10 mL						
Batch:	B064340	Sequence:	S003568	Calibration:	1200210	Instrument:	GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
95-47-6	o-Xylene		0.00074	0.0021	
	No TICs Found	0.0			

Data File : V:\DATA\121012\VA345013.D
 Acq On : 10 Dec 2012 10:26 am
 Sample : 12L0266-03
 InstName : GCMSVOA1
 Misc :
 Quant Time: Dec 10 10:43:39 2012

Vial: 13
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

92

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	968638	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.522	114	1327910	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.053	117	1292140	30.00	UG/L	0.00
86) 1,4-DICHLOROBENZENE-D4...	9.012	152	733142	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.093	65	307650	23.05	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	92.20%	
48) TOLUENE SS	5.829	98	1345182	25.15	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	100.60%	
69) 4-BROMOFLUROBENZENE SS	8.047	95	485006	23.26	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	93.04%	
Target Compounds						
						Qvalue
12) ACETONE	1.848	58	4161	5.000	UG/L	92
21) METHYLENE CHLORIDE	2.140	49	27991	Below	Cal	96
40) CYCLOHEXANE	3.840	56	23491	Below	Cal #	56
44) BENZENE	4.152	78	17706	0.308	UG/L	100
47) METHYLCYCLOHEXANE	4.917	83	9686	0.435	UG/L #	89
50) TRICHLOROETHENE	4.753	95	3186	0.212	UG/L	96
59) TOLUENE	5.882	92	23604	0.608	UG/L	92
64) TETRACHLOROETHENE	6.352	164	17366	1.311	UG/L	90
73) M/P-XYLENES	7.281	106	16261	0.549	UG/L	98
74) O-XYLENE	7.610	106	5754	0.197	UG/L	88
84) 1,3,5-TRIMETHYLBENZENE	8.422	105	9046	0.135	UG/L	99
88) 1,2,4-TRIMETHYLBENZENE	8.734	105	19437	0.340	UG/L	97

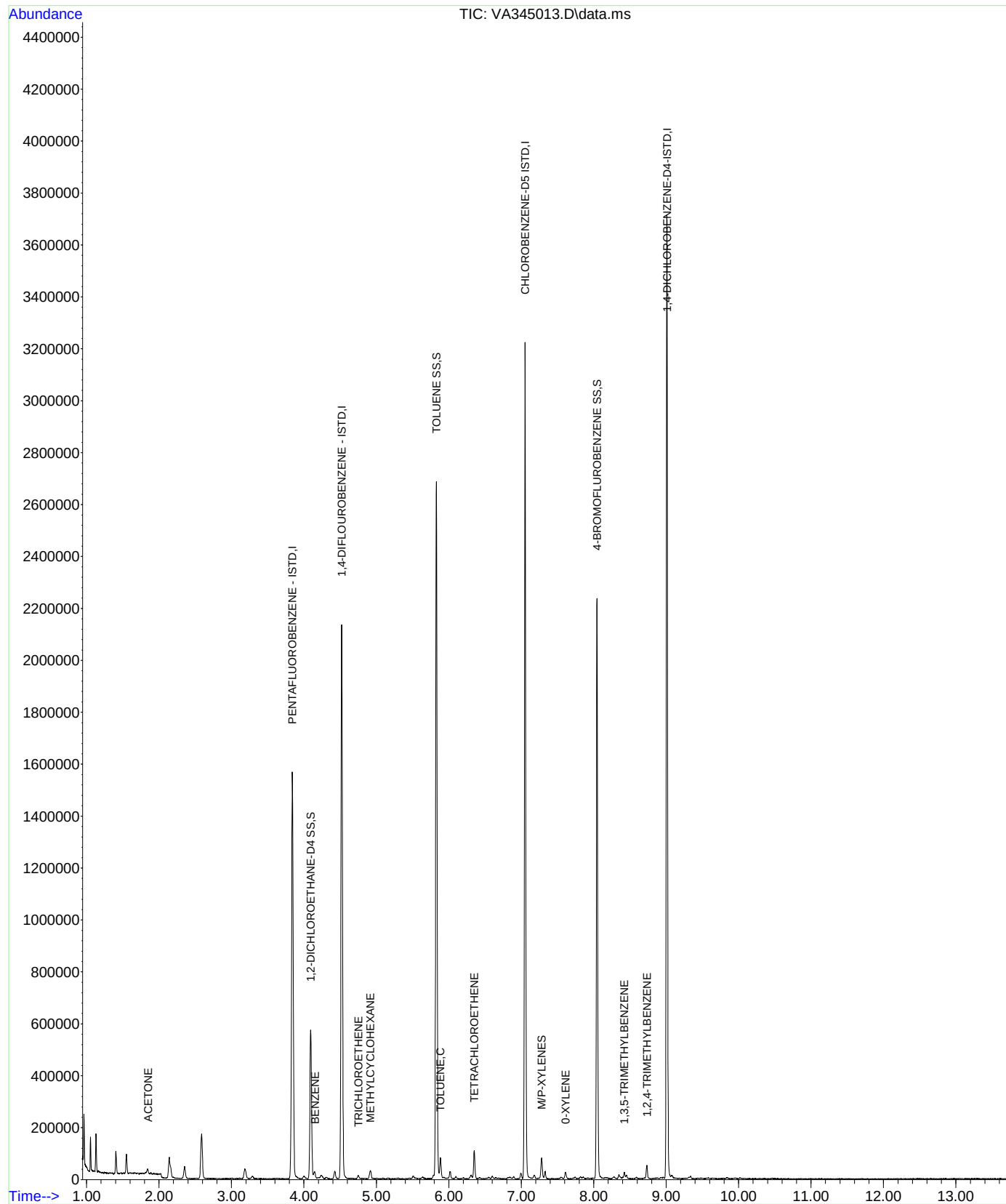
(#) = qualifier out of range (m) = manual integration (+) = signals summed

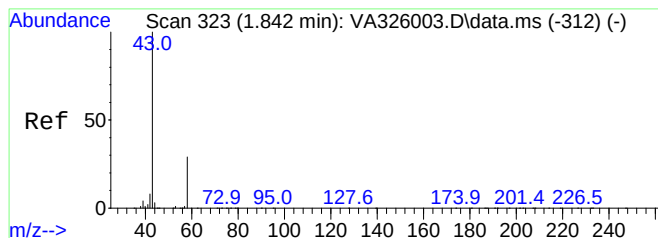
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Acq On : 10 Dec 2012 10:26 am
Sample : 12L0266-03
InstName : GCMSVOA1
Misc :
Quant Time: Dec 10 10:43:39 2012

Vial: 13
Operator: MFF
Inst : GCMSVOA1
Multiplr: 1.00

93

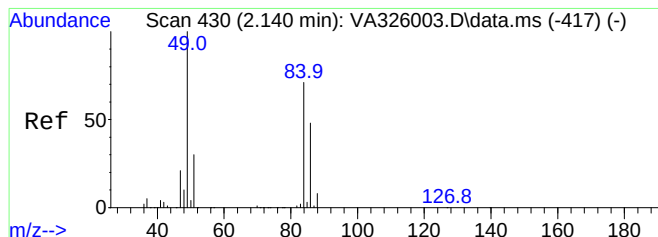
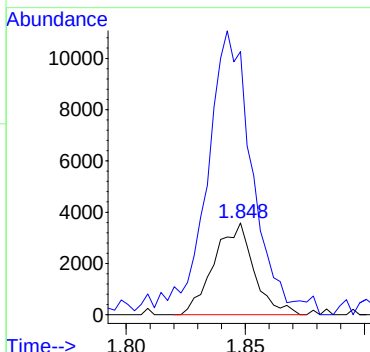
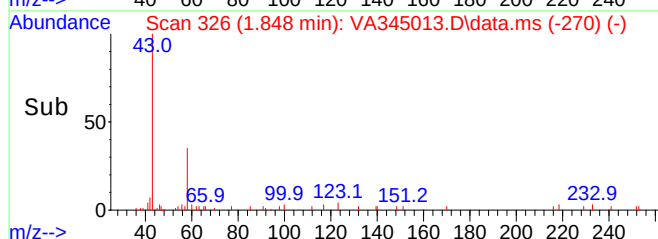
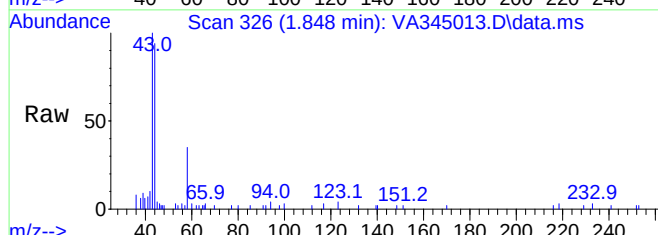
Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Mon Nov 12 13:10:19 2012
Response via : Initial Calibration
DataAcq Meth:821205S8





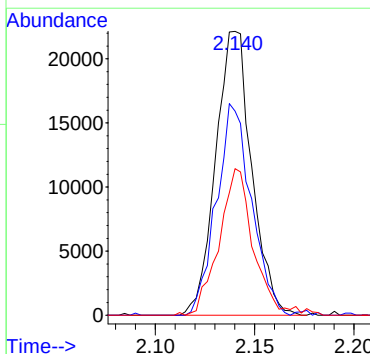
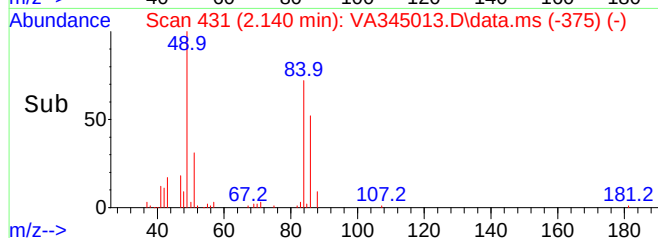
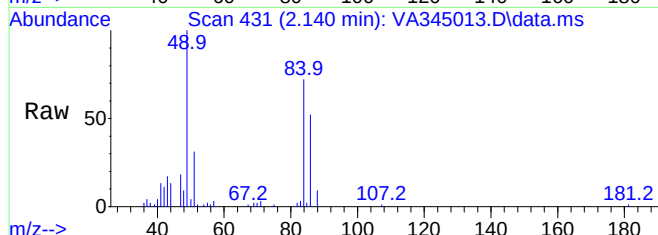
#12
 ACETONE
 Concen: 5.00 UG/L
 RT: 1.848 min Scan# 326
 Delta R.T. 0.006 min
 Lab File: VA345013.D
 Acq: 10 Dec 2012 10:26 am

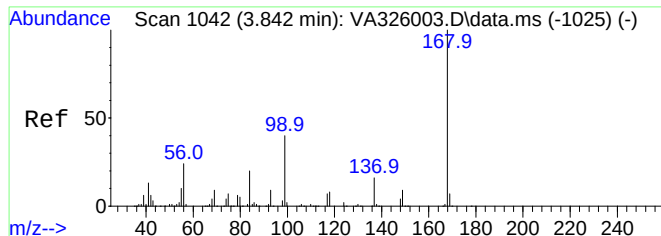
Tgt Ion: 58 Resp: 4161
 Ion Ratio Lower Upper
 58 100
 43 324.7 273.3 409.9



#21
 METHYLENE CHLORIDE
 Concen: Below Cal
 RT: 2.140 min Scan# 431
 Delta R.T. 0.002 min
 Lab File: VA345013.D
 Acq: 10 Dec 2012 10:26 am

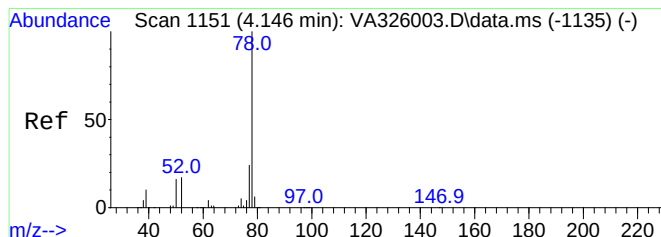
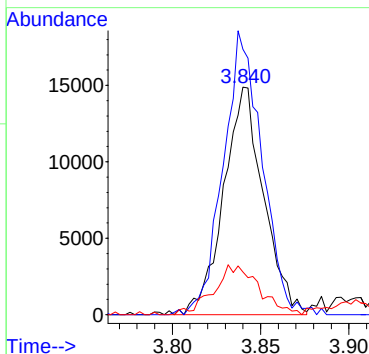
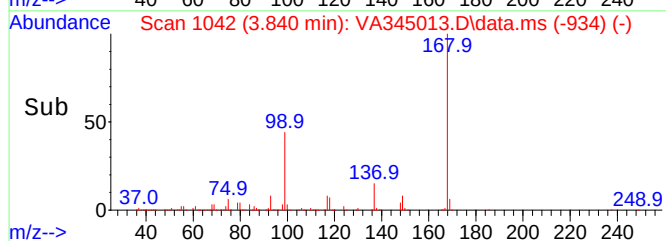
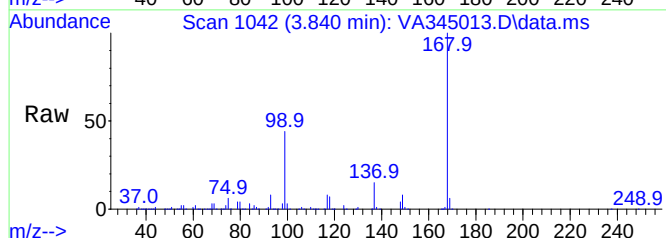
Tgt Ion: 49 Resp: 27991
 Ion Ratio Lower Upper
 49 100
 84 72.3 55.8 83.8
 86 49.6 37.3 55.9





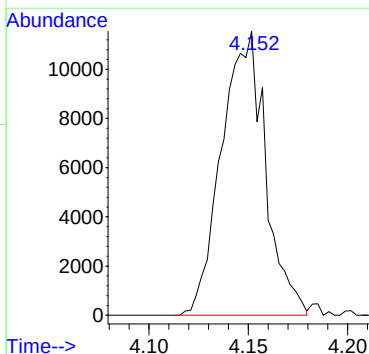
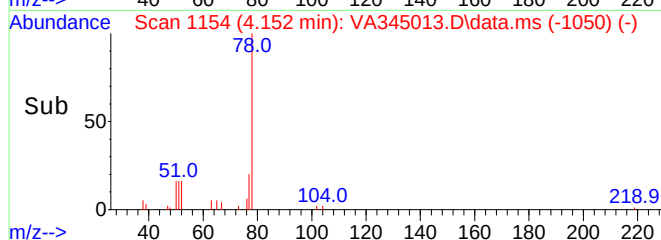
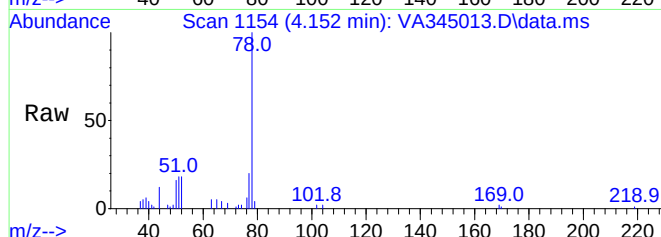
#40
CYCLOHEXANE
Concen: Below Cal
RT: 3.840 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VA345013.D
Acq: 10 Dec 2012 10:26 am

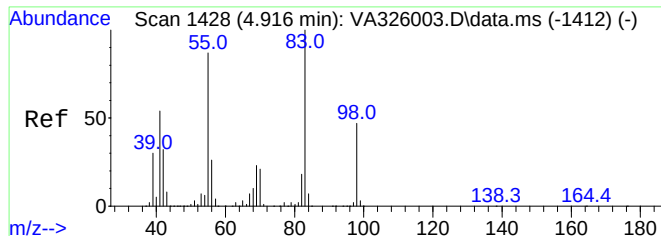
Tgt Ion: 56 Resp: 23491
Ion Ratio Lower Upper
56 100
84 121.1 64.5 96.7#
41 24.7 44.6 67.0#



#44
BENZENE
Concen: 0.31 UG/L
RT: 4.152 min Scan# 1154
Delta R.T. 0.005 min
Lab File: VA345013.D
Acq: 10 Dec 2012 10:26 am

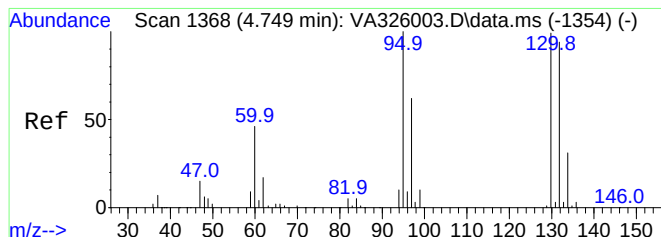
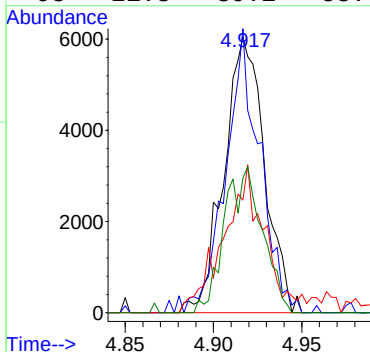
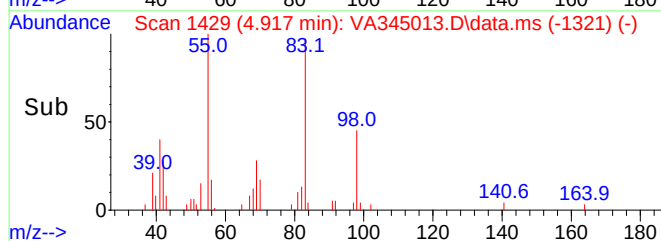
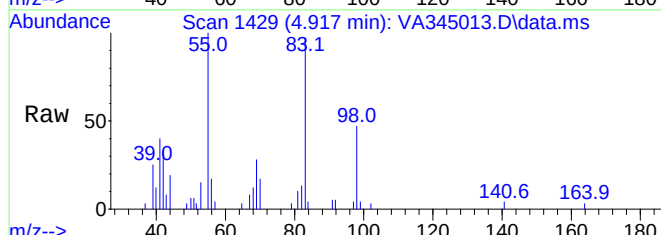
Tgt Ion: 78 Resp: 17706





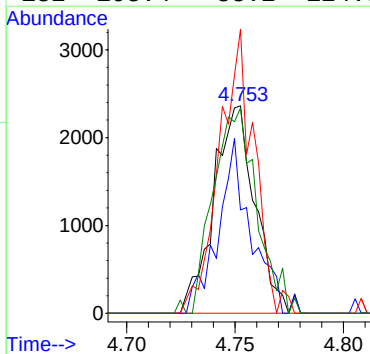
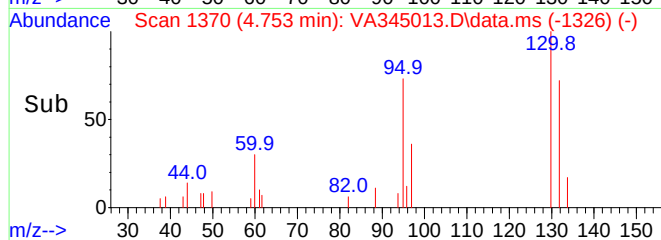
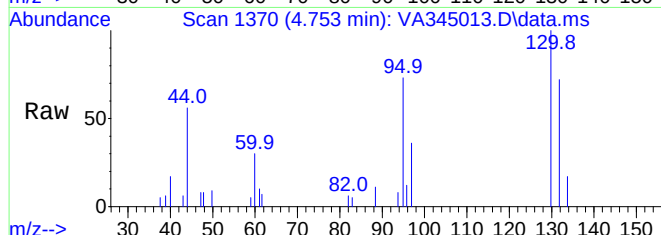
#47
METHYLCYCLOHEXANE
Concen: 0.43 UG/L
RT: 4.917 min Scan# 1429
Delta R.T. -0.000 min
Lab File: VA345013.D
Acq: 10 Dec 2012 10:26 am

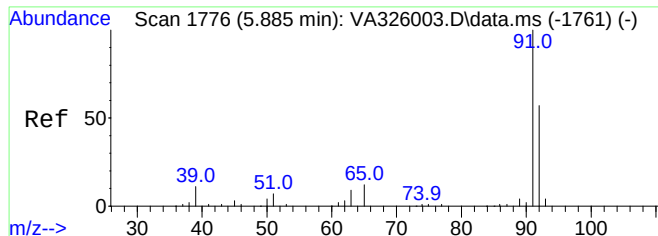
Tgt Ion: 83 Resp: 9686
Ion Ratio Lower Upper
83 100
55 86.4 68.9 103.3
41 52.8 41.3 61.9
98 21.3 39.1 58.7#



#50
TRICHLOROETHENE
Concen: 0.21 UG/L
RT: 4.753 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VA345013.D
Acq: 10 Dec 2012 10:26 am

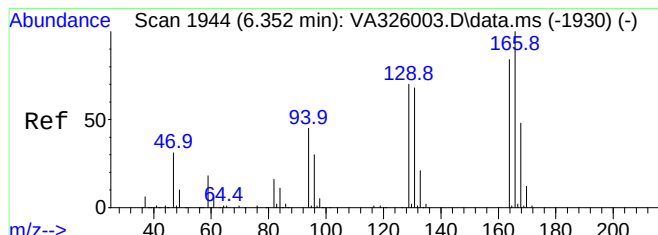
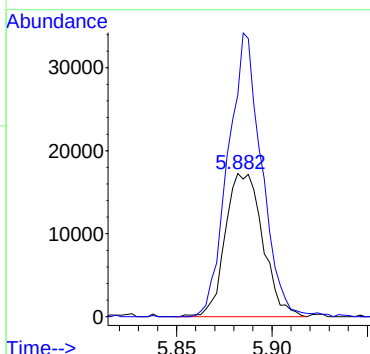
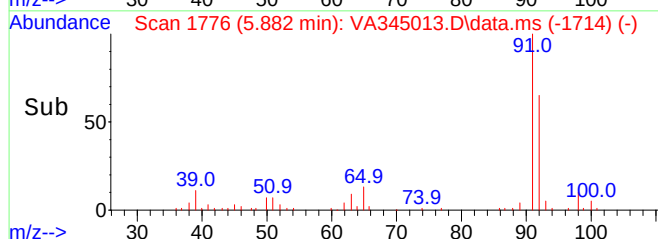
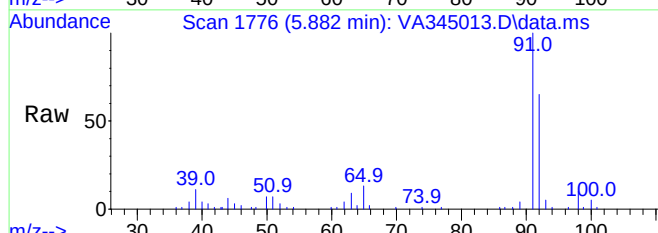
Tgt Ion: 95 Resp: 3186
Ion Ratio Lower Upper
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97 65.4 51.3 76.9
130 111.2 82.2 123.4
132 103.4 83.2 124.8





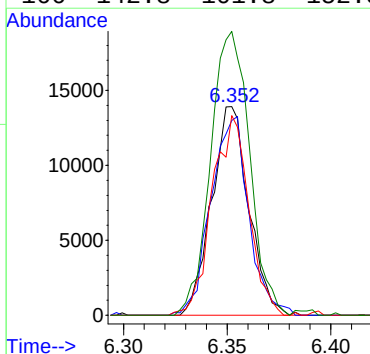
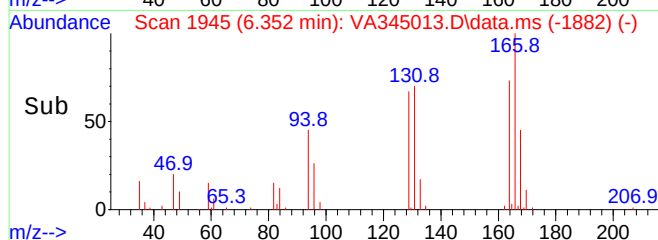
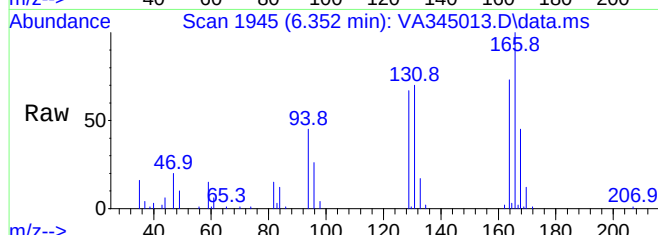
#59
TOLUENE
Concen: 0.61 UG/L
RT: 5.882 min Scan# 1776
Delta R.T. -0.003 min
Lab File: VA345013.D
Acq: 10 Dec 2012 10:26 am

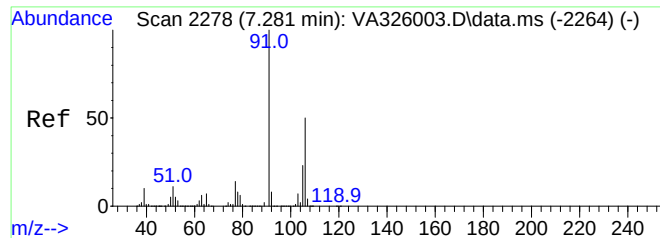
Tgt Ion: 92 Resp: 23604
Ion Ratio Lower Upper
92 100
91 178.5 134.0 201.0



#64
TETRACHLOROETHENE
Concen: 1.31 UG/L
RT: 6.352 min Scan# 1945
Delta R.T. 0.003 min
Lab File: VA345013.D
Acq: 10 Dec 2012 10:26 am

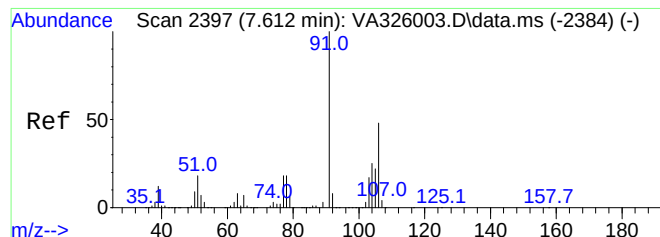
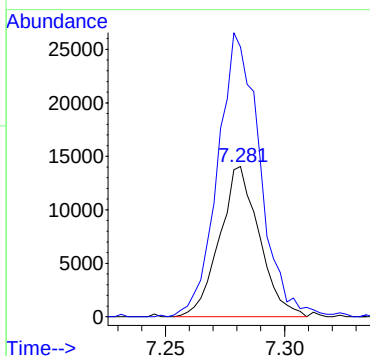
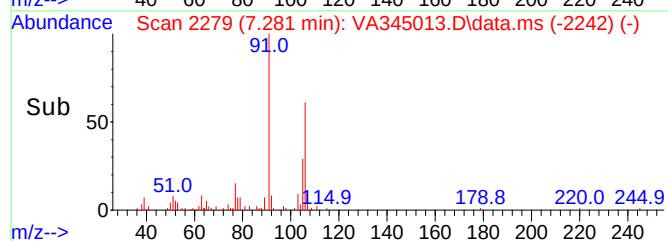
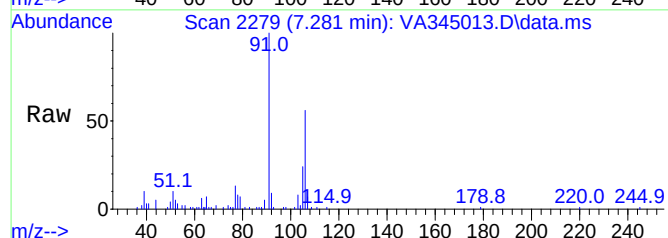
Tgt Ion: 164 Resp: 17366
Ion Ratio Lower Upper
164 100
129 96.9 71.4 107.2
131 94.3 70.6 105.8
166 142.8 101.8 152.8





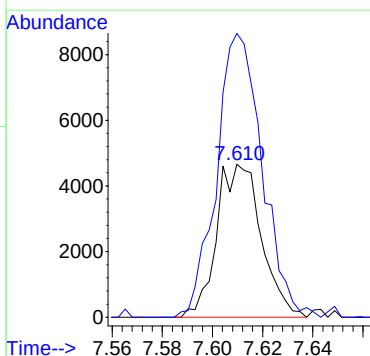
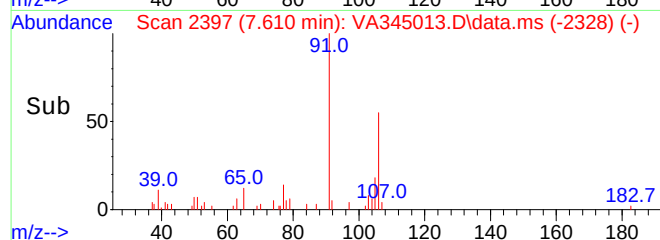
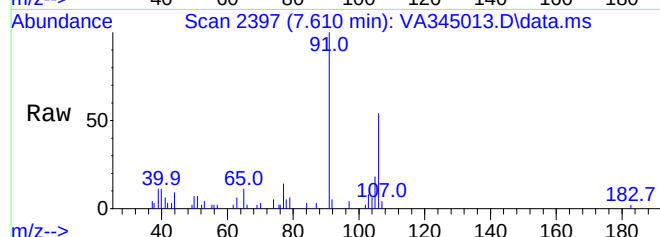
#73
M/P-XYLENES
Concen: 0.55 UG/L
RT: 7.281 min Scan# 2279
Delta R.T. 0.000 min
Lab File: VA345013.D
Acq: 10 Dec 2012 10:26 am

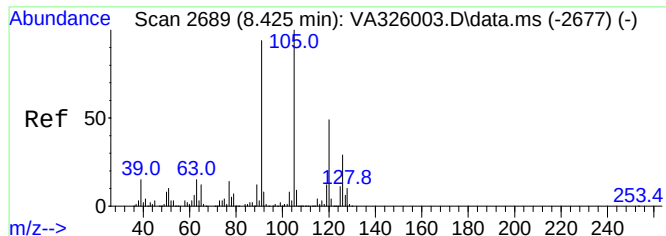
Tgt Ion:106 Resp: 16261
Ion Ratio Lower Upper
106 100
91 201.4 158.6 237.8



#74
O-XYLENE
Concen: 0.20 UG/L
RT: 7.610 min Scan# 2397
Delta R.T. -0.000 min
Lab File: VA345013.D
Acq: 10 Dec 2012 10:26 am

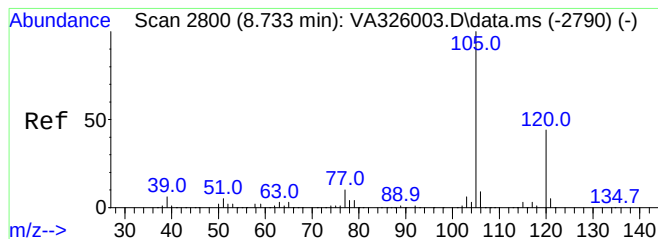
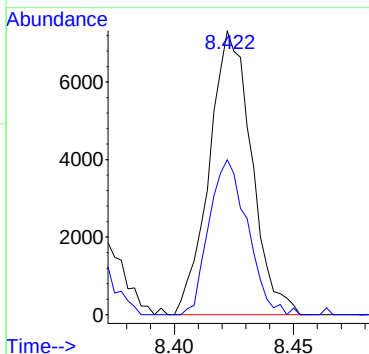
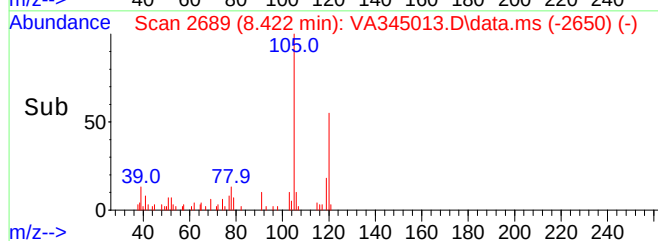
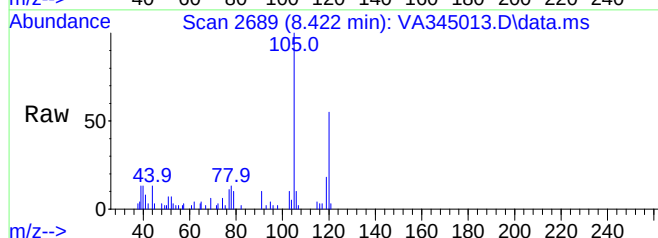
Tgt Ion:106 Resp: 5754
Ion Ratio Lower Upper
106 100
91 189.8 166.9 250.3





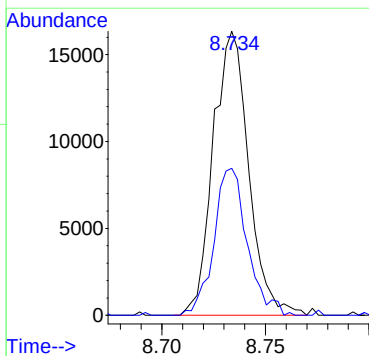
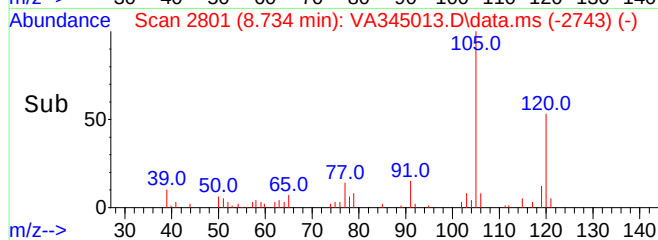
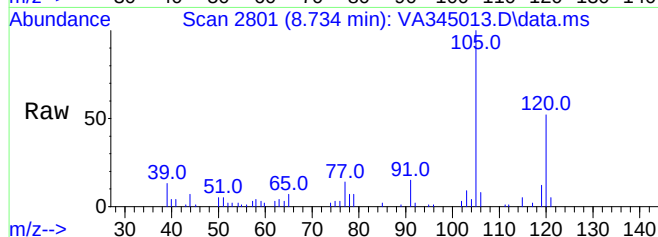
#84
1,3,5-TRIMETHYLBENZENE
Concen: 0.13 UG/L
RT: 8.422 min Scan# 2689
Delta R.T. -0.003 min
Lab File: VA345013.D
Acq: 10 Dec 2012 10:26 am

Tgt Ion:105 Resp: 9046
Ion Ratio Lower Upper
105 100
120 49.7 40.5 60.7



#88
1,2,4-TRIMETHYLBENZENE
Concen: 0.34 UG/L
RT: 8.734 min Scan# 2801
Delta R.T. -0.000 min
Lab File: VA345013.D
Acq: 10 Dec 2012 10:26 am

Tgt Ion:105 Resp: 19437
Ion Ratio Lower Upper
105 100
120 48.7 37.3 55.9



Data Path : V:\DATA\121012\
 Data File : VA345013.D
 Acq On : 10 Dec 2012 10:26 am
 Operator : MFF
 Sample : 12L0266-03
 Misc :
 ALS Vial : 13 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: VA345013.D\data.ms

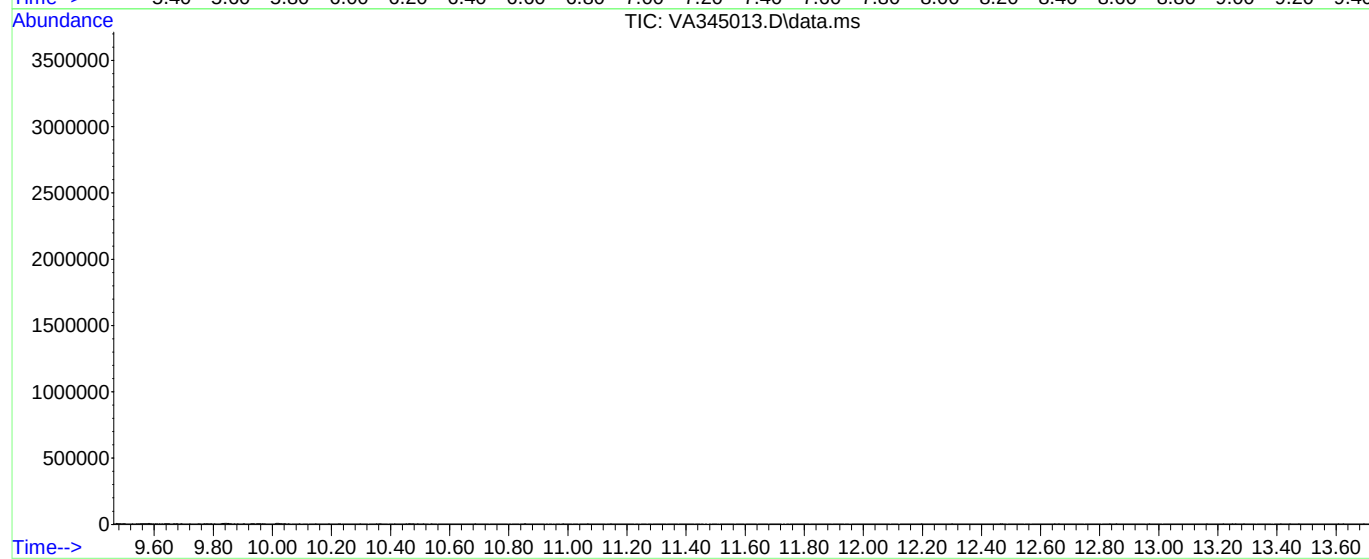
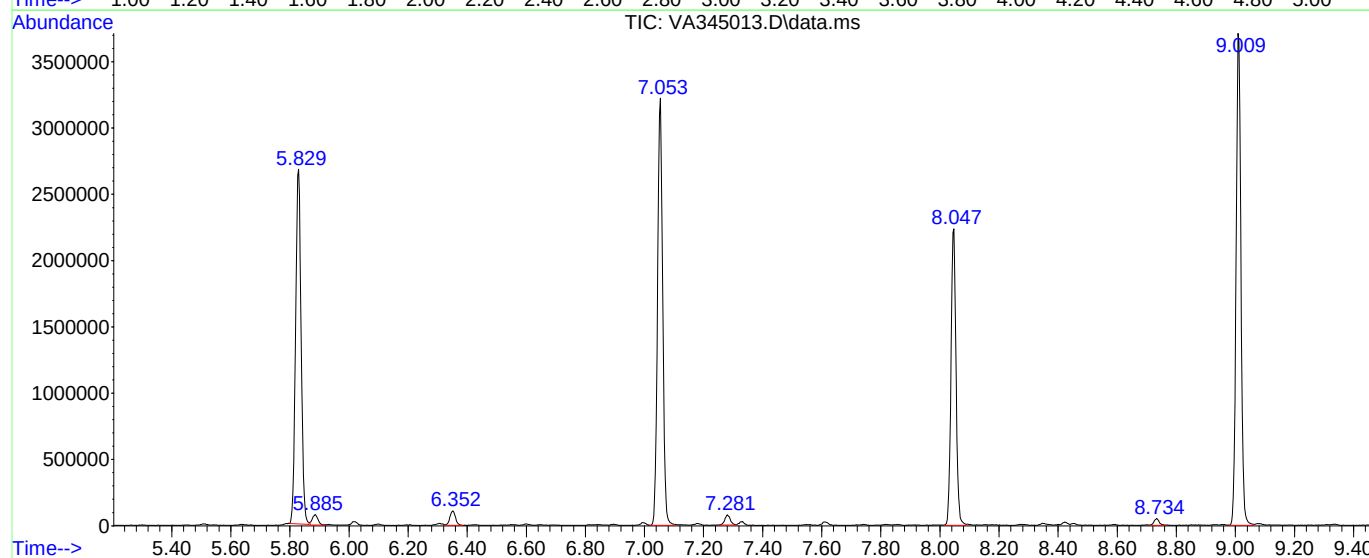
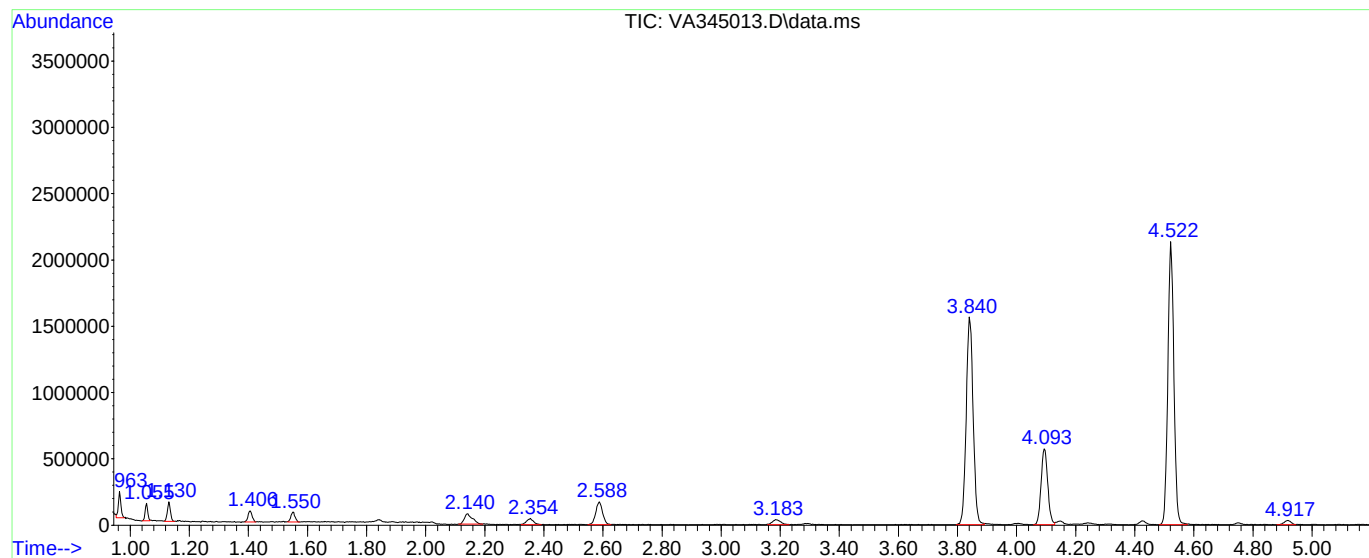
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	0.963	4	8	14	rVB	196105	117410	2.78%	0.531%
2	1.055	36	41	45	rBV	131805	81188	1.92%	0.367%
3	1.130	63	68	75	rVB	148819	106709	2.53%	0.482%
4	1.406	161	167	174	rVB	85376	80443	1.91%	0.364%
5	1.550	213	219	227	rVB	75136	74319	1.76%	0.336%
6	2.140	421	431	450	rBV4	78602	147402	3.49%	0.666%
7	2.354	497	508	521	rVB3	46915	73894	1.75%	0.334%
8	2.588	578	592	606	rBV2	172178	275123	6.52%	1.244%
9	3.183	797	806	823	rVB3	38194	73589	1.74%	0.333%
10	3.840	1026	1042	1060	rBV	1566479	2541045	60.25%	11.488%
11	4.093	1120	1133	1146	rBV2	573469	894058	21.20%	4.042%
12	4.522	1273	1287	1307	rBV	2133875	3018898	71.58%	13.649%
13	4.917	1416	1429	1439	rBV6	31830	52722	1.25%	0.238%
14	5.829	1746	1757	1770	rBV	2672435	3481624	82.55%	15.741%
15	5.885	1771	1777	1788	rVB2	78409	100378	2.38%	0.454%
16	6.352	1936	1945	1957	rVB3	108541	141510	3.36%	0.640%
17	7.053	2185	2197	2214	rBV	3220282	3860618	91.54%	17.454%
18	7.281	2268	2279	2290	rBV3	78397	101874	2.42%	0.461%
19	8.047	2542	2554	2569	rBV	2234263	2620470	62.13%	11.847%
20	8.734	2792	2801	2811	rBV	50760	57608	1.37%	0.260%
21	9.009	2889	2900	2919	rBV	3710111	4217596	100.00%	19.068%

Sum of corrected areas: 22118478

Data Path : V:\DATA\121012\
Data File : VA345013.D
Acq On : 10 Dec 2012 10:26 am
Operator : MFF
Sample : 12L0266-03
Misc :
ALS Vial : 13 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\121012\
Data File : VA345013.D
Acq On : 10 Dec 2012 10:26 am
Operator : MFF
Sample : 12L0266-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

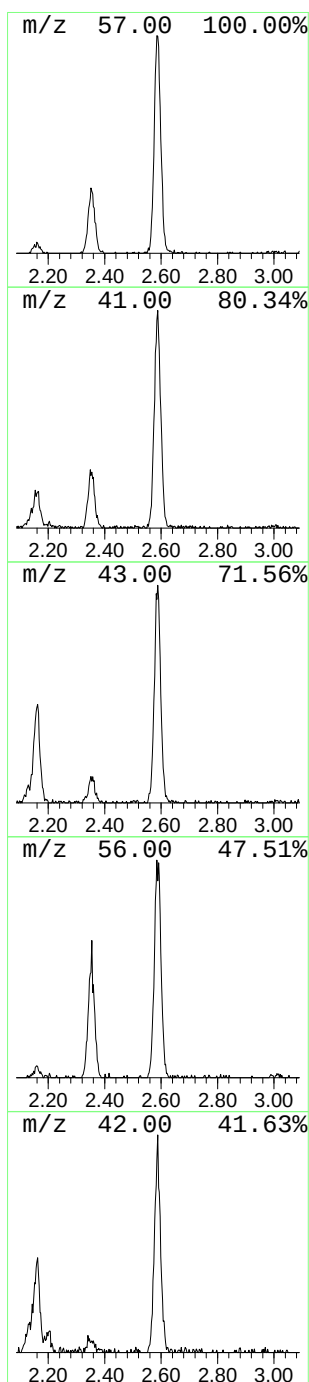
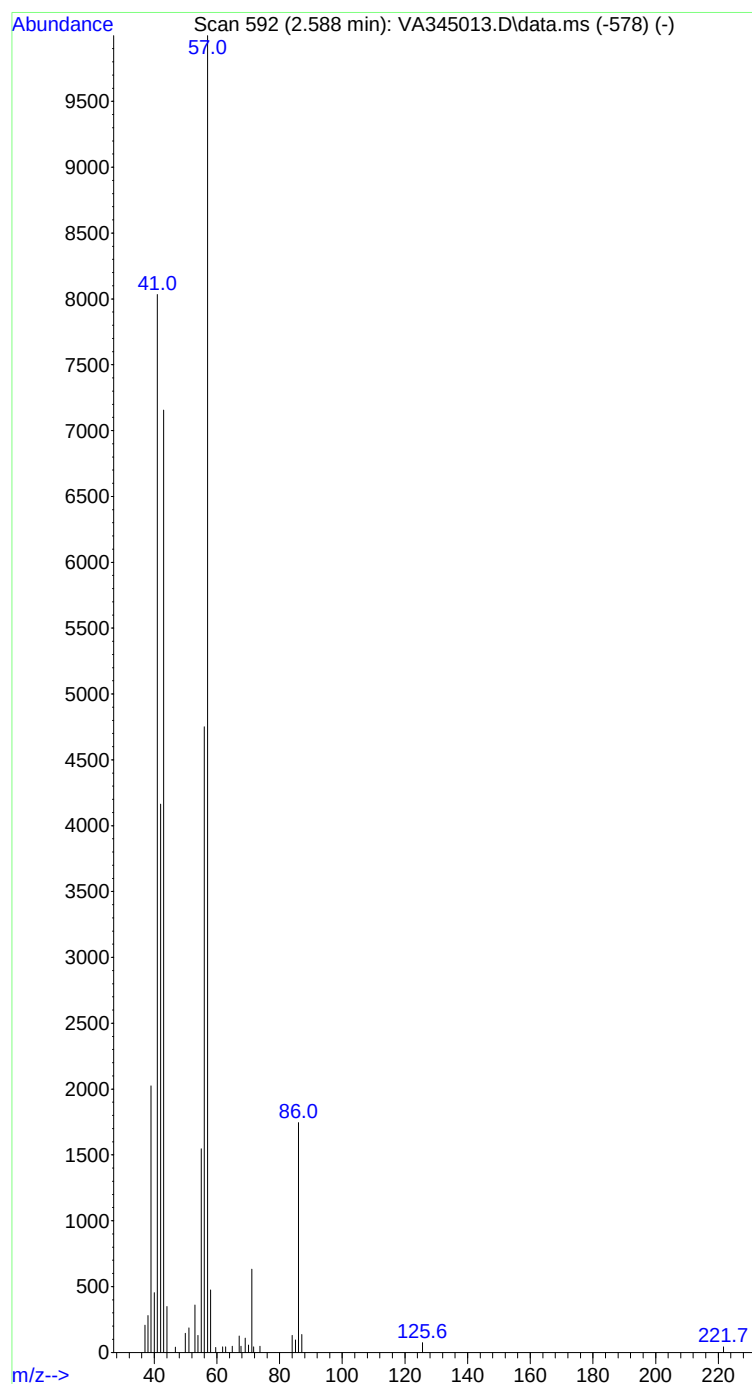
Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)

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

Peak Number 1 Error searching C:\DATABASE... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.588	3.25 UG/L	275123	PENTAFLUOROBENZENE - ISTD	3.840

Hit# of	1	Tentative ID	MW	MolForm	CAS#	Qual
1	Error searching C:\DATABASE\NIST...		0			0



Data Path : V:\DATA\121012\
Data File : VA345013.D
Acq On : 10 Dec 2012 10:26 am
Operator : MFF
Sample : 12L0266-03
Misc :
ALS Vial : 13 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	#	RT	Resp	Conc
Error searching...	2.588	3.2	UG/L	275123	1	3.840	2541050	30.0

1 - FORM I

ANALYSIS DATA SHEET

B-17 (8-10ft)

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266				
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners				
Matrix:	Soil	Laboratory ID:	12L0266-04	File ID:	VA345015.D		
Sampled:	12/07/12 13:26	Prepared:	12/10/12 05:45	Analyzed:	12/10/12 11:20		
Solids:	83.30	Preparation:	SW-846 5035	Dilution:	1		
Initial/Final:	2.46 g / 10 mL						
Batch:	B064340	Sequence:	S003568	Calibration:	1200210	Instrument:	GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone		0.057	0.24	V-05, V-16
107-13-1	Acrylonitrile		0.0061	0.015	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.0017	0.0024	
71-43-2	Benzene		0.0017	0.0049	
108-86-1	Bromobenzene		0.0020	0.0049	
74-97-5	Bromochloromethane		0.0034	0.0049	
75-27-4	Bromodichloromethane		0.0015	0.0049	
75-25-2	Bromoform		0.0034	0.0049	
74-83-9	Bromomethane		0.0041	0.024	
78-93-3	2-Butanone (MEK)		0.043	0.098	V-16
75-65-0	tert-Butyl Alcohol (TBA)		0.051	0.098	V-16
104-51-8	n-Butylbenzene		0.0017	0.0049	
135-98-8	sec-Butylbenzene		0.0024	0.0049	
98-06-6	tert-Butylbenzene		0.0022	0.0049	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.0015	0.0049	
75-15-0	Carbon Disulfide		0.0081	0.015	
56-23-5	Carbon Tetrachloride		0.0020	0.0049	
108-90-7	Chlorobenzene		0.0017	0.0049	
124-48-1	Chlorodibromomethane		0.0017	0.0024	
75-00-3	Chloroethane		0.0037	0.049	
67-66-3	Chloroform		0.0017	0.0098	
74-87-3	Chloromethane		0.0022	0.024	
95-49-8	2-Chlorotoluene		0.0020	0.0049	
106-43-4	4-Chlorotoluene		0.0020	0.0049	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.0027	0.0049	V-16

1 - FORM I

ANALYSIS DATA SHEET

B-17 (8-10ft)

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266				
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners				
Matrix:	Soil	Laboratory ID:	12L0266-04	File ID:	VA345015.D		
Sampled:	12/07/12 13:26	Prepared:	12/10/12 05:45	Analyzed:	12/10/12 11:20		
Solids:	83.30	Preparation:	SW-846 5035	Dilution:	1		
Initial/Final:	2.46 g / 10 mL						
Batch:	B064340	Sequence:	S003568	Calibration:	1200210	Instrument:	GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.0024	0.0024	
74-95-3	Dibromomethane		0.0015	0.0049	
95-50-1	1,2-Dichlorobenzene		0.0017	0.0049	
541-73-1	1,3-Dichlorobenzene		0.0017	0.0049	
106-46-7	1,4-Dichlorobenzene		0.0020	0.0049	
110-57-6	trans-1,4-Dichloro-2-butene		0.0029	0.0098	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.0032	0.049	
75-34-3	1,1-Dichloroethane		0.0017	0.0049	
107-06-2	1,2-Dichloroethane		0.0032	0.0049	
75-35-4	1,1-Dichloroethylene		0.0027	0.0098	
156-59-2	cis-1,2-Dichloroethylene		0.0020	0.0049	
156-60-5	trans-1,2-Dichloroethylene		0.0022	0.0049	
78-87-5	1,2-Dichloropropane		0.0032	0.0049	
142-28-9	1,3-Dichloropropane		0.0017	0.0024	
594-20-7	2,2-Dichloropropane		0.0022	0.0049	
563-58-6	1,1-Dichloropropene		0.0022	0.0049	
10061-01-5	cis-1,3-Dichloropropene		0.0017	0.0024	
10061-02-6	trans-1,3-Dichloropropene		0.0017	0.0024	
60-29-7	Diethyl Ether		0.0044	0.049	
108-20-3	Diisopropyl Ether (DIPE)		0.0015	0.0024	
123-91-1	1,4-Dioxane		0.14	0.24	V-16
100-41-4	Ethylbenzene		0.0020	0.0049	
87-68-3	Hexachlorobutadiene		0.0024	0.0049	
591-78-6	2-Hexanone (MBK)		0.027	0.049	
98-82-8	Isopropylbenzene (Cumene)		0.0017	0.0049	

1 - FORM I

ANALYSIS DATA SHEET

B-17 (8-10ft)

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266				
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners				
Matrix:	Soil	Laboratory ID:	12L0266-04	File ID:	VA345015.D		
Sampled:	12/07/12 13:26	Prepared:	12/10/12 05:45	Analyzed:	12/10/12 11:20		
Solids:	83.30	Preparation:	SW-846 5035	Dilution:	1		
Initial/Final:	2.46 g / 10 mL						
Batch:	B064340	Sequence:	S003568	Calibration:	1200210	Instrument:	GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.0020	0.0049	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.0022	0.0098	
75-09-2	Methylene Chloride		0.017	0.049	V-05
108-10-1	4-Methyl-2-pentanone (MIBK)		0.019	0.049	
91-20-3	Naphthalene		0.0017	0.0098	V-05
103-65-1	n-Propylbenzene		0.0017	0.0049	
100-42-5	Styrene		0.0015	0.0049	
630-20-6	1,1,1,2-Tetrachloroethane		0.0022	0.0049	
79-34-5	1,1,2,2-Tetrachloroethane		0.0022	0.0024	
127-18-4	Tetrachloroethylene		0.0032	0.0049	
109-99-9	Tetrahydrofuran		0.0054	0.024	V-16
108-88-3	Toluene		0.0020	0.0049	
87-61-6	1,2,3-Trichlorobenzene		0.0015	0.0049	
120-82-1	1,2,4-Trichlorobenzene		0.0020	0.0049	
108-70-3	1,3,5-Trichlorobenzene		0.0017	0.0049	
71-55-6	1,1,1-Trichloroethane		0.0024	0.0049	
79-00-5	1,1,2-Trichloroethane		0.0029	0.0049	
79-01-6	Trichloroethylene		0.0022	0.0049	
75-69-4	Trichlorofluoromethane (Freon 11)		0.0027	0.024	
96-18-4	1,2,3-Trichloropropane		0.0027	0.0049	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		0.0022	0.024	
95-63-6	1,2,4-Trimethylbenzene		0.0020	0.0049	
108-67-8	1,3,5-Trimethylbenzene		0.0015	0.0049	
75-01-4	Vinyl Chloride		0.0027	0.024	
108383/106423	m+p Xylene		0.0041	0.0098	

1 - FORM I

ANALYSIS DATA SHEET

B-17 (8-10ft)

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266				
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners				
Matrix:	Soil	Laboratory ID:	12L0266-04	File ID:	VA345015.D		
Sampled:	12/07/12 13:26	Prepared:	12/10/12 05:45	Analyzed:	12/10/12 11:20		
Solids:	83.30	Preparation:	SW-846 5035	Dilution:	1		
Initial/Final:	2.46 g / 10 mL						
Batch:	B064340	Sequence:	S003568	Calibration:	1200210	Instrument:	GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
95-47-6	o-Xylene		0.0017	0.0049	
	No TICs Found	0.0			

Data File : V:\DATA\121012\VA345015.D
 Acq On : 10 Dec 2012 11:20 am
 Sample : 12L0266-04
 InstName : GCMSVOA1
 Misc :
 Quant Time: Dec 10 12:18:33 2012

Vial: 15
 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	968369	30.00	UG/L	0.00
46) 1,4-DIFLUOROBENZENE - ...	4.521	114	1213609	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.053	117	1213095	30.00	UG/L	0.00
86) 1,4-DICHLOROBENZENE-D4...	9.011	152	712400	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.095	65	282945	21.21	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	84.84%	
48) TOLUENE SS	5.829	98	1266653	25.91	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	103.64%	
69) 4-BROMOFLUROBENZENE SS	8.046	95	458086	23.40	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	93.60%	
Target Compounds						
21) METHYLENE CHLORIDE	2.137	49	26818	Below Cal		Qvalue 94
27) VINYL ACETATE	2.587	43	48708	2.403 UG/L	#	56
31) CIS-1,2-DICHLOROETHENE	3.294	96	2506	0.165 UG/L	#	75
40) CYCLOHEXANE	3.842	56	26198	Below Cal	#	67
44) BENZENE	4.148	78	16721	0.291 UG/L		100
47) METHYLCYCLOHEXANE	4.913	83	17549	0.862 UG/L		97
50) TRICHLOROETHENE	4.755	95	1879	0.137 UG/L	#	75
59) TOLUENE	5.887	92	22402	0.631 UG/L		95
73) M/P-XYLENES	7.278	106	19075	0.686 UG/L		91
74) O-XYLENE	7.606	106	4964	0.181 UG/L		92
84) 1,3,5-TRIMETHYLBENZENE	8.427	105	8844	0.140 UG/L	#	69
88) 1,2,4-TRIMETHYLBENZENE	8.736	105	17021	0.306 UG/L		94

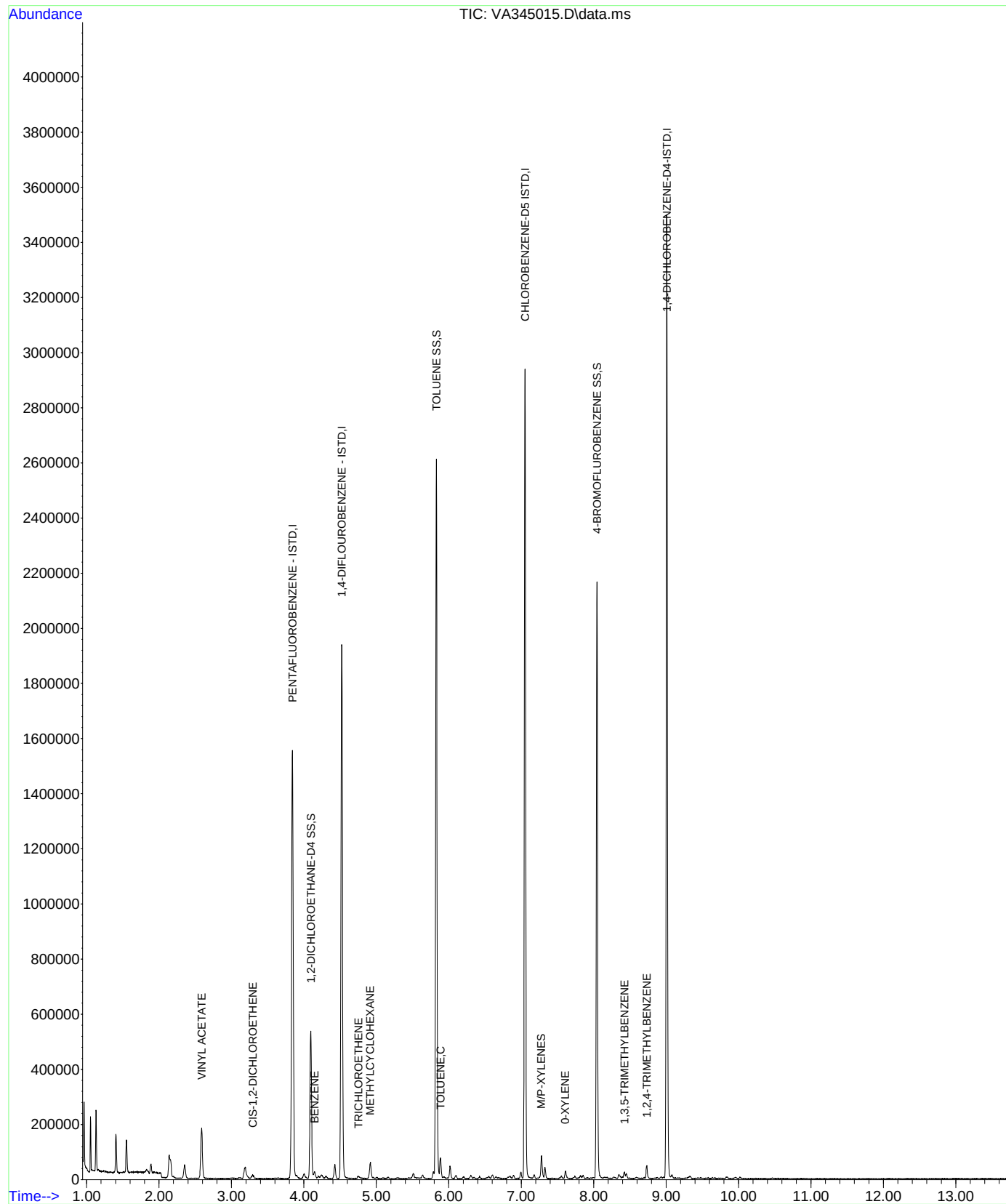
(#) = qualifier out of range (m) = manual integration (+) = signals summed

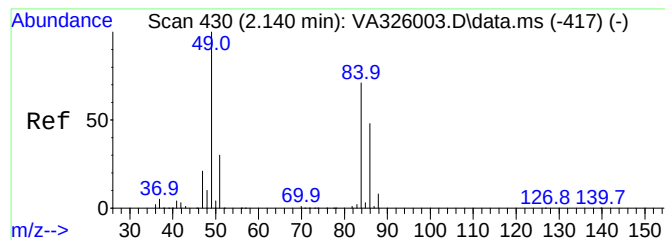
Data File : V:\DATA\121012\VA345015.D
Acq On : 10 Dec 2012 11:20 am
Sample : 12L0266-04
InstName : GCMSV0A1
Misc :
Quant Time: Dec 10 12:18:33 2012

Vial: 15
Operator: MFF
Inst : GCMSV0A1
Multiplr: 1.00

109

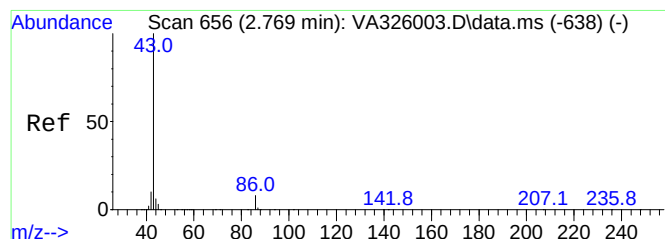
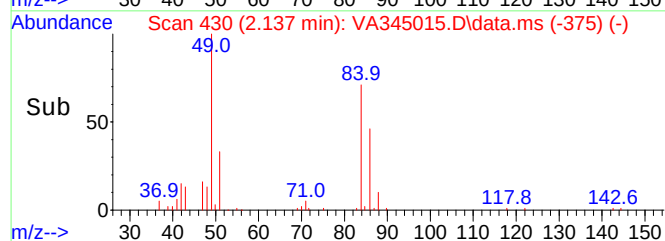
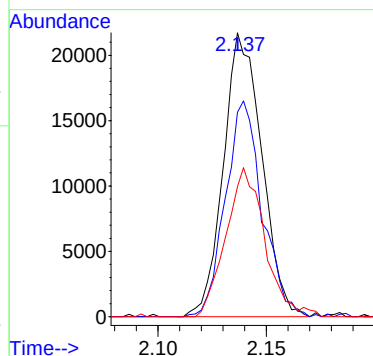
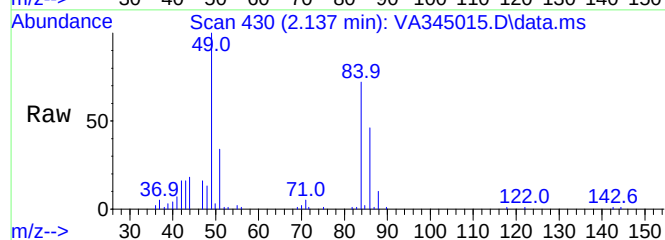
Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Mon Nov 12 13:10:19 2012
Response via : Initial Calibration
DataAcq Meth:821205S8





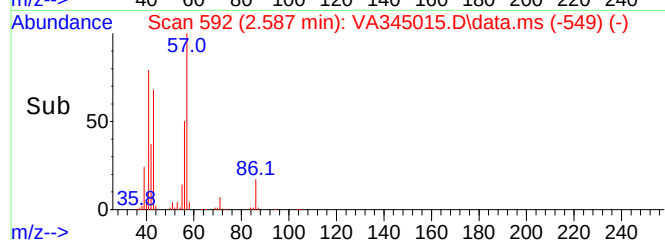
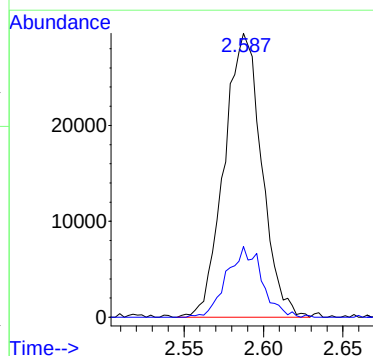
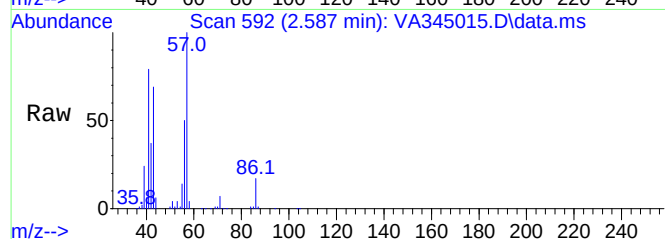
#21
METHYLENE CHLORIDE
Concen: Below Cal
RT: 2.137 min Scan# 430
Delta R.T. -0.001 min
Lab File: VA345015.D
Acq: 10 Dec 2012 11:20 am

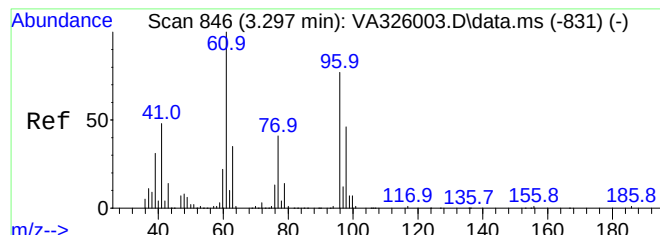
Tgt Ion: 49 Resp: 26818
Ion Ratio Lower Upper
49 100
84 73.0 55.8 83.8
86 53.3 37.3 55.9



#27
VINYL ACETATE
Concen: 2.40 UG/L
RT: 2.587 min Scan# 592
Delta R.T. -0.182 min
Lab File: VA345015.D
Acq: 10 Dec 2012 11:20 am

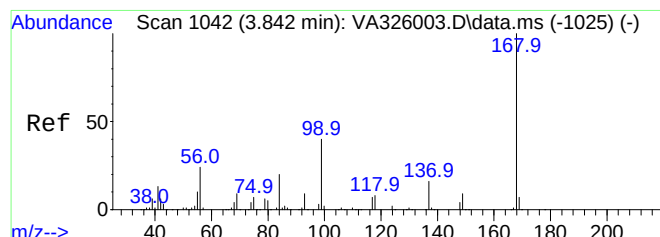
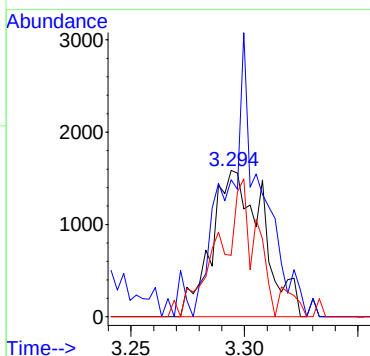
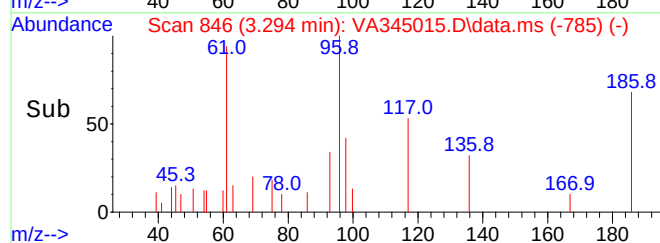
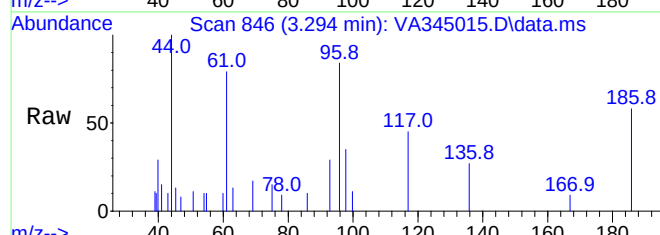
Tgt Ion: 43 Resp: 48708
Ion Ratio Lower Upper
43 100
86 23.1 6.2 9.2#





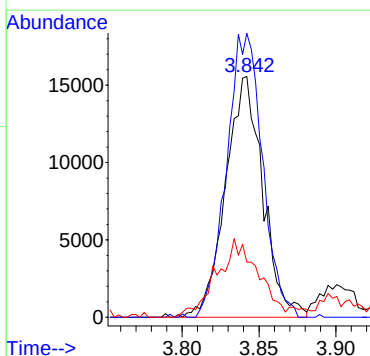
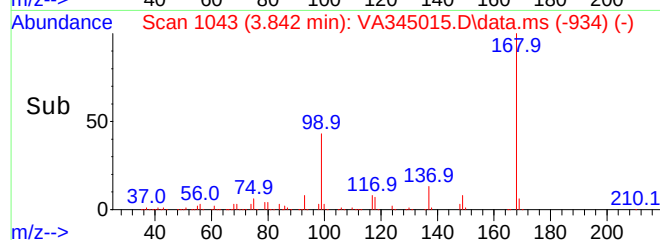
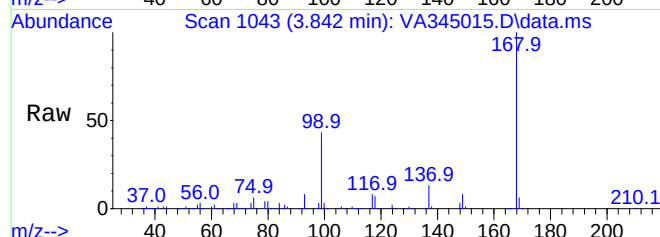
#31
CIS-1,2-DICHLOROETHENE
Concen: 0.17 UG/L
RT: 3.294 min Scan# 846
Delta R.T. -0.001 min
Lab File: VA345015.D
Acq: 10 Dec 2012 11:20 am

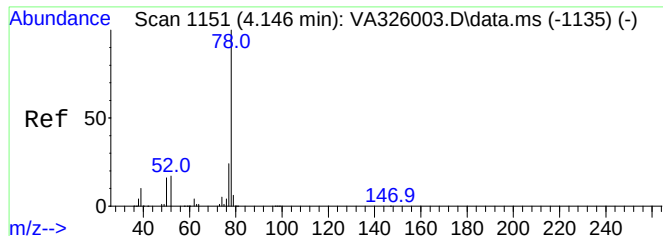
Tgt Ion: 96 Resp: 2506
Ion Ratio Lower Upper
96 100
61 126.6 121.8 182.6
98 37.4 52.2 78.2#



#40
CYCLOHEXANE
Concen: Below Cal
RT: 3.842 min Scan# 1043
Delta R.T. 0.002 min
Lab File: VA345015.D
Acq: 10 Dec 2012 11:20 am

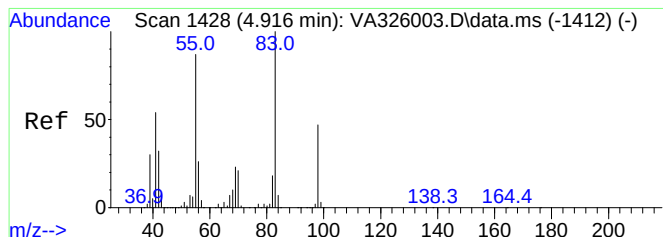
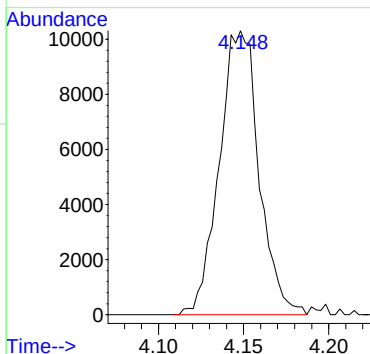
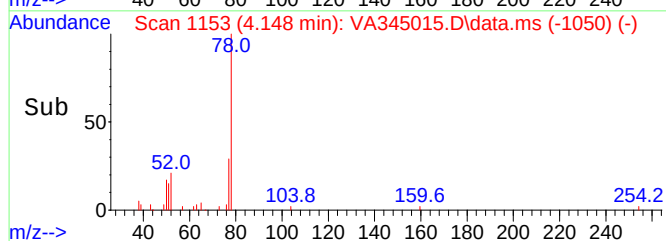
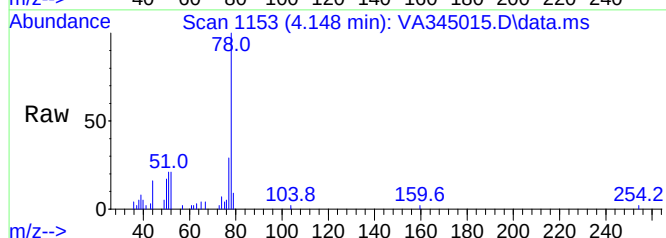
Tgt Ion: 56 Resp: 26198
Ion Ratio Lower Upper
56 100
84 113.8 64.5 96.7#
41 35.9 44.6 67.0#





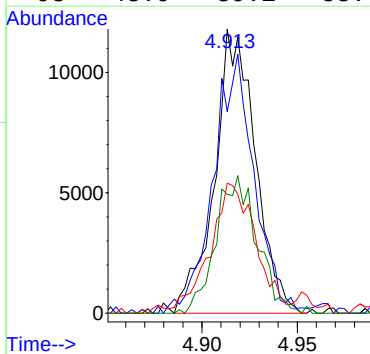
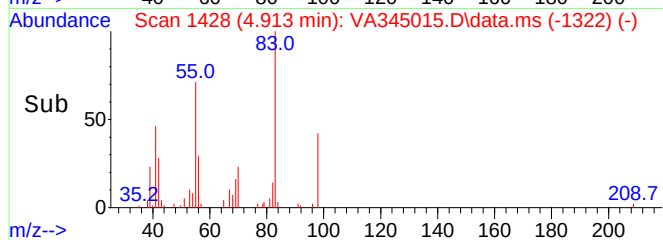
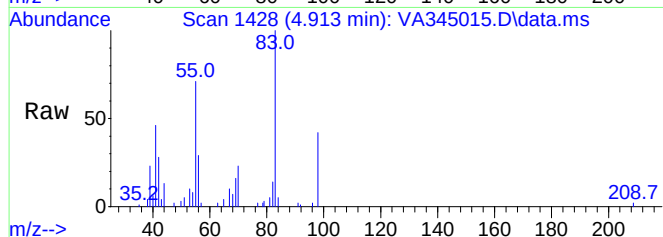
#44
 BENZENE
 Concen: 0.29 UG/L
 RT: 4.148 min Scan# 1153
 Delta R.T. 0.002 min
 Lab File: VA345015.D
 Acq: 10 Dec 2012 11:20 am

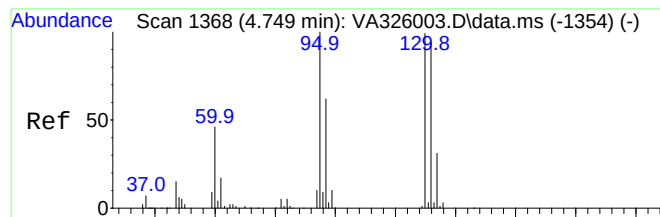
Tgt Ion: 78 Resp: 16721



#47
 METHYLCYCLOHEXANE
 Concen: 0.86 UG/L
 RT: 4.913 min Scan# 1428
 Delta R.T. -0.004 min
 Lab File: VA345015.D
 Acq: 10 Dec 2012 11:20 am

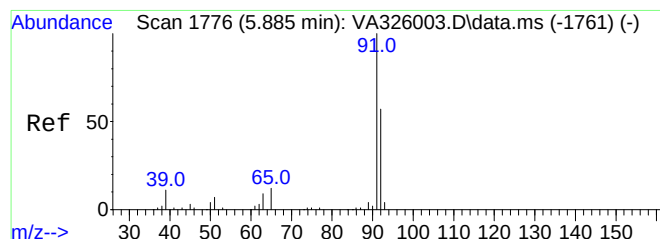
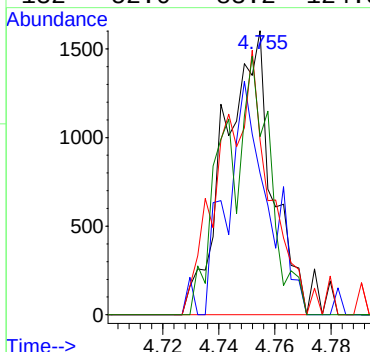
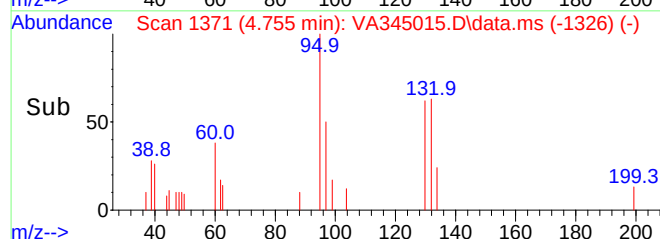
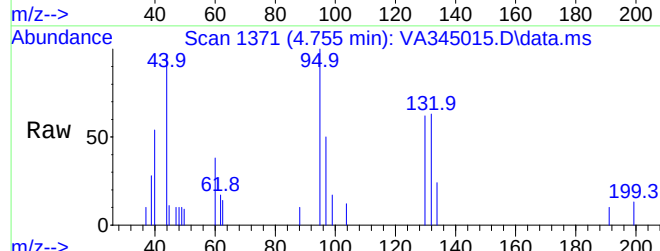
Tgt Ion: 83 Resp: 17549
 Ion Ratio Lower Upper
 83 100
 55 91.9 68.9 103.3
 41 51.6 41.3 61.9
 98 48.9 39.1 58.7





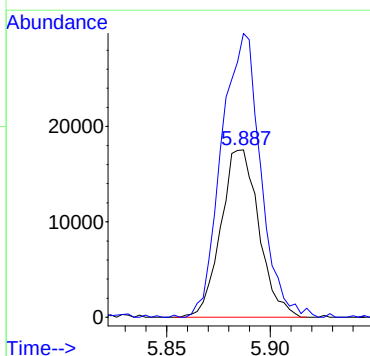
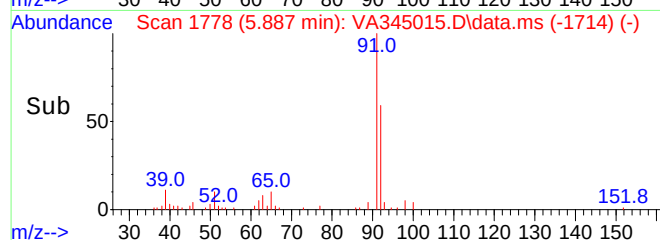
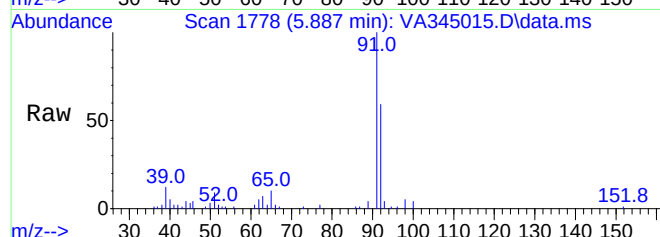
#50
TRICHLOROETHENE
Concen: 0.14 UG/L
RT: 4.755 min Scan# 1371
Delta R.T. 0.008 min
Lab File: VA345015.D
Acq: 10 Dec 2012 11:20 am

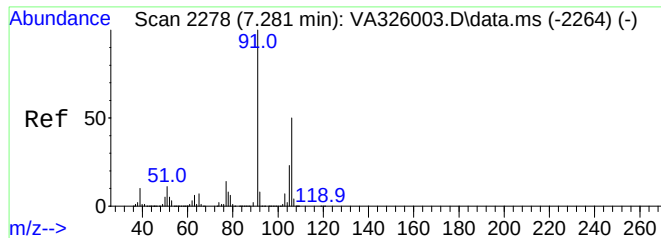
Tgt Ion: 95 Resp: 1879
Ion Ratio Lower Upper
95 100
97 72.5 51.3 76.9
130 94.7 82.2 123.4
132 52.0 83.2 124.8#



#59
TOLUENE
Concen: 0.63 UG/L
RT: 5.887 min Scan# 1778
Delta R.T. 0.002 min
Lab File: VA345015.D
Acq: 10 Dec 2012 11:20 am

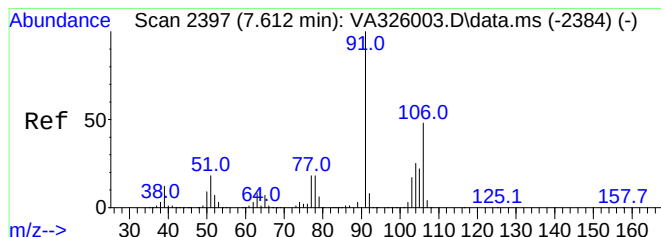
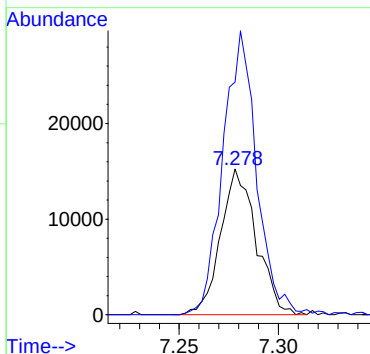
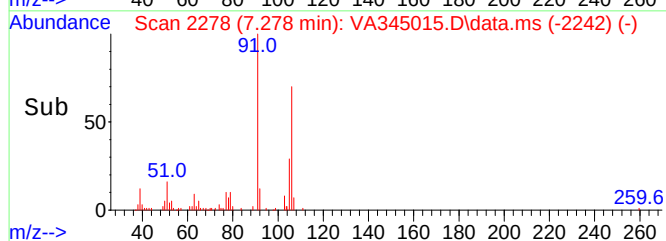
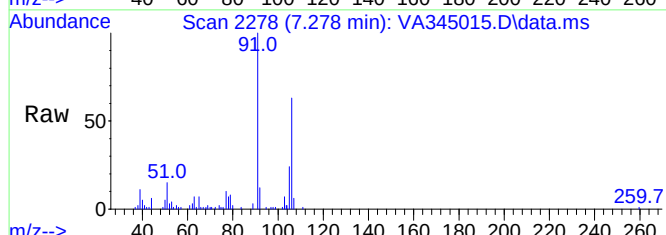
Tgt Ion: 92 Resp: 22402
Ion Ratio Lower Upper
92 100
91 174.3 134.0 201.0





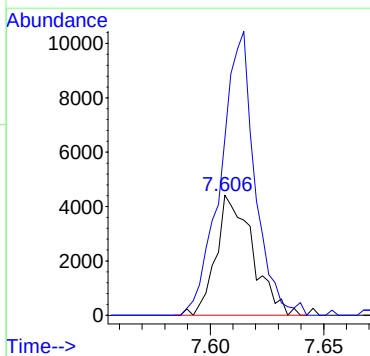
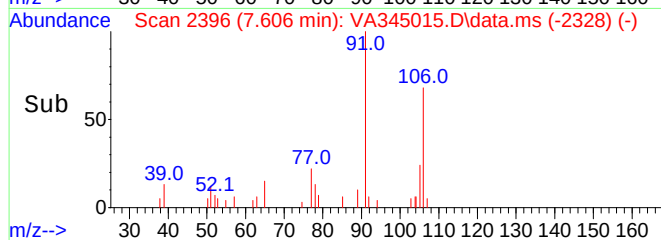
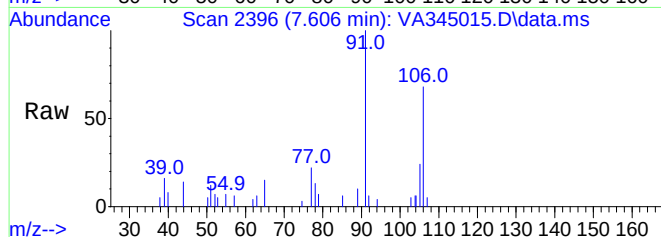
#73
M/P-XYLENES
Concen: 0.69 UG/L
RT: 7.278 min Scan# 2278
Delta R.T. -0.003 min
Lab File: VA345015.D
Acq: 10 Dec 2012 11:20 am

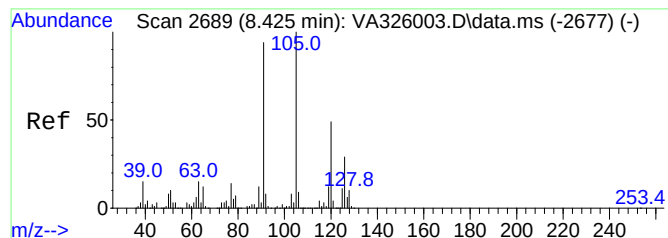
Tgt Ion:106 Resp: 19075
Ion Ratio Lower Upper
106 100
91 184.1 158.6 237.8



#74
0-XYLENE
Concen: 0.18 UG/L
RT: 7.606 min Scan# 2396
Delta R.T. -0.004 min
Lab File: VA345015.D
Acq: 10 Dec 2012 11:20 am

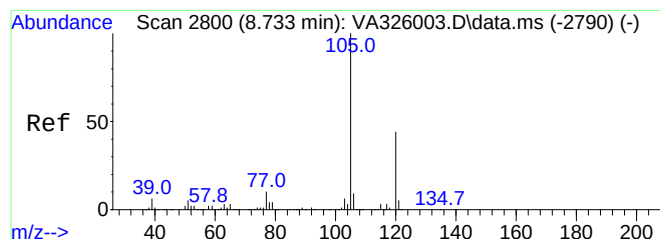
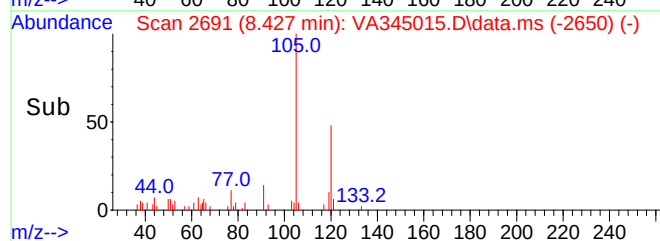
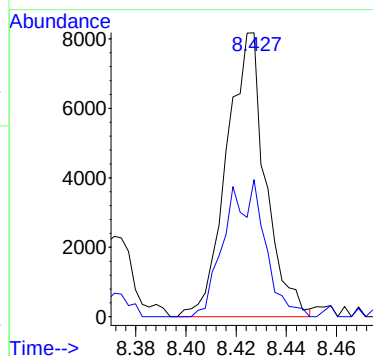
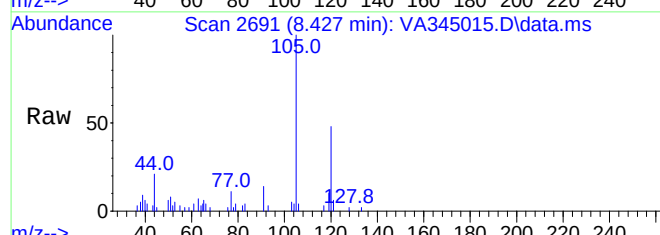
Tgt Ion:106 Resp: 4964
Ion Ratio Lower Upper
106 100
91 221.1 166.9 250.3





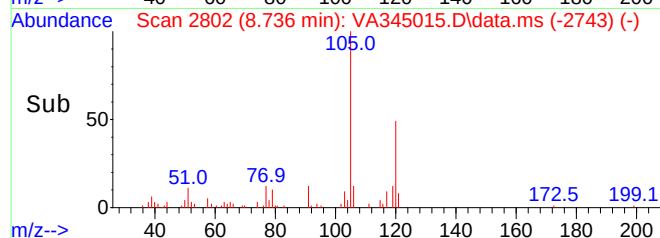
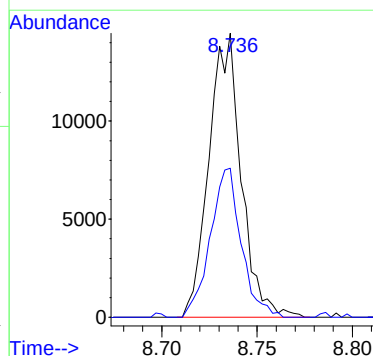
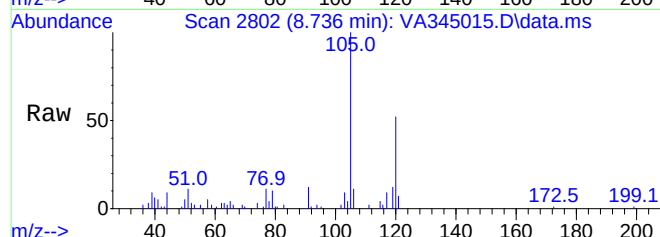
#84
1,3,5-TRIMETHYLBENZENE
Concen: 0.14 UG/L
RT: 8.427 min Scan# 2691
Delta R.T. 0.002 min
Lab File: VA345015.D
Acq: 10 Dec 2012 11:20 am

Tgt Ion:105 Resp: 8844
Ion Ratio Lower Upper
105 100
120 29.2 40.5 60.7#



#88
1,2,4-TRIMETHYLBENZENE
Concen: 0.31 UG/L
RT: 8.736 min Scan# 2802
Delta R.T. 0.002 min
Lab File: VA345015.D
Acq: 10 Dec 2012 11:20 am

Tgt Ion:105 Resp: 17021
Ion Ratio Lower Upper
105 100
120 50.4 37.3 55.9



Data Path : V:\DATA\121012\
 Data File : VA345015.D
 Acq On : 10 Dec 2012 11:20 am
 Operator : MFF
 Sample : 12L0266-04
 Misc :
 ALS Vial : 15 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: VA345015.D\data.ms

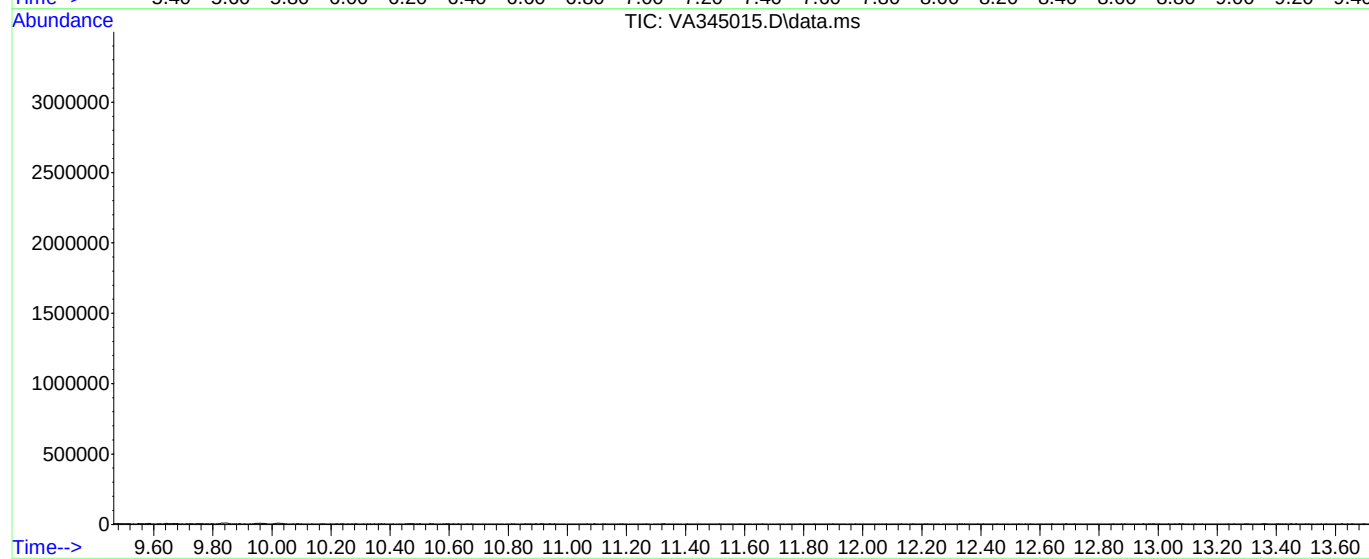
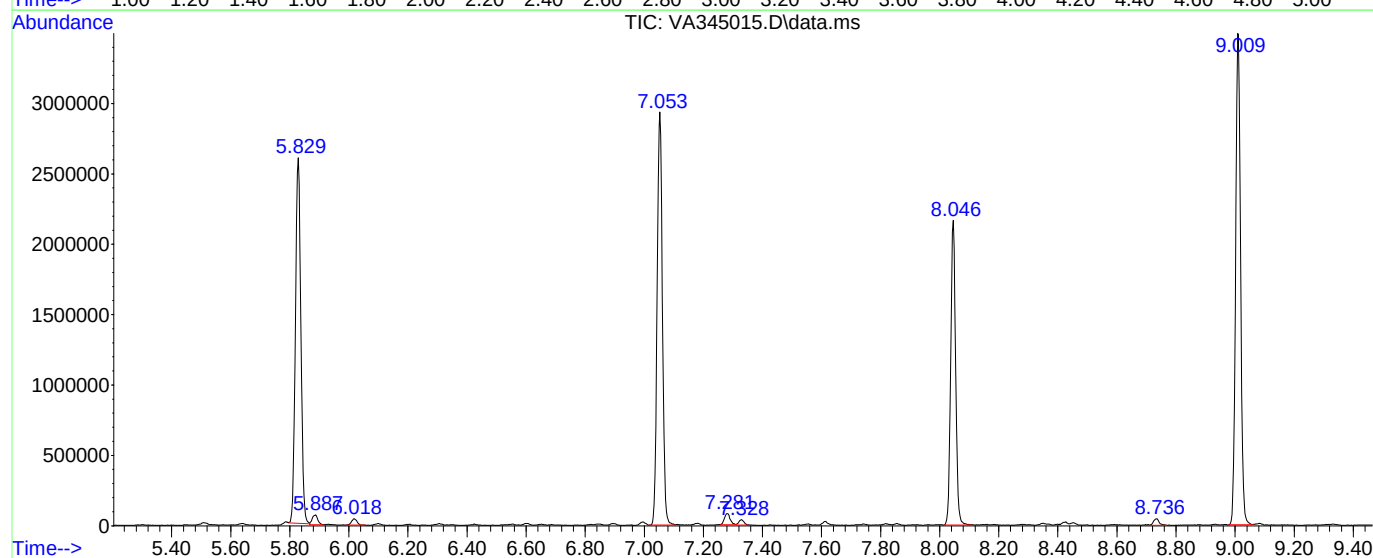
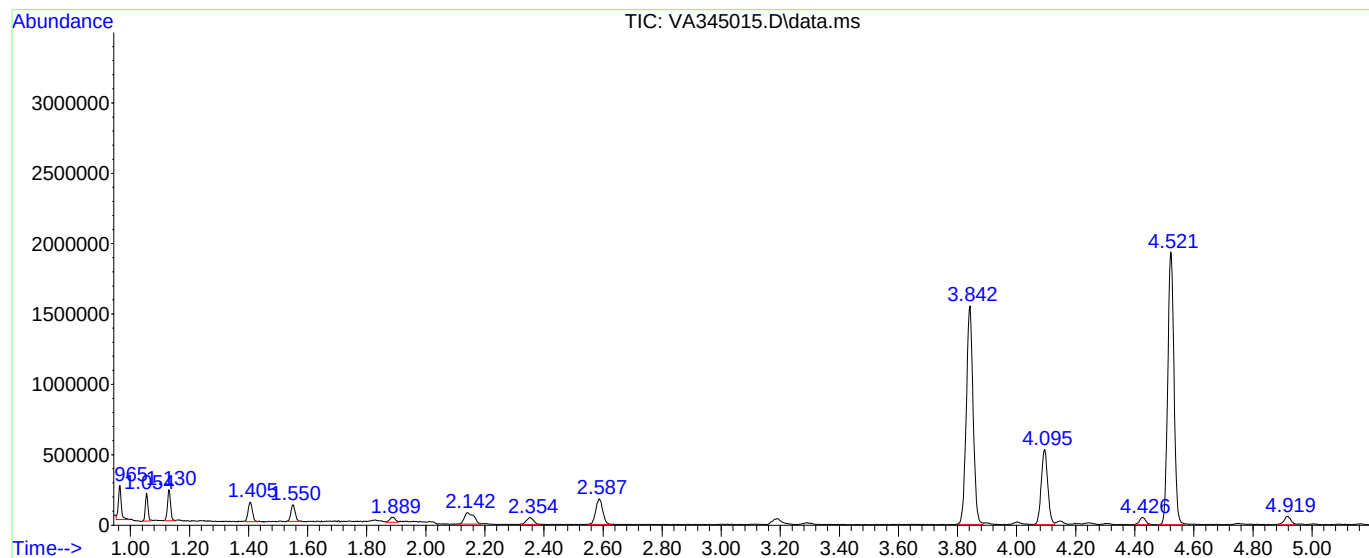
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	0.965	4	9	19	rVB	240964	165482	4.06%	0.770%
2	1.054	36	41	46	rBV	200670	123931	3.04%	0.577%
3	1.130	63	68	76	rVB	219979	157372	3.86%	0.733%
4	1.405	161	167	176	rVB	139221	137967	3.38%	0.642%
5	1.550	213	219	227	rVB2	116450	114914	2.82%	0.535%
6	1.889	333	341	347	rBV3	36013	45731	1.12%	0.213%
7	2.142	419	432	448	rBV5	81858	182942	4.49%	0.852%
8	2.354	498	508	519	rVB3	48481	77078	1.89%	0.359%
9	2.587	578	592	607	rBV3	182653	298096	7.31%	1.388%
10	3.842	1028	1043	1059	rBV	1550784	2462554	60.38%	11.464%
11	4.095	1121	1134	1146	rBV2	534369	818003	20.06%	3.808%
12	4.426	1243	1253	1262	rBV3	51755	74589	1.83%	0.347%
13	4.521	1271	1287	1304	rBV	1937995	2832291	69.45%	13.186%
14	4.919	1417	1430	1439	rBV5	59226	92934	2.28%	0.433%
15	5.829	1746	1757	1771	rVV	2594852	3294233	80.78%	15.336%
16	5.887	1771	1778	1788	rVB2	71798	92802	2.28%	0.432%
17	6.018	1816	1825	1838	rVB5	45059	59113	1.45%	0.275%
18	7.053	2185	2197	2216	rBV	2935453	3645227	89.38%	16.970%
19	7.281	2270	2279	2290	rBV4	79337	105828	2.59%	0.493%
20	7.328	2290	2296	2304	rVB3	38399	41973	1.03%	0.195%
21	8.046	2543	2554	2575	rBV	2163734	2519663	61.78%	11.730%
22	8.736	2793	2802	2814	rVB4	46773	59035	1.45%	0.275%
23	9.009	2889	2900	2919	rBV	3492324	4078218	100.00%	18.986%

Sum of corrected areas: 21479976

Data Path : V:\DATA\121012\
Data File : VA345015.D
Acq On : 10 Dec 2012 11:20 am
Operator : MFF
Sample : 12L0266-04
Misc :
ALS Vial : 15 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\121012\
Data File : VA345015.D
Acq On : 10 Dec 2012 11:20 am
Operator : MFF
Sample : 12L0266-04
Misc :
ALS Vial : 15 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\121012\
Data File : VA345015.D
Acq On : 10 Dec 2012 11:20 am
Operator : MFF
Sample : 12L0266-04
Misc :
ALS Vial : 15 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-18 (6-8ft)

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0266
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: 12L0266-05 File ID: VA345016.D
 Sampled: 12/07/12 10:30 Prepared: 12/10/12 05:45 Analyzed: 12/10/12 11:47
 Solids: 85.30 Preparation: SW-846 5035 Dilution: 1
 Initial/Final: 5.6 g / 10 mL
 Batch: B064340 Sequence: S003568 Calibration: 1200210 Instrument: GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone		0.024	0.10	V-05, V-16
107-13-1	Acrylonitrile		0.0026	0.0063	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.00073	0.0010	
71-43-2	Benzene		0.00073	0.0021	
108-86-1	Bromobenzene		0.00084	0.0021	
74-97-5	Bromochloromethane		0.0015	0.0021	
75-27-4	Bromodichloromethane		0.00063	0.0021	
75-25-2	Bromoform		0.0015	0.0021	
74-83-9	Bromomethane		0.0018	0.010	
78-93-3	2-Butanone (MEK)		0.018	0.042	V-16
75-65-0	tert-Butyl Alcohol (TBA)		0.022	0.042	V-16
104-51-8	n-Butylbenzene		0.00073	0.0021	
135-98-8	sec-Butylbenzene		0.0010	0.0021	
98-06-6	tert-Butylbenzene		0.00094	0.0021	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.00063	0.0021	
75-15-0	Carbon Disulfide		0.0035	0.0063	
56-23-5	Carbon Tetrachloride		0.00084	0.0021	
108-90-7	Chlorobenzene		0.00073	0.0021	
124-48-1	Chlorodibromomethane		0.00073	0.0010	
75-00-3	Chloroethane		0.0016	0.021	
67-66-3	Chloroform		0.00073	0.0042	
74-87-3	Chloromethane		0.00094	0.010	
95-49-8	2-Chlorotoluene		0.00084	0.0021	
106-43-4	4-Chlorotoluene		0.00084	0.0021	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.0012	0.0021	V-16

1 - FORM I

ANALYSIS DATA SHEET

B-18 (6-8ft)

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266				
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners				
Matrix:	Soil	Laboratory ID:	12L0266-05	File ID:	VA345016.D		
Sampled:	12/07/12 10:30	Prepared:	12/10/12 05:45	Analyzed:	12/10/12 11:47		
Solids:	85.30	Preparation:	SW-846 5035	Dilution:	1		
Initial/Final:	5.6 g / 10 mL						
Batch:	B064340	Sequence:	S003568	Calibration:	1200210	Instrument:	GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
106-93-4	1,2-Dibromoethane (EDB)		0.0010	0.0010	
74-95-3	Dibromomethane		0.00063	0.0021	
95-50-1	1,2-Dichlorobenzene		0.00073	0.0021	
541-73-1	1,3-Dichlorobenzene		0.00073	0.0021	
106-46-7	1,4-Dichlorobenzene		0.00084	0.0021	
110-57-6	trans-1,4-Dichloro-2-butene		0.0013	0.0042	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.0014	0.021	
75-34-3	1,1-Dichloroethane		0.00073	0.0021	
107-06-2	1,2-Dichloroethane		0.0014	0.0021	
75-35-4	1,1-Dichloroethylene		0.0012	0.0042	
156-59-2	cis-1,2-Dichloroethylene		0.00084	0.0021	
156-60-5	trans-1,2-Dichloroethylene		0.00094	0.0021	
78-87-5	1,2-Dichloropropane		0.0014	0.0021	
142-28-9	1,3-Dichloropropane		0.00073	0.0010	
594-20-7	2,2-Dichloropropane		0.00094	0.0021	
563-58-6	1,1-Dichloropropene		0.00094	0.0021	
10061-01-5	cis-1,3-Dichloropropene		0.00073	0.0010	
10061-02-6	trans-1,3-Dichloropropene		0.00073	0.0010	
60-29-7	Diethyl Ether		0.0019	0.021	
108-20-3	Diisopropyl Ether (DIPE)		0.00063	0.0010	
123-91-1	1,4-Dioxane		0.060	0.10	V-16
100-41-4	Ethylbenzene		0.00084	0.0021	
87-68-3	Hexachlorobutadiene		0.0010	0.0021	
591-78-6	2-Hexanone (MBK)		0.011	0.021	
98-82-8	Isopropylbenzene (Cumene)		0.00073	0.0021	

1 - FORM I

ANALYSIS DATA SHEET

B-18 (6-8ft)

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266				
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners				
Matrix:	Soil	Laboratory ID:	12L0266-05	File ID:	VA345016.D		
Sampled:	12/07/12 10:30	Prepared:	12/10/12 05:45	Analyzed:	12/10/12 11:47		
Solids:	85.30	Preparation:	SW-846 5035	Dilution:	1		
Initial/Final:	5.6 g / 10 mL						
Batch:	B064340	Sequence:	S003568	Calibration:	1200210	Instrument:	GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.00084	0.0021	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.00094	0.0042	
75-09-2	Methylene Chloride		0.0074	0.021	V-05
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0080	0.021	
91-20-3	Naphthalene		0.00073	0.0042	V-05
103-65-1	n-Propylbenzene		0.00073	0.0021	
100-42-5	Styrene		0.00063	0.0021	
630-20-6	1,1,1,2-Tetrachloroethane		0.00094	0.0021	
79-34-5	1,1,2,2-Tetrachloroethane		0.00094	0.0010	
127-18-4	Tetrachloroethylene		0.0014	0.0021	
109-99-9	Tetrahydrofuran		0.0023	0.010	V-16
108-88-3	Toluene	0.0022	0.00084	0.0021	
87-61-6	1,2,3-Trichlorobenzene		0.00063	0.0021	
120-82-1	1,2,4-Trichlorobenzene		0.00084	0.0021	
108-70-3	1,3,5-Trichlorobenzene		0.00073	0.0021	
71-55-6	1,1,1-Trichloroethane		0.0010	0.0021	
79-00-5	1,1,2-Trichloroethane		0.0013	0.0021	
79-01-6	Trichloroethylene		0.00094	0.0021	
75-69-4	Trichlorofluoromethane (Freon 11)		0.0012	0.010	
96-18-4	1,2,3-Trichloropropane		0.0012	0.0021	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)		0.00094	0.010	
95-63-6	1,2,4-Trimethylbenzene		0.00084	0.0021	
108-67-8	1,3,5-Trimethylbenzene		0.00063	0.0021	
75-01-4	Vinyl Chloride		0.0012	0.010	
108383/106423	m+p Xylene		0.0018	0.0042	

1 - FORM I

ANALYSIS DATA SHEET

B-18 (6-8ft)

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266				
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners				
Matrix:	Soil	Laboratory ID:	12L0266-05	File ID:	VA345016.D		
Sampled:	12/07/12 10:30	Prepared:	12/10/12 05:45	Analyzed:	12/10/12 11:47		
Solids:	85.30	Preparation:	SW-846 5035	Dilution:	1		
Initial/Final:	5.6 g / 10 mL						
Batch:	B064340	Sequence:	S003568	Calibration:	1200210	Instrument:	GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
95-47-6	o-Xylene		0.00073	0.0021	
	No TICs Found	0.0			

Data File : V:\DATA\121012\VA345016.D
 Acq On : 10 Dec 2012 11:47 am
 Sample : 12L0266-05
 InstName : GCMSVOA1
 Misc :
 Quant Time: Dec 10 12:20:24 2012

Vial: 16
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

124

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	3.839	168	937107	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.520	114	1277005	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.052	117	1237417	30.00	UG/L	0.00
86) 1,4-DICHLOROBENZENE-D4...	9.011	152	743816	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.095	65	295171	22.86	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	91.44%	
48) TOLUENE SS	5.828	98	1293602	25.15	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	100.60%	
69) 4-BROMOFLUROBENZENE SS	8.045	95	480285	24.05	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	96.20%	
Target Compounds						
12) ACETONE	1.841	58	4626m	5.746	UG/L	Qvalue
21) METHYLENE CHLORIDE	2.136	49	25986	Below	Cal	# 90
44) BENZENE	4.145	78	28990	0.521	UG/L	100
47) METHYLCYCLOHEXANE	4.913	83	23370	1.090	UG/L	96
59) TOLUENE	5.884	92	39620	1.061	UG/L	92
72) ETHYLBENZENE	7.180	91	10289	0.146	UG/L	99
73) M/P-XYLENES	7.278	106	28625	1.010	UG/L	98
74) O-XYLENE	7.609	106	9479	0.340	UG/L	93
84) 1,3,5-TRIMETHYLBENZENE	8.421	105	14498	0.226	UG/L	99
88) 1,2,4-TRIMETHYLBENZENE	8.730	105	33526	0.578	UG/L	97

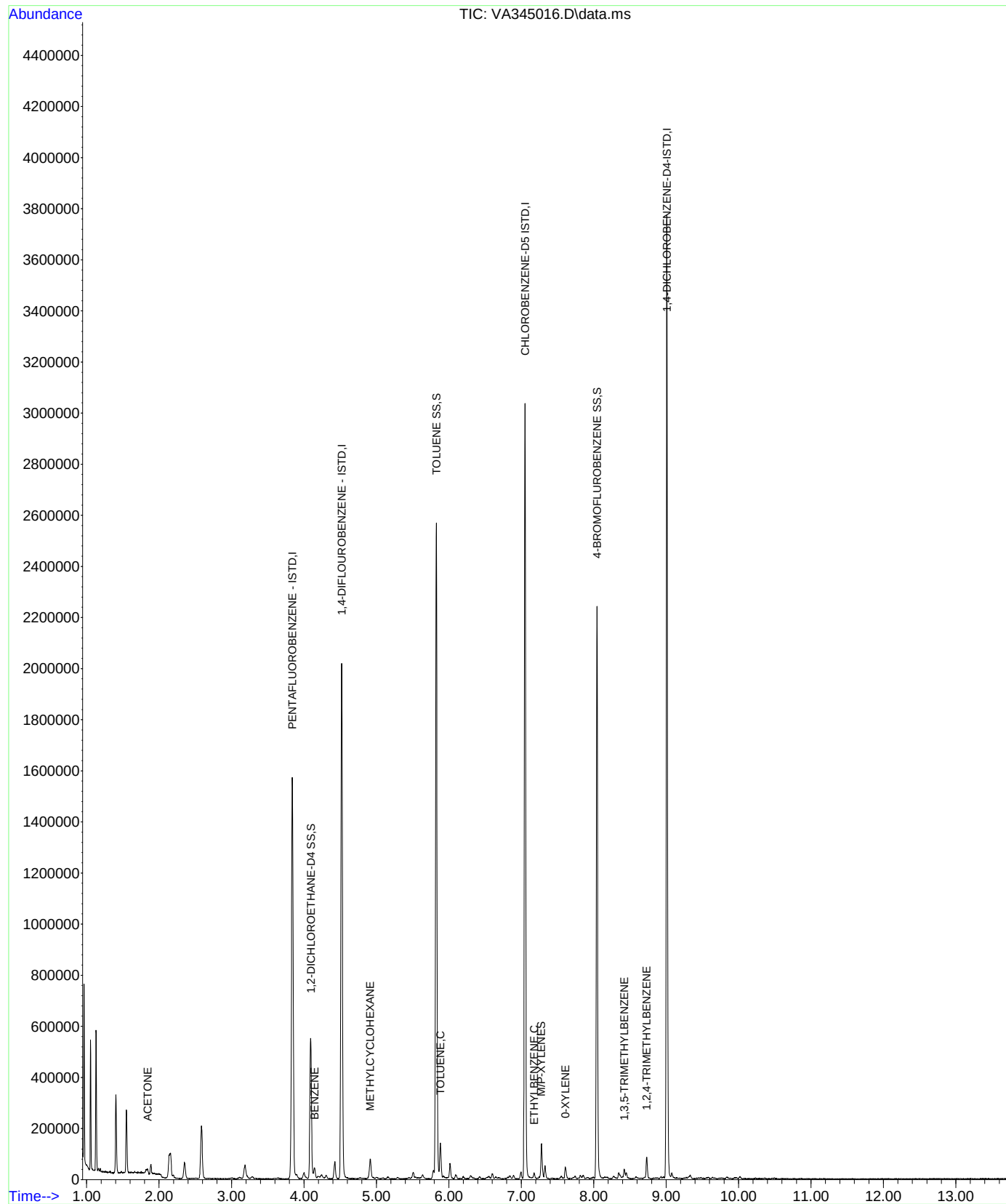
(#) = qualifier out of range (m) = manual integration (+) = signals summed

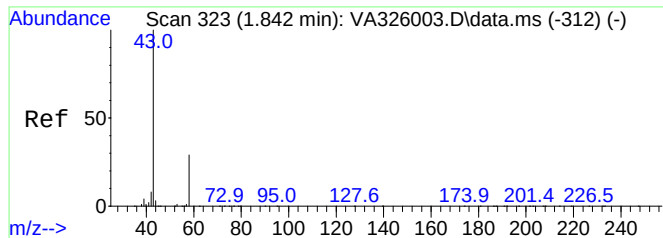
Data File : V:\DATA\121012\VA345016.D
Acq On : 10 Dec 2012 11:47 am
Sample : 12L0266-05
InstName : GCMSVOA1
Misc :
Quant Time: Dec 10 12:20:24 2012

Vial: 16
Operator: MFF
Inst : GCMSVOA1
Multiplr: 1.00

125

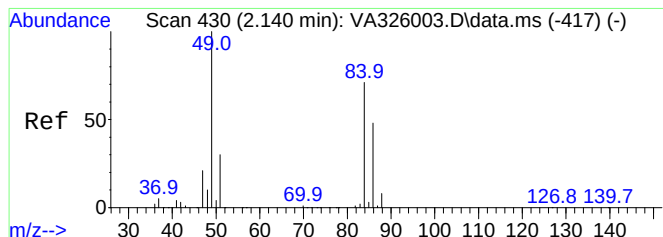
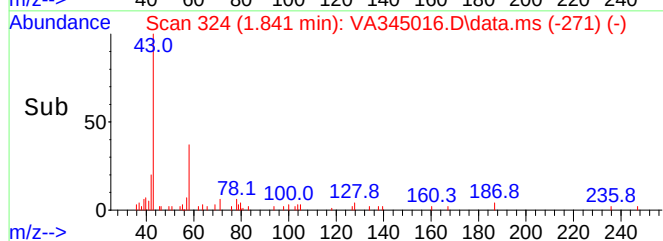
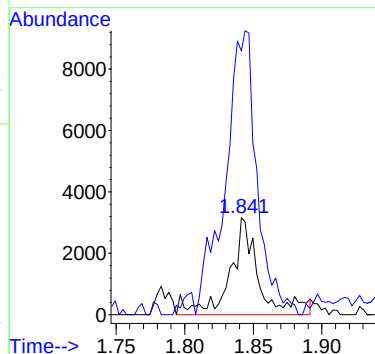
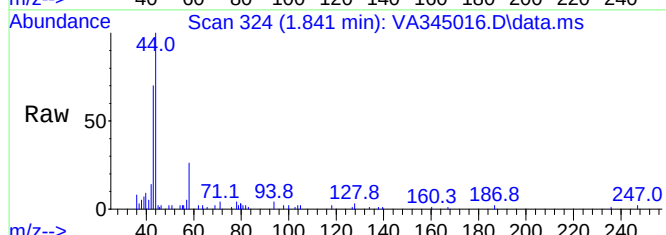
Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Mon Nov 12 13:10:19 2012
Response via : Initial Calibration
DataAcq Meth:821205S8





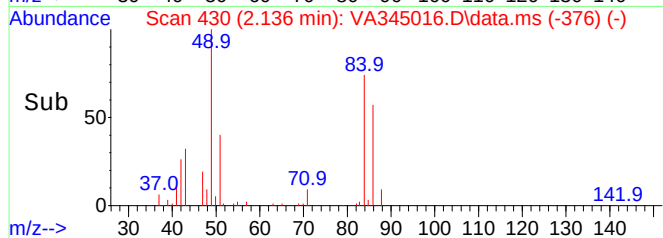
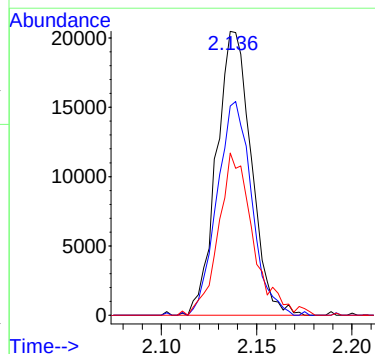
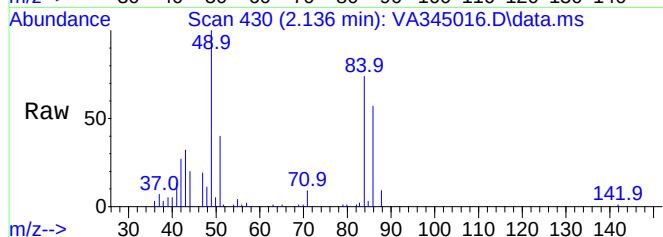
#12
ACETONE
Concen: 5.75 UG/L m
RT: 1.841 min Scan# 324
Delta R.T. -0.001 min
Lab File: VA345016.D
Acq: 10 Dec 2012 11:47 am

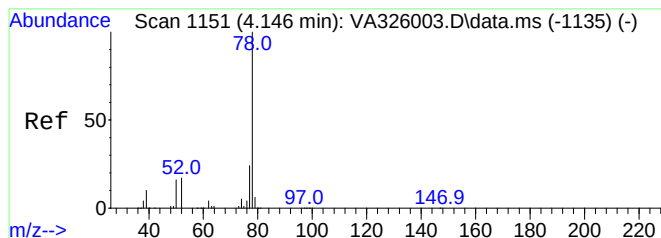
Tgt Ion: 58 Resp: 4626
Ion Ratio Lower Upper
58 100
43 11.9 273.3 409.9#



#21
METHYLENE CHLORIDE
Concen: Below Cal
RT: 2.136 min Scan# 430
Delta R.T. -0.002 min
Lab File: VA345016.D
Acq: 10 Dec 2012 11:47 am

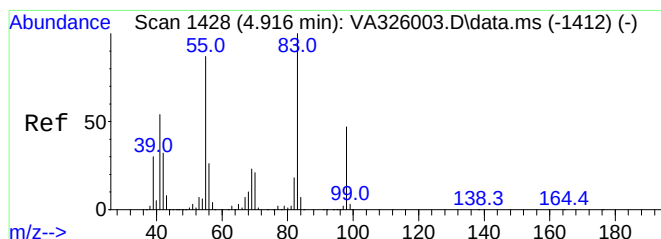
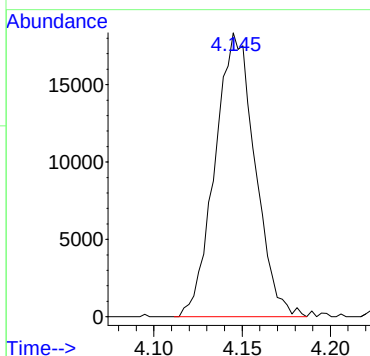
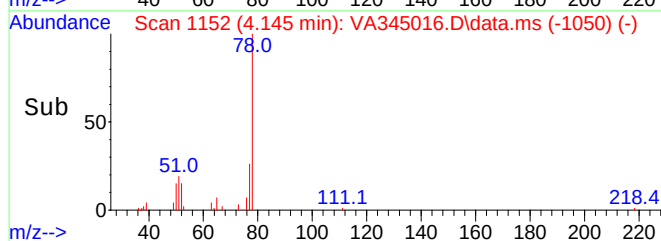
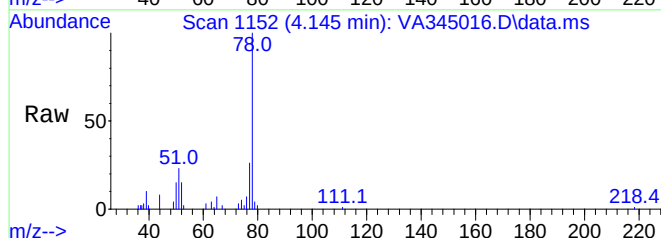
Tgt Ion: 49 Resp: 25986
Ion Ratio Lower Upper
49 100
84 75.2 55.8 83.8
86 56.0 37.3 55.9#





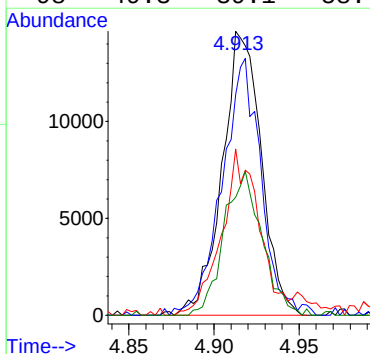
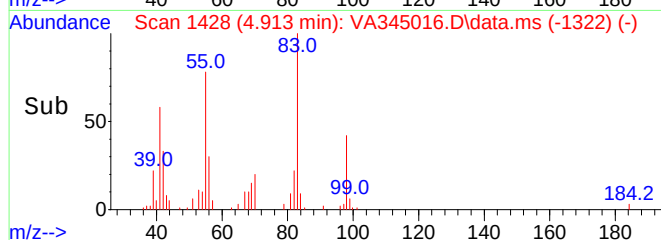
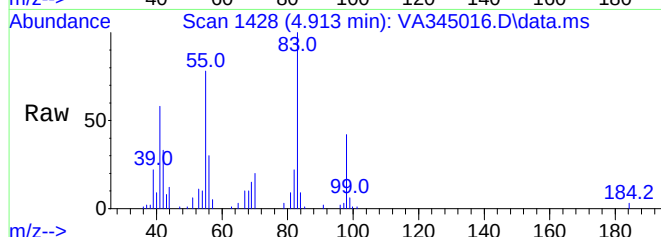
#44
 BENZENE
 Concen: 0.52 UG/L
 RT: 4.145 min Scan# 1152
 Delta R.T. -0.002 min
 Lab File: VA345016.D
 Acq: 10 Dec 2012 11:47 am

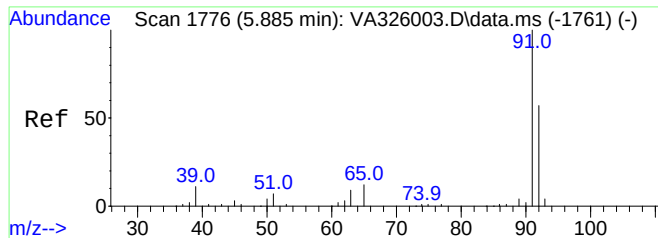
Tgt Ion: 78 Resp: 28990



#47
 METHYLCYCLOHEXANE
 Concen: 1.09 UG/L
 RT: 4.913 min Scan# 1428
 Delta R.T. -0.004 min
 Lab File: VA345016.D
 Acq: 10 Dec 2012 11:47 am

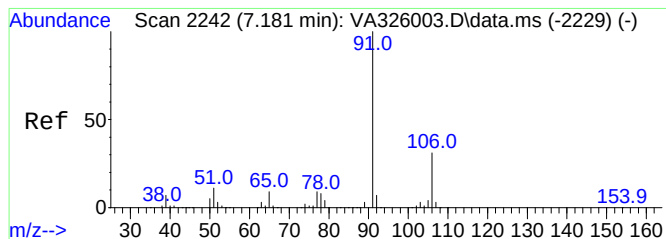
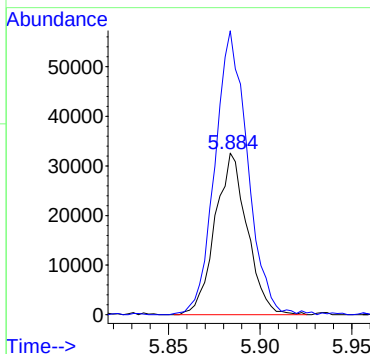
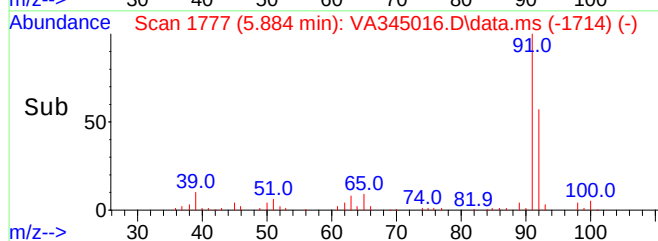
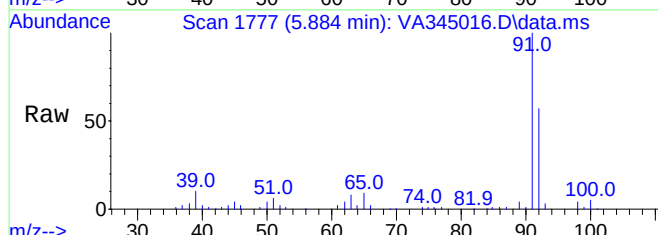
Tgt Ion: 83 Resp: 23370
 Ion Ratio Lower Upper
 83 100
 55 89.6 68.9 103.3
 41 56.1 41.3 61.9
 98 49.3 39.1 58.7





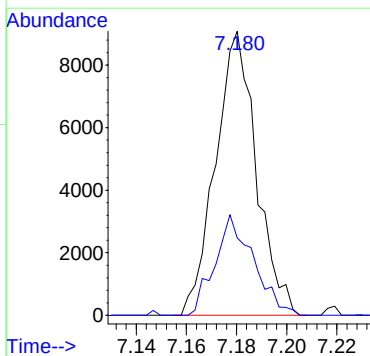
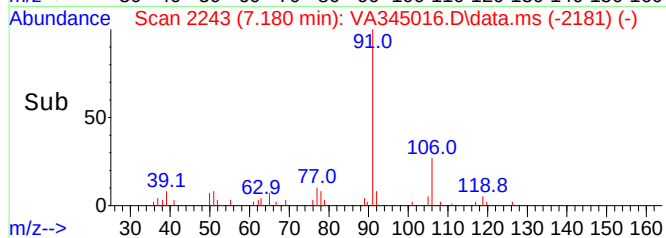
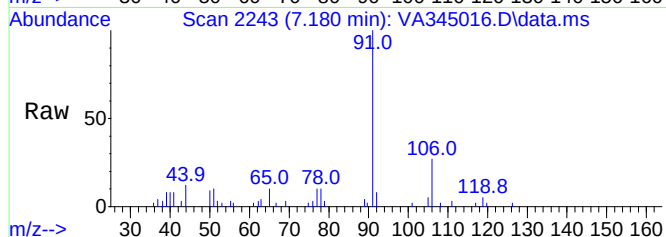
#59
TOLUENE
Concen: 1.06 UG/L
RT: 5.884 min Scan# 1777
Delta R.T. -0.002 min
Lab File: VA345016.D
Acq: 10 Dec 2012 11:47 am

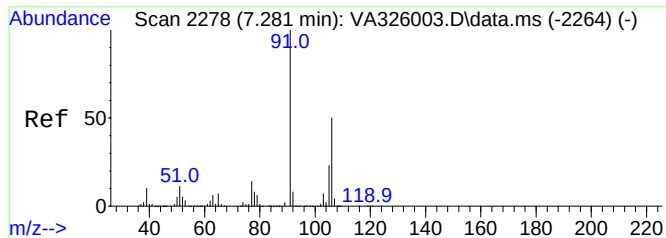
Tgt Ion: 92 Resp: 39620
Ion Ratio Lower Upper
92 100
91 178.3 134.0 201.0



#72
ETHYLBENZENE
Concen: 0.15 UG/L
RT: 7.180 min Scan# 2243
Delta R.T. -0.002 min
Lab File: VA345016.D
Acq: 10 Dec 2012 11:47 am

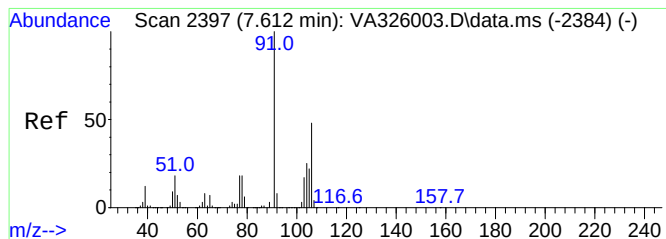
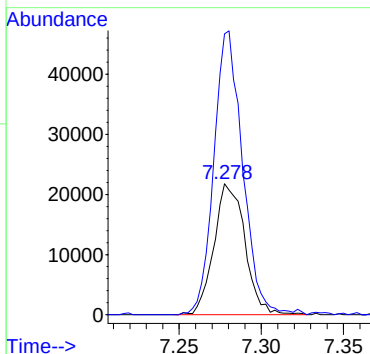
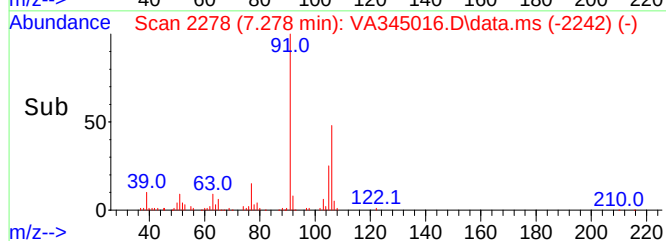
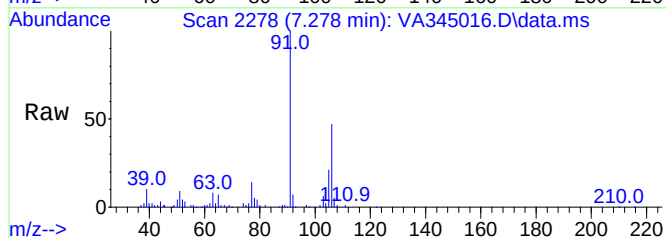
Tgt Ion: 91 Resp: 10289
Ion Ratio Lower Upper
91 100
106 33.2 25.9 38.9





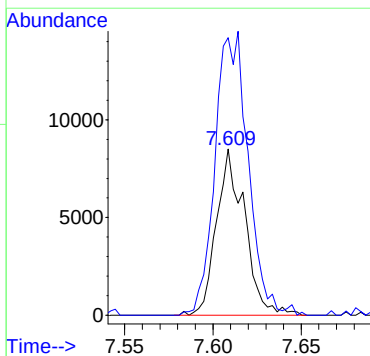
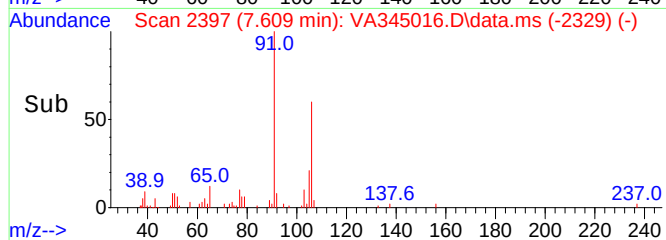
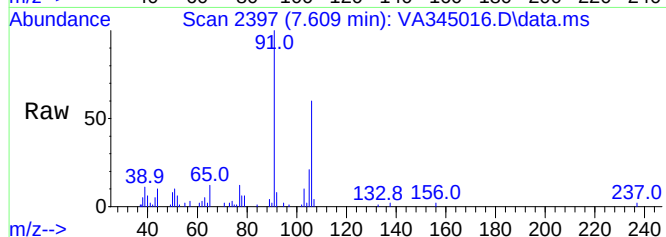
#73
M/P-XYLENES
Concen: 1.01 UG/L
RT: 7.278 min Scan# 2278
Delta R.T. -0.003 min
Lab File: VA345016.D
Acq: 10 Dec 2012 11:47 am

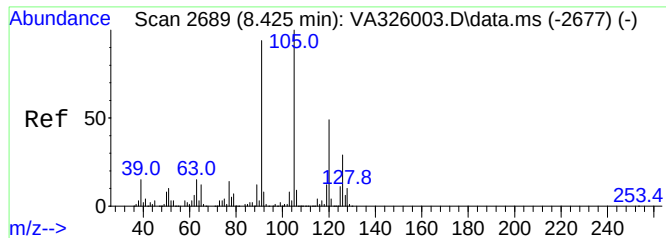
Tgt Ion:106 Resp: 28625
Ion Ratio Lower Upper
106 100
91 201.0 158.6 237.8



#74
O-XYLENE
Concen: 0.34 UG/L
RT: 7.609 min Scan# 2397
Delta R.T. -0.002 min
Lab File: VA345016.D
Acq: 10 Dec 2012 11:47 am

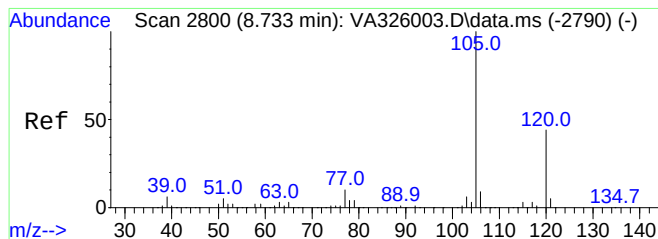
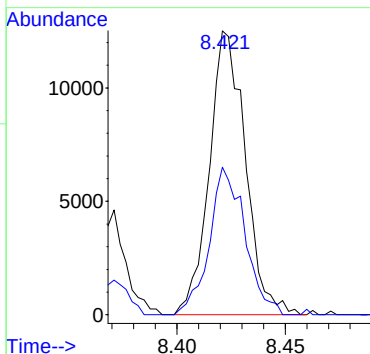
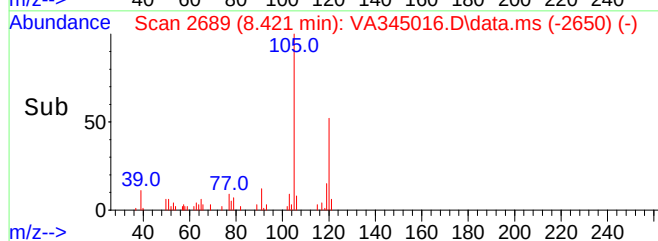
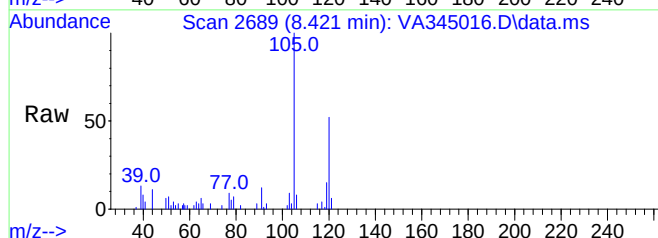
Tgt Ion:106 Resp: 9479
Ion Ratio Lower Upper
106 100
91 197.8 166.9 250.3





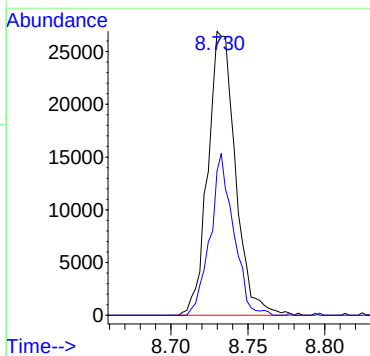
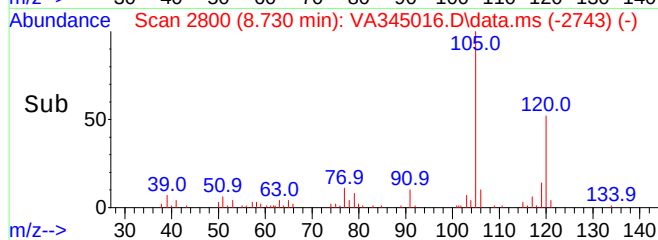
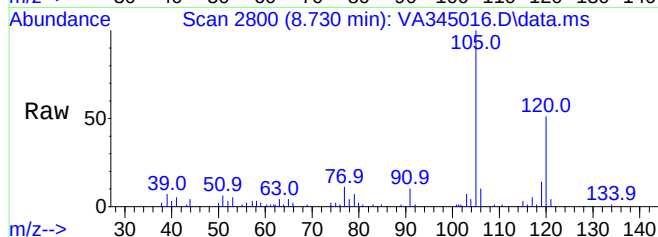
#84
1,3,5-TRIMETHYLBENZENE
Concen: 0.23 UG/L
RT: 8.421 min Scan# 2689
Delta R.T. -0.004 min
Lab File: VA345016.D
Acq: 10 Dec 2012 11:47 am

Tgt Ion:105 Resp: 14498
Ion Ratio Lower Upper
105 100
120 51.3 40.5 60.7



#88
1,2,4-TRIMETHYLBENZENE
Concen: 0.58 UG/L
RT: 8.730 min Scan# 2800
Delta R.T. -0.004 min
Lab File: VA345016.D
Acq: 10 Dec 2012 11:47 am

Tgt Ion:105 Resp: 33526
Ion Ratio Lower Upper
105 100
120 48.3 37.3 55.9



Data Path : V:\DATA\121012\
 Data File : VA345016.D
 Acq On : 10 Dec 2012 11:47 am
 Operator : MFF
 Sample : 12L0266-05
 Misc :
 ALS Vial : 16 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: VA345016.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	0.962	4	8	19	rVB	709619	444910	10.38%	1.877%
2	1.054	36	41	48	rBV	507158	311117	7.26%	1.312%
3	1.129	63	68	75	rVB	550217	388142	9.05%	1.637%
4	1.404	159	167	178	rVB	305916	295667	6.90%	1.247%
5	1.549	212	219	230	rVB2	246624	245194	5.72%	1.034%
6	1.889	334	341	348	rBV2	38475	45117	1.05%	0.190%
7	2.142	419	432	434	rBV	91134	116386	2.71%	0.491%
8	2.350	494	507	520	rVB3	64789	107410	2.51%	0.453%
9	2.584	579	591	604	rBV2	205614	332868	7.76%	1.404%
10	3.185	792	807	821	rBV3	53317	106744	2.49%	0.450%
11	3.839	1024	1042	1059	rBV	1570482	2527484	58.95%	10.661%
12	4.092	1120	1133	1145	rBV2	548940	855573	19.96%	3.609%
13	4.145	1147	1152	1163	rVB4	40690	59212	1.38%	0.250%
14	4.426	1242	1253	1266	rBV4	67568	103334	2.41%	0.436%
15	4.520	1272	1287	1305	rBV	2017057	2910064	67.88%	12.275%
16	4.913	1414	1428	1442	rBV4	76126	126978	2.96%	0.536%
17	5.789	1731	1743	1746	rBV3	32950	44793	1.04%	0.189%
18	5.828	1746	1757	1770	rVV	2564324	3406330	79.45%	14.368%
19	5.884	1770	1777	1787	rVB	134573	171322	4.00%	0.723%
20	6.017	1817	1825	1834	rVB3	57548	70824	1.65%	0.299%
21	7.052	2184	2197	2215	rBV	3032545	3735793	87.14%	15.758%
22	7.280	2269	2279	2290	rBV	132980	175317	4.09%	0.739%
23	7.328	2290	2296	2310	rVB2	50314	62393	1.46%	0.263%
24	7.609	2390	2397	2407	rBV2	44804	55676	1.30%	0.235%
25	8.045	2542	2554	2577	rBV	2239383	2624231	61.21%	11.069%
26	8.733	2793	2801	2810	rVB2	81965	97601	2.28%	0.412%
27	9.011	2889	2901	2920	rBV	3768752	4287342	100.00%	18.084%

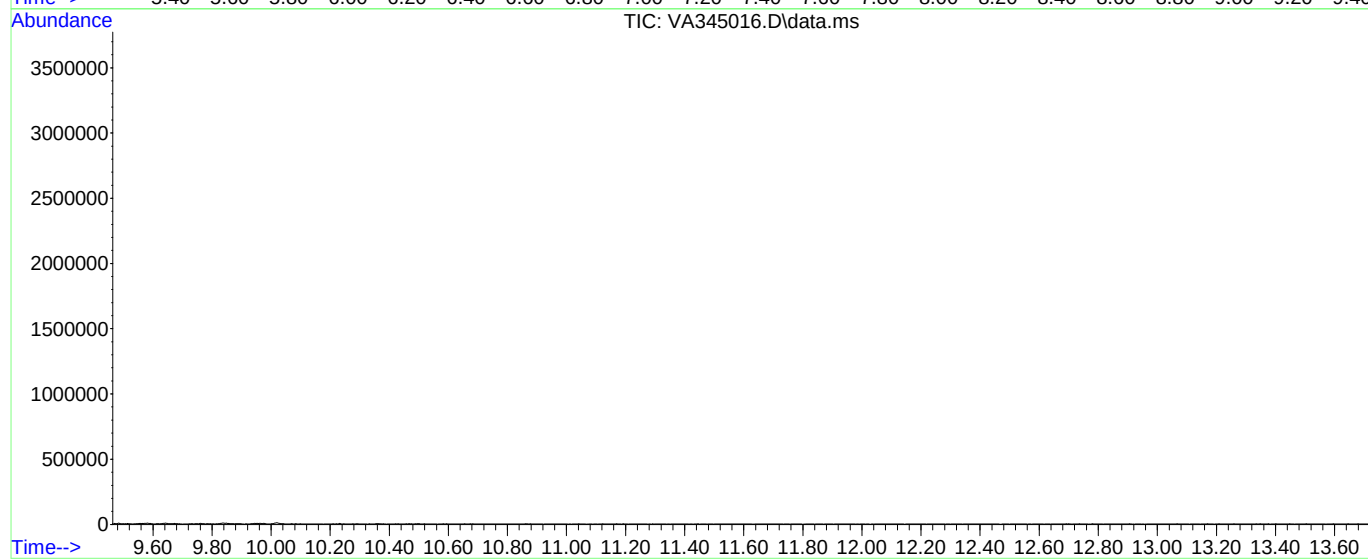
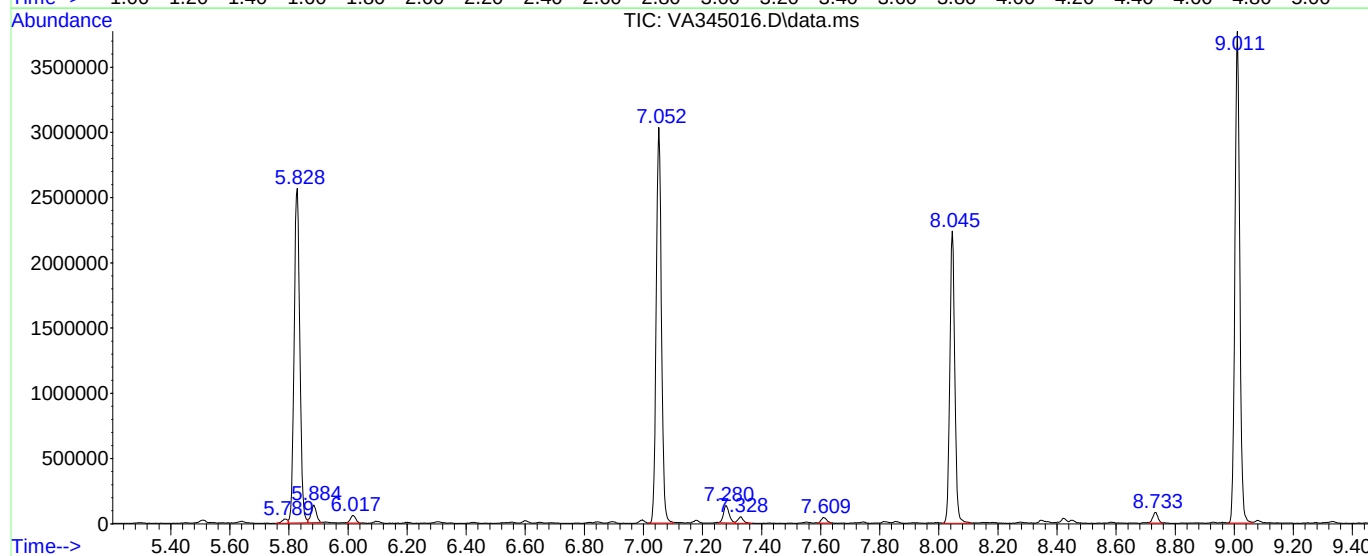
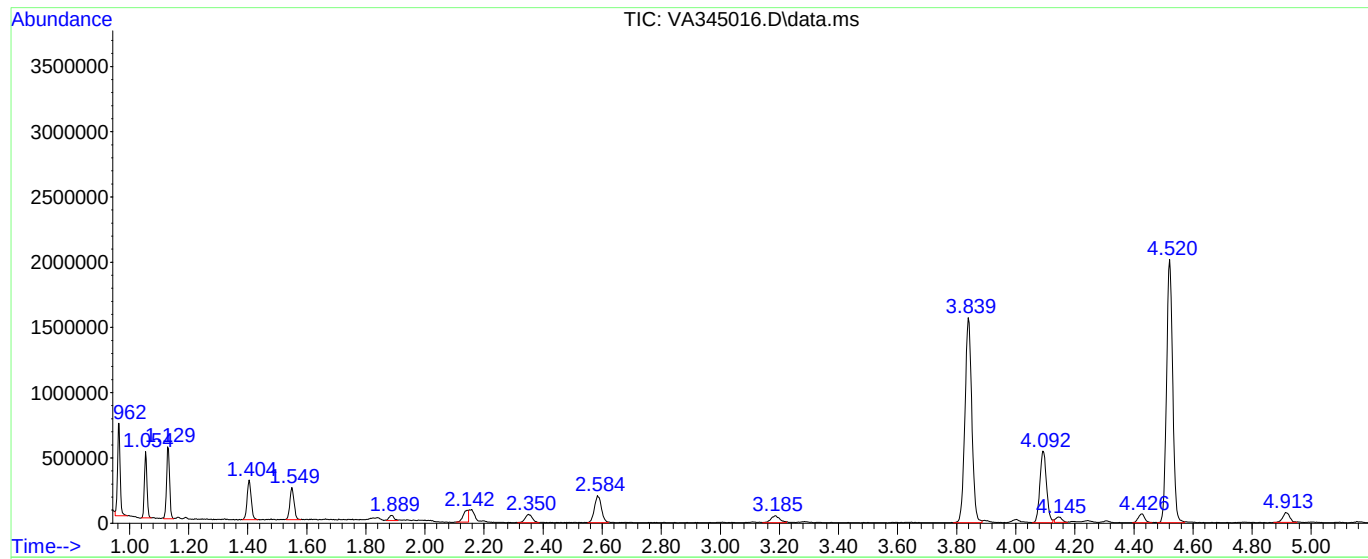
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Acq On : 10 Dec 2012 11:47 am
Operator : MFF
Sample : 12L0266-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

132

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\121012\
Data File : VA345016.D
Acq On : 10 Dec 2012 11:47 am
Operator : MFF
Sample : 12L0266-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

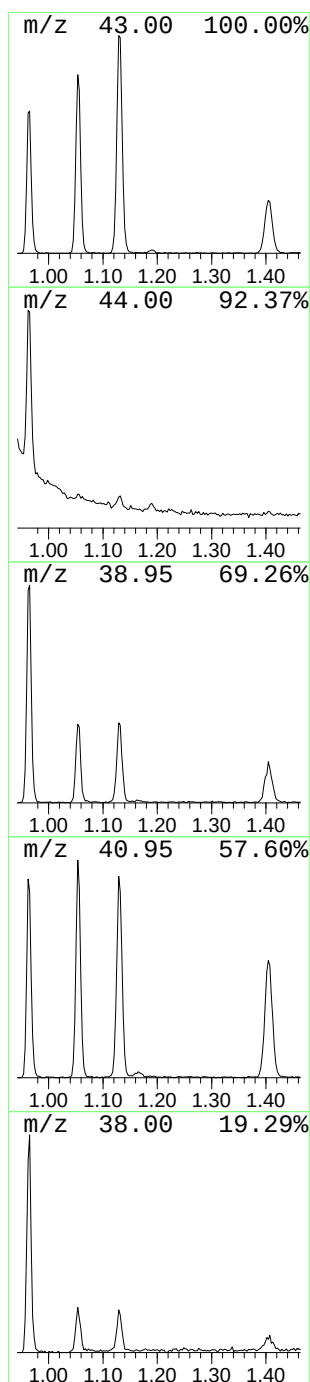
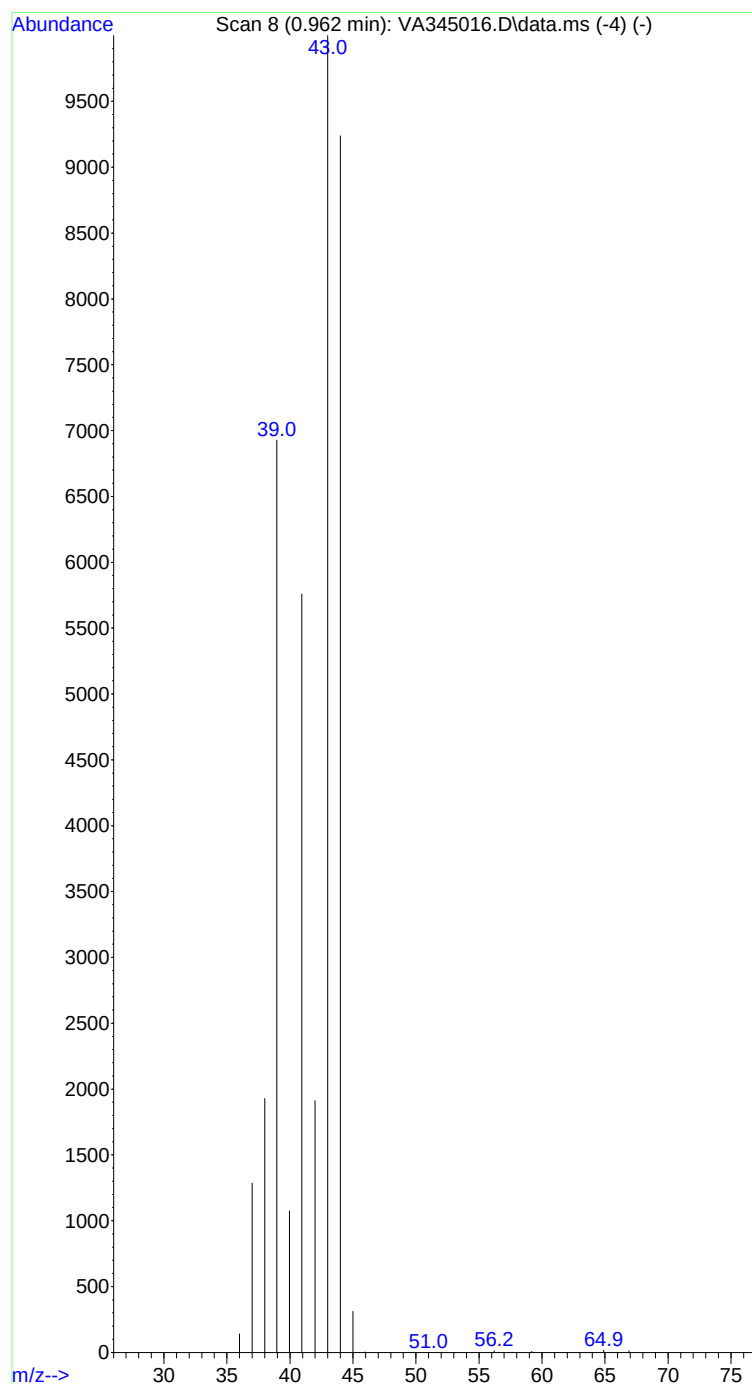
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Quant Title : 8260 SOIL CALIBRATION (FRONT)

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

Peak Number 1 Error searching C:\DATABASE... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
0.962	5.28 UG/L	444910	PENTAFLUOROBENZENE - ISTD	3.839

Hit# of	1	Tentative ID	MW	MolForm	CAS#	Qual
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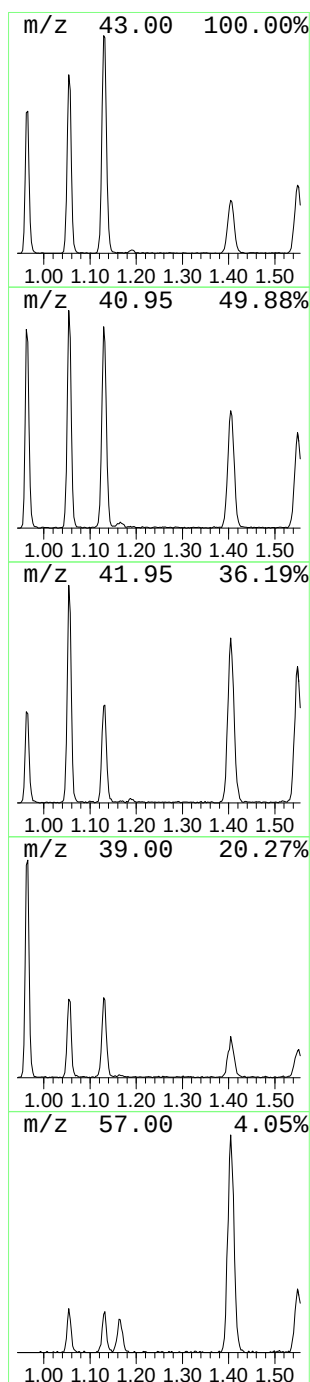
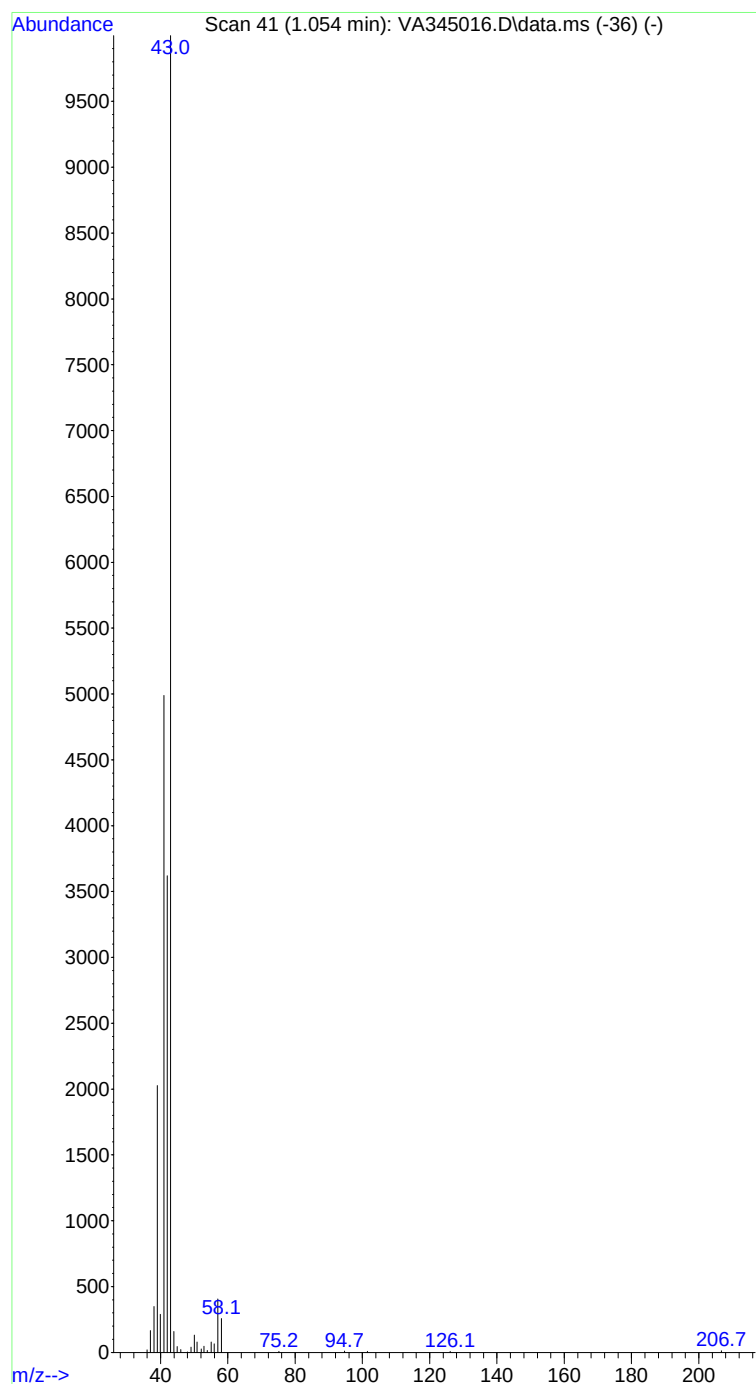
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Operator : MFF
Sample : 12L0266-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

Peak Number 2 Error searching C:\DATABASE... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD			R.T.
1.054	3.69 UG/L	311117	PENTAFLUOROBENZENE - ISTD			3.839
Hit# of	1	Tentative ID	MW	MolForm	CAS#	Qual
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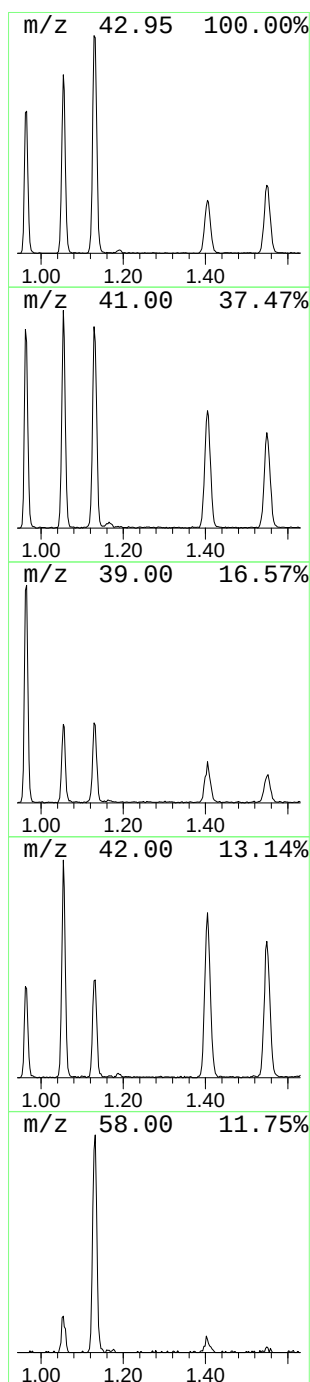
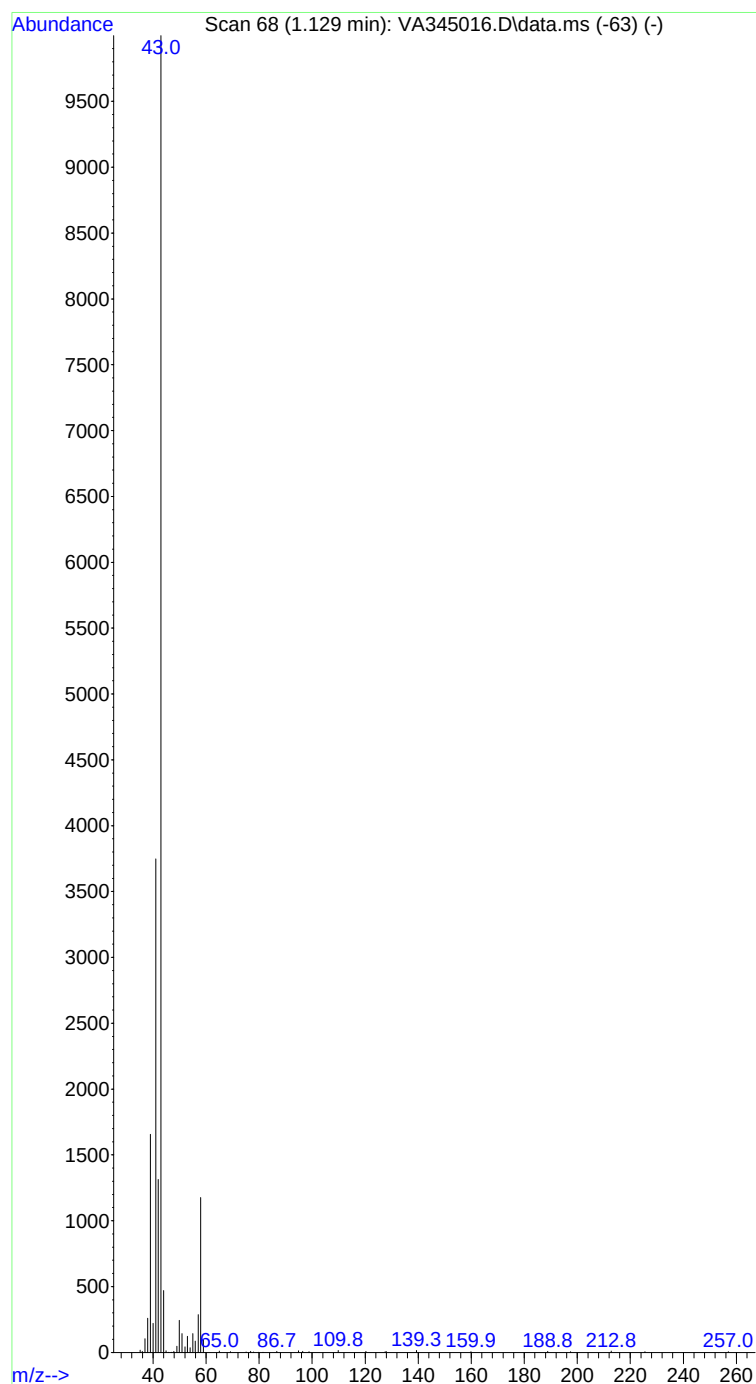
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Operator : MFF
Sample : 12L0266-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

Peak Number 3 Error searching C:\DATABASE... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
1.129	4.61 UG/L	388142	PENTAFLUOROBENZENE - ISTD	3.839		
Hit# of	1	Tentative ID	MW	MolForm	CAS#	Qual
1	Error searching C:\DATABASE\NIST...		0			0



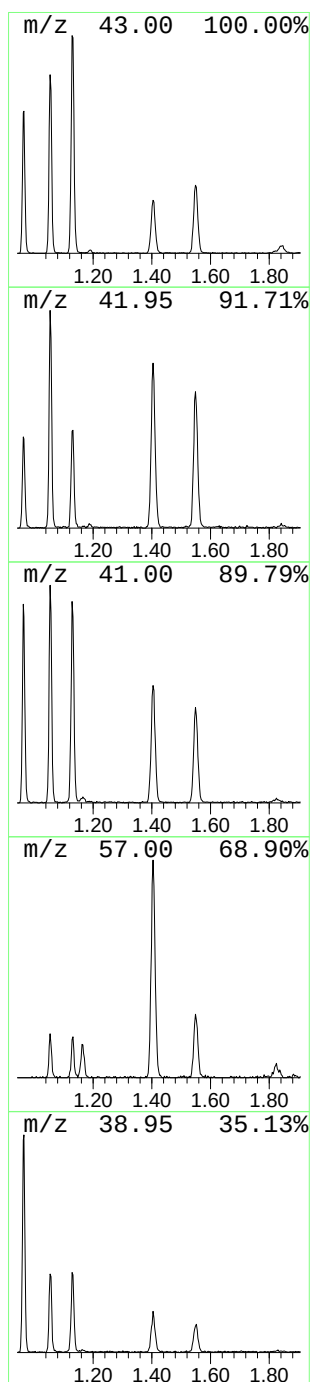
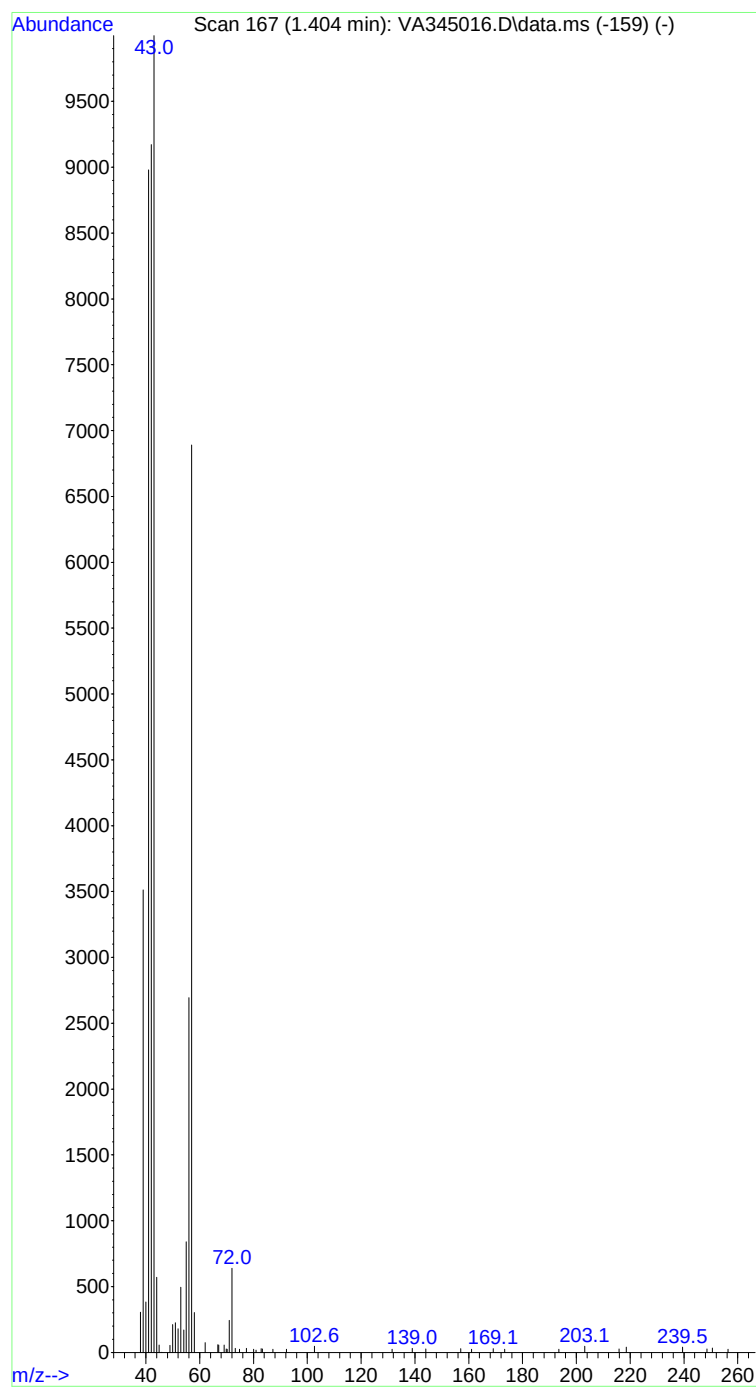
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Acq On : 10 Dec 2012 11:47 am
Operator : MFF
Sample : 12L0266-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

Peak Number 4 Error searching C:\DATABASE... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD			R.T.
1.404	3.51 UG/L	295667	PENTAFLUOROBENZENE - ISTD			3.839
Hit# of	1	Tentative ID	MW	MolForm	CAS#	Qual
1	Error searching C:\DATABASE\NIST...		0			0



Data Path : V:\DATA\121012\
Data File : VA345016.D
Acq On : 10 Dec 2012 11:47 am
Operator : MFF
Sample : 12L0266-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

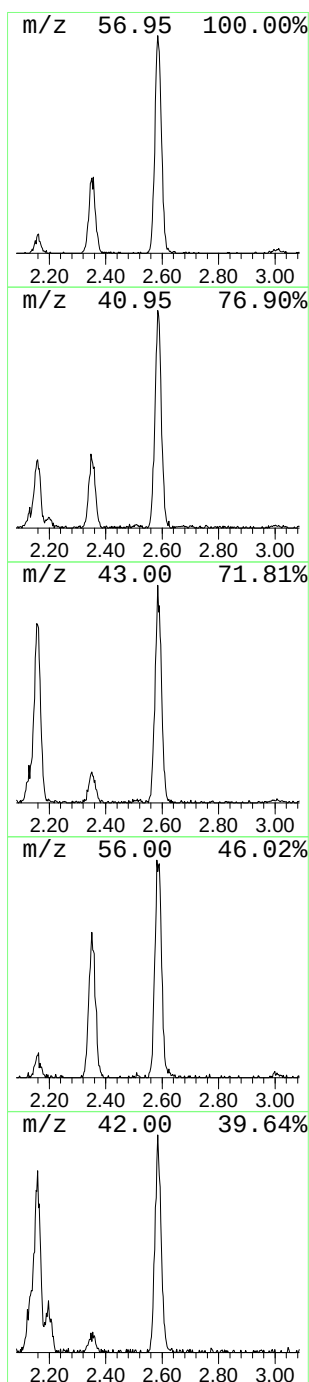
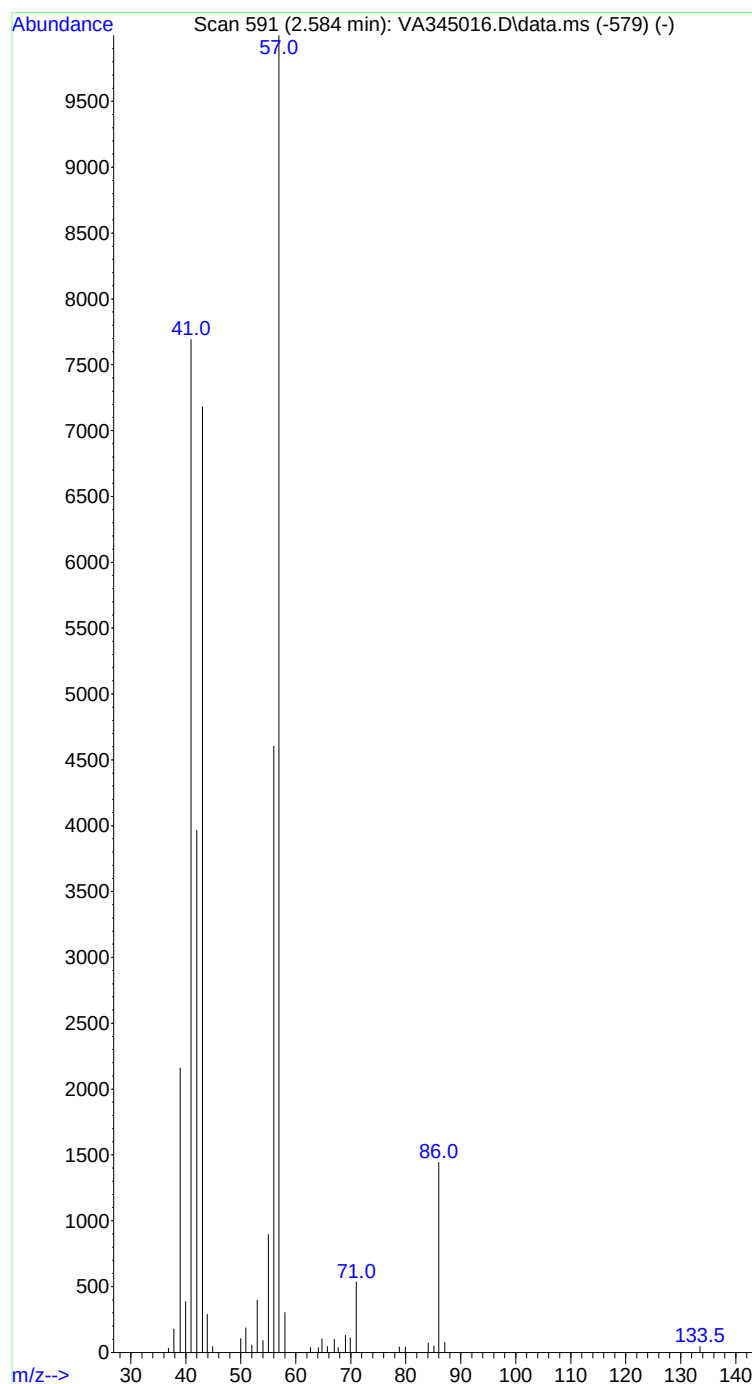
Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)

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

Peak Number 5 Error searching C:\DATABASE... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.584	3.95 UG/L	332868	PENTAFLUOROBENZENE - ISTD	3.839

Hit#	of	1	Tentative ID	MW	MolForm	CAS#	Qual
1	Error searching C:\DATABASE\NIST...	0					0



Data Path : V:\DATA\121012\
Data File : VA345016.D
Acq On : 10 Dec 2012 11:47 am
Operator : MFF
Sample : 12L0266-05
Misc :
ALS Vial : 16 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
Error searching...	0.962	5.3	UG/L	444910	1	3.839	2527480	30.0
Error searching...	1.054	3.7	UG/L	311117	1	3.839	2527480	30.0
Error searching...	1.129	4.6	UG/L	388142	1	3.839	2527480	30.0
Error searching...	1.404	3.5	UG/L	295667	1	3.839	2527480	30.0
Error searching...	2.584	4.0	UG/L	332868	1	3.839	2527480	30.0

1 - FORM I

ANALYSIS DATA SHEET

B-23 (0-2ft)

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0266
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: 12L0266-06 File ID: VA345017.D
 Sampled: 12/07/12 09:40 Prepared: 12/10/12 05:45 Analyzed: 12/10/12 12:14
 Solids: 81.90 Preparation: SW-846 5035 Dilution: 1
 Initial/Final: 5.18 g / 10 mL
 Batch: B064340 Sequence: S003568 Calibration: 1200210 Instrument: GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone		0.028	0.12	V-05, V-16
107-13-1	Acrylonitrile		0.0029	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	0.0024	
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-23 (0-2ft)

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0266
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: 12L0266-06 File ID: VA345017.D
 Sampled: 12/07/12 09:40 Prepared: 12/10/12 05:45 Analyzed: 12/10/12 12:14
 Solids: 81.90 Preparation: SW-846 5035 Dilution: 1
 Initial/Final: 5.18 g / 10 mL
 Batch: B064340 Sequence: S003568 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	V-05
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-23 (0-2ft)

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0266
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: 12L0266-06 File ID: VA345017.D
 Sampled: 12/07/12 09:40 Prepared: 12/10/12 05:45 Analyzed: 12/10/12 12:14
 Solids: 81.90 Preparation: SW-846 5035 Dilution: 1
 Initial/Final: 5.18 g / 10 mL
 Batch: B064340 Sequence: S003568 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	V-05
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-23 (0-2ft)

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266				
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners				
Matrix:	Soil	Laboratory ID:	12L0266-06	File ID:	VA345017.D		
Sampled:	12/07/12 09:40	Prepared:	12/10/12 05:45	Analyzed:	12/10/12 12:14		
Solids:	81.90	Preparation:	SW-846 5035	Dilution:	1		
Initial/Final:	5.18 g / 10 mL						
Batch:	B064340	Sequence:	S003568	Calibration:	1200210	Instrument:	GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
95-47-6	o-Xylene		0.00083	0.0024	
	No TICs Found	0.0			

Data File : V:\DATA\121012\VA345017.D
 Acq On : 10 Dec 2012 12:14 pm
 Sample : 12L0266-06
 InstName : GCMSVOA1
 Misc :
 Quant Time: Dec 10 12:36:14 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)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.842	168	895163	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.523	114	1253784	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.052	117	1192574	30.00	UG/L	0.00
86) 1,4-DICHLOROBENZENE-D4...	9.011	152	633734	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.095	65	293343	23.78	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	95.12%	
48) TOLUENE SS	5.828	98	1248687	24.73	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	98.92%	
69) 4-BROMOFLUROBENZENE SS	8.046	95	441958	22.97	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	91.88%	
Target Compounds						
						Qvalue
12) ACETONE	1.847	58	10273	13.358	UG/L	90
21) METHYLENE CHLORIDE	2.139	49	28294	Below	Cal	94
22) CARBON DISULFIDE	1.964	76	9668	0.210	UG/L	# 91
29) 2-BUTANONE	3.335	72	1161m	1.432	UG/L	
44) BENZENE	4.148	78	20870	0.392	UG/L	100
47) METHYLCYCLOHEXANE	4.921	83	23572	1.120	UG/L	93
59) TOLUENE	5.884	92	26936	0.735	UG/L	91
64) TETRACHLOROETHENE	6.346	164	2268	0.181	UG/L	94
72) ETHYLBENZENE	7.180	91	7400	0.109	UG/L	98
73) M/P-XYLENES	7.280	106	15956	0.584	UG/L	98
74) 0-XYLENE	7.614	106	5216	0.194	UG/L	94
84) 1,3,5-TRIMETHYLBENZENE	8.427	105	7544	0.122	UG/L	94
88) 1,2,4-TRIMETHYLBENZENE	8.733	105	13499	0.273	UG/L	95

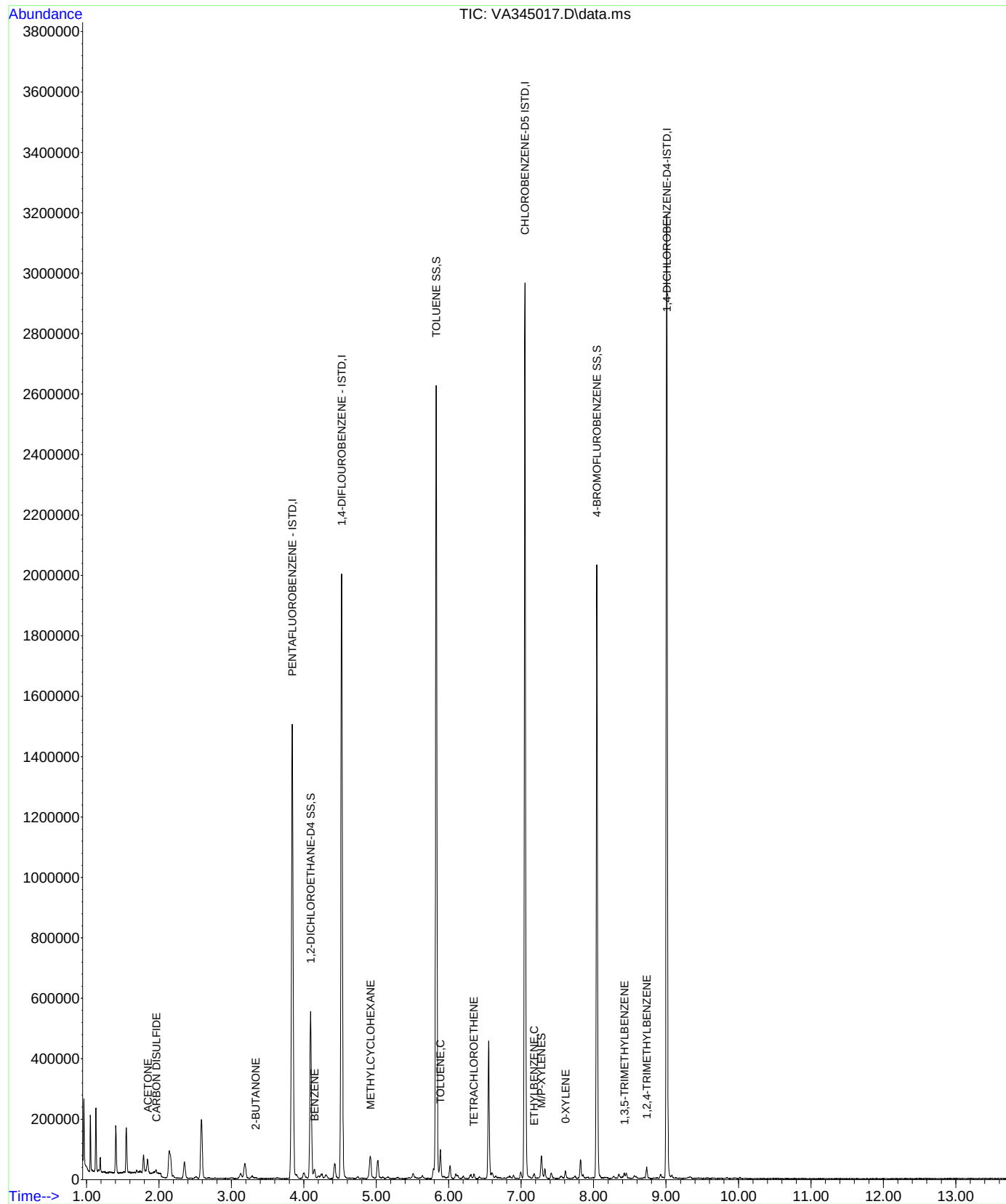
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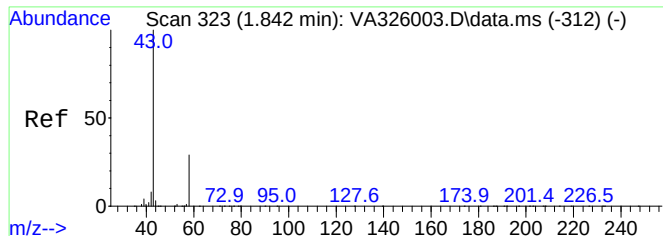
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Acq On : 10 Dec 2012 12:14 pm
Sample : 12L0266-06
InstName : GCMSVOA1
Misc :
Quant Time: Dec 10 12:36:14 2012

Vial: 17
Operator: MFF
Inst : GCMSVOA1
Multiplr: 1.00

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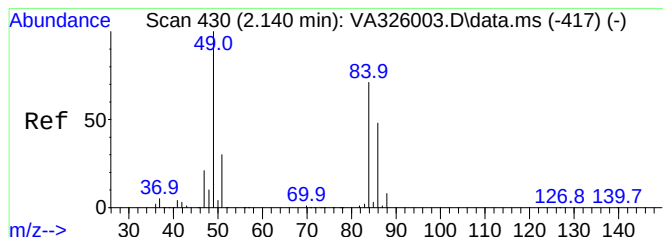
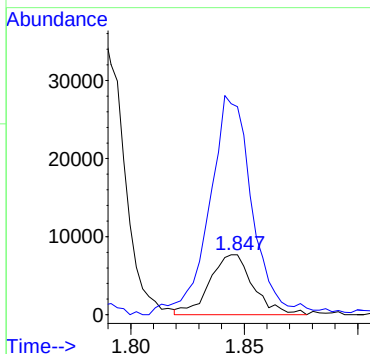
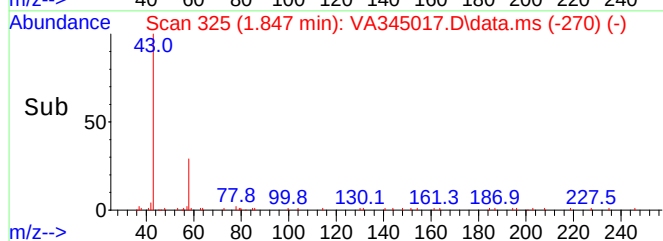
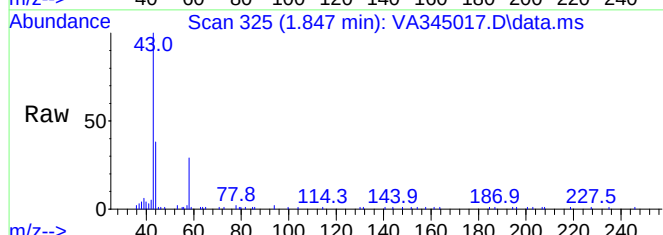
Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Mon Nov 12 13:10:19 2012
Response via : Initial Calibration
DataAcq Meth:821205S8





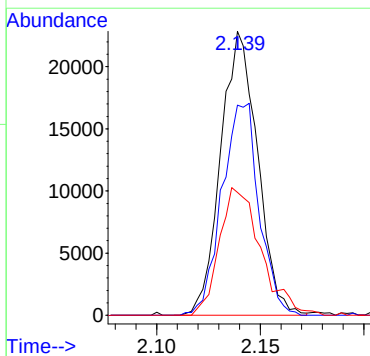
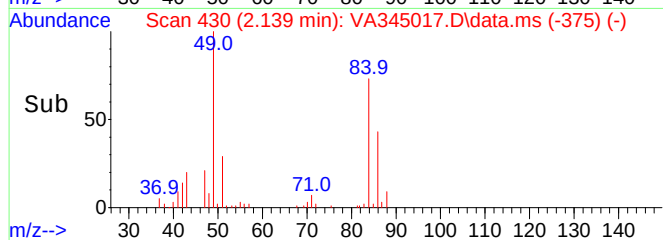
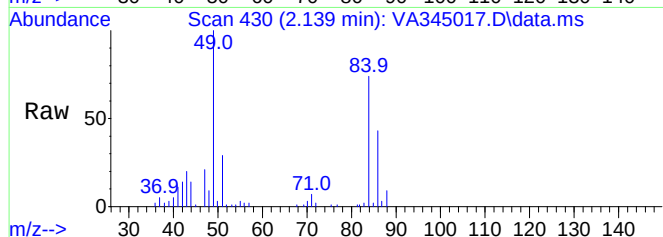
#12
ACETONE
Concen: 13.36 UG/L
RT: 1.847 min Scan# 325
Delta R.T. 0.005 min
Lab File: VA345017.D
Acq: 10 Dec 2012 12:14 pm

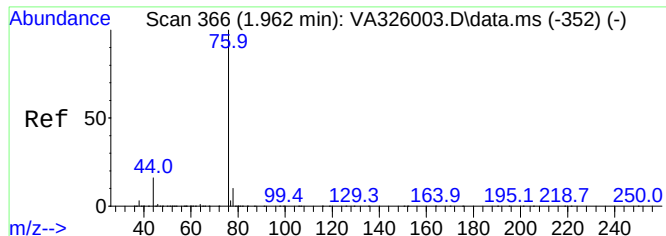
Tgt Ion: 58 Resp: 10273
Ion Ratio Lower Upper
58 100
43 362.9 273.3 409.9



#21
METHYLENE CHLORIDE
Concen: Below Cal
RT: 2.139 min Scan# 430
Delta R.T. 0.001 min
Lab File: VA345017.D
Acq: 10 Dec 2012 12:14 pm

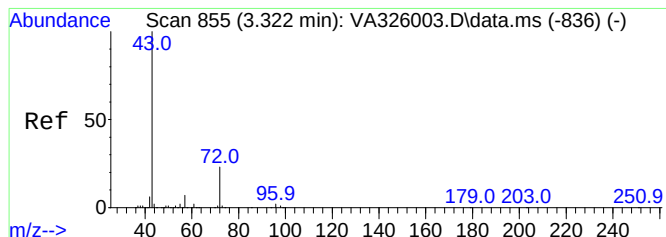
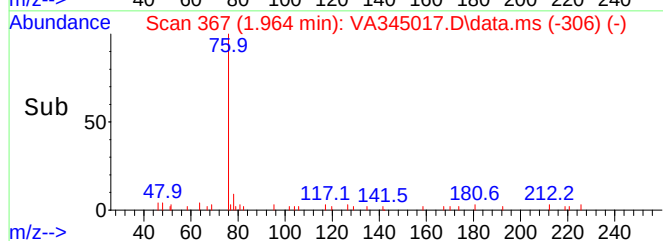
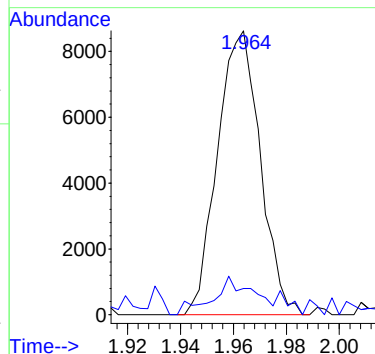
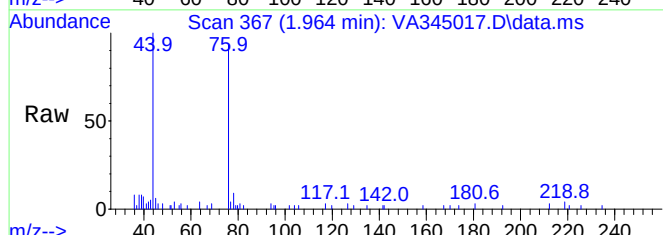
Tgt Ion: 49 Resp: 28294
Ion Ratio Lower Upper
49 100
84 75.2 55.8 83.8
86 50.6 37.3 55.9





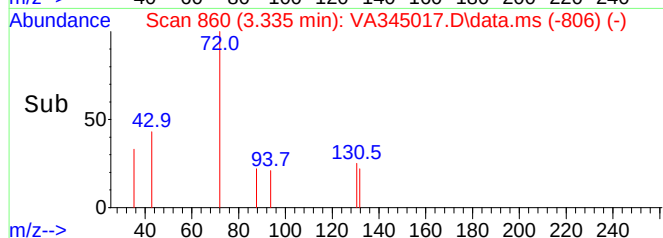
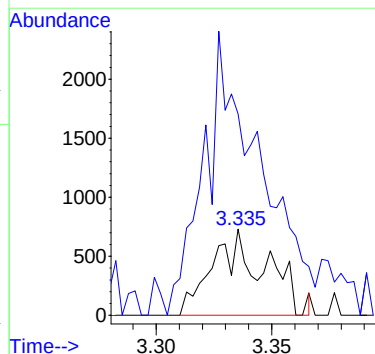
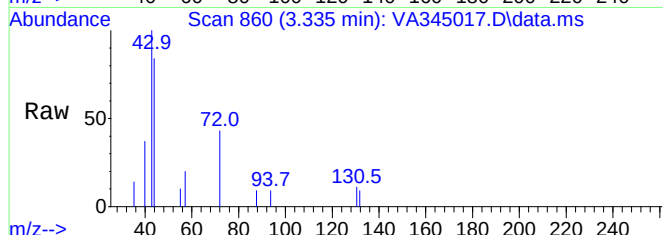
#22
CARBON DISULFIDE
Concen: 0.21 UG/L
RT: 1.964 min Scan# 367
Delta R.T. 0.002 min
Lab File: VA345017.D
Acq: 10 Dec 2012 12:14 pm

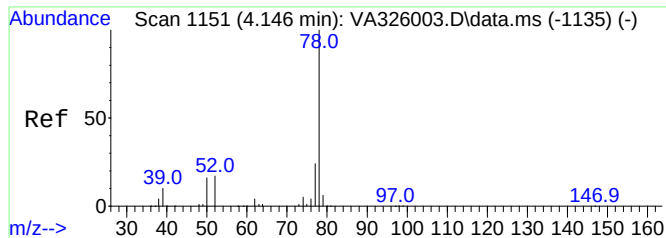
Tgt Ion: 76 Resp: 9668
Ion Ratio Lower Upper
76 100
78 12.6 7.4 11.0#



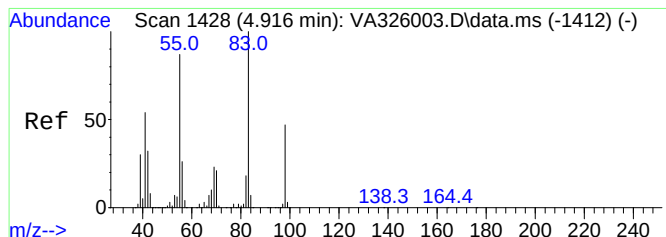
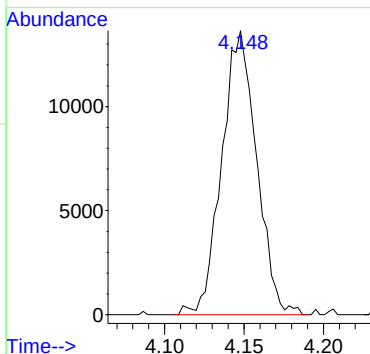
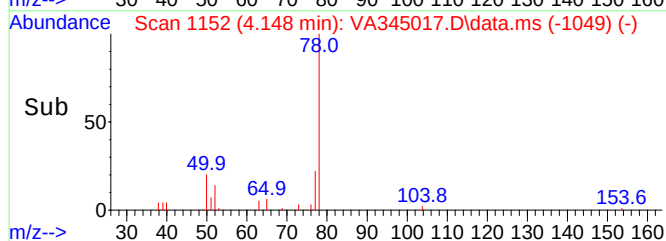
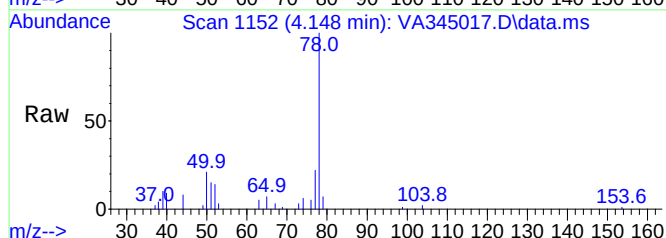
#29
2-BUTANONE
Concen: 1.43 UG/L m
RT: 3.335 min Scan# 860
Delta R.T. 0.015 min
Lab File: VA345017.D
Acq: 10 Dec 2012 12:14 pm

Tgt Ion: 72 Resp: 1161
Ion Ratio Lower Upper
72 100
43 350.6 340.7 511.1

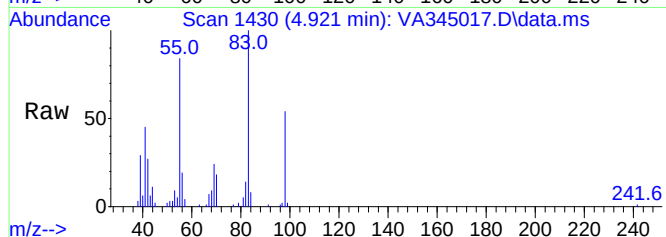




#44
 BENZENE
 Concen: 0.39 UG/L
 RT: 4.148 min Scan# 1152
 Delta R.T. 0.001 min
 Lab File: VA345017.D
 Acq: 10 Dec 2012 12:14 pm
 Tgt Ion: 78 Resp: 20870

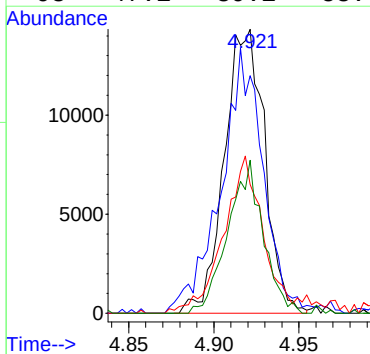
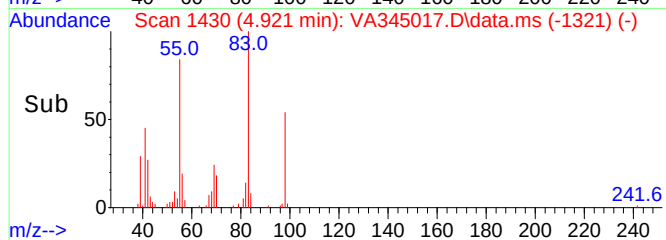


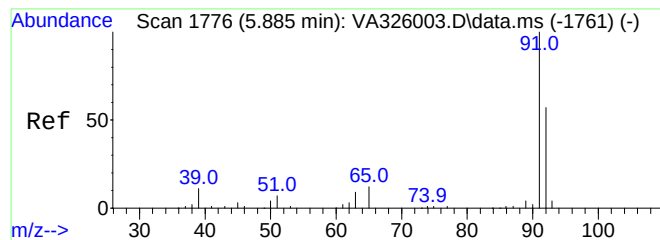
#47
 METHYLCYCLOHEXANE
 Concen: 1.12 UG/L
 RT: 4.921 min Scan# 1430
 Delta R.T. 0.004 min
 Lab File: VA345017.D
 Acq: 10 Dec 2012 12:14 pm



Tgt Ion: 83 Resp: 23572

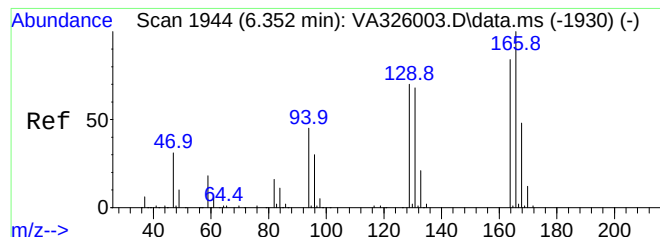
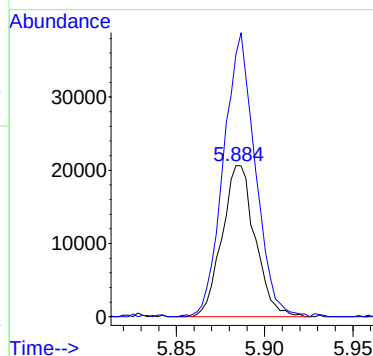
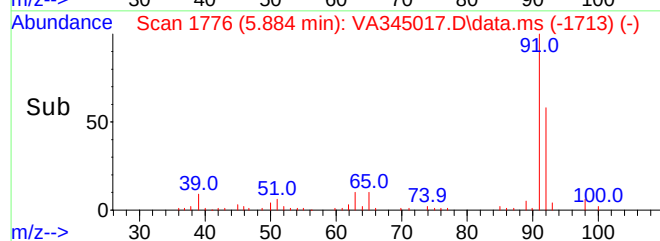
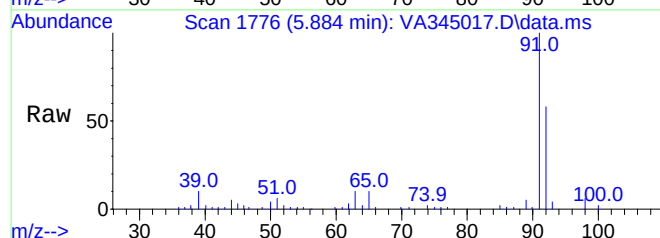
Ion	Ratio	Lower	Upper
83	100		
55	97.9	68.9	103.3
41	53.6	41.3	61.9
98	47.1	39.1	58.7





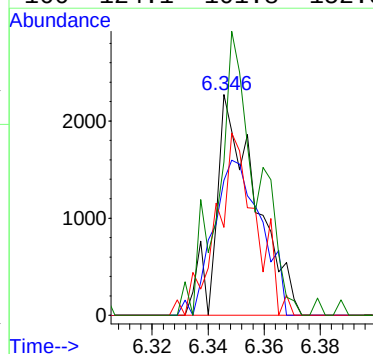
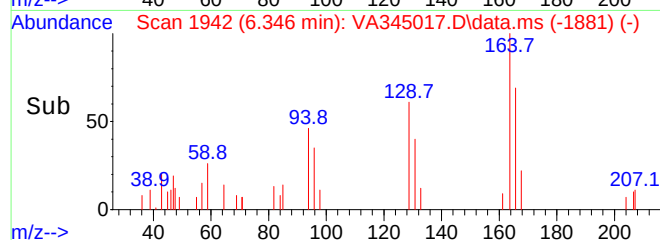
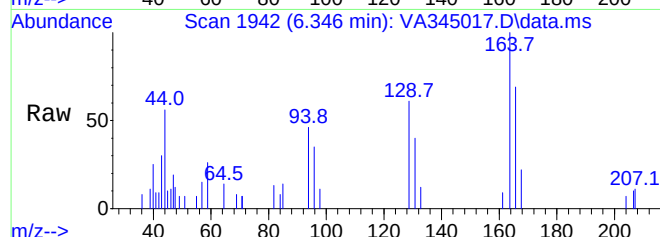
#59
TOLUENE
Concen: 0.73 UG/L
RT: 5.884 min Scan# 1776
Delta R.T. -0.001 min
Lab File: VA345017.D
Acq: 10 Dec 2012 12:14 pm

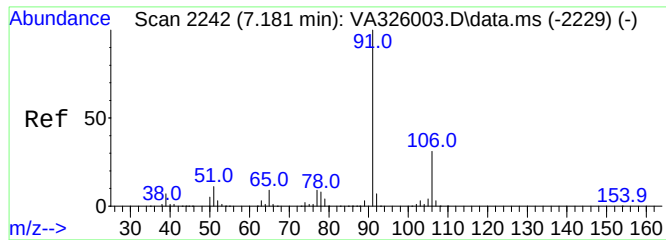
Tgt Ion: 92 Resp: 26936
Ion Ratio Lower Upper
92 100
91 179.9 134.0 201.0



#64
TETRACHLOROETHENE
Concen: 0.18 UG/L
RT: 6.346 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VA345017.D
Acq: 10 Dec 2012 12:14 pm

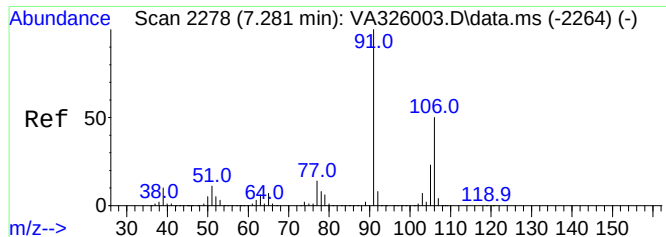
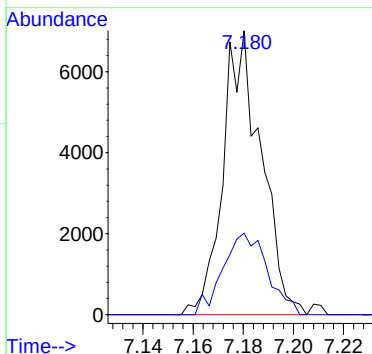
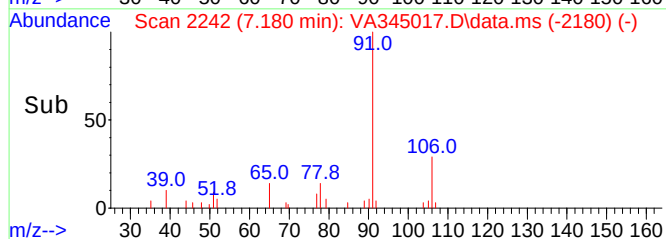
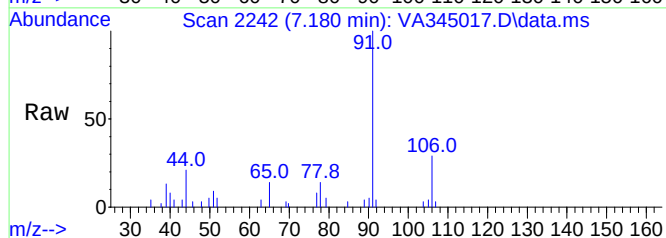
Tgt Ion: 164 Resp: 2268
Ion Ratio Lower Upper
164 100
129 83.1 71.4 107.2
131 79.8 70.6 105.8
166 124.1 101.8 152.8





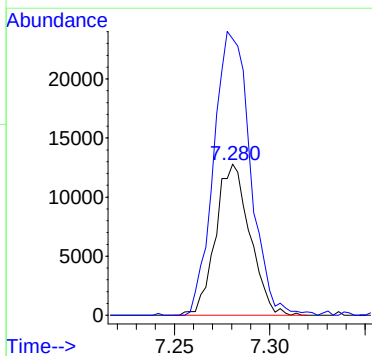
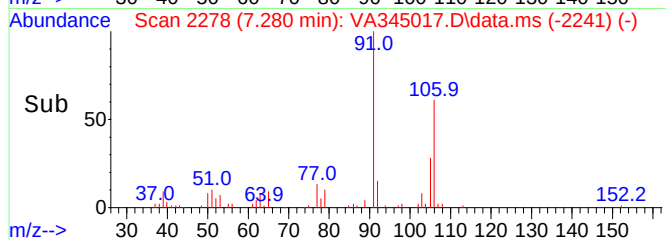
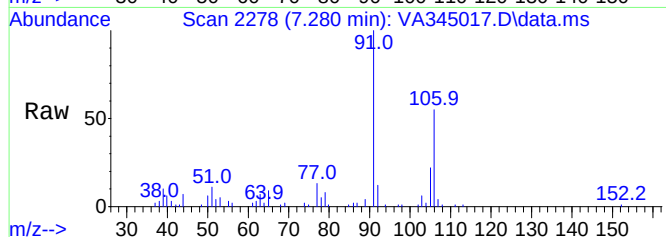
#72
ETHYLBENZENE
Concen: 0.11 UG/L
RT: 7.180 min Scan# 2242
Delta R.T. -0.001 min
Lab File: VA345017.D
Acq: 10 Dec 2012 12:14 pm

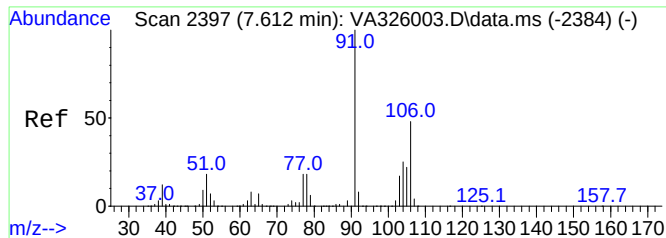
Tgt Ion: 91 Resp: 7400
Ion Ratio Lower Upper
91 100
106 33.6 25.9 38.9



#73
M/P-XYLENES
Concen: 0.58 UG/L
RT: 7.280 min Scan# 2278
Delta R.T. -0.001 min
Lab File: VA345017.D
Acq: 10 Dec 2012 12:14 pm

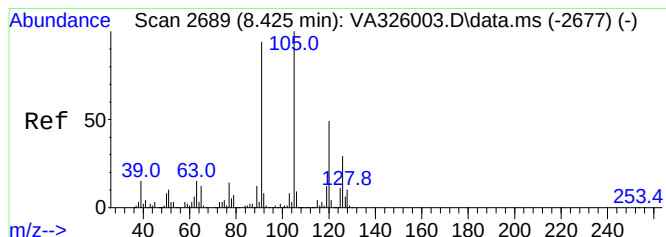
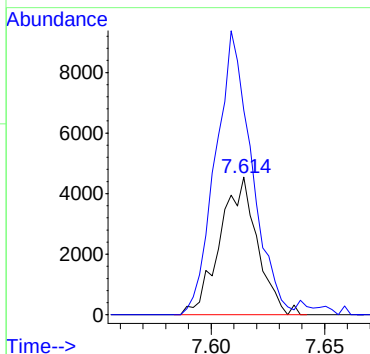
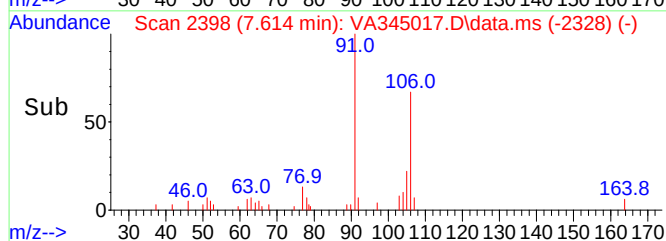
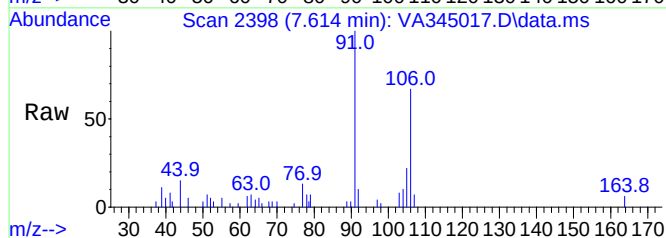
Tgt Ion: 106 Resp: 15956
Ion Ratio Lower Upper
106 100
91 201.4 158.6 237.8





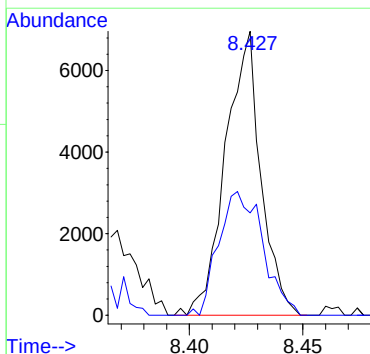
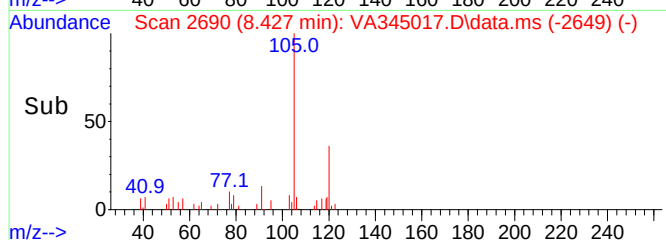
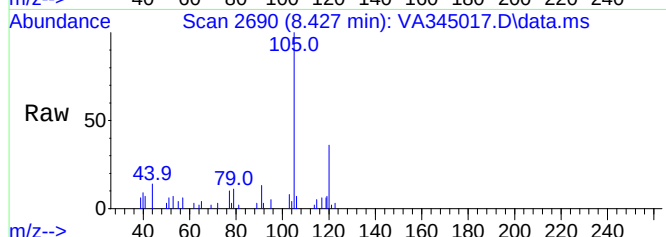
#74
0-XYLENE
Concen: 0.19 UG/L
RT: 7.614 min Scan# 2398
Delta R.T. 0.004 min
Lab File: VA345017.D
Acq: 10 Dec 2012 12:14 pm

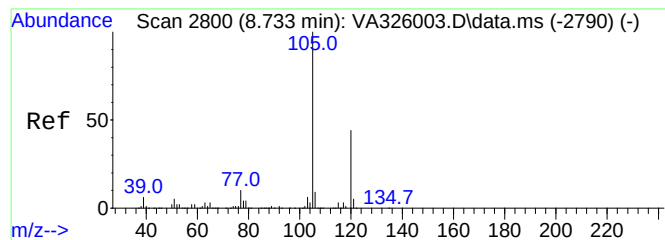
Tgt Ion:106 Resp: 5216
Ion Ratio Lower Upper
106 100
91 199.4 166.9 250.3



#84
1,3,5-TRIMETHYLBENZENE
Concen: 0.12 UG/L
RT: 8.427 min Scan# 2690
Delta R.T. 0.002 min
Lab File: VA345017.D
Acq: 10 Dec 2012 12:14 pm

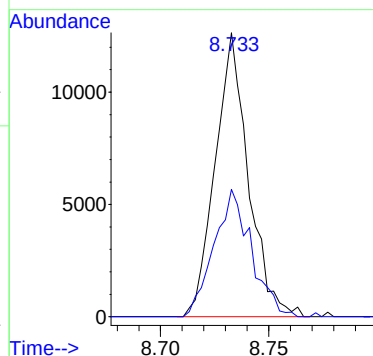
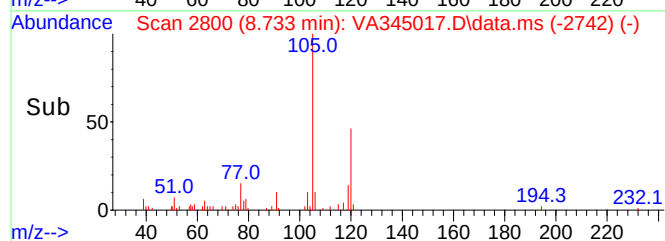
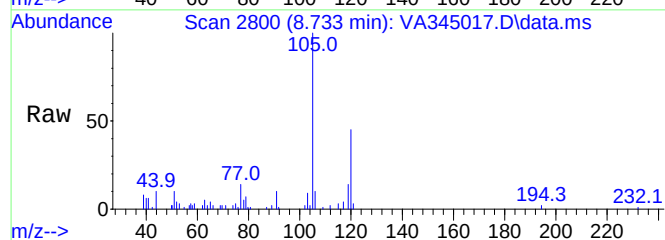
Tgt Ion:105 Resp: 7544
Ion Ratio Lower Upper
105 100
120 54.7 40.5 60.7





#88
1,2,4-TRIMETHYLBENZENE
Concen: 0.27 UG/L
RT: 8.733 min Scan# 2800
Delta R.T. -0.001 min
Lab File: VA345017.D
Acq: 10 Dec 2012 12:14 pm

Tgt Ion:105 Resp: 13499
Ion Ratio Lower Upper
105 100
120 50.1 37.3 55.9



Data Path : V:\DATA\121012\
 Data File : VA345017.D
 Acq On : 10 Dec 2012 12:14 pm
 Operator : MFF
 Sample : 12L0266-06
 Misc :
 ALS Vial : 17 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: VA345017.D\data.ms

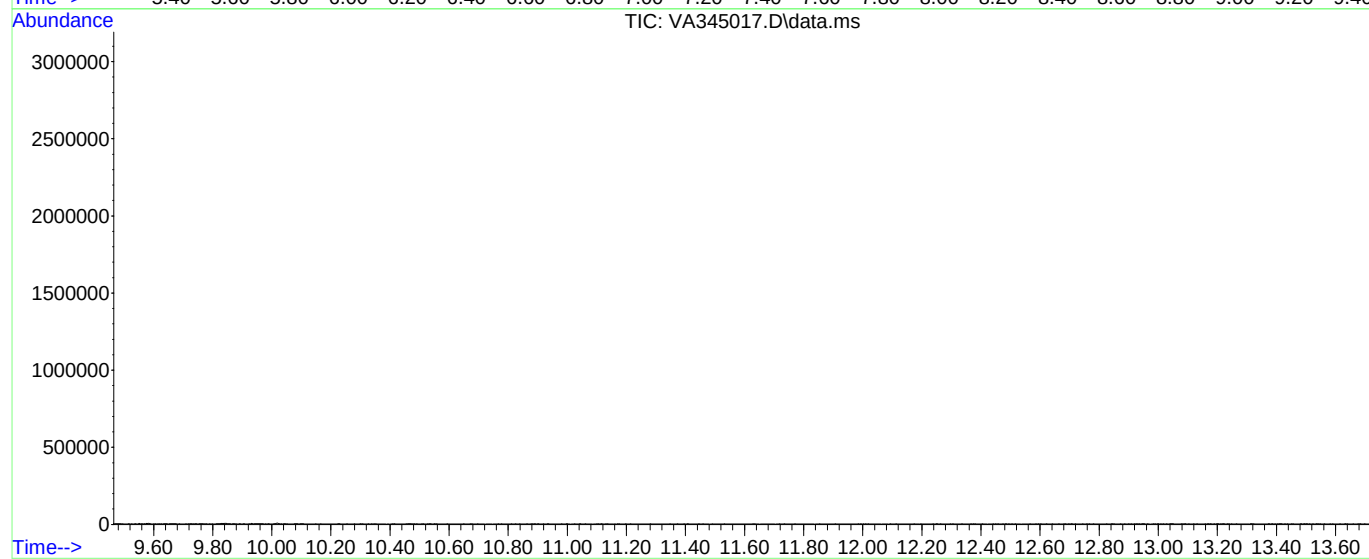
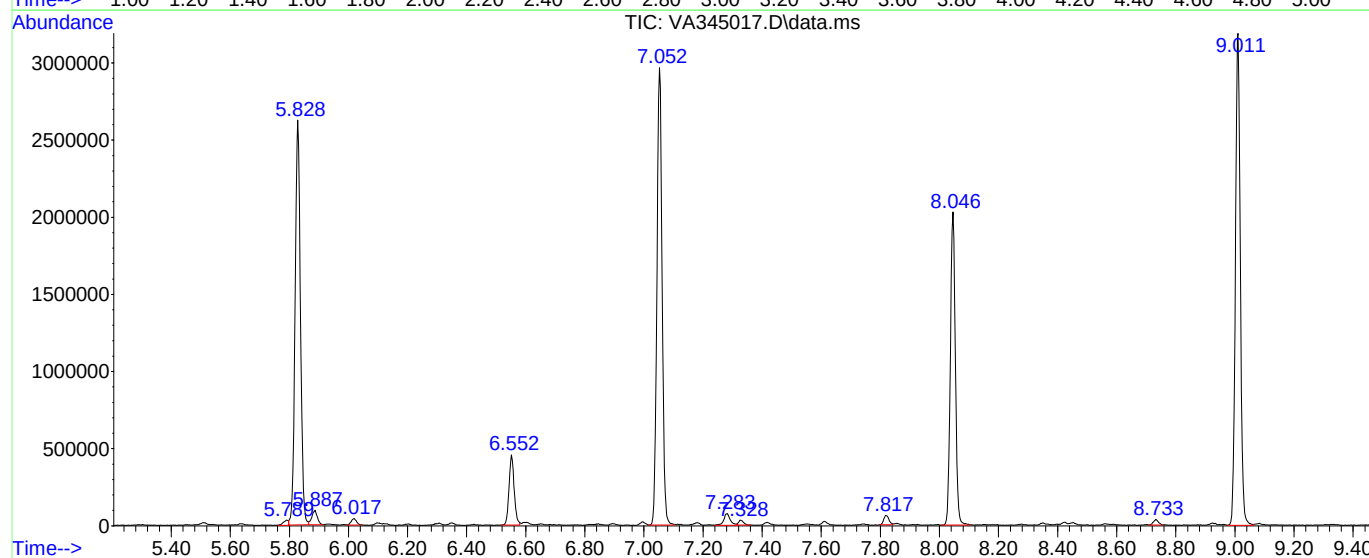
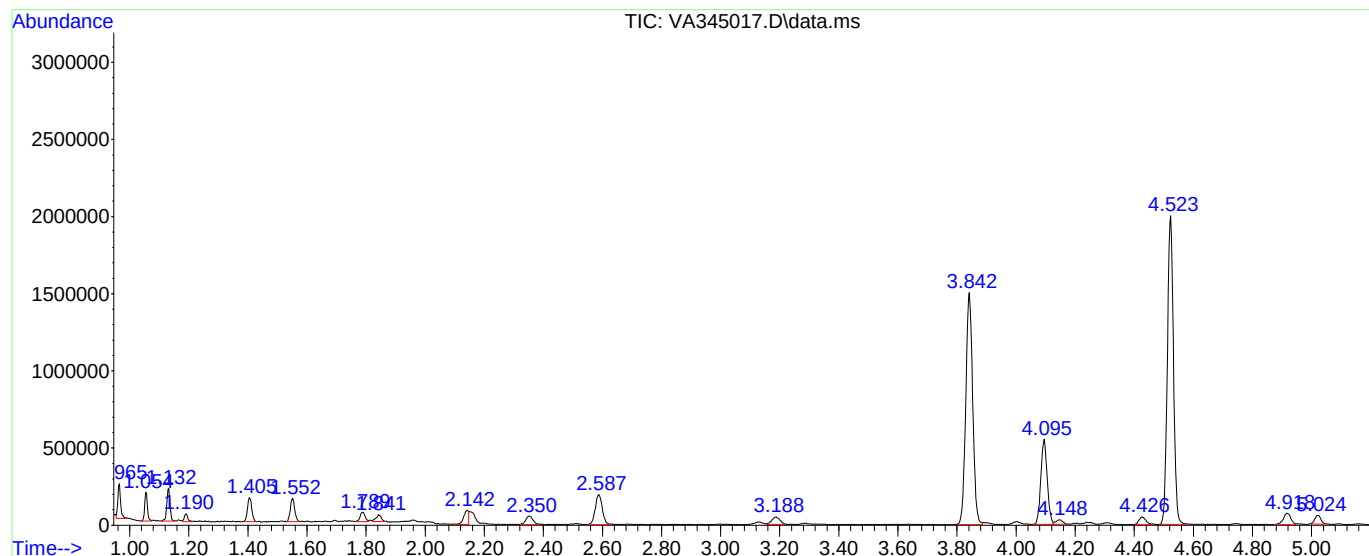
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	0.965	4	8	18	rVB	223755	146072	3.96%	0.665%
2	1.054	35	40	47	rBV	187494	124272	3.37%	0.566%
3	1.132	60	68	75	rBV	210186	153345	4.16%	0.698%
4	1.190	85	89	97	rVB	50759	40532	1.10%	0.184%
5	1.405	159	166	175	rBV2	156516	157000	4.26%	0.715%
6	1.552	211	219	226	rBV	149664	153232	4.16%	0.697%
7	1.789	296	304	311	rBV2	60067	73321	1.99%	0.334%
8	1.841	316	323	332	rVB3	44749	52159	1.42%	0.237%
9	2.142	418	431	433	rBV3	90423	105874	2.87%	0.482%
10	2.351	495	506	518	rBV2	55556	94491	2.56%	0.430%
11	2.587	577	591	606	rBV2	195790	324002	8.79%	1.475%
12	3.188	795	807	818	rVB3	48176	87492	2.37%	0.398%
13	3.842	1027	1042	1058	rBV2	1503405	2437671	66.15%	11.094%
14	4.095	1118	1133	1144	rBV	553086	825139	22.39%	3.755%
15	4.148	1144	1152	1161	rVB3	28512	45926	1.25%	0.209%
16	4.426	1242	1252	1264	rBV4	51131	82768	2.25%	0.377%
17	4.523	1273	1287	1306	rBV	2000285	2858736	77.57%	13.011%
18	4.918	1412	1429	1439	rBV6	74620	131561	3.57%	0.599%
19	5.024	1458	1467	1475	rBV3	55973	77715	2.11%	0.354%
20	5.789	1732	1742	1745	rBV4	33710	41479	1.13%	0.189%
21	5.828	1745	1756	1769	rVV	2623788	3324674	90.22%	15.131%
22	5.887	1769	1777	1787	rVB	92240	120171	3.26%	0.547%
23	6.017	1816	1824	1833	rVB3	41378	51839	1.41%	0.236%
24	6.552	2004	2016	2026	rBV2	454288	549468	14.91%	2.501%
25	7.052	2183	2196	2214	rBV2	2963827	3578470	97.10%	16.286%
26	7.283	2263	2279	2290	rBV2	74633	114365	3.10%	0.520%
27	7.328	2290	2295	2307	rVB4	31756	37816	1.03%	0.172%
28	7.817	2464	2471	2480	rBV5	60183	75528	2.05%	0.344%
29	8.046	2539	2553	2574	rBV	2030530	2380456	64.59%	10.834%
30	8.733	2791	2800	2808	rBV2	37292	41510	1.13%	0.189%
31	9.011	2887	2900	2919	rBV	3188496	3685270	100.00%	16.772%

Sum of corrected areas: 21972354

Data Path : V:\DATA\121012\
Data File : VA345017.D
Acq On : 10 Dec 2012 12:14 pm
Operator : MFF
Sample : 12L0266-06
Misc :
ALS Vial : 17 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\121012\
Data File : VA345017.D
Acq On : 10 Dec 2012 12:14 pm
Operator : MFF
Sample : 12L0266-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

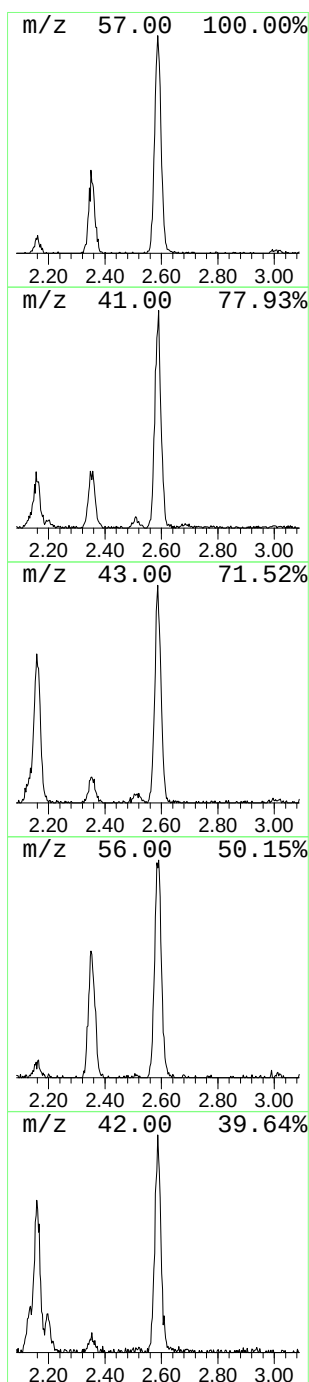
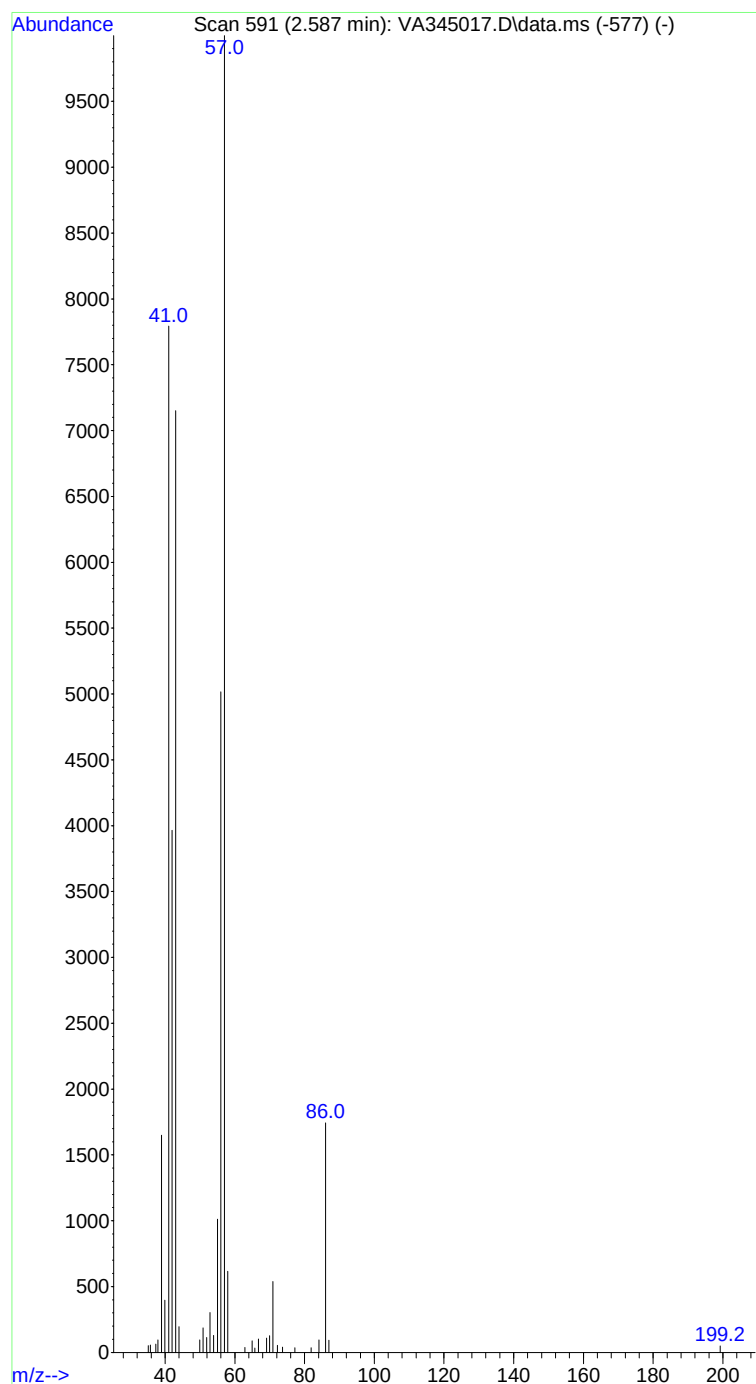
Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)

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

Peak Number 1 Error searching C:\DATABASE... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.587	3.99 UG/L	324002	PENTAFLUOROBENZENE - ISTD	3.842

Hit# of	1	Tentative ID	MW	MolForm	CAS#	Qual
1	Error searching C:\DATABASE\NIST...		0			0



Data Path : V:\DATA\121012\
Data File : VA345017.D
Acq On : 10 Dec 2012 12:14 pm
Operator : MFF
Sample : 12L0266-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

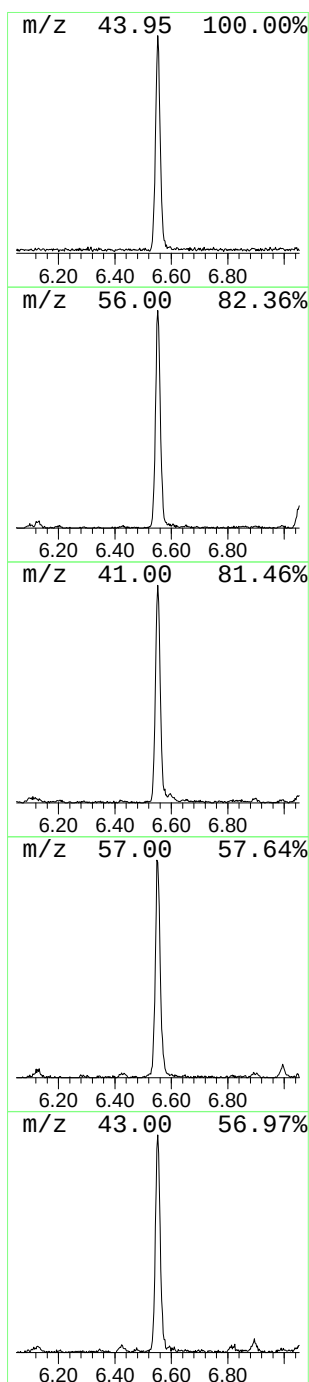
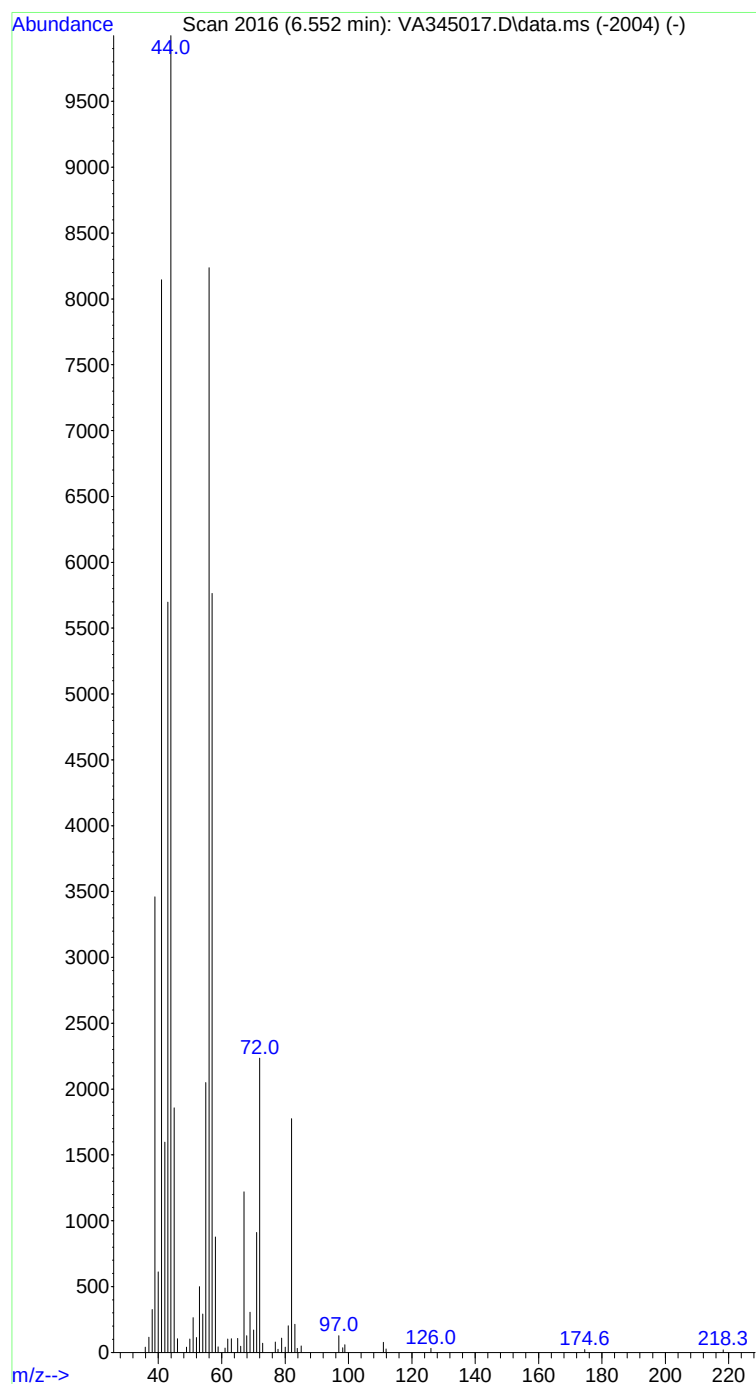
Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)

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

Peak Number 2 Error searching C:\DATABASE... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.552	4.61 UG/L	549468	CHLOROBENZENE-D5 ISTD	7.052

Hit#	of	1	Tentative ID	MW	MolForm	CAS#	Qual
1	Error searching C:\DATABASE\NIST...	0					0



Data Path : V:\DATA\121012\
Data File : VA345017.D
Acq On : 10 Dec 2012 12:14 pm
Operator : MFF
Sample : 12L0266-06
Misc :
ALS Vial : 17 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	
Error searching...	2.587	4.0	UG/L	324002	1	3.842	2437670	30.0	
Error searching...	6.552	4.6	UG/L	549468	3	7.052	3578470	30.0	

1 - FORM I

ANALYSIS DATA SHEET

B-20 (12-14ft)

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0266
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: 12L0266-07 File ID: VA345018.D
 Sampled: 12/07/12 08:44 Prepared: 12/10/12 05:45 Analyzed: 12/10/12 12:41
 Solids: 91.60 Preparation: SW-846 5035 Dilution: 1
 Initial/Final: 5.04 g / 10 mL
 Batch: B064340 Sequence: S003568 Calibration: 1200210 Instrument: GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone		0.025	0.11	V-16, V-05
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		0.00097	0.0022	
637-92-3	tert-Butyl Ethyl Ether (TBEE)		0.00065	0.0022	
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		0.00097	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-20 (12-14ft)

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266				
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners				
Matrix:	Soil	Laboratory ID:	12L0266-07	File ID:	VA345018.D		
Sampled:	12/07/12 08:44	Prepared:	12/10/12 05:45	Analyzed:	12/10/12 12:41		
Solids:	91.60	Preparation:	SW-846 5035	Dilution:	1		
Initial/Final:	5.04 g / 10 mL						
Batch:	B064340	Sequence:	S003568	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	V-05
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		0.00087	0.0022	
156-60-5	trans-1,2-Dichloroethylene		0.00097	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		0.00097	0.0022	
563-58-6	1,1-Dichloropropene		0.00097	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		0.0019	0.022	
108-20-3	Diisopropyl Ether (DIPE)		0.00065	0.0011	
123-91-1	1,4-Dioxane		0.062	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-20 (12-14ft)

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266				
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners				
Matrix:	Soil	Laboratory ID:	12L0266-07	File ID:	VA345018.D		
Sampled:	12/07/12 08:44	Prepared:	12/10/12 05:45	Analyzed:	12/10/12 12:41		
Solids:	91.60	Preparation:	SW-846 5035	Dilution:	1		
Initial/Final:	5.04 g / 10 mL						
Batch:	B064340	Sequence:	S003568	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)		0.00097	0.0043	
75-09-2	Methylene Chloride		0.0077	0.022	V-05
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0082	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		0.00097	0.0022	
79-34-5	1,1,2,2-Tetrachloroethane		0.00097	0.0011	
127-18-4	Tetrachloroethylene	0.059	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	0.0071	0.00097	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)		0.00097	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-20 (12-14ft)

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266				
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners				
Matrix:	Soil	Laboratory ID:	12L0266-07	File ID:	VA345018.D		
Sampled:	12/07/12 08:44	Prepared:	12/10/12 05:45	Analyzed:	12/10/12 12:41		
Solids:	91.60	Preparation:	SW-846 5035	Dilution:	1		
Initial/Final:	5.04 g / 10 mL						
Batch:	B064340	Sequence:	S003568	Calibration:	1200210	Instrument:	GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
95-47-6	o-Xylene		0.00076	0.0022	
	No TICs Found	0.0			

Data File : V:\DATA\121012\VA345018.D
 Acq On : 10 Dec 2012 12:41 pm
 Sample : 12L0266-07
 InstName : GCMSVOA1
 Misc :
 Quant Time: Dec 10 12:57:45 2012

Vial: 18
 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	3.843	168	934988	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.522	114	1290600	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.051	117	1237897	30.00	UG/L	0.00
86) 1,4-DICHLOROBENZENE-D4...	9.009	152	700254	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.093	65	304704	23.65	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	94.60%	
48) TOLUENE SS	5.827	98	1292365	24.86	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	99.44%	
69) 4-BROMOFLUROBENZENE SS	8.044	95	475404	23.80	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	95.20%	
Target Compounds						
12) ACETONE	1.840	58	3343	4.162	UG/L	Qvalue 87
21) METHYLENE CHLORIDE	2.137	49	27554	Below	Cal	96
31) CIS-1,2-DICHLOROETHENE	3.300	96	6166	0.421	UG/L	91
40) CYCLOHEXANE	3.840	56	25860	Below	Cal #	55
44) BENZENE	4.146	78	19634	0.353	UG/L	100
47) METHYLCYCLOHEXANE	4.917	83	16936	0.782	UG/L	99
50) TRICHLOROETHENE	4.747	95	48071	3.294	UG/L	98
59) TOLUENE	5.888	92	27340	0.724	UG/L	93
64) TETRACHLOROETHENE	6.350	164	350252	27.206	UG/L	97
73) M/P-XYLENES	7.279	106	16955	0.598	UG/L	98
74) O-XYLENE	7.610	106	5843	0.209	UG/L	86
84) 1,3,5-TRIMETHYLBENZENE	8.422	105	6831	0.106	UG/L	93
88) 1,2,4-TRIMETHYLBENZENE	8.731	105	13231	0.242	UG/L	99

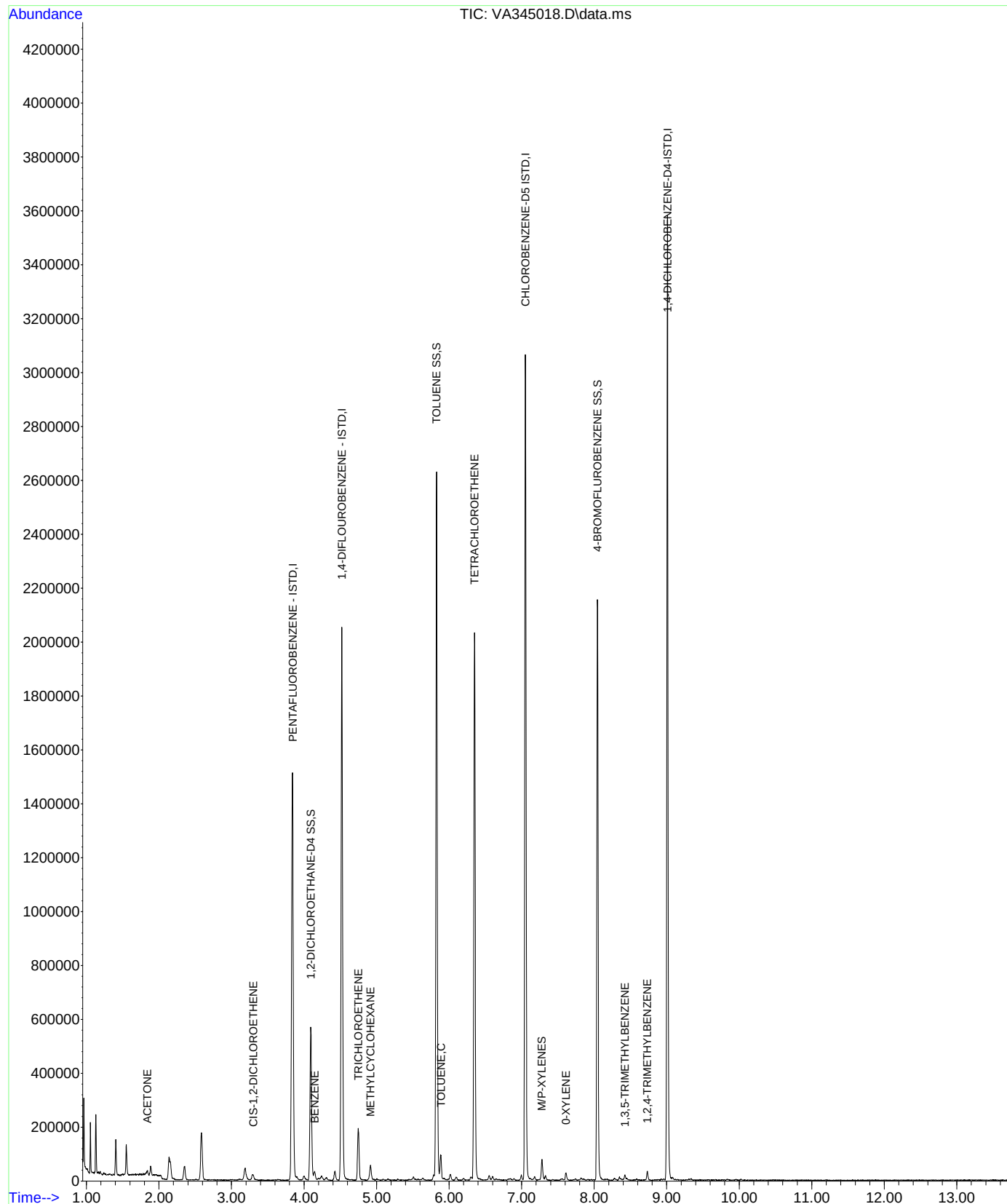
(#) = qualifier out of range (m) = manual integration (+) = signals summed

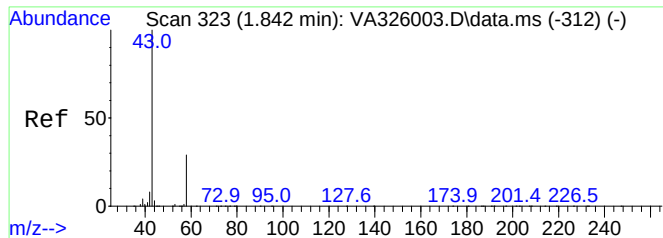
Data File : V:\DATA\121012\VA345018.D
Acq On : 10 Dec 2012 12:41 pm
Sample : 12L0266-07
InstName : GCMSV0A1
Misc :
Quant Time: Dec 10 12:57:45 2012

Vial: 18
Operator: MFF
Inst : GCMSV0A1
Multiplr: 1.00

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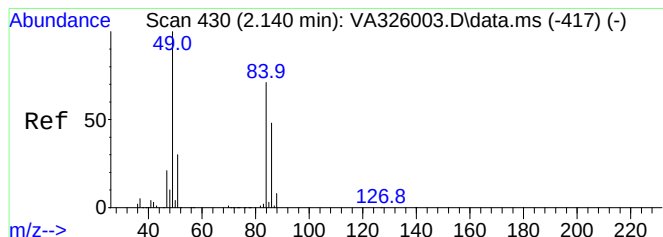
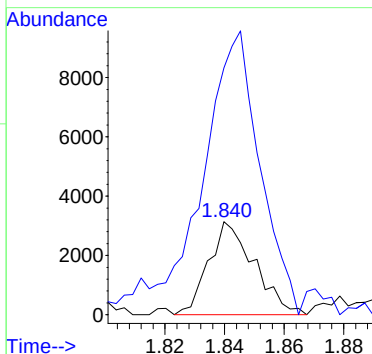
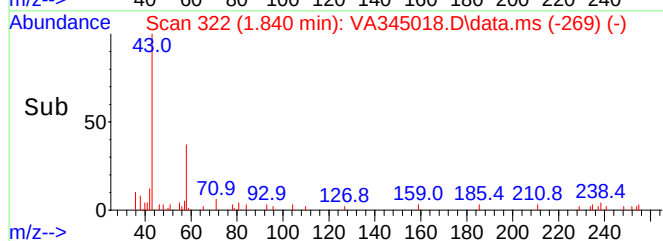
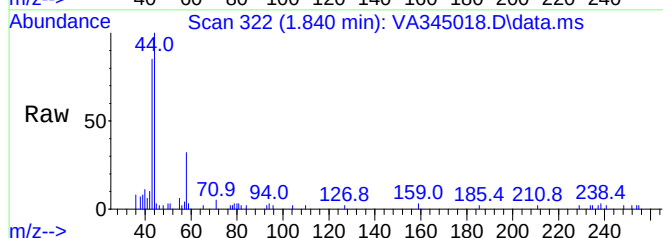
Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Mon Nov 12 13:10:19 2012
Response via : Initial Calibration
DataAcq Meth:821205S8





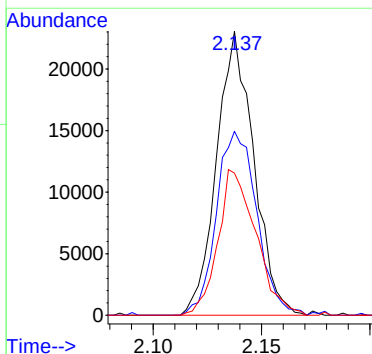
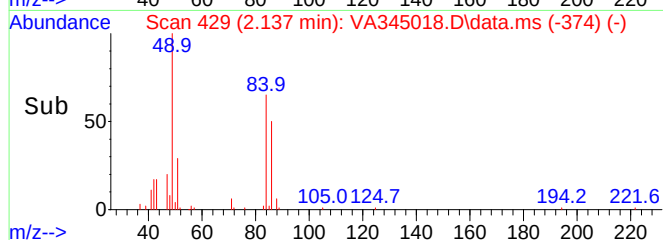
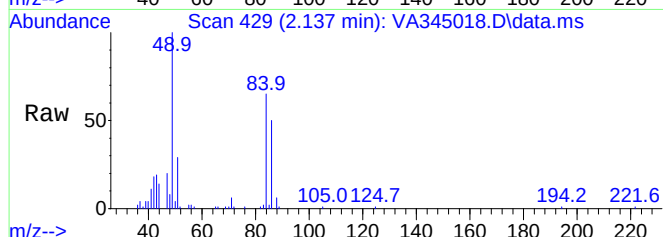
#12
ACETONE
Concen: 4.16 UG/L
RT: 1.840 min Scan# 322
Delta R.T. -0.002 min
Lab File: VA345018.D
Acq: 10 Dec 2012 12:41 pm

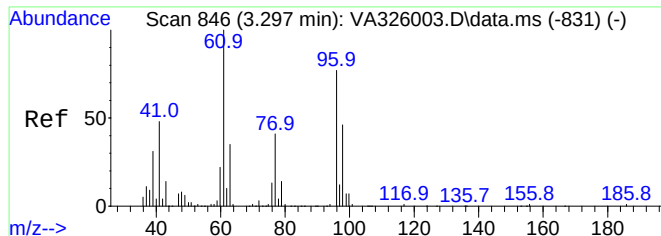
Tgt Ion: 58 Resp: 3343
Ion Ratio Lower Upper
58 100
43 369.4 273.3 409.9



#21
METHYLENE CHLORIDE
Concen: Below Cal
RT: 2.137 min Scan# 429
Delta R.T. -0.000 min
Lab File: VA345018.D
Acq: 10 Dec 2012 12:41 pm

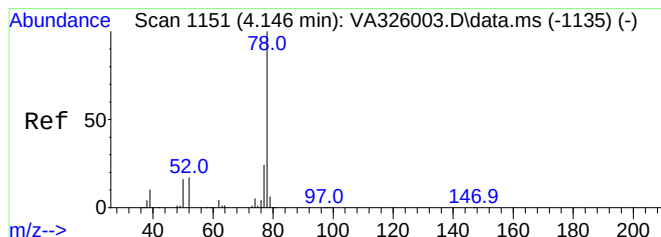
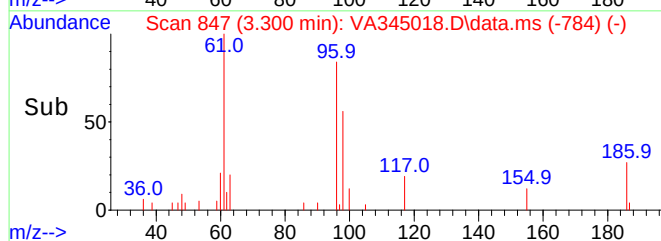
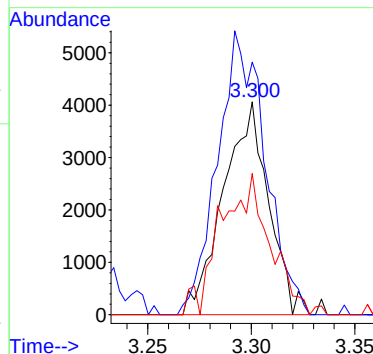
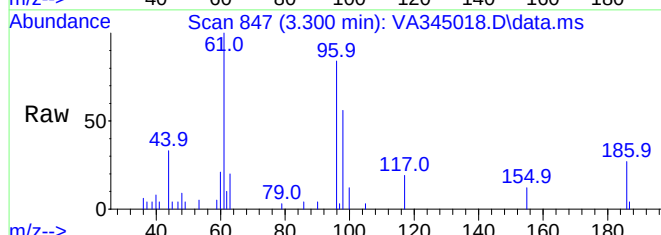
Tgt Ion: 49 Resp: 27554
Ion Ratio Lower Upper
49 100
84 70.3 55.8 83.8
86 52.4 37.3 55.9





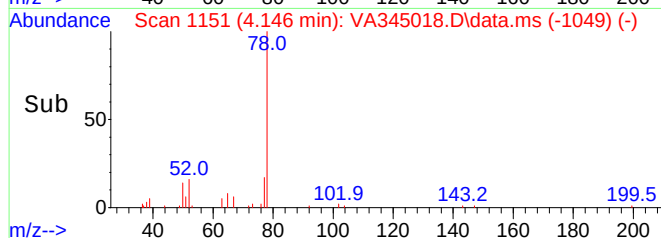
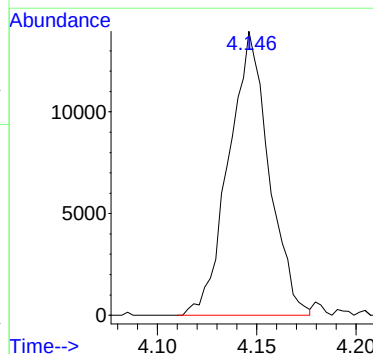
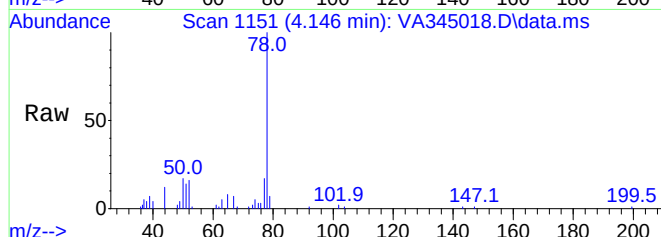
#31
CIS-1,2-DICHLOROETHENE
Concen: 0.42 UG/L
RT: 3.300 min Scan# 847
Delta R.T. 0.005 min
Lab File: VA345018.D
Acq: 10 Dec 2012 12:41 pm

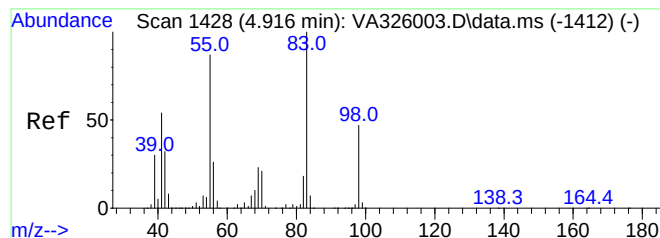
Tgt Ion: 96 Resp: 6166
Ion Ratio Lower Upper
96 100
61 140.7 121.8 182.6
98 72.8 52.2 78.2



#44
BENZENE
Concen: 0.35 UG/L
RT: 4.146 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VA345018.D
Acq: 10 Dec 2012 12:41 pm

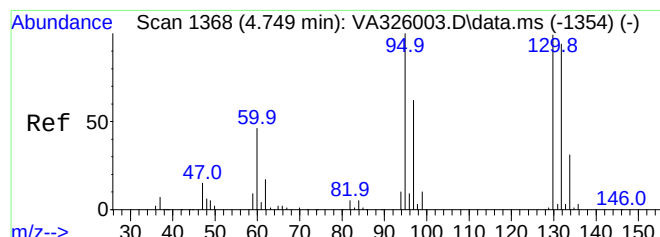
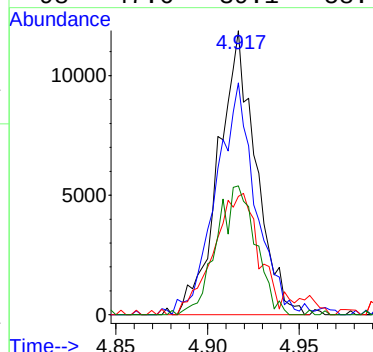
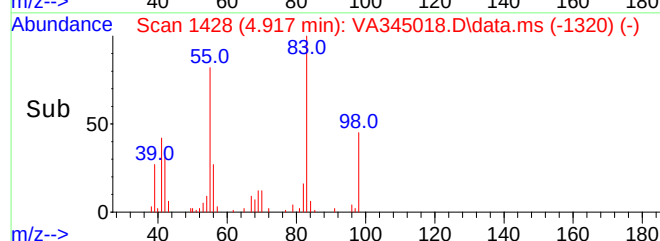
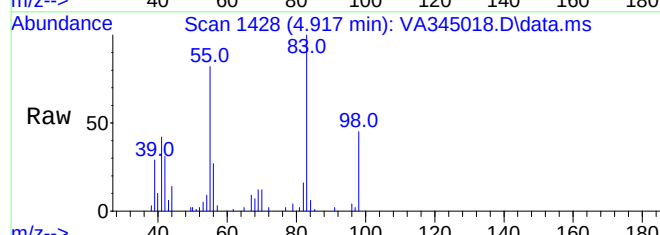
Tgt Ion: 78 Resp: 19634





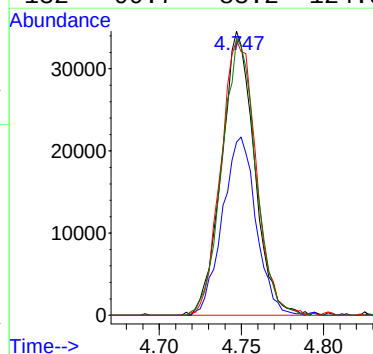
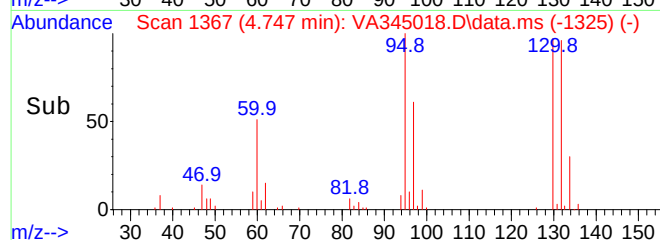
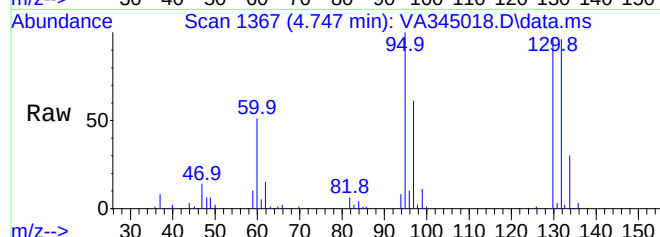
#47
METHYLCYCLOHEXANE
Concen: 0.78 UG/L
RT: 4.917 min Scan# 1428
Delta R.T. -0.000 min
Lab File: VA345018.D
Acq: 10 Dec 2012 12:41 pm

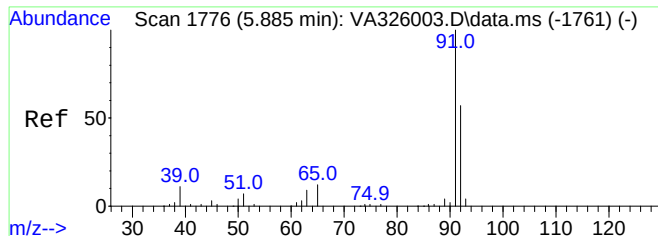
Tgt Ion: 83 Resp: 16936
Ion Ratio Lower Upper
83 100
55 86.3 68.9 103.3
41 50.7 41.3 61.9
98 47.6 39.1 58.7



#50
TRICHLOROETHENE
Concen: 3.29 UG/L
RT: 4.747 min Scan# 1367
Delta R.T. 0.000 min
Lab File: VA345018.D
Acq: 10 Dec 2012 12:41 pm

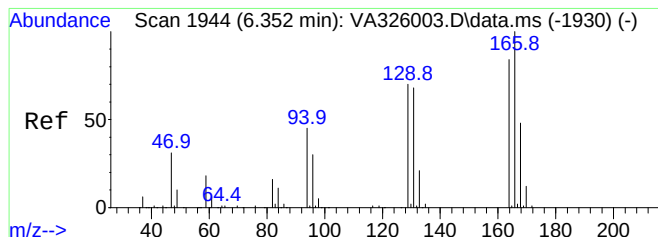
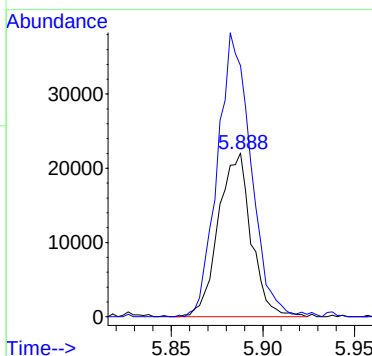
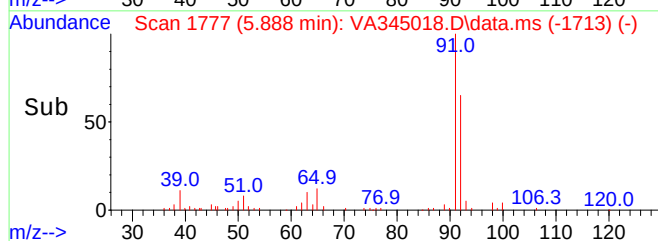
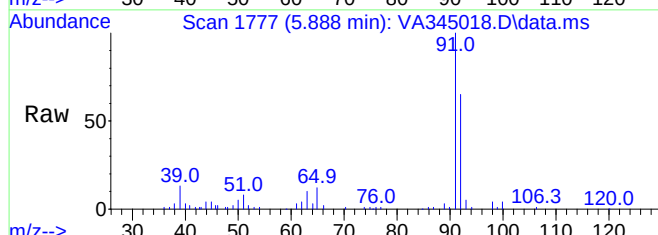
Tgt Ion: 95 Resp: 48071
Ion Ratio Lower Upper
95 100
97 64.3 51.3 76.9
130 103.5 82.2 123.4
132 99.7 83.2 124.8





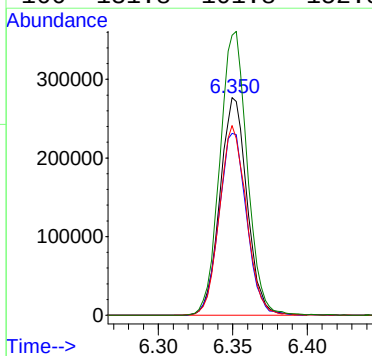
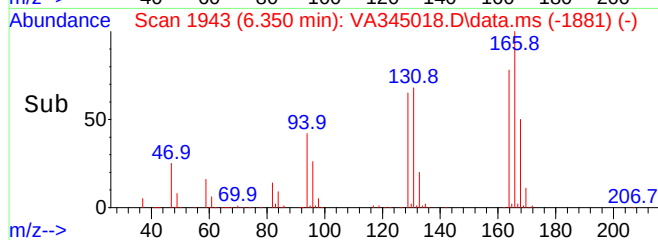
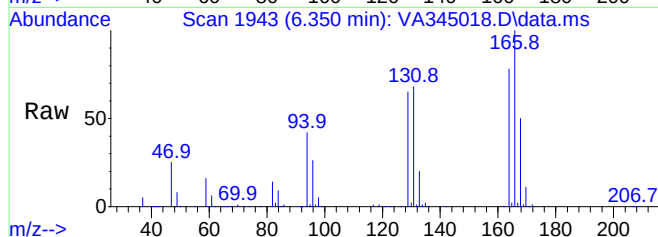
#59
TOLUENE
Concen: 0.72 UG/L
RT: 5.888 min Scan# 1777
Delta R.T. 0.003 min
Lab File: VA345018.D
Acq: 10 Dec 2012 12:41 pm

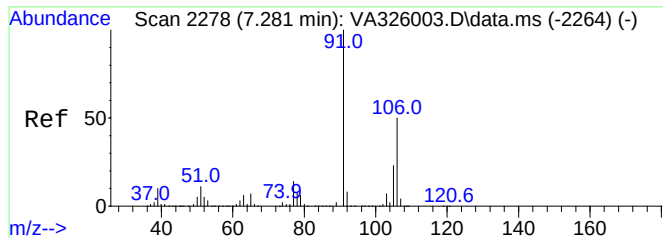
Tgt Ion: 92 Resp: 27340
Ion Ratio Lower Upper
92 100
91 176.5 134.0 201.0



#64
TETRACHLOROETHENE
Concen: 27.21 UG/L
RT: 6.350 min Scan# 1943
Delta R.T. 0.001 min
Lab File: VA345018.D
Acq: 10 Dec 2012 12:41 pm

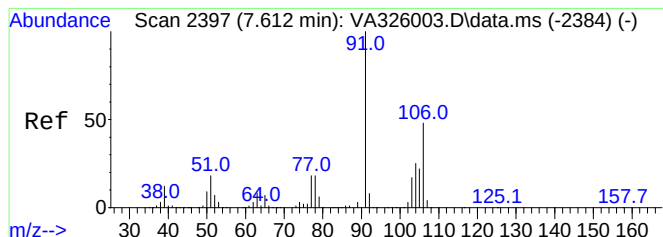
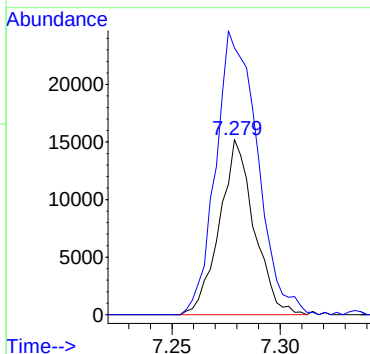
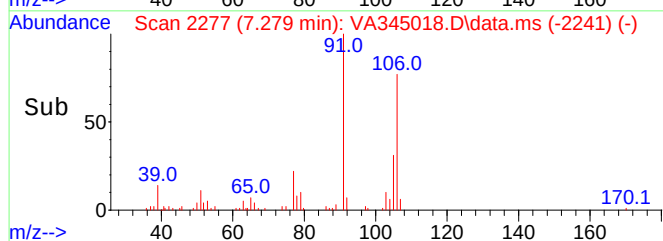
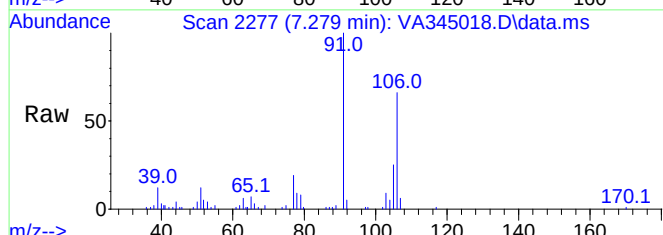
Tgt Ion: 164 Resp: 350252
Ion Ratio Lower Upper
164 100
129 85.4 71.4 107.2
131 86.6 70.6 105.8
166 131.8 101.8 152.8





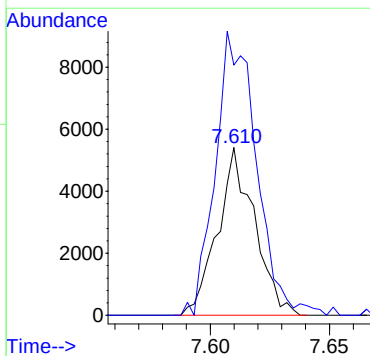
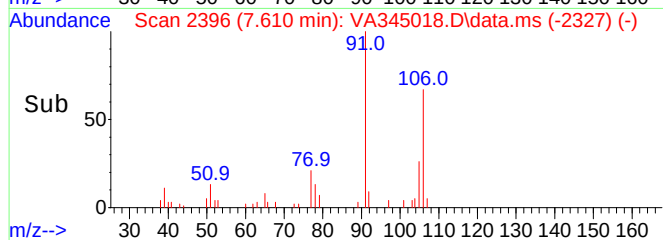
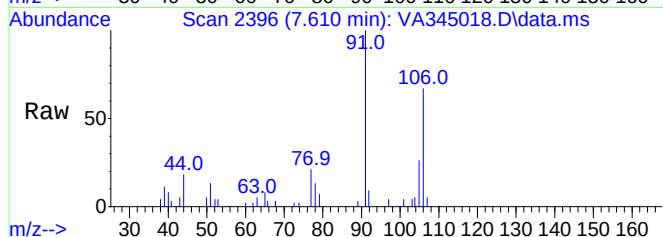
#73
M/P-XYLENES
Concen: 0.60 UG/L
RT: 7.279 min Scan# 2277
Delta R.T. -0.002 min
Lab File: VA345018.D
Acq: 10 Dec 2012 12:41 pm

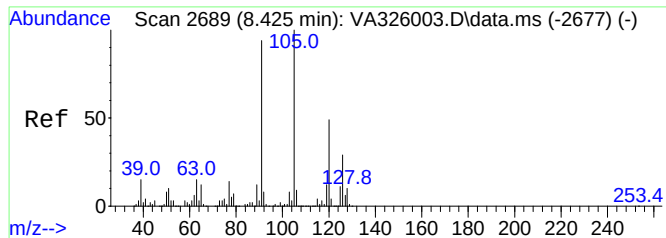
Tgt Ion:106 Resp: 16955
Ion Ratio Lower Upper
106 100
91 194.5 158.6 237.8



#74
0-XYLENE
Concen: 0.21 UG/L
RT: 7.610 min Scan# 2396
Delta R.T. -0.000 min
Lab File: VA345018.D
Acq: 10 Dec 2012 12:41 pm

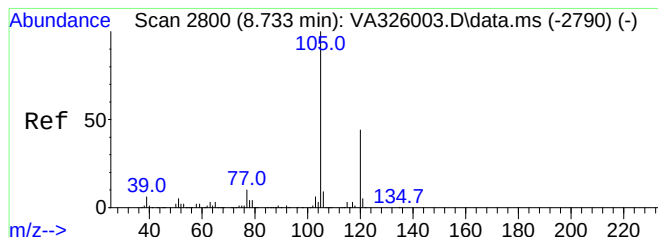
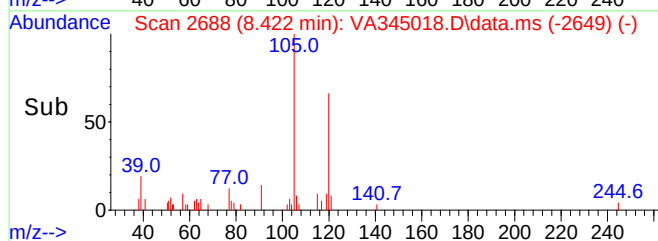
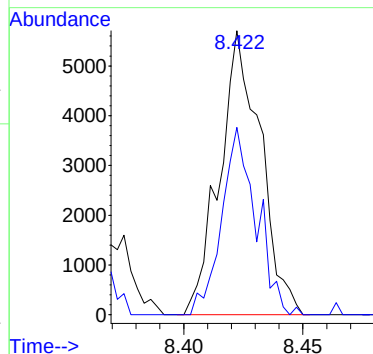
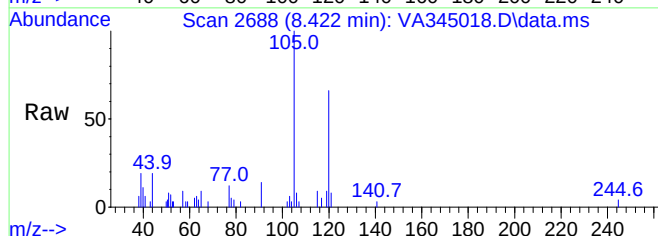
Tgt Ion:106 Resp: 5843
Ion Ratio Lower Upper
106 100
91 187.5 166.9 250.3





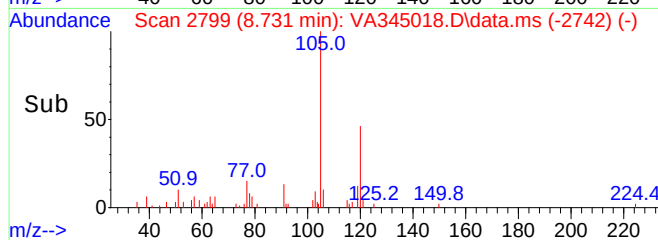
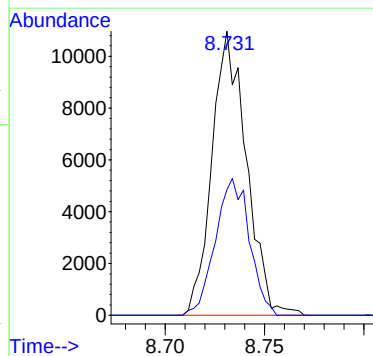
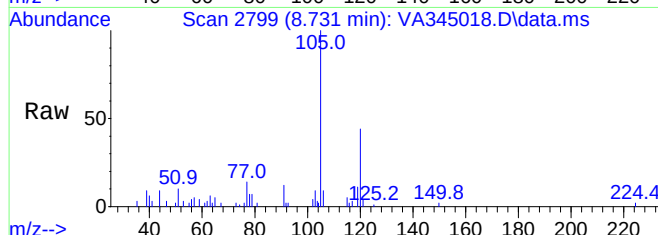
#84
1,3,5-TRIMETHYLBENZENE
Concen: 0.11 UG/L
RT: 8.422 min Scan# 2688
Delta R.T. -0.003 min
Lab File: VA345018.D
Acq: 10 Dec 2012 12:41 pm

Tgt Ion:105 Resp: 6831
Ion Ratio Lower Upper
105 100
120 55.7 40.5 60.7



#88
1,2,4-TRIMETHYLBENZENE
Concen: 0.24 UG/L
RT: 8.731 min Scan# 2799
Delta R.T. -0.003 min
Lab File: VA345018.D
Acq: 10 Dec 2012 12:41 pm

Tgt Ion:105 Resp: 13231
Ion Ratio Lower Upper
105 100
120 47.5 37.3 55.9



Data Path : V:\DATA\121012\
 Data File : VA345018.D
 Acq On : 10 Dec 2012 12:41 pm
 Operator : MFF
 Sample : 12L0266-07
 Misc :
 ALS Vial : 18 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: VA345018.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	0.963	3	7	18	rVB	263365	165143	4.06%	0.672%
2	1.055	35	40	45	rBV	189186	123767	3.05%	0.504%
3	1.130	62	67	73	rVB	217546	148087	3.64%	0.603%
4	1.406	159	166	174	rBV	132311	131211	3.23%	0.534%
5	1.550	210	218	227	rVB	112766	112975	2.78%	0.460%
6	2.137	419	429	433	rBV	83655	107533	2.65%	0.438%
7	2.354	494	507	517	rBV2	50026	81554	2.01%	0.332%
8	2.585	576	590	604	rBV	176172	288037	7.09%	1.172%
9	3.189	792	807	822	rBV5	44099	83845	2.06%	0.341%
10	3.840	1017	1041	1056	rBV2	1512066	2482830	61.11%	10.103%
11	4.093	1118	1132	1144	rBV3	568016	884688	21.78%	3.600%
12	4.146	1145	1151	1162	rVB4	31130	45007	1.11%	0.183%
13	4.427	1240	1252	1264	rBV3	34561	54053	1.33%	0.220%
14	4.522	1272	1286	1305	rBV	2052120	2952881	72.68%	12.016%
15	4.747	1355	1367	1381	rBV3	192331	282431	6.95%	1.149%
16	4.917	1410	1428	1440	rBV5	56027	92827	2.28%	0.378%
17	5.827	1744	1755	1768	rBV	2613544	3342458	82.27%	13.601%
18	5.882	1768	1775	1788	rVB2	90185	118624	2.92%	0.483%
19	6.350	1931	1943	1961	rBV	2026771	2589311	63.73%	10.536%
20	7.051	2183	2195	2214	rBV	3062832	3714514	91.43%	15.115%
21	7.279	2268	2277	2289	rBV3	74842	103641	2.55%	0.422%
22	8.044	2540	2552	2571	rBV	2153696	2565603	63.15%	10.440%
23	8.731	2791	2799	2808	rVB4	33167	41402	1.02%	0.168%
24	9.009	2887	2899	2916	rBV	3579446	4062833	100.00%	16.532%

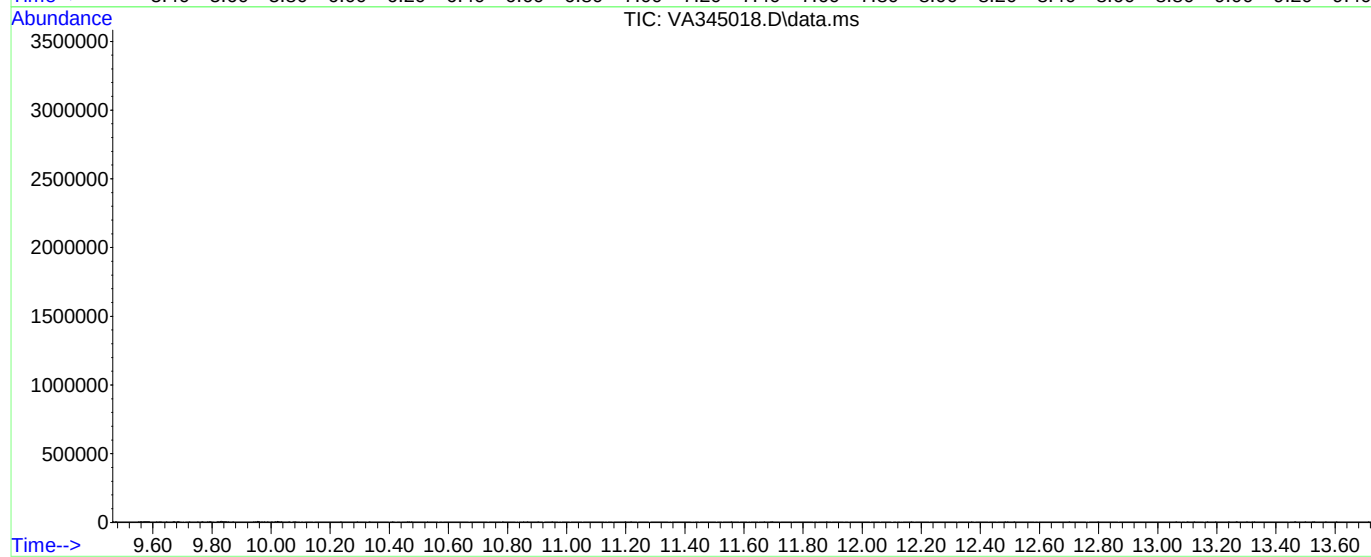
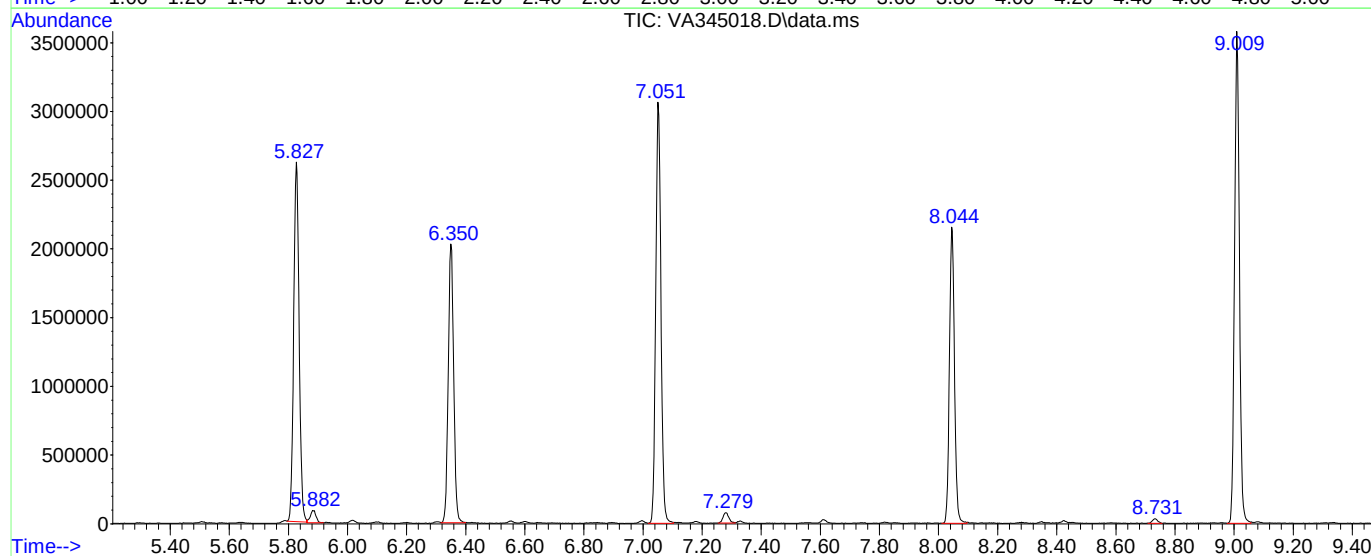
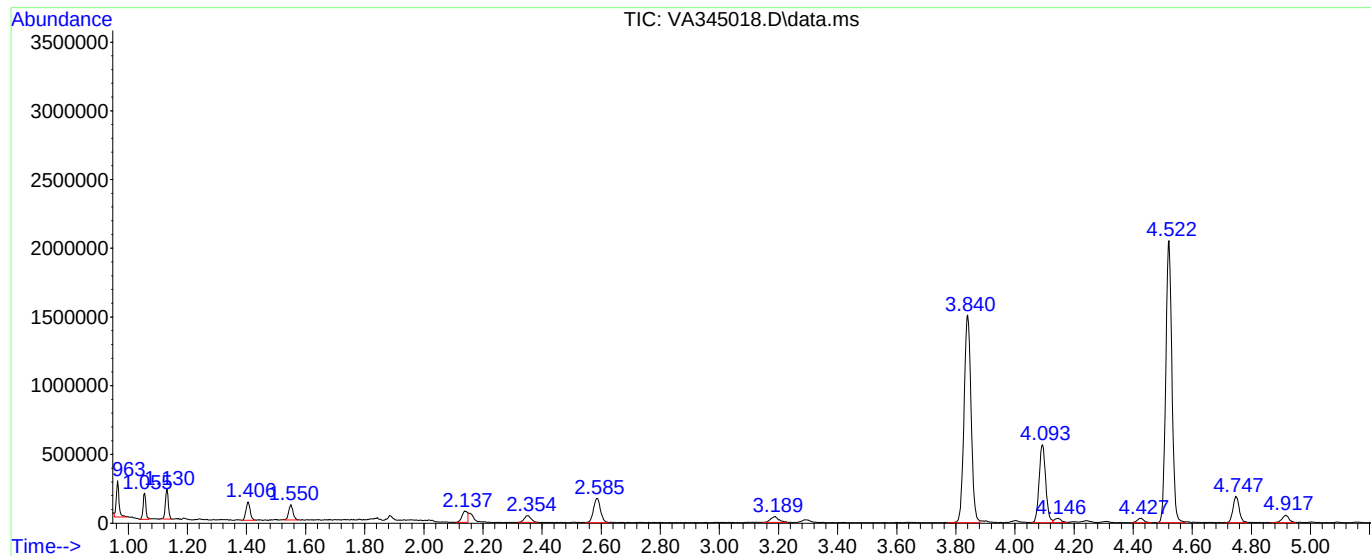
Sum of corrected areas: 24575255

Data Path : V:\DATA\121012\
Data File : VA345018.D
Acq On : 10 Dec 2012 12:41 pm
Operator : MFF
Sample : 12L0266-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

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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\121012\
Data File : VA345018.D
Acq On : 10 Dec 2012 12:41 pm
Operator : MFF
Sample : 12L0266-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

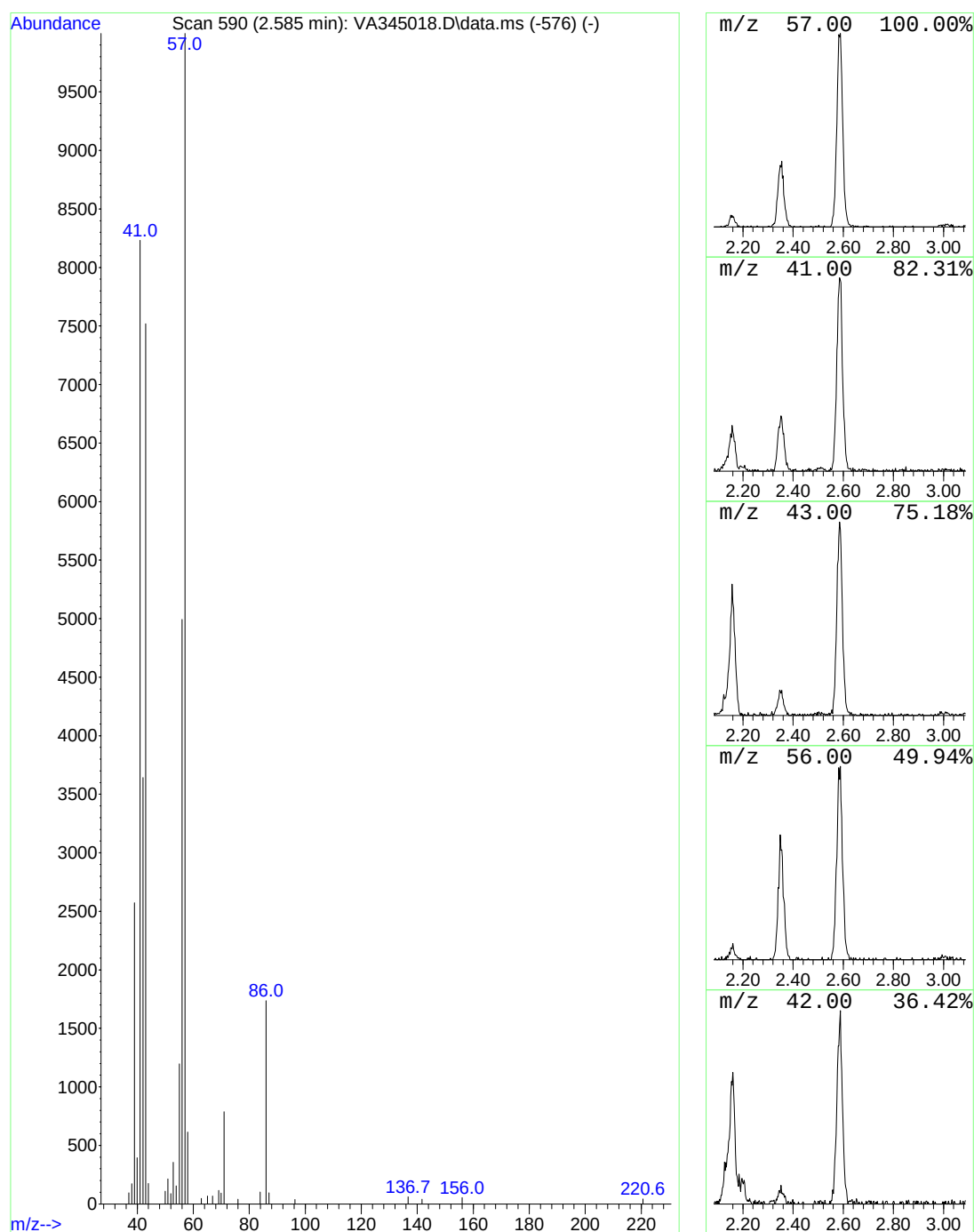
Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)

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

Peak Number 1 Error searching C:\DATABASE... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.585	3.48 UG/L	288037	PENTAFLUOROBENZENE - ISTD	3.843

Hit# of	1	Tentative ID	MW	MolForm	CAS#	Qual
1	Error searching C:\DATABASE\NIST...		0			0



Data Path : V:\DATA\121012\
Data File : VA345018.D
Acq On : 10 Dec 2012 12:41 pm
Operator : MFF
Sample : 12L0266-07
Misc :
ALS Vial : 18 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	#	RT	Resp	Conc
Error searching...	2.585	3.5	UG/L	288037	1	3.843	2482830	30.0

1 - FORM I

ANALYSIS DATA SHEET

B-20 (0-2ft)

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0266
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: 12L0266-08 File ID: VA345019.D
 Sampled: 12/07/12 08:00 Prepared: 12/10/12 05:45 Analyzed: 12/10/12 13:08
 Solids: 82.10 Preparation: SW-846 5035 Dilution: 1
 Initial/Final: 5.09 g / 10 mL
 Batch: B064340 Sequence: S003568 Calibration: 1200210 Instrument: GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
67-64-1	Acetone		0.028	0.12	V-05, V-16
107-13-1	Acrylonitrile		0.0030	0.0072	
994-05-8	tert-Amyl Methyl Ether (TAME)		0.00084	0.0012	
71-43-2	Benzene		0.00084	0.0024	
108-86-1	Bromobenzene		0.00096	0.0024	
74-97-5	Bromochloromethane		0.0017	0.0024	
75-27-4	Bromodichloromethane		0.00072	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	0.048	V-16
75-65-0	tert-Butyl Alcohol (TBA)		0.025	0.048	V-16
104-51-8	n-Butylbenzene		0.00084	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)		0.00072	0.0024	
75-15-0	Carbon Disulfide		0.0039	0.0072	
56-23-5	Carbon Tetrachloride		0.00096	0.0024	
108-90-7	Chlorobenzene		0.00084	0.0024	
124-48-1	Chlorodibromomethane		0.00084	0.0012	
75-00-3	Chloroethane		0.0018	0.024	
67-66-3	Chloroform		0.00084	0.0048	
74-87-3	Chloromethane		0.0011	0.012	
95-49-8	2-Chlorotoluene		0.00096	0.0024	
106-43-4	4-Chlorotoluene		0.00096	0.0024	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)		0.0013	0.0024	V-16

1 - FORM I

ANALYSIS DATA SHEET

B-20 (0-2ft)

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266				
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners				
Matrix:	Soil	Laboratory ID:	12L0266-08	File ID:	VA345019.D		
Sampled:	12/07/12 08:00	Prepared:	12/10/12 05:45	Analyzed:	12/10/12 13:08		
Solids:	82.10	Preparation:	SW-846 5035	Dilution:	1		
Initial/Final:	5.09 g / 10 mL						
Batch:	B064340	Sequence:	S003568	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		0.00072	0.0024	
95-50-1	1,2-Dichlorobenzene		0.00084	0.0024	
541-73-1	1,3-Dichlorobenzene		0.00084	0.0024	
106-46-7	1,4-Dichlorobenzene		0.00096	0.0024	
110-57-6	trans-1,4-Dichloro-2-butene		0.0014	0.0048	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)		0.0016	0.024	
75-34-3	1,1-Dichloroethane		0.00084	0.0024	
107-06-2	1,2-Dichloroethane		0.0016	0.0024	
75-35-4	1,1-Dichloroethylene		0.0013	0.0048	
156-59-2	cis-1,2-Dichloroethylene	0.0039	0.00096	0.0024	
156-60-5	trans-1,2-Dichloroethylene		0.0011	0.0024	
78-87-5	1,2-Dichloropropane		0.0016	0.0024	
142-28-9	1,3-Dichloropropane		0.00084	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		0.00084	0.0012	
10061-02-6	trans-1,3-Dichloropropene		0.00084	0.0012	
60-29-7	Diethyl Ether		0.0022	0.024	
108-20-3	Diisopropyl Ether (DIPE)		0.00072	0.0012	
123-91-1	1,4-Dioxane		0.069	0.12	V-16
100-41-4	Ethylbenzene		0.00096	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)		0.00084	0.0024	

1 - FORM I

ANALYSIS DATA SHEET

B-20 (0-2ft)

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266				
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners				
Matrix:	Soil	Laboratory ID:	12L0266-08	File ID:	VA345019.D		
Sampled:	12/07/12 08:00	Prepared:	12/10/12 05:45	Analyzed:	12/10/12 13:08		
Solids:	82.10	Preparation:	SW-846 5035	Dilution:	1		
Initial/Final:	5.09 g / 10 mL						
Batch:	B064340	Sequence:	S003568	Calibration:	1200210	Instrument:	GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
99-87-6	p-Isopropyltoluene (p-Cymene)		0.00096	0.0024	
1634-04-4	Methyl tert-Butyl Ether (MTBE)		0.0011	0.0048	
75-09-2	Methylene Chloride		0.0085	0.024	V-05
108-10-1	4-Methyl-2-pentanone (MIBK)		0.0091	0.024	
91-20-3	Naphthalene		0.00084	0.0048	V-05
103-65-1	n-Propylbenzene		0.00084	0.0024	
100-42-5	Styrene		0.00072	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	0.021	0.0016	0.0024	
109-99-9	Tetrahydrofuran		0.0026	0.012	V-16
108-88-3	Toluene		0.00096	0.0024	
87-61-6	1,2,3-Trichlorobenzene		0.00072	0.0024	
120-82-1	1,2,4-Trichlorobenzene		0.00096	0.0024	
108-70-3	1,3,5-Trichlorobenzene		0.00084	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		0.00096	0.0024	
108-67-8	1,3,5-Trimethylbenzene		0.00072	0.0024	
75-01-4	Vinyl Chloride		0.0013	0.012	
108383/106423	m+p Xylene		0.0020	0.0048	

1 - FORM I

ANALYSIS DATA SHEET

B-20 (0-2ft)

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266				
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners				
Matrix:	Soil	Laboratory ID:	12L0266-08	File ID:	VA345019.D		
Sampled:	12/07/12 08:00	Prepared:	12/10/12 05:45	Analyzed:	12/10/12 13:08		
Solids:	82.10	Preparation:	SW-846 5035	Dilution:	1		
Initial/Final:	5.09 g / 10 mL						
Batch:	B064340	Sequence:	S003568	Calibration:	1200210	Instrument:	GCMSVOA1

CAS NO.	COMPOUND	CONC. (mg/Kg dry)	MDL	RL	Q
95-47-6	o-Xylene		0.00084	0.0024	
	No TICs Found	0.0			

Data File : V:\DATA\121012\VA345019.D
 Acq On : 10 Dec 2012 1:08 pm
 Sample : 12L0266-08
 InstName : GCMSVOA1
 Misc :
 Quant Time: Dec 10 13:24:30 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	920815	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.523	114	1257294	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.052	117	1178845	30.00	UG/L	0.00
86) 1,4-DICHLOROBENZENE-D4...	9.011	152	638177	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.092	65	285104	22.47	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	89.88%		
48) TOLUENE SS	5.828	98	1286178	25.40	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.60%		
69) 4-BROMOFLUROBENZENE SS	8.046	95	439803	23.12	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.48%		
Target Compounds						
12) ACETONE	1.847	58	4429	5.598	UG/L	Qvalue 71
21) METHYLENE CHLORIDE	2.139	49	24762	Below	Cal	95
22) CARBON DISULFIDE	1.964	76	20349	0.429	UG/L	# 93
31) CIS-1,2-DICHLOROETHENE	3.294	96	23578	1.633	UG/L	87
44) BENZENE	4.145	78	24702	0.451	UG/L	100
47) METHYLCYCLOHEXANE	4.919	83	25772	1.221	UG/L	96
50) TRICHLOROETHENE	4.749	95	13393	0.942	UG/L	96
64) TETRACHLOROETHENE	6.351	164	110942	8.846	UG/L	96
73) M/P-XYLENES	7.278	106	6855	0.254	UG/L	96
74) O-XYLENE	7.612	106	2710	0.102	UG/L	98
88) 1,2,4-TRIMETHYLBENZENE	8.733	105	5421	0.109	UG/L	94
91) P-ISOPROPYLTOLUENE	9.005	119	7810	0.144	UG/L	# 66

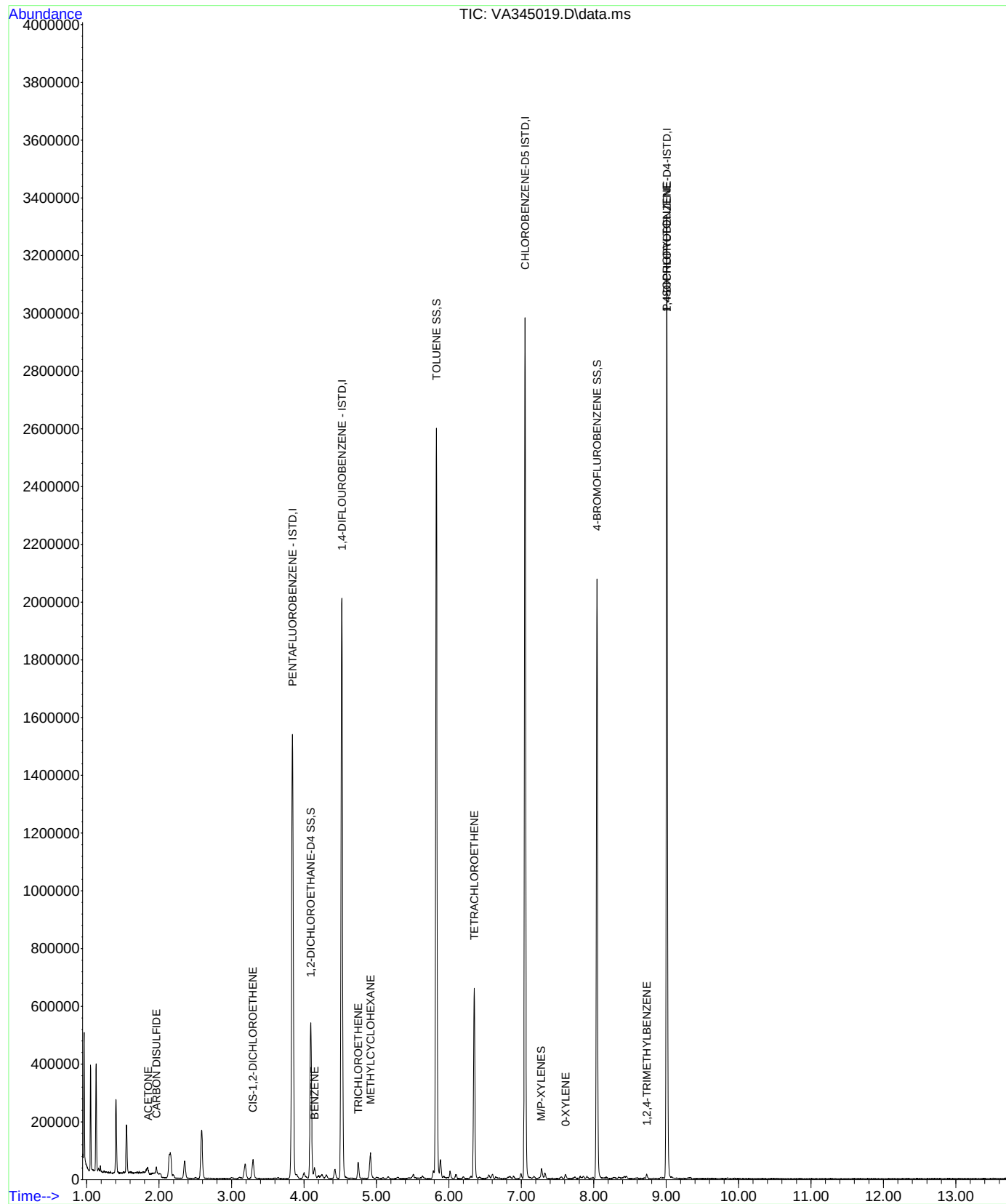
(#) = qualifier out of range (m) = manual integration (+) = signals summed

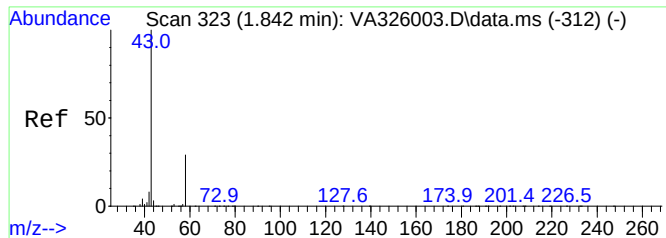
Data File : V:\DATA\121012\VA345019.D
Acq On : 10 Dec 2012 1:08 pm
Sample : 12L0266-08
InstName : GCMSVOA1
Misc :
Quant Time: Dec 10 13:24:30 2012

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

178

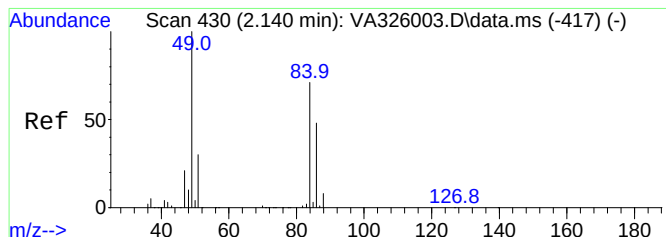
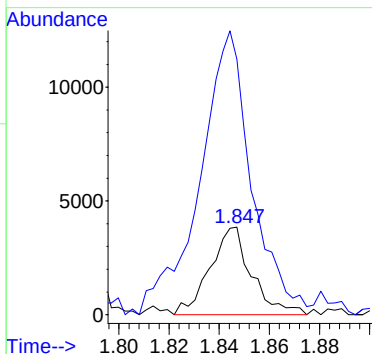
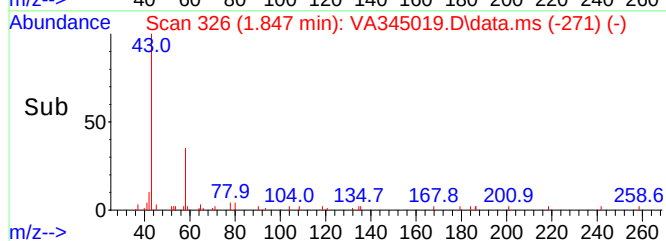
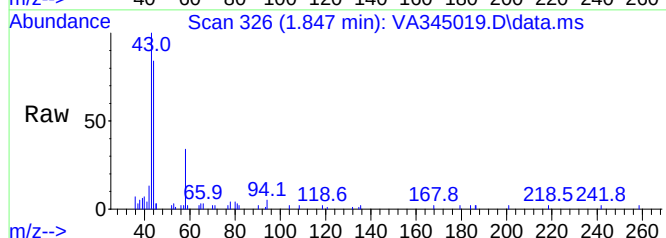
Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Mon Nov 12 13:10:19 2012
Response via : Initial Calibration
DataAcq Meth:821205S8





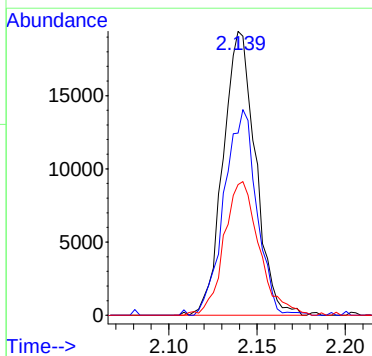
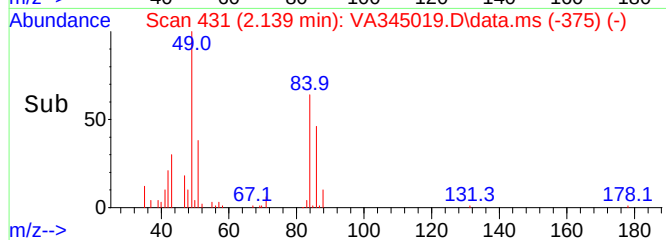
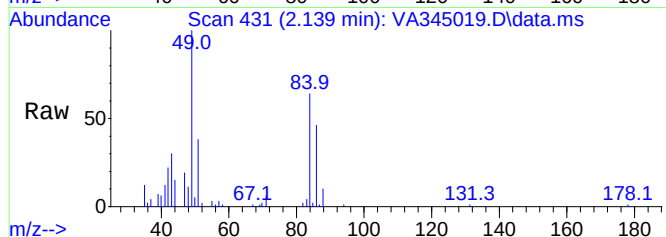
#12
ACETONE
Concen: 5.60 UG/L
RT: 1.847 min Scan# 326
Delta R.T. 0.005 min
Lab File: VA345019.D
Acq: 10 Dec 2012 1:08 pm

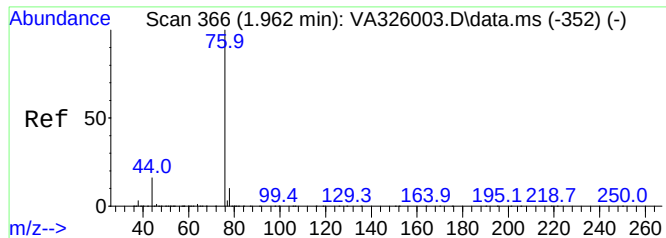
Tgt Ion: 58 Resp: 4429
Ion Ratio Lower Upper
58 100
43 404.5 273.3 409.9



#21
METHYLENE CHLORIDE
Concen: Below Cal
RT: 2.139 min Scan# 431
Delta R.T. 0.001 min
Lab File: VA345019.D
Acq: 10 Dec 2012 1:08 pm

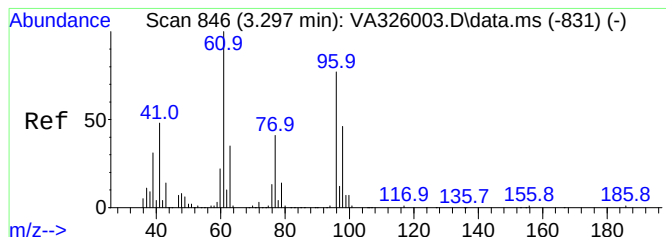
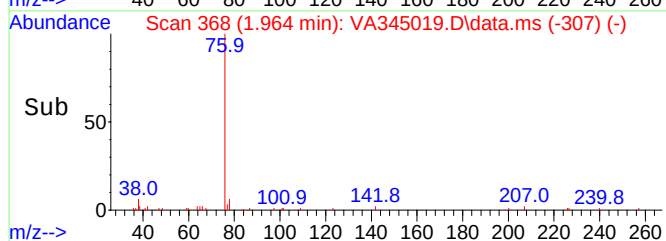
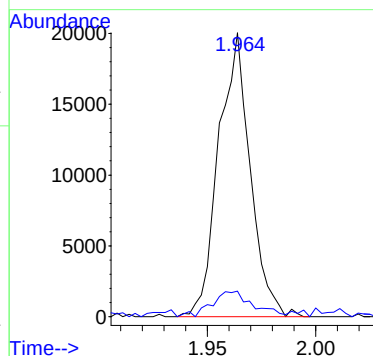
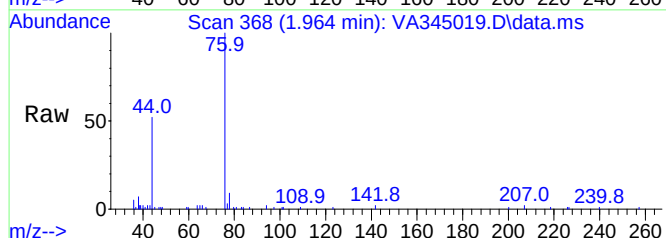
Tgt Ion: 49 Resp: 24762
Ion Ratio Lower Upper
49 100
84 72.5 55.8 83.8
86 51.1 37.3 55.9





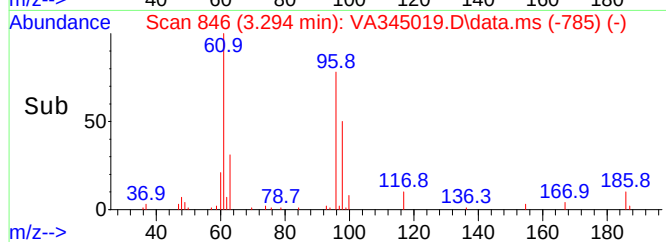
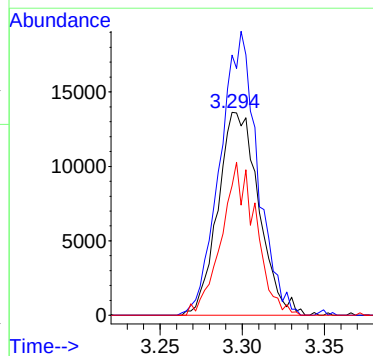
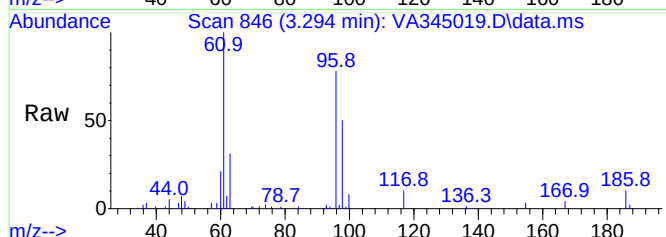
#22
CARBON DISULFIDE
Concen: 0.43 UG/L
RT: 1.964 min Scan# 368
Delta R.T. 0.002 min
Lab File: VA345019.D
Acq: 10 Dec 2012 1:08 pm

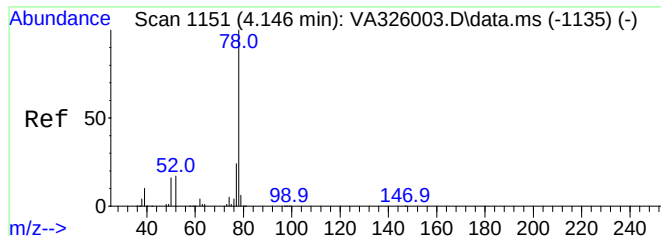
Tgt Ion: 76 Resp: 20349
Ion Ratio Lower Upper
76 100
78 11.6 7.4 11.0#



#31
CIS-1,2-DICHLOROETHENE
Concen: 1.63 UG/L
RT: 3.294 min Scan# 846
Delta R.T. -0.001 min
Lab File: VA345019.D
Acq: 10 Dec 2012 1:08 pm

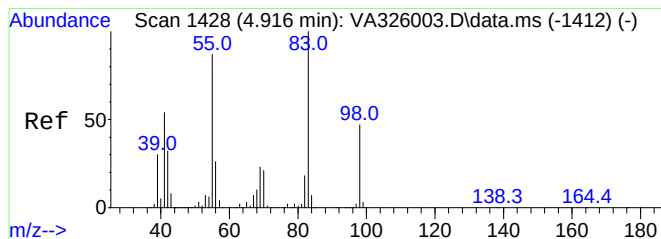
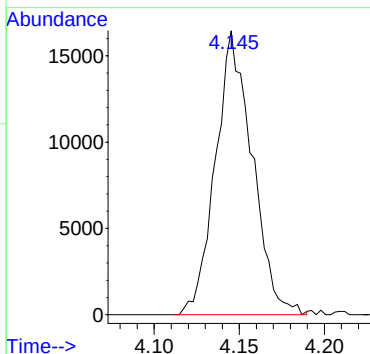
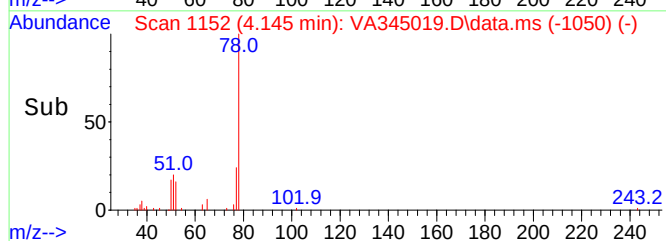
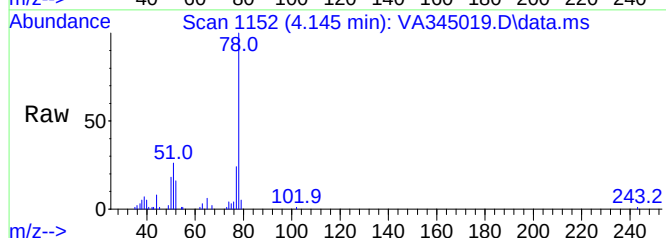
Tgt Ion: 96 Resp: 23578
Ion Ratio Lower Upper
96 100
61 128.7 121.8 182.6
98 64.0 52.2 78.2





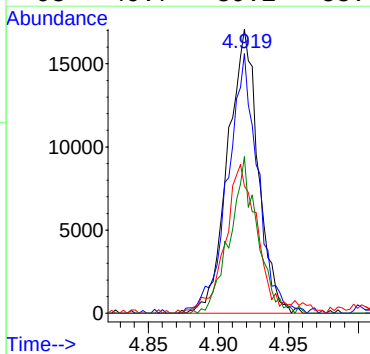
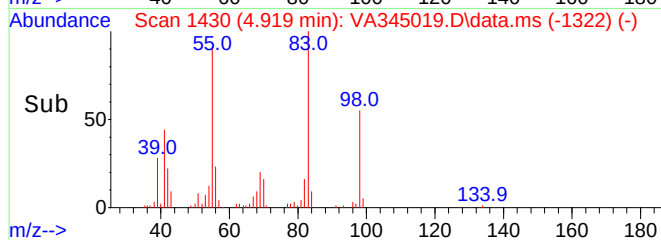
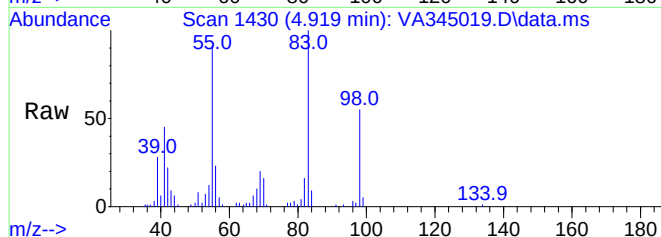
#44
 BENZENE
 Concen: 0.45 UG/L
 RT: 4.145 min Scan# 1152
 Delta R.T. -0.001 min
 Lab File: VA345019.D
 Acq: 10 Dec 2012 1:08 pm

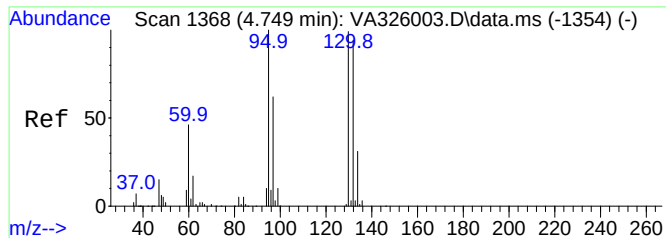
Tgt Ion: 78 Resp: 24702



#47
 METHYLCYCLOHEXANE
 Concen: 1.22 UG/L
 RT: 4.919 min Scan# 1430
 Delta R.T. 0.002 min
 Lab File: VA345019.D
 Acq: 10 Dec 2012 1:08 pm

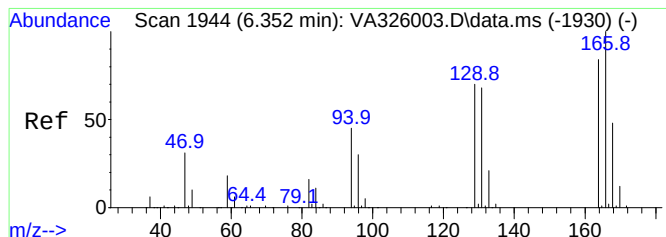
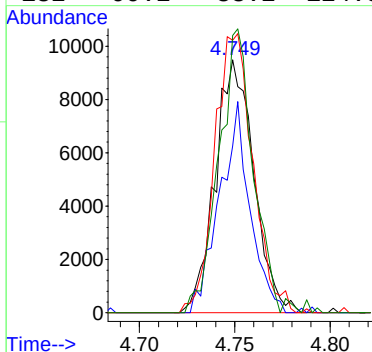
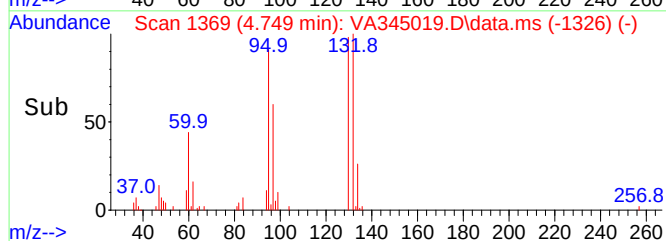
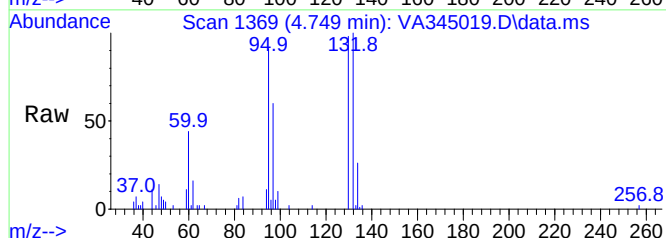
Tgt Ion: 83 Resp: 25772
 Ion Ratio Lower Upper
 83 100
 55 90.4 68.9 103.3
 41 55.0 41.3 61.9
 98 49.7 39.1 58.7





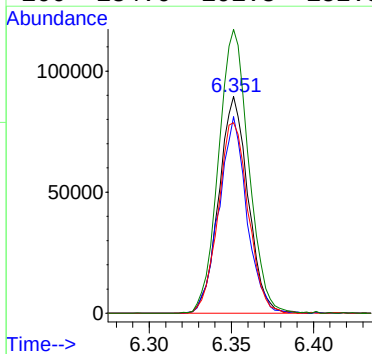
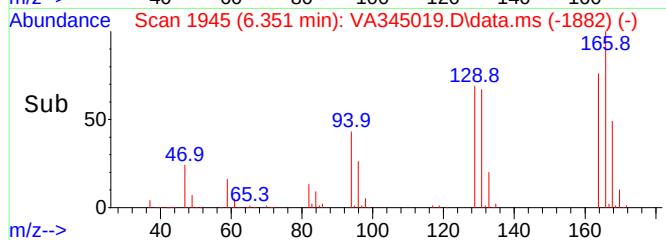
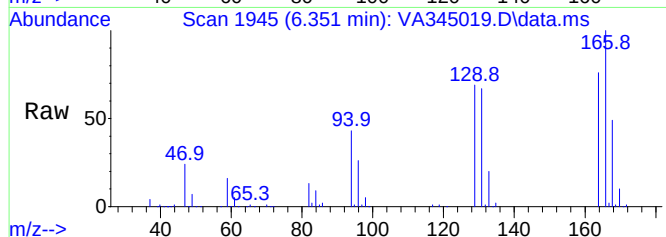
#50
TRICHLOROETHENE
Concen: 0.94 UG/L
RT: 4.749 min Scan# 1369
Delta R.T. 0.002 min
Lab File: VA345019.D
Acq: 10 Dec 2012 1:08 pm

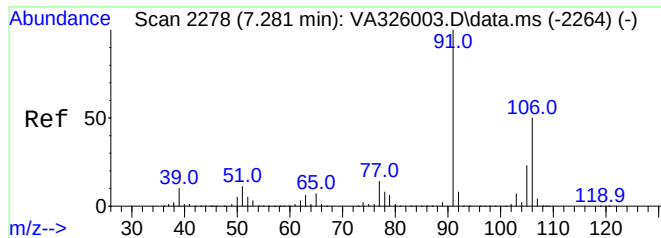
Tgt Ion: 95 Resp: 13393
Ion Ratio Lower Upper
95 100
97 65.5 51.3 76.9
130 108.7 82.2 123.4
132 99.2 83.2 124.8



#64
TETRACHLOROETHENE
Concen: 8.85 UG/L
RT: 6.351 min Scan# 1945
Delta R.T. 0.002 min
Lab File: VA345019.D
Acq: 10 Dec 2012 1:08 pm

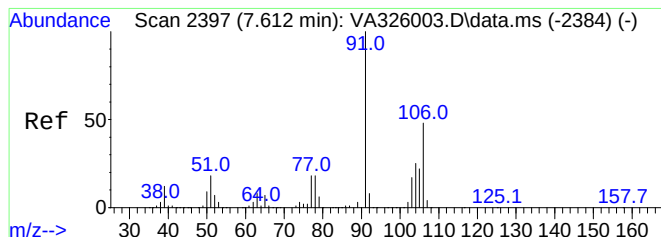
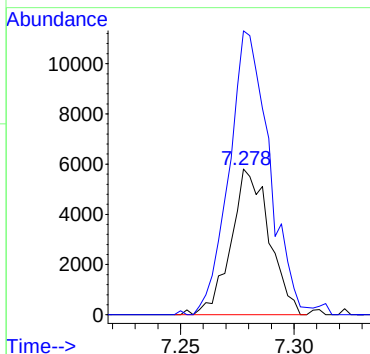
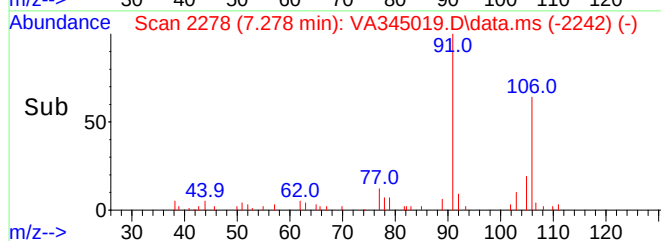
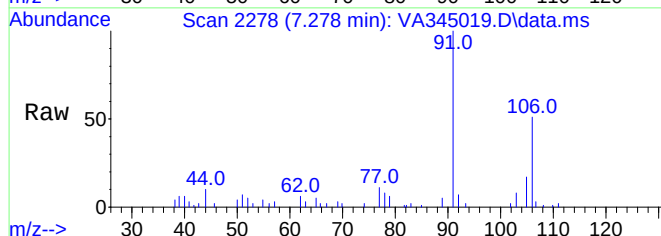
Tgt Ion: 164 Resp: 110942
Ion Ratio Lower Upper
164 100
129 86.4 71.4 107.2
131 90.3 70.6 105.8
166 134.6 101.8 152.8





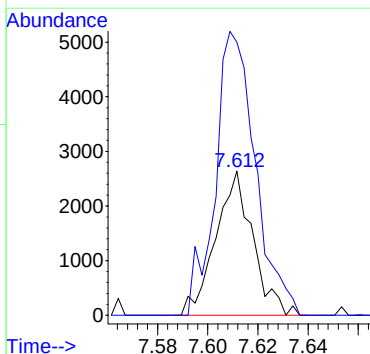
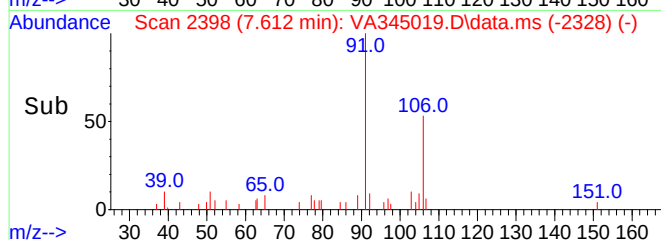
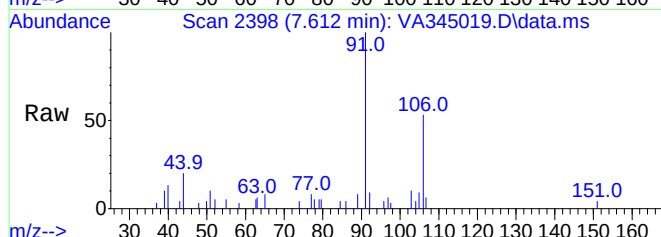
#73
M/P-XYLENES
Concen: 0.25 UG/L
RT: 7.278 min Scan# 2278
Delta R.T. -0.003 min
Lab File: VA345019.D
Acq: 10 Dec 2012 1:08 pm

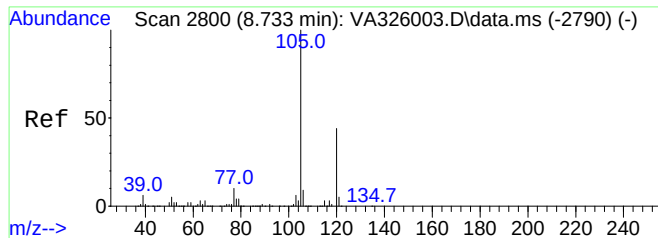
Tgt Ion:106 Resp: 6855
Ion Ratio Lower Upper
106 100
91 203.9 158.6 237.8



#74
0-XYLENE
Concen: 0.10 UG/L
RT: 7.612 min Scan# 2398
Delta R.T. 0.001 min
Lab File: VA345019.D
Acq: 10 Dec 2012 1:08 pm

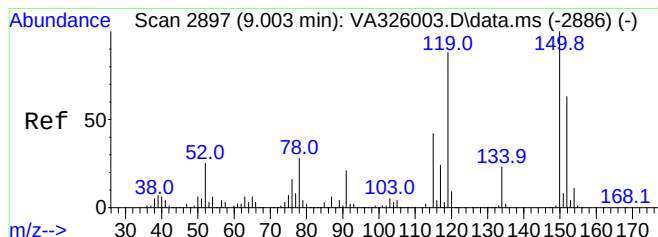
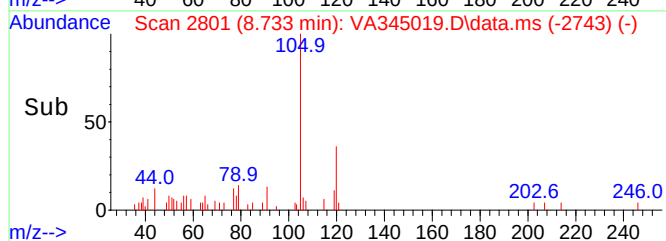
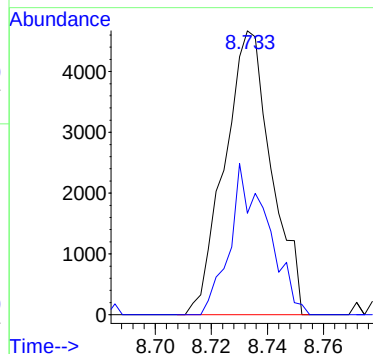
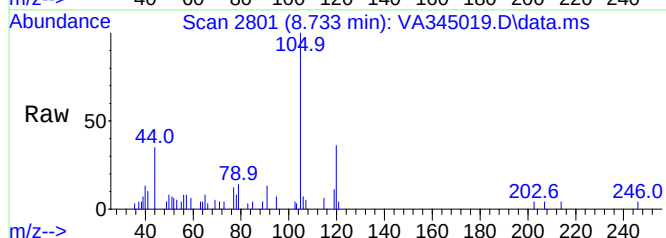
Tgt Ion:106 Resp: 2710
Ion Ratio Lower Upper
106 100
91 211.9 166.9 250.3





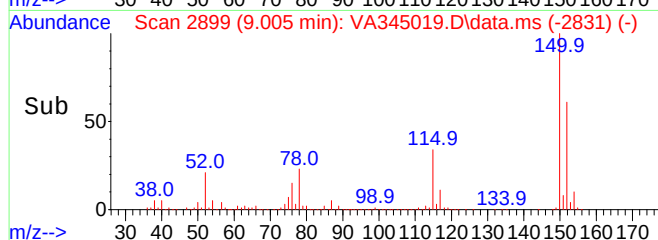
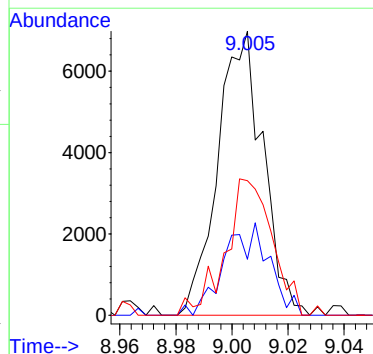
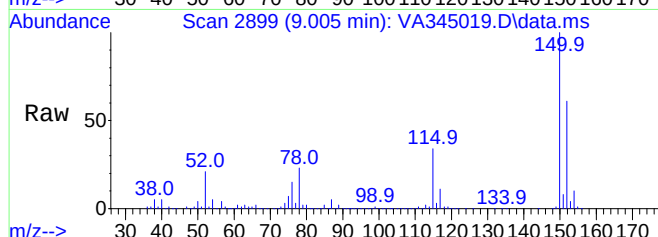
#88
1,2,4-TRIMETHYLBENZENE
Concen: 0.11 UG/L
RT: 8.733 min Scan# 2801
Delta R.T. -0.001 min
Lab File: VA345019.D
Acq: 10 Dec 2012 1:08 pm

Tgt Ion:105 Resp: 5421
Ion Ratio Lower Upper
105 100
120 42.9 37.3 55.9



#91
P-ISOPROPYLTOLUENE
Concen: 0.14 UG/L
RT: 9.005 min Scan# 2899
Delta R.T. 0.001 min
Lab File: VA345019.D
Acq: 10 Dec 2012 1:08 pm

Tgt Ion:119 Resp: 7810
Ion Ratio Lower Upper
119 100
134 18.3 21.6 32.4#
91 49.5 18.5 27.7#



Data Path : V:\DATA\121012\
 Data File : VA345019.D
 Acq On : 10 Dec 2012 1:08 pm
 Operator : MFF
 Sample : 12L0266-08
 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: VA345019.D\data.ms

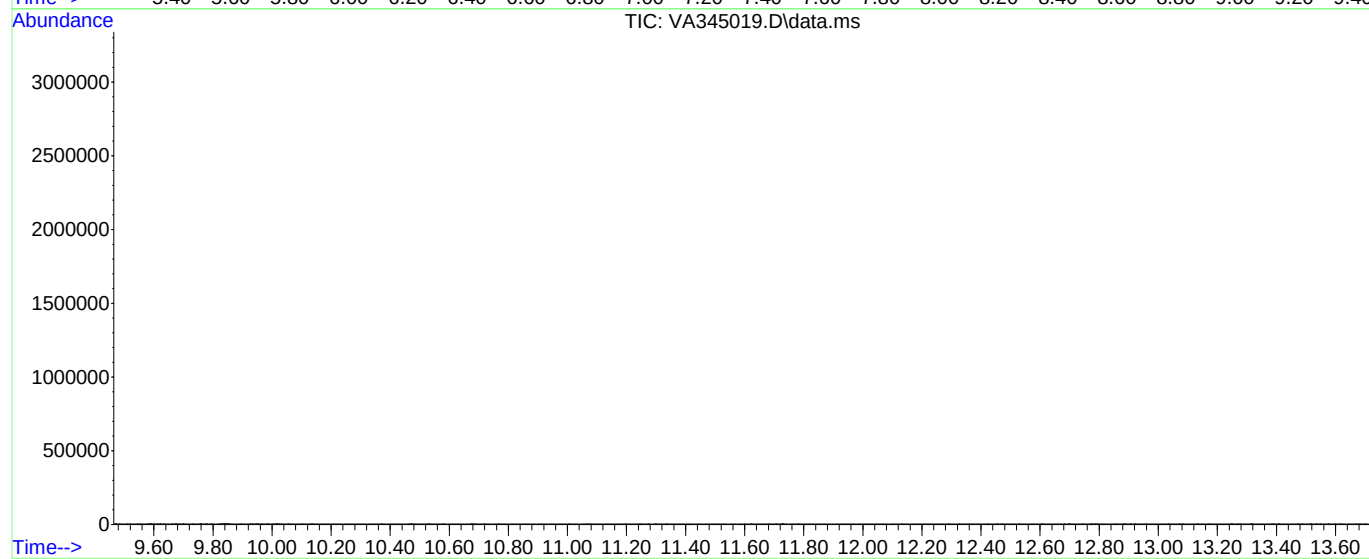
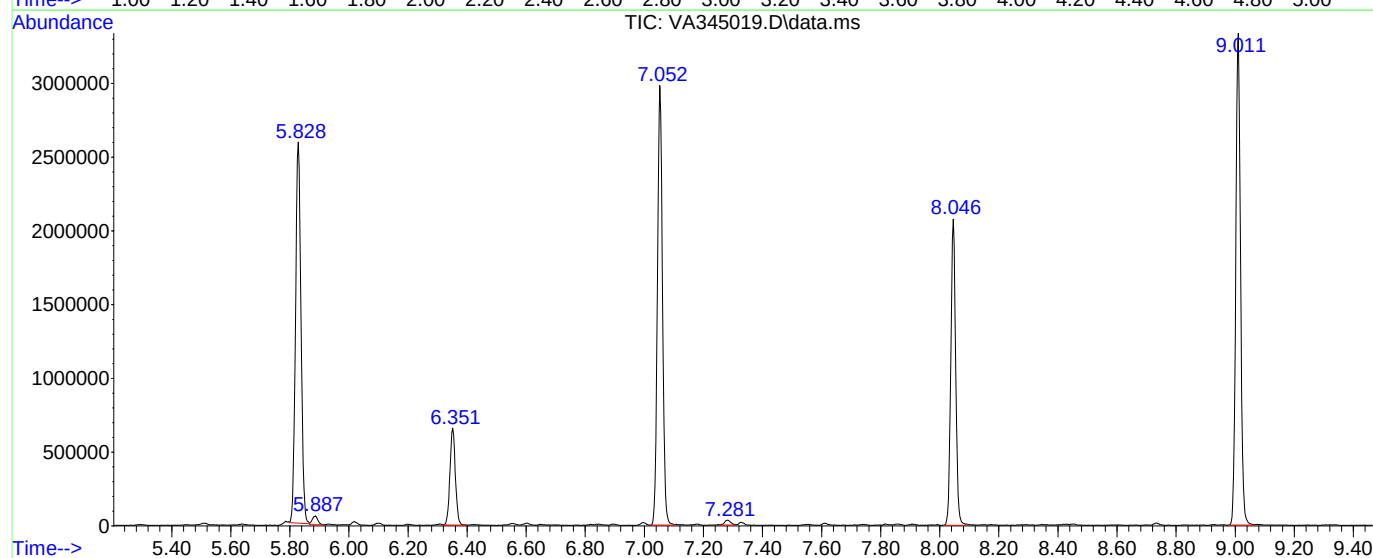
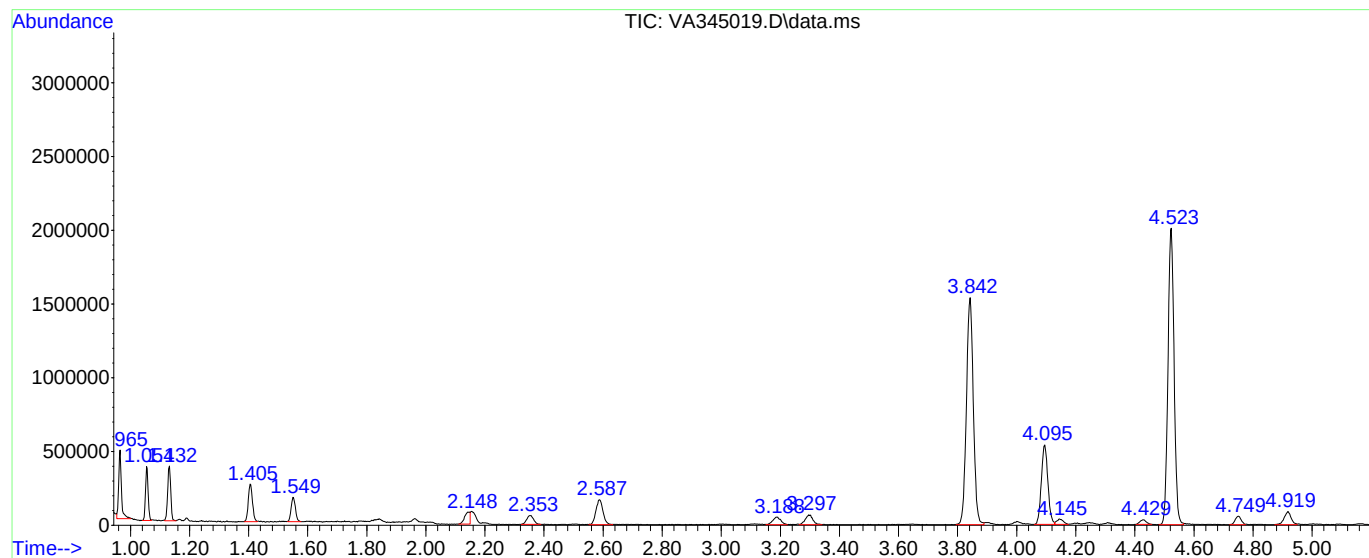
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	0.965	5	9	22	rVB	466023	300536	8.01%	1.344%
2	1.054	36	41	47	rBV	364667	226948	6.05%	1.015%
3	1.132	63	69	77	rVB	372124	266524	7.11%	1.192%
4	1.405	160	167	176	rBV	253621	251125	6.70%	1.123%
5	1.549	213	219	229	rVB	167071	169539	4.52%	0.758%
6	2.148	421	434	435	rBV3	80816	108728	2.90%	0.486%
7	2.353	497	508	521	rVB3	59919	100191	2.67%	0.448%
8	2.587	579	592	608	rBV2	168505	278191	7.42%	1.244%
9	3.188	795	808	821	rVB4	50207	93501	2.49%	0.418%
10	3.297	835	847	863	rVB3	66091	114883	3.06%	0.514%
11	3.842	1026	1043	1060	rBV	1538124	2486443	66.30%	11.117%
12	4.095	1121	1134	1146	rBV	538227	822837	21.94%	3.679%
13	4.145	1146	1152	1163	rVB3	36424	55087	1.47%	0.246%
14	4.429	1245	1254	1264	rBV5	31757	49880	1.33%	0.223%
15	4.523	1273	1288	1303	rBV	2010232	2876941	76.71%	12.863%
16	4.749	1359	1369	1378	rBV4	57187	81284	2.17%	0.363%
17	4.919	1414	1430	1441	rBV3	89350	142113	3.79%	0.635%
18	5.828	1746	1757	1771	rVV	2582573	3291915	87.78%	14.718%
19	5.887	1771	1778	1788	rVB	62428	78383	2.09%	0.350%
20	6.351	1933	1945	1962	rVB	658188	834710	22.26%	3.732%
21	7.052	2186	2197	2216	rBV	2980941	3558040	94.87%	15.908%
22	7.281	2269	2279	2289	rBV3	32649	46142	1.23%	0.206%
23	8.046	2542	2554	2569	rBV	2076632	2381907	63.51%	10.650%
24	9.011	2890	2901	2920	rBV	3335215	3750336	100.00%	16.768%

Sum of corrected areas: 22366184

Data Path : V:\DATA\121012\
Data File : VA345019.D
Acq On : 10 Dec 2012 1:08 pm
Operator : MFF
Sample : 12L0266-08
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\NIST98.L
TIC Integration Parameters: LSCINT.P



Data Path : V:\DATA\121012\
Data File : VA345019.D
Acq On : 10 Dec 2012 1:08 pm
Operator : MFF
Sample : 12L0266-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

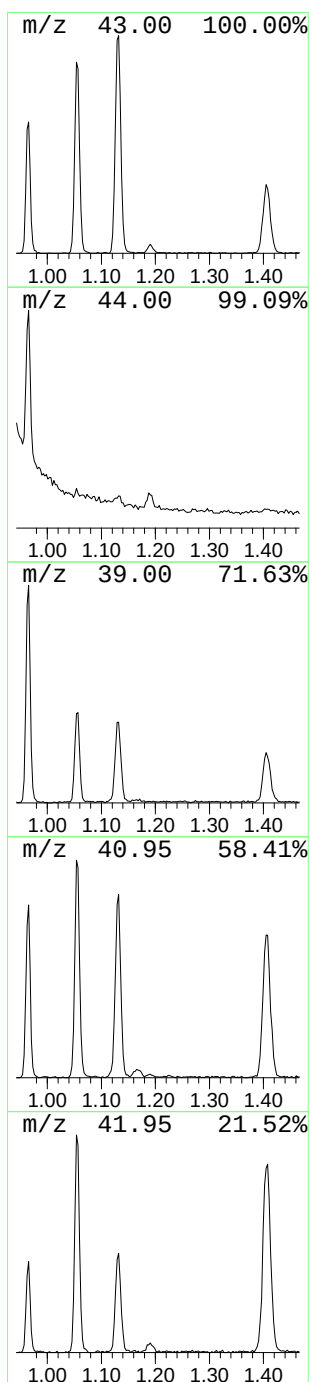
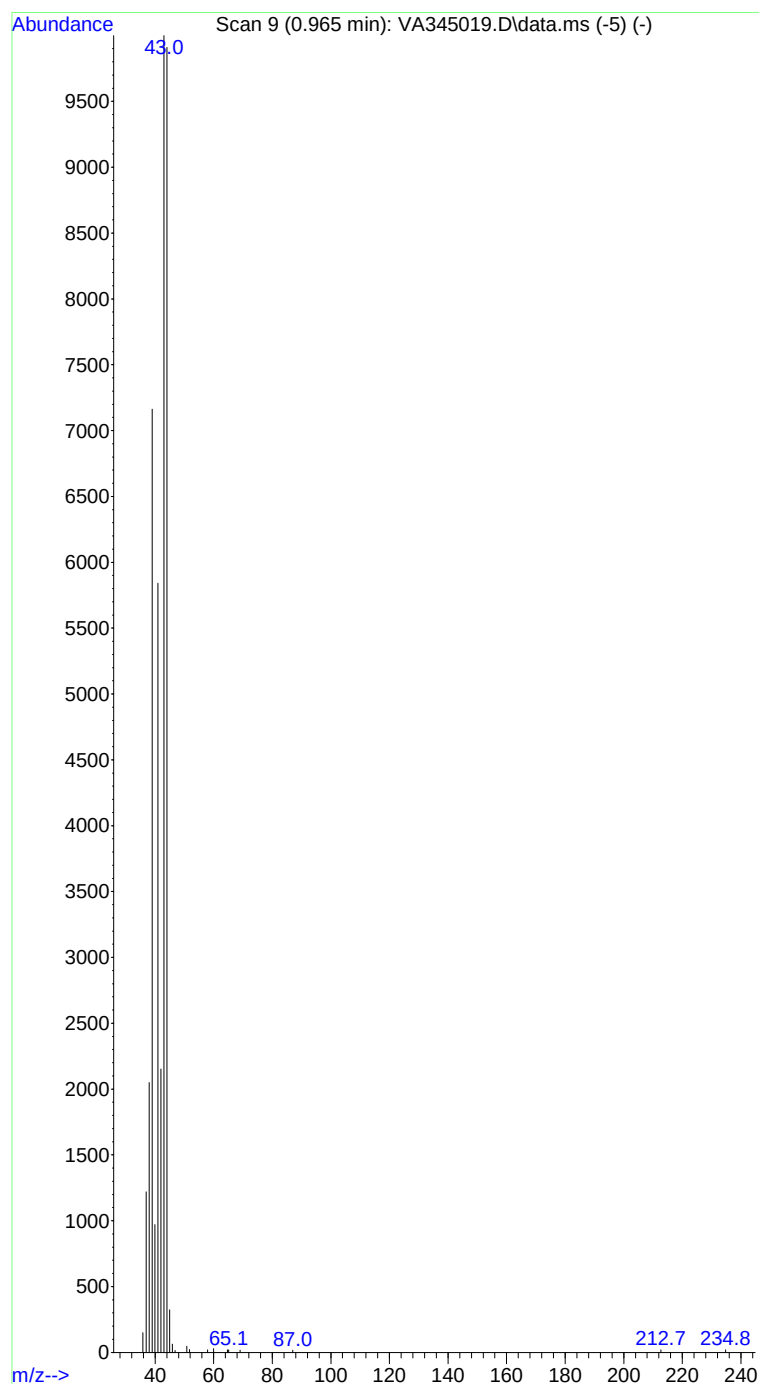
Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)

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

Peak Number 1 Error searching C:\DATABASE... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
0.965	3.63 UG/L	300536	PENTAFLUOROBENZENE - ISTD	3.842

Hit# of	1	Tentative ID	MW	MolForm	CAS#	Qual
1	Error searching C:\DATABASE\NIST...		0			0



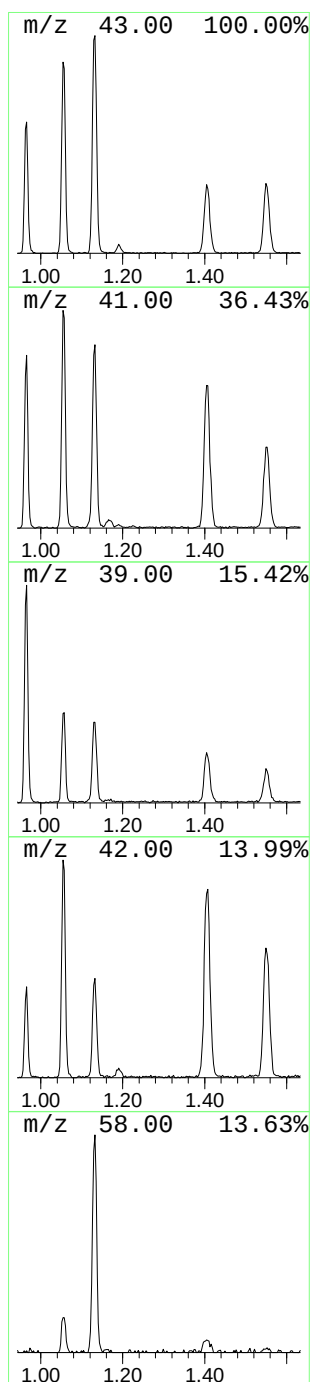
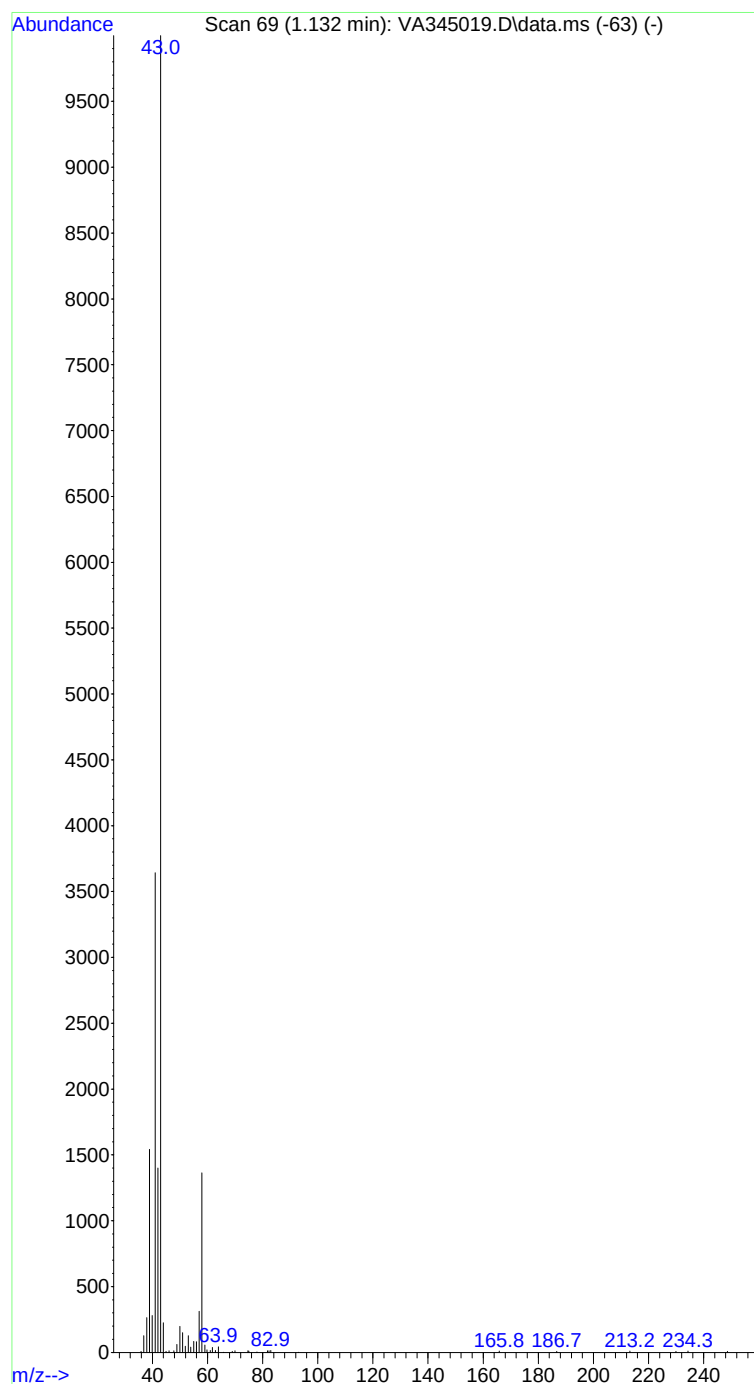
Data Path : V:\DATA\121012\
Data File : VA345019.D
Acq On : 10 Dec 2012 1:08 pm
Operator : MFF
Sample : 12L0266-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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

Peak Number 2 Error searching C:\DATABASE... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD			R.T.
1.132	3.22 UG/L	266524	PENTAFLUOROBENZENE - ISTD			3.842
Hit# of	1	Tentative ID	MW	MolForm	CAS#	Qual
1	Error searching C:\DATABASE\NIST...		0			0



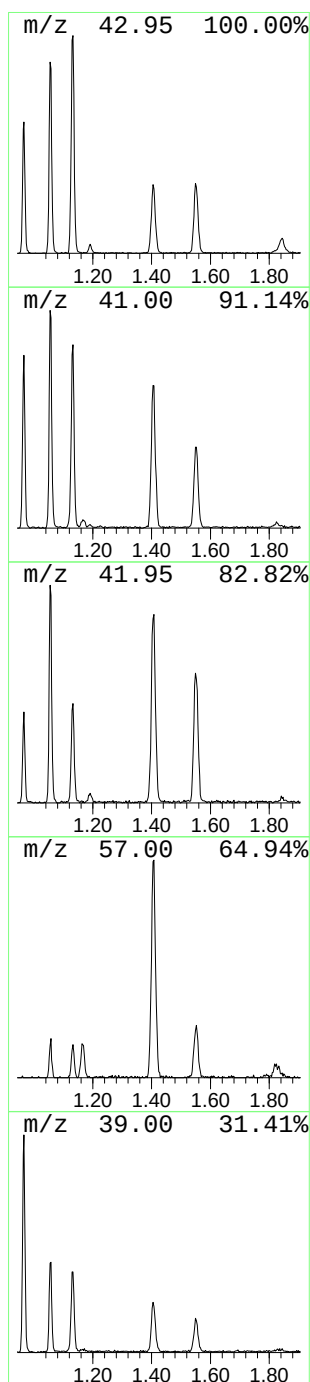
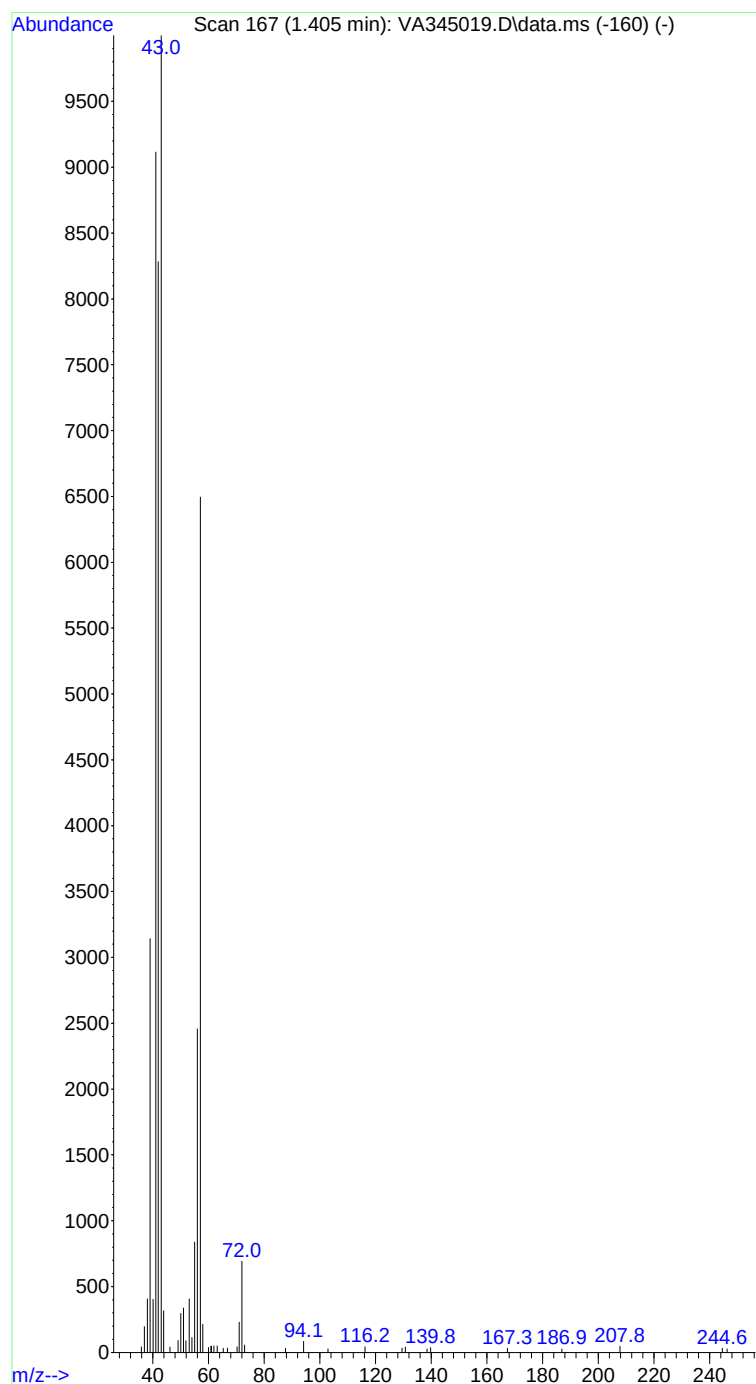
Data Path : V:\DATA\121012\
Data File : VA345019.D
Acq On : 10 Dec 2012 1:08 pm
Operator : MFF
Sample : 12L0266-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

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

Peak Number 3 Error searching C:\DATABASE... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD			R.T.
1.405	3.03 UG/L	251125	PENTAFLUOROBENZENE - ISTD			3.842
Hit# of	1	Tentative ID	MW	MolForm	CAS#	Qual
1	Error searching C:\DATABASE\NIST...		0			0



Data Path : V:\DATA\121012\
Data File : VA345019.D
Acq On : 10 Dec 2012 1:08 pm
Operator : MFF
Sample : 12L0266-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

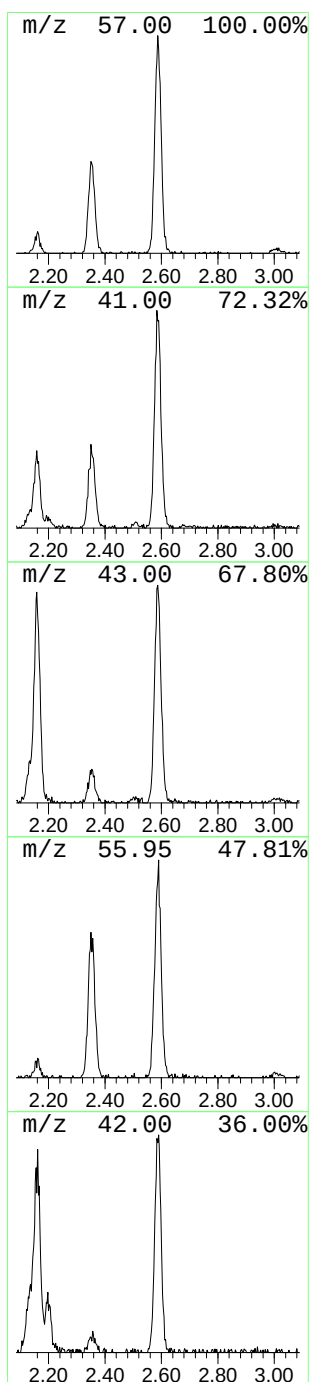
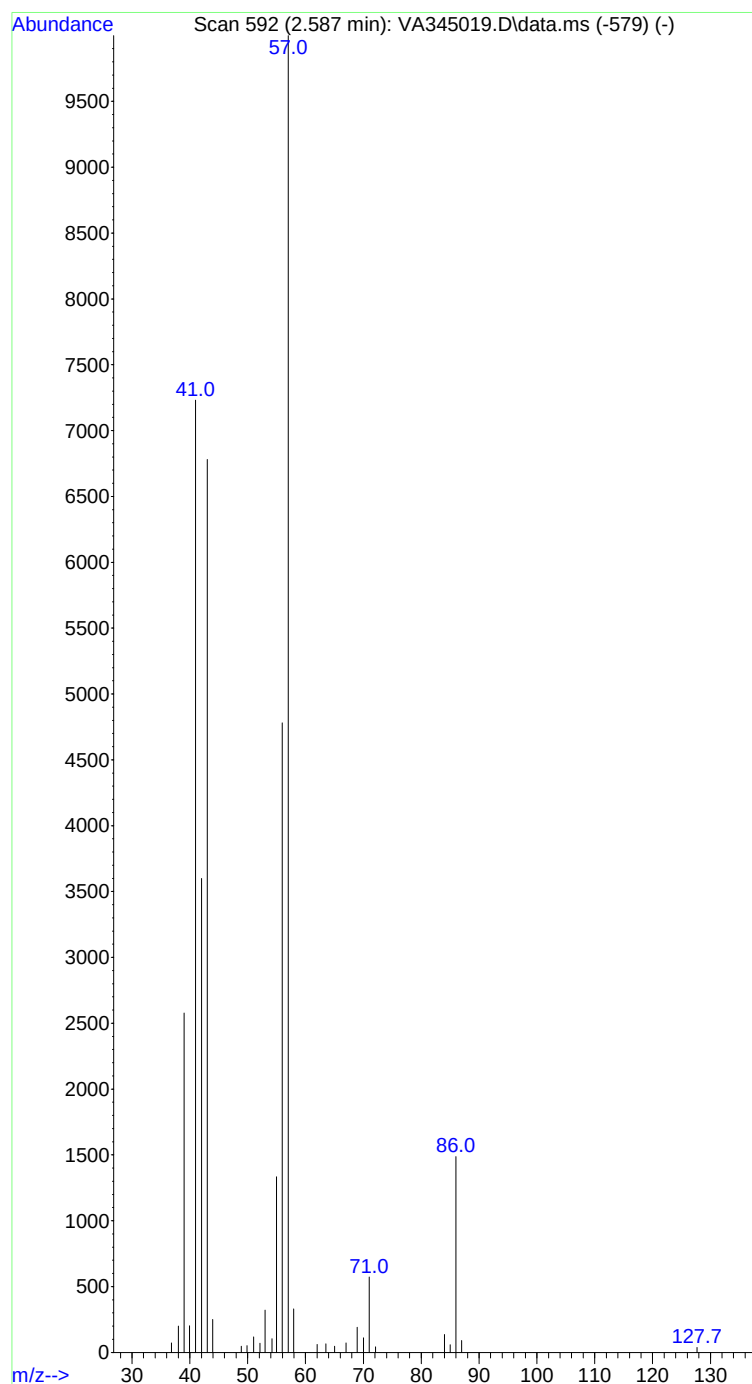
Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)

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

Peak Number 4 Error searching C:\DATABASE... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.587	3.36 UG/L	278191	PENTAFLUOROBENZENE - ISTD	3.842

Hit# of	1	Tentative ID	MW	MolForm	CAS#	Qual
1	Error searching C:\DATABASE\NIST...		0			0



Data Path : V:\DATA\121012\
Data File : VA345019.D
Acq On : 10 Dec 2012 1:08 pm
Operator : MFF
Sample : 12L0266-08
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\NIST98.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Error searching...	0.965	3.6	UG/L	300536	1	3.842	2486440	30.0
Error searching...	1.132	3.2	UG/L	266524	1	3.842	2486440	30.0
Error searching...	1.405	3.0	UG/L	251125	1	3.842	2486440	30.0
Error searching...	2.587	3.4	UG/L	278191	1	3.842	2486440	30.0

VOLATILES QC SUMMARY

2 - FORM II
SYSTEM MONITORING COMPOUND SUMMARY
SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	12L0266
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%)
12L0266-01	96.4	97.5	97.6
B064305-BLK1	96.4	99.4	98.2
B064305-BS1	93.2	98.1	97.4
B064305-BSD1	93.0	100	98.0

2 - FORM II
SYSTEM MONITORING COMPOUND SUMMARY
SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	SDG:	12L0266
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%)
12L0266-02	89.8	93.8	99.0
12L0266-03	92.2	93.0	101
12L0266-04	84.8	93.6	104
12L0266-05	91.4	96.2	101
12L0266-06	95.1	91.9	98.9
12L0266-07	94.6	95.2	99.4
12L0266-08	89.9	92.5	102
B064340-BLK1	84.8	93.4	99.0
B064340-BS1	87.2	97.0	99.6
B064340-BSD1	86.0	96.0	99.8

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0266

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Water

Preparation: SW-846 5030B

Batch: B064305

Laboratory ID: B064305-BS1

Column:

Initial/Final: 5 mL / 5 mL

ANALYTE	SPIKE ADDED (µg/L)	LCS CONCENTRATION (µg/L)	LCS % REC.	QC LIMITS REC.
Acetone	100	96.2	96.2	70 - 160
Acrylonitrile	10.0	12.2	122	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	11.7	117	70 - 130
Benzene	10.0	11.6	116	70 - 130
Bromobenzene	10.0	11.6	116	70 - 130
Bromochloromethane	10.0	11.9	119	70 - 130
Bromodichloromethane	10.0	10.5	105	70 - 130
Bromoform	10.0	9.22	92.2	70 - 130
Bromomethane	10.0	4.78	47.8	40 - 160
2-Butanone (MEK)	100	98.5	98.5	40 - 160
tert-Butyl Alcohol (TBA)	100	91.4	91.4	40 - 160
n-Butylbenzene	10.0	10.5	105	70 - 130
sec-Butylbenzene	10.0	11.9	119	70 - 130
tert-Butylbenzene	10.0	11.5	115	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	11.9	119	70 - 130
Carbon Disulfide	10.0	10.5	105	70 - 130
Carbon Tetrachloride	10.0	11.1	111	70 - 130
Chlorobenzene	10.0	11.3	113	70 - 130
Chlorodibromomethane	10.0	9.35	93.5	70 - 130
Chloroethane	10.0	11.1	111	70 - 130
Chloroform	10.0	11.6	116	70 - 130
Chloromethane	10.0	9.56	95.6	40 - 160
2-Chlorotoluene	10.0	11.1	111	70 - 130
4-Chlorotoluene	10.0	11.6	116	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	9.05	90.5	70 - 130
1,2-Dibromoethane (EDB)	10.0	11.8	118	70 - 130
Dibromomethane	10.0	11.2	112	70 - 130
1,2-Dichlorobenzene	10.0	11.5	115	70 - 130
1,3-Dichlorobenzene	10.0	11.6	116	70 - 130
1,4-Dichlorobenzene	10.0	11.5	115	70 - 130
trans-1,4-Dichloro-2-butene	10.0	9.06	90.6	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0266

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Water

Preparation: SW-846 5030B

Batch: B064305

Laboratory ID: B064305-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	6.65	66.5	40 - 160
1,1-Dichloroethane	10.0	11.5	115	70 - 130
1,2-Dichloroethane	10.0	10.6	106	70 - 130
1,1-Dichloroethylene	10.0	11.0	110	70 - 130
cis-1,2-Dichloroethylene	10.0	11.7	117	70 - 130
trans-1,2-Dichloroethylene	10.0	11.3	113	70 - 130
1,2-Dichloropropane	10.0	11.8	118	70 - 130
1,3-Dichloropropane	10.0	11.2	112	70 - 130
2,2-Dichloropropane	10.0	13.1	131	40 - 130
1,1-Dichloropropene	10.0	12.2	122	70 - 130
cis-1,3-Dichloropropene	10.0	9.68	96.8	70 - 130
trans-1,3-Dichloropropene	10.0	10.4	104	70 - 130
Diethyl Ether	10.0	10.5	105	70 - 130
Diisopropyl Ether (DIPE)	10.0	12.2	122	70 - 130
1,4-Dioxane	100	99.9	99.9	40 - 130
Ethylbenzene	10.0	12.1	121	70 - 130
Hexachlorobutadiene	10.0	11.0	110	70 - 130
2-Hexanone (MBK)	100	107	107	70 - 160
Isopropylbenzene (Cumene)	10.0	12.0	120	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	12.4	124	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	11.6	116	70 - 130
Methylene Chloride	10.0	11.1	111	70 - 130
4-Methyl-2-pentanone (MIBK)	100	106	106	70 - 160
Naphthalene	10.0	10.5	105	40 - 130
n-Propylbenzene	10.0	11.5	115	70 - 130
Styrene	10.0	11.8	118	70 - 130
1,1,1,2-Tetrachloroethane	10.0	11.5	115	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.8	108	70 - 130
Tetrachloroethylene	10.0	12.1	121	70 - 130
Tetrahydrofuran	10.0	11.7	117	70 - 130
Toluene	10.0	11.5	115	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0266

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Water

Preparation: SW-846 5030B

Batch: B064305

Laboratory ID: B064305-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	10.4	104	70 - 130
1,2,4-Trichlorobenzene	10.0	10.6	106	70 - 130
1,3,5-Trichlorobenzene	10.0	10.1	101	70 - 130
1,1,1-Trichloroethane	10.0	11.4	114	70 - 130
1,1,2-Trichloroethane	10.0	10.6	106	70 - 130
Trichloroethylene	10.0	11.5	115	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	10.6	106	70 - 130
1,2,3-Trichloropropane	10.0	11.1	111	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	12.0	120	70 - 130
1,2,4-Trimethylbenzene	10.0	11.9	119	70 - 130
1,3,5-Trimethylbenzene	10.0	11.6	116	70 - 130
Vinyl Chloride	10.0	9.09	90.9	40 - 160
m+p Xylene	20.0	24.1	120	70 - 130
o-Xylene	10.0	11.8	118	70 - 130

ANALYTE	SPIKE ADDED (µg/L)	LCSD CONCENTRATION (µg/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	REC.
Acetone	100	100	100	4.05	25	70 - 160
Acrylonitrile	10.0	11.4	114	6.79	25	70 - 130
tert-Amyl Methyl Ether (TAME)	10.0	11.8	118	0.597	25	70 - 130
Benzene	10.0	11.4	114	1.48	25	70 - 130
Bromobenzene	10.0	11.5	115	0.950	25	70 - 130
Bromochloromethane	10.0	12.1	121	1.67	25	70 - 130
Bromodichloromethane	10.0	10.1	101	3.99	25	70 - 130
Bromoform	10.0	9.03	90.3	2.08	25	70 - 130
Bromomethane	10.0	6.54	65.4	31.1	25	40 - 160
2-Butanone (MEK)	100	95.7	95.7	2.81	25	40 - 160
tert-Butyl Alcohol (TBA)	100	95.0	95.0	3.86	25	40 - 160
n-Butylbenzene	10.0	9.68	96.8	8.13	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0266

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Water

Preparation: SW-846 5030B

Batch: B064305

Laboratory ID: B064305-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	11.3	113	5.51	25	70 - 130
tert-Butylbenzene	10.0	10.9	109	5.25	25	70 - 130
tert-Butyl Ethyl Ether (TBEE)	10.0	11.8	118	0.762	25	70 - 130
Carbon Disulfide	10.0	10.7	107	2.07	25	70 - 130
Carbon Tetrachloride	10.0	10.2	102	9.01	25	70 - 130
Chlorobenzene	10.0	11.2	112	1.07	25	70 - 130
Chlorodibromomethane	10.0	9.04	90.4	3.37	25	70 - 130
Chloroethane	10.0	11.7	117	5.18	25	70 - 130
Chloroform	10.0	11.3	113	2.88	25	70 - 130
Chloromethane	10.0	9.76	97.6	2.07	25	40 - 160
2-Chlorotoluene	10.0	11.0	110	0.452	25	70 - 130
4-Chlorotoluene	10.0	11.6	116	0.344	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	10.0	8.00	80.0	12.3	25	70 - 130
1,2-Dibromoethane (EDB)	10.0	11.4	114	3.71	25	70 - 130
Dibromomethane	10.0	11.3	113	0.267	25	70 - 130
1,2-Dichlorobenzene	10.0	11.0	110	4.80	25	70 - 130
1,3-Dichlorobenzene	10.0	11.4	114	2.17	25	70 - 130
1,4-Dichlorobenzene	10.0	11.2	112	2.65	25	70 - 130
trans-1,4-Dichloro-2-butene	10.0	8.58	85.8	5.44	25	70 - 130
Dichlorodifluoromethane (Freon 12)	10.0	6.01	60.1	10.1	25	40 - 160
1,1-Dichloroethane	10.0	11.3	113	2.10	25	70 - 130
1,2-Dichloroethane	10.0	10.6	106	0.471	25	70 - 130
1,1-Dichloroethylene	10.0	11.3	113	2.96	25	70 - 130
cis-1,2-Dichloroethylene	10.0	11.2	112	4.54	25	70 - 130
trans-1,2-Dichloroethylene	10.0	10.8	108	4.70	25	70 - 130
1,2-Dichloropropane	10.0	11.3	113	4.40	25	70 - 130
1,3-Dichloropropane	10.0	11.0	110	1.80	25	70 - 130
2,2-Dichloropropane	10.0	12.1	121	7.91	25	40 - 130
1,1-Dichloropropene	10.0	11.6	116	4.96	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0266

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Water

Preparation: SW-846 5030B

Batch: B064305

Laboratory ID: B064305-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	9.45	94.5	2.40	25	70 - 130
trans-1,3-Dichloropropene	10.0	9.92	99.2	4.44	25	70 - 130
Diethyl Ether	10.0	11.4	114	8.60	25	70 - 130
Diisopropyl Ether (DIPE)	10.0	12.6	126	2.83	25	70 - 130
1,4-Dioxane	100	96.9	96.9	2.99	50	40 - 130
Ethylbenzene	10.0	11.4	114	5.80	25	70 - 130
Hexachlorobutadiene	10.0	10.3	103	6.41	25	70 - 130
2-Hexanone (MBK)	100	104	104	2.82	25	70 - 160
Isopropylbenzene (Cumene)	10.0	11.8	118	1.85	25	70 - 130
p-Isopropyltoluene (p-Cymene)	10.0	11.9	119	3.95	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	10.0	11.8	118	1.62	25	70 - 130
Methylene Chloride	10.0	10.2	102	8.14	25	70 - 130
4-Methyl-2-pentanone (MIBK)	100	104	104	2.40	25	70 - 160
Naphthalene	10.0	9.90	99.0	5.98	25	40 - 130
n-Propylbenzene	10.0	11.1	111	3.72	25	70 - 130
Styrene	10.0	11.7	117	1.27	25	70 - 130
1,1,1,2-Tetrachloroethane	10.0	11.1	111	3.54	25	70 - 130
1,1,2,2-Tetrachloroethane	10.0	10.9	109	0.644	25	70 - 130
Tetrachloroethylene	10.0	11.4	114	5.36	25	70 - 130
Tetrahydrofuran	10.0	11.5	115	1.55	25	70 - 130
Toluene	10.0	11.2	112	2.46	25	70 - 130
1,2,3-Trichlorobenzene	10.0	9.65	96.5	7.48	25	70 - 130
1,2,4-Trichlorobenzene	10.0	9.80	98.0	8.22	25	70 - 130
1,3,5-Trichlorobenzene	10.0	9.20	92.0	9.43	25	70 - 130
1,1,1-Trichloroethane	10.0	10.9	109	4.40	25	70 - 130
1,1,2-Trichloroethane	10.0	10.6	106	0.377	25	70 - 130
Trichloroethylene	10.0	10.8	108	6.28	25	70 - 130
Trichlorofluoromethane (Freon 11)	10.0	10.3	103	2.01	25	70 - 130
1,2,3-Trichloropropane	10.0	10.7	107	3.12	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0266

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Water

Preparation: SW-846 5030B

Batch: B064305

Laboratory ID: B064305-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	12.0	120	0.0832	25	70 - 130
1,2,4-Trimethylbenzene	10.0	11.4	114	4.89	25	70 - 130
1,3,5-Trimethylbenzene	10.0	11.2	112	3.50	25	70 - 130
Vinyl Chloride	10.0	9.35	93.5	2.82	25	40 - 160
m+p Xylene	20.0	23.5	117	2.65	25	70 - 130
o-Xylene	10.0	11.5	115	3.08	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0266

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Preparation: SW-846 5035

Batch: B064340

Laboratory ID: B064340-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	0.147	73.7	70 - 160
Acrylonitrile	0.0200	0.0174	87.2	70 - 130
tert-Amyl Methyl Ether (TAME)	0.0200	0.0182	91.2	70 - 130
Benzene	0.0200	0.0174	86.9	70 - 130
Bromobenzene	0.0200	0.0188	94.2	70 - 130
Bromochloromethane	0.0200	0.0199	99.3	70 - 130
Bromodichloromethane	0.0200	0.0176	88.1	70 - 130
Bromoform	0.0200	0.0189	94.6	70 - 130
Bromomethane	0.0200	0.0136	67.8	40 - 130
2-Butanone (MEK)	0.200	0.154	77.2	70 - 160
tert-Butyl Alcohol (TBA)	0.200	0.195	97.7	40 - 130
n-Butylbenzene	0.0200	0.0185	92.4	70 - 130
sec-Butylbenzene	0.0200	0.0191	95.5	70 - 130
tert-Butylbenzene	0.0200	0.0184	92.2	70 - 160
tert-Butyl Ethyl Ether (TBEE)	0.0200	0.0183	91.5	70 - 130
Carbon Disulfide	0.0200	0.0163	81.4	70 - 130
Carbon Tetrachloride	0.0200	0.0253	126	70 - 130
Chlorobenzene	0.0200	0.0179	89.3	70 - 130
Chlorodibromomethane	0.0200	0.0181	90.4	70 - 130
Chloroethane	0.0200	0.0164	82.0	70 - 130
Chloroform	0.0200	0.0173	86.5	70 - 130
Chloromethane	0.0200	0.0175	87.3	70 - 130
2-Chlorotoluene	0.0200	0.0175	87.3	70 - 130
4-Chlorotoluene	0.0200	0.0178	88.8	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	0.0200	0.0164	82.2	70 - 130
1,2-Dibromoethane (EDB)	0.0200	0.0190	95.1	70 - 130
Dibromomethane	0.0200	0.0177	88.6	70 - 130
1,2-Dichlorobenzene	0.0200	0.0183	91.6	70 - 130
1,3-Dichlorobenzene	0.0200	0.0186	93.0	70 - 130
1,4-Dichlorobenzene	0.0200	0.0191	95.5	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.0153	76.7	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0266

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Preparation: SW-846 5035

Batch: B064340

Laboratory ID: B064340-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	0.0133	66.4	40 - 160
1,1-Dichloroethane	0.0200	0.0171	85.3	70 - 130
1,2-Dichloroethane	0.0200	0.0163	81.6	70 - 130
1,1-Dichloroethylene	0.0200	0.0169	84.4	70 - 130
cis-1,2-Dichloroethylene	0.0200	0.0177	88.6	70 - 130
trans-1,2-Dichloroethylene	0.0200	0.0176	88.0	70 - 130
1,2-Dichloropropane	0.0200	0.0166	83.0	70 - 130
1,3-Dichloropropane	0.0200	0.0172	86.0	70 - 130
2,2-Dichloropropane	0.0200	0.0218	109	70 - 130
1,1-Dichloropropene	0.0200	0.0170	85.2	70 - 130
cis-1,3-Dichloropropene	0.0200	0.0163	81.6	70 - 130
trans-1,3-Dichloropropene	0.0200	0.0176	88.1	70 - 130
Diethyl Ether	0.0200	0.0175	87.4	70 - 130
Diisopropyl Ether (DIPE)	0.0200	0.0184	92.1	70 - 130
1,4-Dioxane	0.200	0.203	101	40 - 160
Ethylbenzene	0.0200	0.0181	90.5	70 - 130
Hexachlorobutadiene	0.0200	0.0202	101	70 - 160
2-Hexanone (MBK)	0.200	0.164	81.8	70 - 160
Isopropylbenzene (Cumene)	0.0200	0.0186	93.1	70 - 130
p-Isopropyltoluene (p-Cymene)	0.0200	0.0199	99.3	70 - 130
Methyl tert-Butyl Ether (MTBE)	0.0200	0.0184	91.9	70 - 130
Methylene Chloride	0.0200	0.0138	68.8	40 - 160
4-Methyl-2-pentanone (MIBK)	0.200	0.167	83.4	70 - 160
Naphthalene	0.0200	0.0141	70.5	40 - 130
n-Propylbenzene	0.0200	0.0186	92.8	70 - 130
Styrene	0.0200	0.0171	85.7	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.0191	95.5	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.0179	89.3	70 - 130
Tetrachloroethylene	0.0200	0.0197	98.4	70 - 130
Tetrahydrofuran	0.0200	0.0204	102	70 - 130
Toluene	0.0200	0.0164	82.0	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0266

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Preparation: SW-846 5035

Batch: B064340

Laboratory ID: B064340-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	0.0175	87.5	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.0180	89.8	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.0197	98.3	70 - 130
1,1,1-Trichloroethane	0.0200	0.0190	95.0	70 - 130
1,1,2-Trichloroethane	0.0200	0.0174	87.2	70 - 130
Trichloroethylene	0.0200	0.0173	86.3	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.0169	84.3	70 - 130
1,2,3-Trichloropropane	0.0200	0.0183	91.4	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0200	0.0203	101	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.0182	91.1	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.0182	90.9	70 - 130
Vinyl Chloride	0.0200	0.0148	73.9	40 - 130
m+p Xylene	0.0400	0.0363	90.8	70 - 130
o-Xylene	0.0200	0.0176	88.2	70 - 130

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCSD CONCENTRATION (mg/Kg wet)	LCSD % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
Acetone	0.200	0.147	73.7	0.00	25	70 - 160
Acrylonitrile	0.0200	0.0177	88.5	1.48	25	70 - 130
tert-Amyl Methyl Ether (TAME)	0.0200	0.0189	94.3	3.34	25	70 - 130
Benzene	0.0200	0.0184	91.9	5.59	25	70 - 130
Bromobenzene	0.0200	0.0199	99.3	5.27	25	70 - 130
Bromochloromethane	0.0200	0.0216	108	8.30	25	70 - 130
Bromodichloromethane	0.0200	0.0184	92.0	4.33	25	70 - 130
Bromoform	0.0200	0.0196	98.0	3.53	25	70 - 130
Bromomethane	0.0200	0.0149	74.7	9.68	25	40 - 130
2-Butanone (MEK)	0.200	0.164	82.2	6.16	25	70 - 160
tert-Butyl Alcohol (TBA)	0.200	0.199	99.7	2.09	25	40 - 130
n-Butylbenzene	0.0200	0.0193	96.4	4.24	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0266

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Preparation: SW-846 5035

Batch: B064340

Laboratory ID: B064340-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	0.0199	99.4	4.00	25	70 - 130
tert-Butylbenzene	0.0200	0.0193	96.6	4.66	25	70 - 160
tert-Butyl Ethyl Ether (TBEE)	0.0200	0.0194	97.0	5.84	25	70 - 130
Carbon Disulfide	0.0200	0.0163	81.6	0.245	25	70 - 130
Carbon Tetrachloride	0.0200	0.0262	131	*	25	70 - 130
Chlorobenzene	0.0200	0.0188	93.8	4.92	25	70 - 130
Chlorodibromomethane	0.0200	0.0188	93.8	3.69	25	70 - 130
Chloroethane	0.0200	0.0170	85.1	3.71	25	70 - 130
Chloroform	0.0200	0.0186	92.9	7.13	25	70 - 130
Chloromethane	0.0200	0.0179	89.5	2.49	25	70 - 130
2-Chlorotoluene	0.0200	0.0180	90.2	3.27	25	70 - 130
4-Chlorotoluene	0.0200	0.0183	91.6	3.10	25	70 - 130
1,2-Dibromo-3-chloropropane (DBCP)	0.0200	0.0179	89.7	8.73	25	70 - 130
1,2-Dibromoethane (EDB)	0.0200	0.0202	101	6.12	25	70 - 130
Dibromomethane	0.0200	0.0190	95.0	6.97	25	70 - 130
1,2-Dichlorobenzene	0.0200	0.0193	96.5	5.21	25	70 - 130
1,3-Dichlorobenzene	0.0200	0.0194	96.8	4.00	25	70 - 130
1,4-Dichlorobenzene	0.0200	0.0202	101	5.50	25	70 - 130
trans-1,4-Dichloro-2-butene	0.0200	0.0158	78.9	2.83	25	70 - 130
Dichlorodifluoromethane (Freon 12)	0.0200	0.0135	67.5	1.64	25	40 - 160
1,1-Dichloroethane	0.0200	0.0177	88.4	3.57	25	70 - 130
1,2-Dichloroethane	0.0200	0.0174	86.8	6.18	25	70 - 130
1,1-Dichloroethylene	0.0200	0.0172	85.8	1.65	25	70 - 130
cis-1,2-Dichloroethylene	0.0200	0.0187	93.5	5.38	25	70 - 130
trans-1,2-Dichloroethylene	0.0200	0.0181	90.5	2.80	25	70 - 130
1,2-Dichloropropane	0.0200	0.0179	89.5	7.54	25	70 - 130
1,3-Dichloropropane	0.0200	0.0179	89.6	4.10	25	70 - 130
2,2-Dichloropropane	0.0200	0.0220	110	0.639	25	70 - 130
1,1-Dichloropropene	0.0200	0.0179	89.3	4.70	25	70 - 130

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0266

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Preparation: SW-846 5035

Batch: B064340

Laboratory ID: B064340-BSD1

Column: Initial/Final: 5 g / 10 mL

ANALYTE	SPIKE ADDED (mg/Kg wet)	LCS CONCENTRATION (mg/Kg wet)	LCS % REC. #	% RPD #	QC LIMITS	
					RPD	REC.
cis-1,3-Dichloropropene	0.0200	0.0173	86.5	5.83	25	70 - 130
trans-1,3-Dichloropropene	0.0200	0.0178	89.1	1.13	25	70 - 130
Diethyl Ether	0.0200	0.0174	86.9	0.574	25	70 - 130
Diisopropyl Ether (DIPE)	0.0200	0.0196	98.0	6.21	25	70 - 130
1,4-Dioxane	0.200	0.197	98.5	2.93	50	40 - 160
Ethylbenzene	0.0200	0.0190	95.2	5.06	25	70 - 130
Hexachlorobutadiene	0.0200	0.0216	108	6.60	25	70 - 160
2-Hexanone (MBK)	0.200	0.168	84.2	2.94	25	70 - 160
Isopropylbenzene (Cumene)	0.0200	0.0195	97.5	4.62	25	70 - 130
p-Isopropyltoluene (p-Cymene)	0.0200	0.0207	104	4.33	25	70 - 130
Methyl tert-Butyl Ether (MTBE)	0.0200	0.0188	94.2	2.47	25	70 - 130
Methylene Chloride	0.0200	0.0141	70.5	2.44	25	40 - 160
4-Methyl-2-pentanone (MIBK)	0.200	0.176	88.0	5.34	25	70 - 160
Naphthalene	0.0200	0.0156	77.9	9.97	25	40 - 130
n-Propylbenzene	0.0200	0.0193	96.3	3.70	25	70 - 130
Styrene	0.0200	0.0182	91.0	6.00	25	70 - 130
1,1,1,2-Tetrachloroethane	0.0200	0.0197	98.6	3.19	25	70 - 130
1,1,2,2-Tetrachloroethane	0.0200	0.0182	91.2	2.11	25	70 - 130
Tetrachloroethylene	0.0200	0.0207	103	4.86	25	70 - 130
Tetrahydrofuran	0.0200	0.0203	101	0.591	25	70 - 130
Toluene	0.0200	0.0176	87.8	6.83	25	70 - 130
1,2,3-Trichlorobenzene	0.0200	0.0191	95.6	8.85	25	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.0191	95.7	6.36	25	70 - 130
1,3,5-Trichlorobenzene	0.0200	0.0205	102	4.09	25	70 - 130
1,1,1-Trichloroethane	0.0200	0.0197	98.3	3.41	25	70 - 130
1,1,2-Trichloroethane	0.0200	0.0184	92.2	5.57	25	70 - 130
Trichloroethylene	0.0200	0.0185	92.4	6.83	25	70 - 130
Trichlorofluoromethane (Freon 11)	0.0200	0.0176	87.8	4.07	25	70 - 130
1,2,3-Trichloropropane	0.0200	0.0190	95.2	4.07	25	70 - 130

3 - FORM III**LCS / LCS DUPLICATE RECOVERY****SW-846 8260C**

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0266

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Preparation: SW-846 5035

Batch: B064340

Laboratory ID: B064340-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	0.0211	106	4.06	25	70 - 130
1,2,4-Trimethylbenzene	0.0200	0.0188	93.8	2.92	25	70 - 130
1,3,5-Trimethylbenzene	0.0200	0.0189	94.7	4.09	25	70 - 130
Vinyl Chloride	0.0200	0.0149	74.5	0.809	25	40 - 130
m+p Xylene	0.0400	0.0382	95.5	5.05	25	70 - 130
o-Xylene	0.0200	0.0183	91.6	3.78	25	70 - 130

4 - FORM IV METHOD BLANK SUMMARY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0266

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Blank ID: B064305-BLK1

Batch: B064305

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
TB-1	12L0266-01	VB345010.D	10:34
LCS Dup	B064305-BSD1	VB345006.D	08:31
LCS	B064305-BS1	VB345005.D	07:59

4 - FORM IV METHOD BLANK SUMMARY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0266

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Blank ID: B064340-BLK1

Batch: B064340

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
LCS Dup	B064340-BSD1	VA345006.D	07:17
LCS	B064340-BS1	VA345005.D	06:50
B-20 (0-2ft)	12L0266-08	VA345019.D	13:08
B-20 (12-14ft)	12L0266-07	VA345018.D	12:41
B-23 (0-2ft)	12L0266-06	VA345017.D	12:14
B-18 (6-8ft)	12L0266-05	VA345016.D	11:47
B-17 (8-10ft)	12L0266-04	VA345015.D	11:20
B-24 (0-4ft)	12L0266-03	VA345013.D	10:26
B-16 (12-14ft)	12L0266-02	VA345012.D	09:59

5 - FORM V INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Lab File ID:	VB345003.D	Injection Date:	12/10/12
Instrument ID:	GCMSVOA2	Injection Time:	06:55
Sequence:	S003565	Lab Sample ID:	S003565-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	16.5	PASS
75	30 - 60% of 95	54.8	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.88	PASS
173	Less than 2% of 174	0.376	PASS
174	50 - 200% of 95	71.1	PASS
175	5 - 9% of 174	7.23	PASS
176	95 - 101% of 174	98.1	PASS
177	5 - 9% of 176	6.94	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
Calibration Check	S003565-CCV1	VB345003.D	12/10/2012	6:55:00
LCS	B064305-BS1	VB345005.D	12/10/2012	7:59:00
LCS Dup	B064305-BSD1	VB345006.D	12/10/2012	8:31:00
Blank	B064305-BLK1	VB345008.D	12/10/2012	9:32:00
TB-1	12L0266-01	VB345010.D	12/10/2012	10:34:00

5 - FORM V INSTRUMENT PERFORMANCE CHECK

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Lab File ID:	VA345003.D	Injection Date:	12/10/12
Instrument ID:	GCMSVOA1	Injection Time:	05:49
Sequence:	S003568	Lab Sample ID:	S003568-TUN1

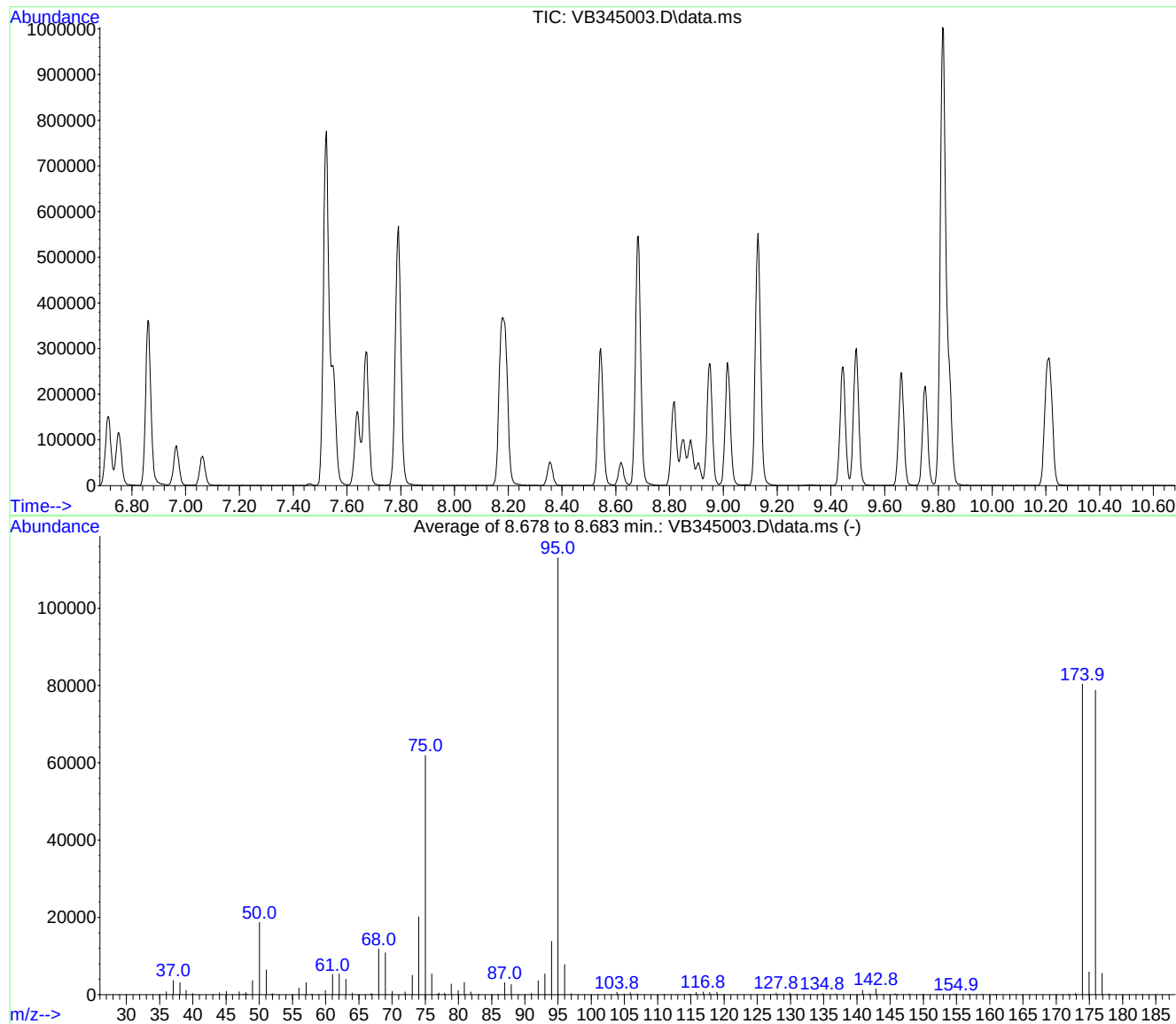
m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	PASS/FAIL
50	15 - 40% of 95	20.3	PASS
75	30 - 60% of 95	50.2	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	7.12	PASS
173	Less than 2% of 174	0	PASS
174	50 - 200% of 95	97.3	PASS
175	5 - 9% of 174	7.25	PASS
176	95 - 101% of 174	98.5	PASS
177	5 - 9% of 176	6.99	PASS

Client ID	Sample ID	File ID	Date Analyzed	Time Analyzed
Calibration Check	S003568-CCV1	VA345004.D	12/10/2012	6:20:00
LCS	B064340-BS1	VA345005.D	12/10/2012	6:50:00
LCS Dup	B064340-BSD1	VA345006.D	12/10/2012	7:17:00
Blank	B064340-BLK1	VA345008.D	12/10/2012	8:11:00
B-16 (12-14ft)	12L0266-02	VA345012.D	12/10/2012	9:59:00
B-24 (0-4ft)	12L0266-03	VA345013.D	12/10/2012	10:26:00
B-17 (8-10ft)	12L0266-04	VA345015.D	12/10/2012	11:20:00
B-18 (6-8ft)	12L0266-05	VA345016.D	12/10/2012	11:47:00
B-23 (0-2ft)	12L0266-06	VA345017.D	12/10/2012	12:14:00
B-20 (12-14ft)	12L0266-07	VA345018.D	12/10/2012	12:41:00
B-20 (0-2ft)	12L0266-08	VA345019.D	12/10/2012	13:08:00

Data Path : W:\DATA\121012\
 Data File : VB345003.D
 Acq On : 10 Dec 2012 6:55 am
 Operator :
 Sample : 8260 STD 10PPB/BFB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: 8260LOW.P

Method : W:\METHODS\B1206W12.M
 Title : 8260 CALIBRATION VOAMS 5973
 Last Update : Tue Jul 03 12:32:45 2012



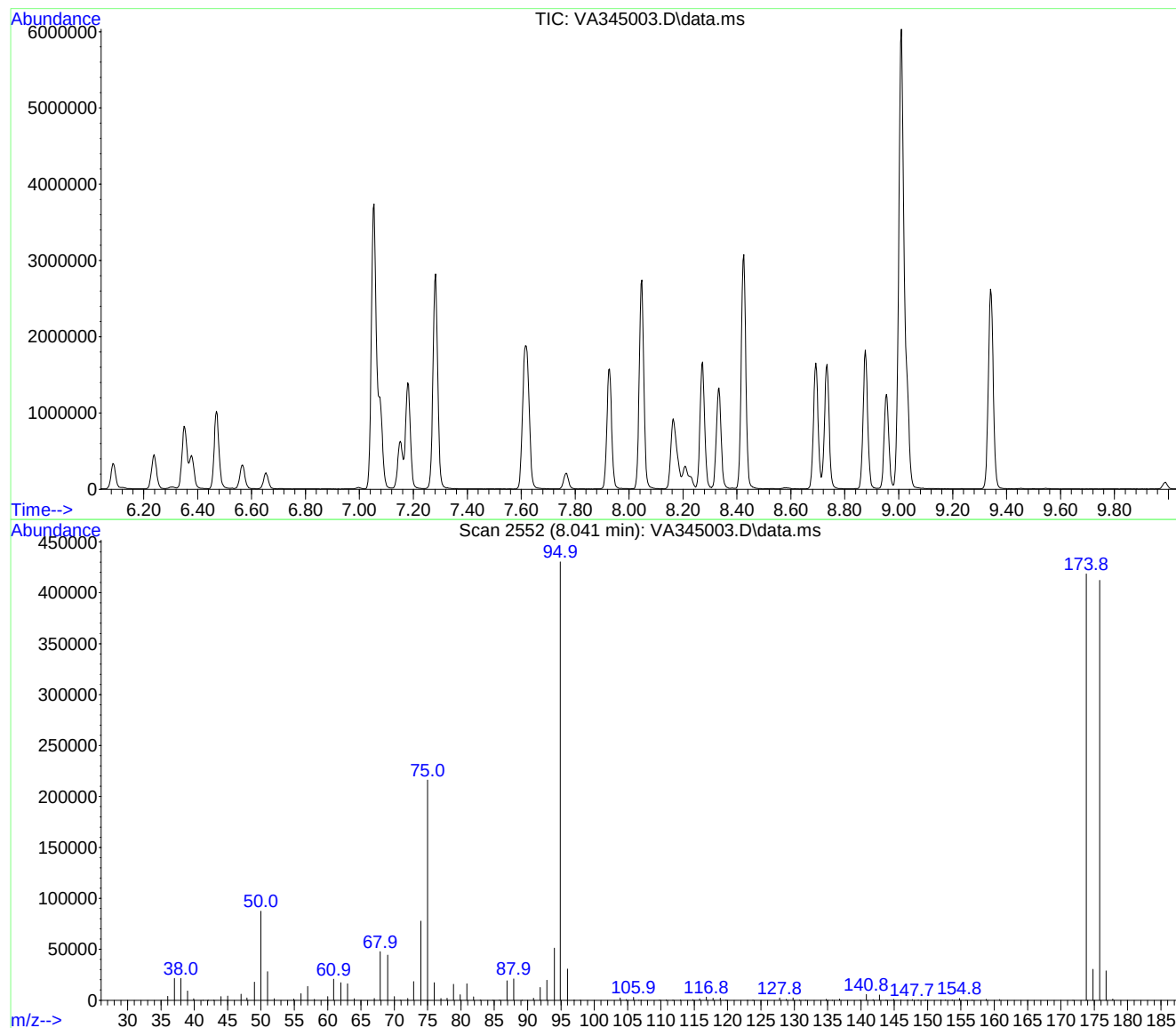
AutoFind: Scans 2765, 2766, 2767; Background Corrected with Scan 2753

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	16.5	18653	PASS
75	95	30	60	54.8	61889	PASS
95	95	100	100	100.0	112987	PASS
96	95	5	9	6.9	7773	PASS
173	174	0.00	2	0.4	302	PASS
174	95	50	100	71.1	80360	PASS
175	174	5	9	7.2	5812	PASS
176	174	95	101	98.1	78803	PASS
177	176	5	9	6.9	5470	PASS

Data Path : V:\DATA\121012\
Data File : VA345003.D
Acq On : 10 Dec 2012 5:49 am
Operator : MFF
Sample : BFB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: 8260LOW.P

Method : W:\METHODS\B1206W12.M
Title : 8260 CALIBRATION VOAMS 5973
Last Update : Tue Jul 03 12:32:45 2012



Spectrum Information: Scan 2552

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.3	87416	PASS
75	95	30	60	50.2	216128	PASS
95	95	100	100	100.0	430208	PASS
96	95	5	9	7.1	30736	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	97.3	418432	PASS
175	174	5	9	7.2	30264	PASS
176	174	95	101	98.5	412096	PASS
177	176	5	9	7.0	28728	PASS

VOLATILES CALIBRATION DATA

6 - FORM VI

INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0266

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: 12L0266

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: 12L0266

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: 12L0266

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: 12L0266

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: 12L0266

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: 12L0266

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. - NYSDG: 12L0266Project: Doro CleanersCalibration: 1200210Instrument: GCMSVOA1Calibration 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: 12L0266

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: 12L0266

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: 12L0266

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: 12L0266

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: 12L0266

Project: Doro Cleaners

Calibration: 1200252

Instrument: GCMSVOA2

Calibration Date: 12/6/2012 12:00:53AM

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	0.4	8.264969E-02	0.5	4.583629E-02	1	9.874987E-02	2	0.1081794	5	0.1100142	10	0.1573089
Ethyl Methacrylate					1	0.1572844	2	0.1586489	5	0.1722411	10	0.2030711
Acetone	4	0.1244279	5	0.1098324	10	0.1087392	20	0.1031185	50	0.1011112	100	0.1043875
Acrolein	4	0.0674355	5	5.999094E-02	10	6.920013E-02	20	6.226227E-02	50	6.584349E-02	100	0.0649458
Acrylonitrile	0.4	0.1037723	0.5	0.1190762	1	0.1101428	2	0.1492487	5	0.1226142	10	0.150154
tert-Amyl Methyl Ether (TAME)	0.4	0.9820479	0.5	1.021871	1	1.063332	2	1.052092	5	1.100258	10	1.165138
Benzene	0.4	1.233737	0.5	1.448627	1	1.567797	2	1.498961	5	1.585967	10	1.613747
Bromobenzene	0.4	0.8231909	0.5	0.7798122	1	0.908859	2	0.918579	5	0.94759	10	0.9684715
Bromochloromethane	0.4	0.1894256	0.5	0.1822105	1	0.2152061	2	0.1875556	5	0.2247092	10	0.2159336
Bromodichloromethane			0.5	0.3591653	1	0.3685076	2	0.361362	5	0.4168913	10	0.4595639
Bromoform	0.4	0.1384841	0.5	0.1458427	1	0.1842931	2	0.1870619	5	0.2103514	10	0.2607435
Bromomethane	0.4	0.5593819	0.5	0.4685793	1	0.488157	2	0.3440881	5	0.2907505	10	0.2495476
2-Butanone (MEK)	4	0.1669251	5	0.1462213	10	0.149468	20	0.1466185	50	0.1380907	100	0.1591303
tert-Butyl Alcohol (TBA)	4	4.450677E-02	5	4.073097E-02	10	4.507298E-02	20	4.144298E-02	50	4.013117E-02	100	4.465864E-02
n-Butylbenzene	0.4	0.6095619	0.5	0.7223799	1	0.894259	2	1.080899	5	1.343469	10	1.592163
sec-Butylbenzene	0.4	1.733153	0.5	1.787052	1	2.120408	2	2.157889	5	2.397337	10	2.376659
tert-Butylbenzene	0.4	1.411274	0.5	1.382757	1	1.789566	2	1.753876	5	1.893765	10	1.814711
tert-Butyl Ethyl Ether (TBEE)	0.4	1.206723	0.5	1.168918	1	1.294712	2	1.253878	5	1.276834	10	1.334109
Carbon Disulfide			5	0.7387517	10	1.030557	20	0.9576735	50	1.119867	100	1.109662
Carbon Tetrachloride					1	0.565952	2	0.5344088	5	0.6045522	10	0.6386144
Chlorobenzene	0.4	1.304763	0.5	1.275975	1	1.428872	2	1.345089	5	1.378291	10	1.398877
Chlorodibromomethane	0.4	0.2029446	0.5	0.1963128	1	0.1971831	2	0.2410435	5	0.2725712	10	0.3046333
Chloroethane	0.4	0.1815191	0.5	0.2125789	1	0.2609207	2	0.1916021	5	0.2277423	10	0.2135978
2-Chloroethyl Vinyl Ether	4	0.1869285	5	0.1812735	10	0.1883236	20	0.2082527	50	0.2065825	100	0.224881
Chloroform	0.4	0.7240998	0.5	0.7786569	1	0.8672405	2	0.8350643	5	0.8757857	10	0.9106845
Chloromethane	0.4	0.3350362	0.5	0.3284584	1	0.4161097	2	0.3563625	5	0.3601677	10	0.3365709

6 - FORM VI

INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0266

Project: Doro Cleaners

Calibration: 1200252

Instrument: GCMSVOA2

Calibration Date: 12/6/2012 12:00:53AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	0.4	1.503122	0.5	1.38878	1	1.687302	2	1.549336	5	1.73526	10	1.748066
4-Chlorotoluene	0.4	1.466022	0.5	1.563196	1	1.936428	2	1.858582	5	2.024987	10	2.086183
Cyclohexane									5	0.5839011	10	0.5284945
1,2-Dibromo-3-chloropropane (DBCP)					1	0.0182288	2	0.0484445	5	5.717057E-02	10	9.494854E-02
1,2-Dibromoethane (EDB)	0.4	0.2154504	0.5	0.2363585	1	0.2449904	2	0.276981	5	0.2948865	10	0.3068839
Dibromomethane	0.4	0.1777137	0.5	0.1895496	1	0.1766562	2	0.1961667	5	0.2019237	10	0.2079534
1,2-Dichlorobenzene	0.4	0.9585809	0.5	0.9895033	1	1.074033	2	1.075242	5	1.193765	10	1.243358
1,3-Dichlorobenzene	0.4	0.9151571	0.5	1.044287	1	1.139614	2	1.107229	5	1.222788	10	1.237164
1,4-Dichlorobenzene	0.4	1.181128	0.5	1.156827	1	1.270569	2	1.165856	5	1.250736	10	1.238504
trans-1,4-Dichloro-2-butene					1	9.154623E-02	2	9.841377E-02	5	0.1082308	10	0.148239
Dichlorodifluoromethane (Freon 22)	0.4	0.5303915	0.5	0.5138656	1	0.6861199	2	0.603132	5	0.6389179	10	0.6327163
1,1-Dichloroethane	0.4	0.681932	0.5	0.6537201	1	0.7941239	2	0.7542016	5	0.7833701	10	0.783327
1,2-Dichloroethane	0.4	0.5623212	0.5	0.5302048	1	0.5709335	2	0.5809603	5	0.5940795	10	0.6099046
1,1-Dichloroethylene	0.4	0.530721	0.5	0.4989478	1	0.6619259	2	0.6175645	5	0.6676132	10	0.631307
cis-1,2-Dichloroethylene	0.4	0.5738771	0.5	0.6289459	1	0.6384003	2	0.6980226	5	0.7267972	10	0.7488386
trans-1,2-Dichloroethylene	0.4	0.497448	0.5	0.5391726	1	0.6414746	2	0.6219483	5	0.6285528	10	0.6626505
Dichlorofluoromethane (Freon 21)	0.4	0.6130799	0.5	0.6633102	1	0.822729	2	0.7494133	5	0.8243558	10	0.8050404
1,2-Dichloropropane	0.4	0.2115012	0.5	0.2511309	1	0.2454348	2	0.2433911	5	0.2823408	10	0.2776523
1,3-Dichloropropane	0.4	0.4363858	0.5	0.4230604	1	0.4712312	2	0.4874143	5	0.4849941	10	0.4999158
2,2-Dichloropropane	0.4	0.4381495	0.5	0.4541943	1	0.5317329	2	0.5571367	5	0.5805516	10	0.6147218
1,1-Dichloropropene	0.4	0.4437499	0.5	0.5042756	1	0.563947	2	0.5488413	5	0.6029961	10	0.6013727
cis-1,3-Dichloropropene	0.4	0.2790763	0.5	0.3166279	1	0.3361621	2	0.3712042	5	0.4073886	10	0.4695943
trans-1,3-Dichloropropene	0.4	0.2591109	0.5	0.2671492	1	0.2493446	2	0.3098034	5	0.3591099	10	0.4140107
Diethyl Ether	0.4	0.2918801	0.5	0.3130078	1	0.3179971	2	0.3222369	5	0.3216612	10	0.3210166
Difluorochloromethane (Freon 21)	0.4	0.3831338	0.5	0.4792349	1	0.569962	2	0.511546	5	0.5346339	10	0.5261587
Diisopropyl Ether (DIPE)	0.4	0.9797419	0.5	0.8812169	1	1.088729	2	0.9920014	5	0.9993231	10	1.022044

6 - FORM VI

INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0266

Project: Doro Cleaners

Calibration: 1200252

Instrument: GCMSVOA2

Calibration Date: 12/6/2012 12:00:53AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane							20	2.776582E-03	50	2.994955E-03	100	3.585068E-03
Ethyl Acetate	0.4	0.3159289	0.5	0.3612243	1	0.3445971	2	0.3164369	5	0.3129577	10	0.3389067
Ethylbenzene	0.4	1.747398	0.5	1.961138	1	2.238681	2	2.178351	5	2.30641	10	2.375888
Hexachlorobutadiene	0.4	6.133615E-02	0.5	0.1796394	1	0.1661545	2	0.1797898	5	0.2278052	10	0.2794826
2-Hexanone (MBK)	4	0.1159527	5	0.1111846	10	0.1198205	20	0.1367704	50	0.1342516	100	0.1578998
Iodomethane	4	0.1546371	5	0.187778	10	0.2775357	20	0.3099827	50	0.4470263	100	0.4851916
Isopropylbenzene (Cumene)	0.4	1.428554	0.5	1.535218	1	1.990305	2	1.919598	5	2.095387	10	2.212911
p-Isopropyltoluene (p-Cymene)			0.5	1.283382	1	1.727755	2	1.666861	5	1.900702	10	1.953772
Methyl Acetate	0.4	0.25103	0.5	0.2418818	1	0.2649308	2	0.2793439	5	0.2422218	10	0.3128219
Methyl tert-Butyl Ether (MTBE)	0.4	1.327955	0.5	1.225925	1	1.28188	2	1.243559	5	1.292104	10	1.349024
Methyl Cyclohexane			0.5	0.157335	1	0.2332608	2	0.2429848	5	0.2550605	10	0.2610117
Methylene Chloride							2	0.6361785	5	0.5028001	10	0.5338968
4-Methyl-2-pentanone (MIBK)	4	0.1996756	5	0.1928244	10	0.2030568	20	0.2140722	50	0.203269	100	0.231874
Naphthalene									5	4.385469E-02	10	0.2319705
n-Propylbenzene			0.5	1.702788	1	2.107064	2	2.096516	5	2.227942	10	2.398445
Styrene			0.5	1.010184	1	1.244729	2	1.283543	5	1.419543	10	1.486999
1,1,1,2-Tetrachloroethane			0.5	0.3774053	1	0.3865952	2	0.4182585	5	0.440437	10	0.4823805
1,1,2,2-Tetrachloroethane	0.4	0.5153667	0.5	0.5294984	1	0.4892471	2	0.5243183	5	0.5244898	10	0.5986984
Tetrachloroethylene	0.4	0.1533603	0.5	0.1713955	1	0.2346825	2	0.2131873	5	0.2183488	10	0.231018
Tetrahydrofuran					1	5.881409E-02	2	6.845342E-02	5	6.216428E-02	10	8.138614E-02
Toluene	0.4	1.005947	0.5	1.063613	1	1.174212	2	1.152981	5	1.2114	10	1.22004
1,2,3-Trichlorobenzene									5	1.530928E-02	10	9.742234E-02
1,2,4-Trichlorobenzene									5	5.226682E-02	10	0.1831933
1,3,5-Trichlorobenzene			0.5	4.416667E-02	1	0.157983	2	0.2683475	5	0.3882735	10	0.5252195
1,1,1-Trichloroethane			0.5	0.6174911	1	0.7052345	2	0.7172435	5	0.7751677	10	0.806267
1,1,2-Trichloroethane	0.4	0.2764435	0.5	0.269107	1	0.2863109	2	0.2712924	5	0.2757387	10	0.2881966

6 - FORM VI

INITIAL CALIBRATION DATA SHEET

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0266

Project: Doro Cleaners

Calibration: 1200252

Instrument: GCMSVOA2

Calibration Date: 12/6/2012 12:00:53AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	0.4	0.234977	0.5	0.259496	1	0.3154574	2	0.3179299	5	0.3205652	10	0.3223371
Trichlorofluoromethane (Freon	0.4	0.6180215	0.5	0.6097658	1	0.8768647	2	0.7904853	5	0.8370946	10	0.7852451
1,2,3-Trichloropropane	0.4	0.1689727	0.5	0.1639987	1	0.1913466	2	0.1937237	5	0.1925176	10	0.2202383
1,1,2-Trichloro-1,2,2-trifluoroeth	0.4	0.2595954	0.5	0.2453448	1	0.3431268	2	0.3074672	5	0.3444223	10	0.335514
1,2,4-Trimethylbenzene	0.4	1.798832	0.5	1.966691	1	2.264143	2	2.351049	5	2.580649	10	2.575564
1,3,5-Trimethylbenzene			0.5	1.289964	1	1.713715	2	1.671369	5	1.880533	10	1.945792
Vinyl Acetate	4	0.7238362	5	0.7197581	10	0.7635139	20	0.7709609	50	0.7852137	100	0.8207252
Vinyl Chloride	0.4	0.3679797	0.5	0.365753	1	0.4808052	2	0.4276484	5	0.4534273	10	0.4486481
m+p Xylene	0.8	1.424881	1	1.53879	2	1.770744	4	1.796619	10	1.934122	20	2.00278
o-Xylene	0.4	1.498714	0.5	1.649809	1	1.875347	2	1.846848	5	2.029548	10	2.11005
1,2-Dichloroethane-d4	25	0.7780323	25	0.7754868	25	0.7805593	25	0.7710702	25	0.7639797	25	0.7647296
Toluene-d8	25	1.241233	25	1.242317	25	1.236874	25	1.259815	25	1.256109	25	1.248773
4-Bromofluorobenzene	25	0.880862	25	0.875741	25	0.8835382	25	0.8996836	25	0.8987487	25	0.9116436

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0266

Project: Doro Cleaners

Calibration: 1200252

Instrument: GCMSVOA2

Calibration Date: 12/6/2012 12:00:53AM

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	0.1493989	50	0.2022577	100	0.2059557	200	0.2066771				
Ethyl Methacrylate	20	0.1942479	50	0.2333015	100	0.2182525	200	0.2116225				
Acetone	200	9.451804E-02	500	0.1122526	1000	9.709496E-02	2000	9.820988E-02				
Acrolein	200	6.285435E-02	500	7.214706E-02	1000	6.280445E-02	2000	6.238462E-02				
Acrylonitrile	20	0.1397478	50	0.145701	100	0.1410922	200	0.1296981				
tert-Amyl Methyl Ether (TAME)	20	1.134721	50	1.276975	100	1.248227	200	1.215071				
Benzene	20	1.525848	50	1.624408	100	1.535025	200	1.485658				
Bromobenzene	20	0.9587322	50	1.003994	100	0.9603273	200	0.9429105				
Bromochloromethane	20	0.2117302	50	0.2207301	100	0.1989757	200	0.1765108				
Bromodichloromethane	20	0.4576439	50	0.5118442	100	0.4902297	200	0.4786439				
Bromoform	20	0.2800292	50	0.3621191	100	0.3700967	200	0.4009878				
Bromomethane	20	0.2222566	50	0.2553308								
2-Butanone (MEK)	200	0.1410357	500	0.1600859	1000	0.1445008	2000	0.1334777				
tert-Butyl Alcohol (TBA)	200	4.023687E-02	500	5.343225E-02	1000	4.796856E-02	2000	5.108923E-02				
n-Butylbenzene	20	1.680388	50	1.744122	100	1.670031	200	1.604263				
sec-Butylbenzene	20	2.428597	50	2.41495	100	2.269542	200	2.188842				
tert-Butylbenzene	20	1.836976	50	1.852763	100	1.738486	200	1.686576				
tert-Butyl Ethyl Ether (TBEE)	20	1.303903	50	1.434528	100	1.36855	200	1.332901				
Carbon Disulfide	200	1.09146	500	1.087035	1000	0.8961227						
Carbon Tetrachloride	20	0.644476	50	0.7301691	100	0.7095683	200	0.6908406				
Chlorobenzene	20	1.388307	50	1.451531	100	1.376646	200	1.344405				
Chlorodibromomethane	20	0.3186247	50	0.3772776	100	0.3731126	200	0.3752173				
Chloroethane	20	0.2067984	50	0.2296558	100	0.2033619	200	0.1954669				
2-Chloroethyl Vinyl Ether	200	0.2063145	500	0.2155006	1000	0.1869176	2000	0.1597493				
Chloroform	20	0.8838023	50	0.9383739	100	0.8789828	200	0.8414616				
Chloromethane	20	0.3078714	50	0.3265147	100	0.3006013	200	0.3027166				

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0266

Project: Doro Cleaners

Calibration: 1200252

Instrument: GCMSVOA2

Calibration Date: 12/6/2012 12:00:53AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
2-Chlorotoluene	20	1.73762	50	1.822483	100	1.706282	200	1.677251				
4-Chlorotoluene	20	2.07627	50	2.157834	100	2.025249	200	1.928362				
Cyclohexane	20	0.4944812	50	0.5152824	100	0.4781197	200	0.4655084				
1,2-Dibromo-3-chloropropane (D	20	9.132159E-02	50	0.127696	100	0.1251476	200	0.1270958				
1,2-Dibromoethane (EDB)	20	0.3001368	50	0.3226764	100	0.3075855	200	0.3032622				
Dibromomethane	20	0.2020786	50	0.2159032	100	0.2038257	200	0.1954163				
1,2-Dichlorobenzene	20	1.212759	50	1.259569	100	1.200466	200	1.18107				
1,3-Dichlorobenzene	20	1.244382	50	1.257141	100	1.211986	200	1.204499				
1,4-Dichlorobenzene	20	1.223041	50	1.257744	100	1.202759	200	1.192339				
trans-1,4-Dichloro-2-butene	20	0.1466505	50	0.200851	100	0.2043793	200	0.2105471				
Dichlorodifluoromethane (Freon	20	0.5926107	50	0.6032312	100	0.5376689	200	0.4714314				
1,1-Dichloroethane	20	0.7592139	50	0.8114752	100	0.7440196	200	0.7443945				
1,2-Dichloroethane	20	0.5723869	50	0.5957818	100	0.5497391	200	0.5204896				
1,1-Dichloroethylene	20	0.6199274	50	0.682795	100	0.5961321	200	0.5981874				
cis-1,2-Dichloroethylene	20	0.7174981	50	0.7512963	100	0.7030304	200	0.6648778				
trans-1,2-Dichloroethylene	20	0.62252	50	0.6483537	100	0.5954514	200	0.5728066				
Dichlorofluoromethane (Freon 2	20	0.7980316	50	0.8949154	100	0.8035111	200	0.7886004				
1,2-Dichloropropane	20	0.2673854	50	0.2828176	100	0.2662639	200	0.2581072				
1,3-Dichloropropane	20	0.4838537	50	0.5189182	100	0.4918182	200	0.4733305				
2,2-Dichloropropane	20	0.612442	50	0.6732894	100	0.6491856	200	0.6329084				
1,1-Dichloropropene	20	0.587484	50	0.6309672	100	0.6000469	200	0.5748152				
cis-1,3-Dichloropropene	20	0.4645948	50	0.5167879	100	0.5100181	200	0.496432				
trans-1,3-Dichloropropene	20	0.4192046	50	0.495819	100	0.4861874	200	0.4836363				
Diethyl Ether	20	0.3153893	50	0.3662222	100	0.3245747	200	0.3371652				
Difluorochloromethane (Freon 2	20	0.5094911	50	0.5617057	100	0.5053296	200	0.4542387				
Diisopropyl Ether (DIPE)	20	0.9656354	50	1.017726	100	0.9089709	200	0.8131241				

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NYSDG: 12L0266Project: Doro CleanersCalibration: 1200252Instrument: GCMSVOA2Calibration Date: 12/6/2012 12:00:53AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
1,4-Dioxane	200	3.277751E-03	500	3.936515E-03	1000	3.608568E-03	2000	3.72034E-03				
Ethyl Acetate	20	0.2994763	50	0.3612147	100	0.3415785	200	0.3340277				
Ethylbenzene	20	2.415279	50	2.516868	100	2.345569	200	2.219772				
Hexachlorobutadiene	20	0.2871751	50	0.3010659	100	0.2897869	200	0.2889038				
2-Hexanone (MBK)	200	0.1429345	500	0.1656999	1000	0.1462769	2000	0.128688				
Iodomethane	200	0.5510496	500	0.6127035	1000	0.555247	2000	0.491412				
Isopropylbenzene (Cumene)	20	2.212544	50	2.319217	100	2.191231	200	2.117584				
p-Isopropyltoluene (p-Cymene)	20	1.974169	50	1.989842	100	1.887934	200	1.830187				
Methyl Acetate	20	0.2514707	50	0.2853549	100	0.2816817	200	0.2729733				
Methyl tert-Butyl Ether (MTBE)	20	1.281324	50	1.450503	100	1.339668	200	1.313603				
Methyl Cyclohexane	20	0.2574511	50	0.2790222	100	0.266308	200	0.2673631				
Methylene Chloride	20	0.5061512	50	0.4567675	100	0.4621503	200	0.4099792				
4-Methyl-2-pentanone (MIBK)	200	0.20391	500	0.2258496	1000	0.1928369	2000	0.1640471				
Naphthalene	20	0.3061112	50	0.7307035	100	0.8053795	200	0.8291626				
n-Propylbenzene	20	2.411848	50	2.546623	100	2.387236	200	2.288409				
Styrene	20	1.513771	50	1.608442	100	1.516429	200	1.477814				
1,1,1,2-Tetrachloroethane	20	0.5041863	50	0.5489248	100	0.5314065	200	0.5359388				
1,1,2,2-Tetrachloroethane	20	0.5446702	50	0.6170549	100	0.5861433	200	0.6027041				
Tetrachloroethylene	20	0.2210108	50	0.23385	100	0.2256272	200	0.2218289				
Tetrahydrofuran	20	6.911691E-02	50	8.883171E-02	100	8.216358E-02	200	8.049868E-02				
Toluene	20	1.196941	50	1.271893	100	1.192263	200	1.121847				
1,2,3-Trichlorobenzene	20	0.1070861	50	0.2227011	100	0.2298862	200	0.2377276				
1,2,4-Trichlorobenzene	20	0.2286642	50	0.4072149	100	0.426868	200	0.4446133				
1,3,5-Trichlorobenzene	20	0.5783171	50	0.6905562	100	0.6695471	200	0.6666361				
1,1,1-Trichloroethane	20	0.8131844	50	0.892682	100	0.8461528	200	0.8332429				
1,1,2-Trichloroethane	20	0.2729296	50	0.293655	100	0.278265	200	0.2714733				

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Client: CDM Smith, Inc. - NY

SDG: 12L0266

Project: Doro Cleaners

Calibration: 1200252

Instrument: GCMSVOA2

Calibration Date: 12/6/2012 12:00:53AM

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
		RF		RF		RF		RF		RF		RF
Trichloroethylene	20	0.3121659	50	0.3315498	100	0.3065673	200	0.2989593				
Trichlorofluoromethane (Freon	20	0.7857118	50	0.8505375	100	0.7407783	200	0.740944				
1,2,3-Trichloropropane	20	0.2067334	50	0.230365	100	0.21621	200	0.2230531				
1,1,2-Trichloro-1,2,2-trifluoroeth	20	0.3313609	50	0.3640671	100	0.326374	200	0.327299				
1,2,4-Trimethylbenzene	20	2.551185	50	2.579681	100	2.414298	200	2.249013				
1,3,5-Trimethylbenzene	20	1.979524	50	2.09305	100	1.953956	200	1.864968				
Vinyl Acetate	200	0.7503424	500	0.763609	1000	0.6505909	2000	0.533348				
Vinyl Chloride	20	0.4287626	50	0.474538	100	0.4331003	200	0.4249209				
m+p Xylene	40	1.981405	100	2.031395	200	1.855703	400	1.696062				
o-Xylene	20	2.101556	50	2.197235	100	2.050025	200	1.941809				
1,2-Dichloroethane-d4	25	0.7505302	25	0.742172	25	0.7332181	25	0.7026827				
Toluene-d8	25	1.244329	25	1.280383	25	1.266593	25	1.25238				
4-Bromofluorobenzene	25	0.9185099	25	0.9346367	25	0.9419493	25	0.95711				

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Calibration:	1200252	Instrument:	GCMSVOA2
		Calibration Date:	12/6/2012 12:00:53AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
cis-1,4-Dichloro-2-butene	0.1367028	41.3	0.9993986		0.99	
Ethyl Methacrylate	0.1935837	14.6			15	
Acetone	0.1053692	8.4			15	
Acrolein	6.498686E-02	5.7			15	
Acrylonitrile	0.1311247	12.7			15	
tert-Amyl Methyl Ether (TAME)	1.125973	8.8			15	
Benzene	1.511977	7.5			15	
Bromobenzene	0.9212467	7.5			15	
Bromochloromethane	0.2022987	8.6			15	
Bromodichloromethane	0.4337613	13.6			15	
Bromoform	0.254001	38.0	0.9982179		0.99	
Bromomethane	0.3597615	35.6	0.9960903		0.99	
2-Butanone (MEK)	0.1485554	7.1			15	
tert-Butyl Alcohol (TBA)	4.492704E-02	10.3			15	
n-Butylbenzene	1.294154	33.4	0.9992316		0.99	
sec-Butylbenzene	2.187443	11.5			15	
tert-Butylbenzene	1.716075	10.4			15	
tert-Butyl Ethyl Ether (TBEE)	1.297506	5.9			15	
Carbon Disulfide	1.003891	13.3			15	
Carbon Tetrachloride	0.6398227	10.8			15	
Chlorobenzene	1.369276	3.9			15	
Chlorodibromomethane	0.2858921	26.2	0.9997874		0.99	
Chloroethane	0.2123244	10.7			15	
2-Chloroethyl Vinyl Ether	0.1964724	9.8			15	
Chloroform	0.8534152	7.4			15	
Chloromethane	0.3370409	10.2			15	
2-Chlorotoluene	1.65555	8.0			15	

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Calibration:	1200252	Instrument:	GCMSVOA2
		Calibration Date:	12/6/2012 12:00:53AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
4-Chlorotoluene	1.912311	11.9			15	
Cyclohexane	0.5109645	8.3			15	
1,2-Dibromo-3-chloropropane (DBCP)	8.625667E-02	47.8	0.9994247		0.99	
1,2-Dibromoethane (EDB)	0.2809212	12.9			15	
Dibromomethane	0.1967187	6.4			15	
1,2-Dichlorobenzene	1.138835	9.4			15	
1,3-Dichlorobenzene	1.158425	9.4			15	
1,4-Dichlorobenzene	1.21395	3.3			15	
trans-1,4-Dichloro-2-butene	0.1511072	32.6	0.9993694		0.99	
Dichlorodifluoromethane (Freon 12)	0.5810085	11.4			15	
1,1-Dichloroethane	0.7509778	6.6			15	
1,2-Dichloroethane	0.5686801	5.1			15	
1,1-Dichloroethylene	0.6105121	9.6			15	
cis-1,2-Dichloroethylene	0.6851584	8.4			15	
trans-1,2-Dichloroethylene	0.6030379	8.7			15	
Dichlorofluoromethane (Freon 21)	0.7762987	10.6			15	
1,2-Dichloropropane	0.2586025	8.5			15	
1,3-Dichloropropane	0.4770922	6.0			15	
2,2-Dichloropropane	0.5744312	13.9			15	
1,1-Dichloropropene	0.5658496	9.8			15	
cis-1,3-Dichloropropene	0.4167886	20.8	0.99968		0.99	
trans-1,3-Dichloropropene	0.3743376	26.4	0.9997589		0.99	
Diethyl Ether	0.3231151	5.9			15	
Difluorochloromethane (Freon 22)	0.5035434	10.9			15	
Diisopropyl Ether (DIPE)	0.9668513	8.2			15	
1,4-Dioxane	3.414254E-03	12.2			15	
Ethyl Acetate	0.3326349	6.3			15	

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0266

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Calibration: 1200252

Instrument: GCMSVOA2

Calibration Date: 12/6/2012 12:00:53AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
Ethylbenzene	2.230535	10.2			15	
Hexachlorobutadiene	0.2261139	34.7	0.9998438		0.99	
2-Hexanone (MBK)	0.1359479	13.1			15	
Iodomethane	0.4072564	39.9	0.9940515		0.99	
Isopropylbenzene (Cumene)	2.002255	14.9			15	
p-Isopropyltoluene (p-Cymene)	1.801623	12.4			15	
Methyl Acetate	0.2683711	8.4			15	
Methyl tert-Butyl Ether (MTBE)	1.310555	4.8			15	
Methyl Cyclohexane	0.2466441	14.6			15	
Methylene Chloride	0.5011319	14.4			15	
4-Methyl-2-pentanone (MIBK)	0.2031416	9.3			15	
Naphthalene	0.491197	68.9	0.9987068		0.99	
n-Propylbenzene	2.240763	11.2			15	
Styrene	1.395717	13.2			15	
1,1,1,2-Tetrachloroethane	0.4695037	14.0			15	
1,1,2,2-Tetrachloroethane	0.5532191	8.0			15	
Tetrachloroethylene	0.2124309	13.0			15	
Tetrahydrofuran	0.0739286	14.5			15	
Toluene	1.161114	6.8			15	
1,2,3-Trichlorobenzene	0.1516888	60.5	0.998963		0.99	
1,2,4-Trichlorobenzene	0.2904701	55.1	0.9993637		0.99	
1,3,5-Trichlorobenzene	0.4432274	54.2	0.9996588		0.99	
1,1,1-Trichloroethane	0.7785184	10.9			15	
1,1,2-Trichloroethane	0.2783412	3.0			15	
Trichloroethylene	0.3020005	10.2			15	
Trichlorofluoromethane (Freon 11)	0.7635449	11.8			15	
1,2,3-Trichloropropane	0.2007159	11.3			15	

6 - FORM VI

INITIAL CALIBRATION DATA SHEET (Continued)

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0266

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Calibration: 1200252

Instrument: GCMSVOA2

Calibration Date: 12/6/2012 12:00:53AM

COMPOUND	Mean RF	RF RSD	Linear r	Quad COD	LIMIT	Q
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 1	0.3184572	11.9			15	
1,2,4-Trimethylbenzene	2.33311	11.7			15	
1,3,5-Trimethylbenzene	1.82143	13.1			15	
Vinyl Acetate	0.7281898	11.3			15	
Vinyl Chloride	0.4305584	9.0			15	
m+p Xylene	1.80325	11.2			15	
o-Xylene	1.930094	11.4			15	
1,2-Dichloroethane-d4	0.7562461	3.2			15	
Toluene-d8	1.252881	1.1			15	
4-Bromofluorobenzene	0.9102423	3.0			15	

INITIAL CALIBRATION STANDARDS

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266
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

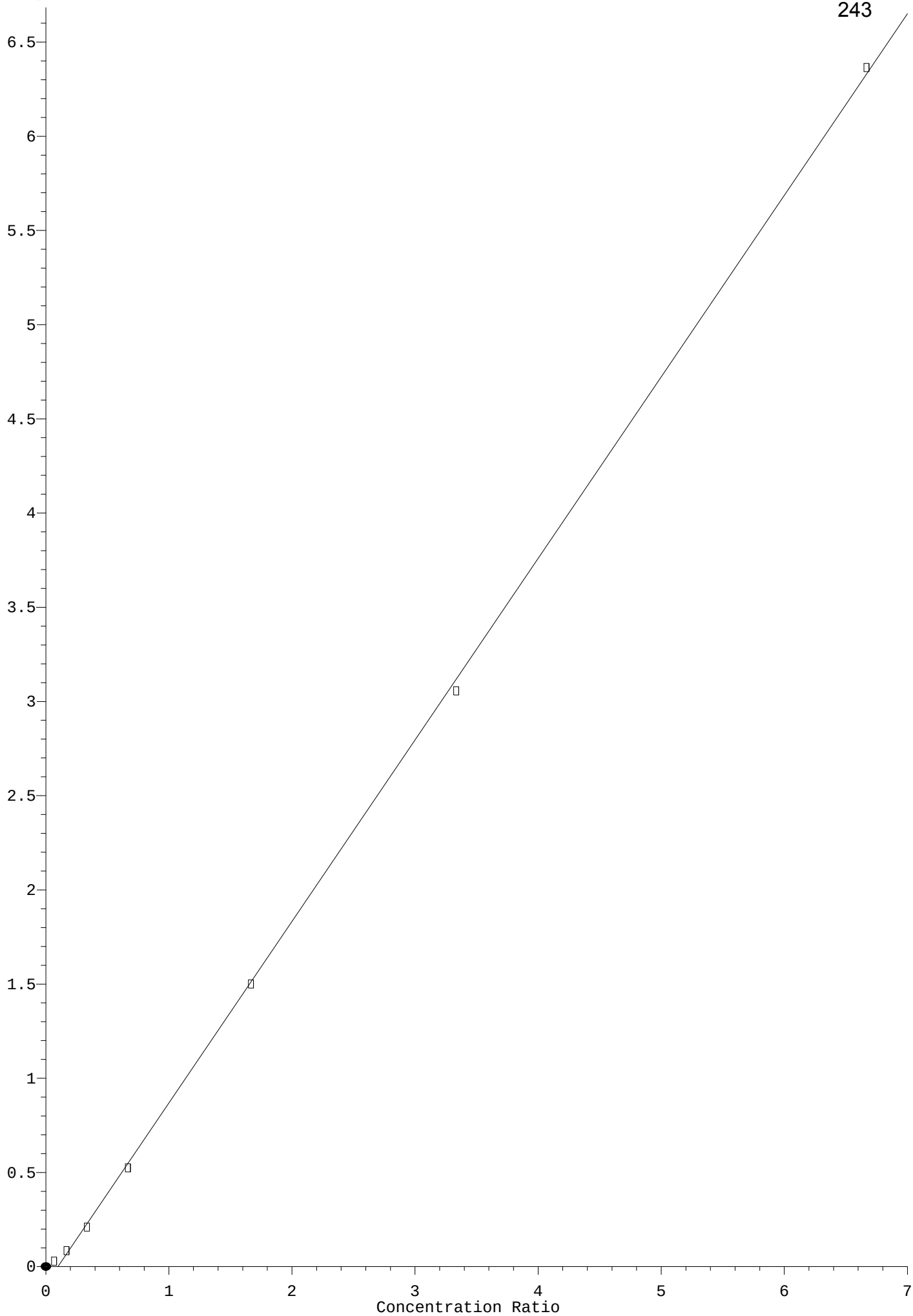
Method Path : \\3ls2011\HPCHEM\1\METHODS\
Method File : V1112S12.M
Title : 8260 SOIL CALIBRATION (FRONT)

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

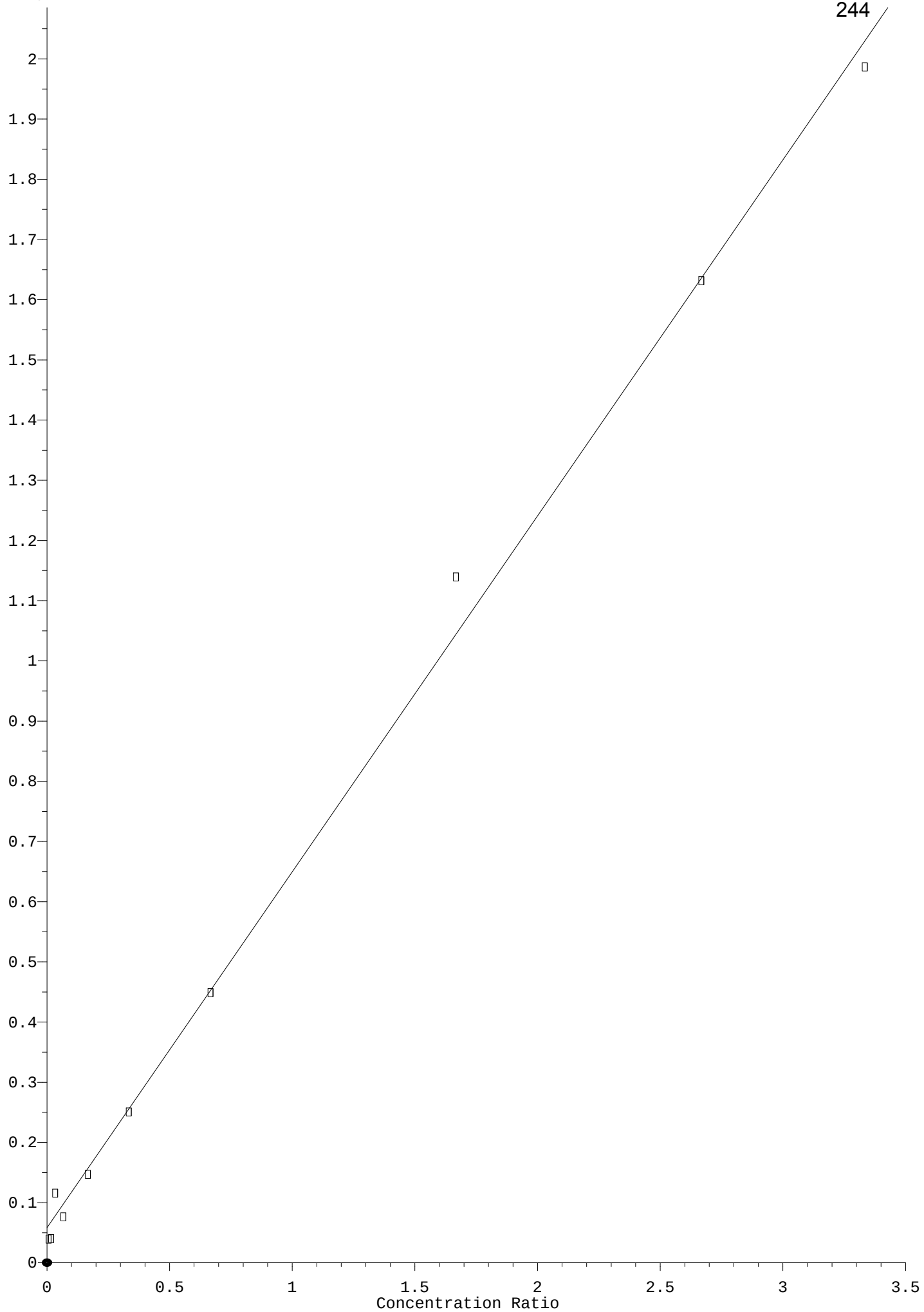
IODOMETHANE

Response Ratio



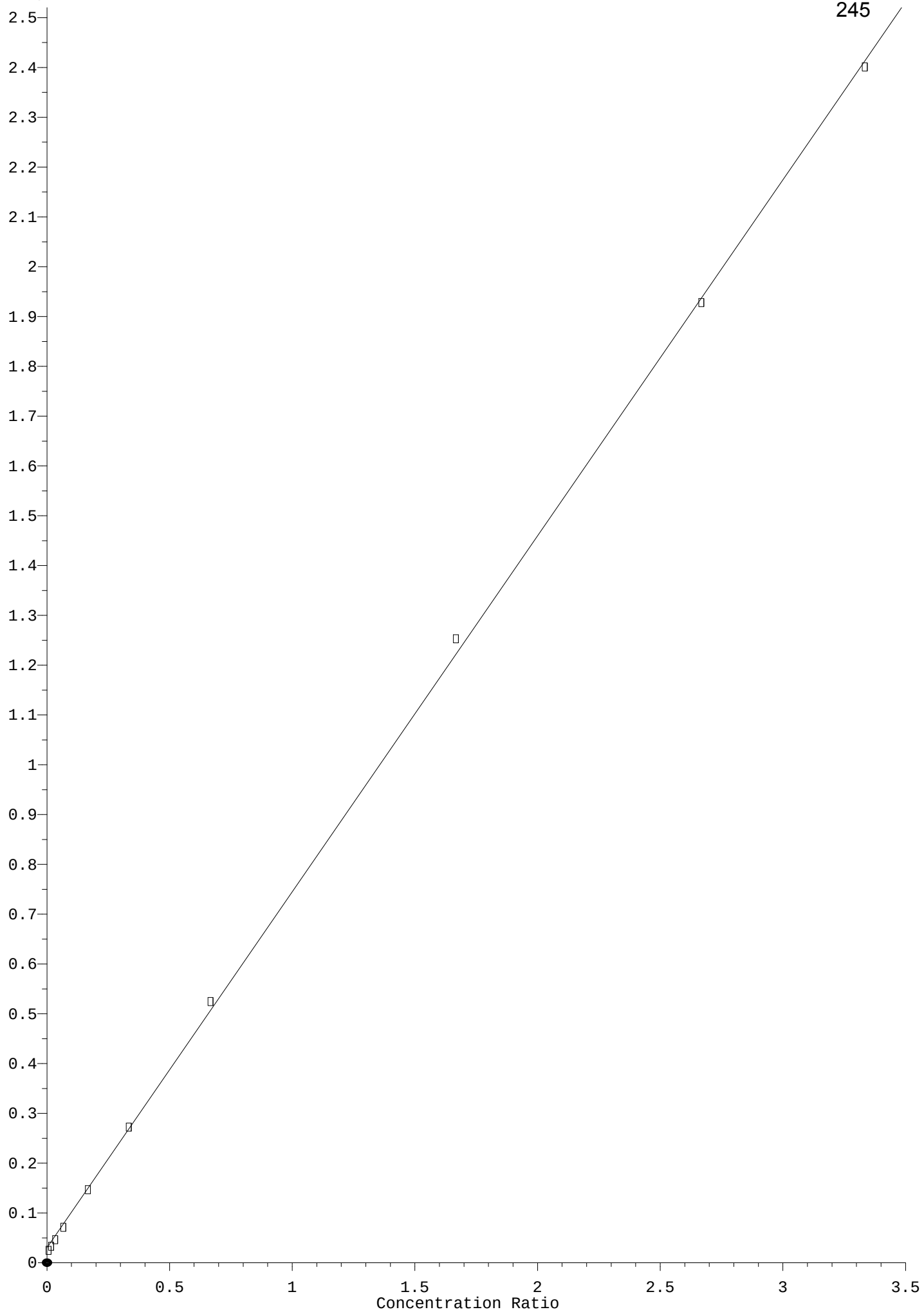
METHYLENE CHLORIDE

Response Ratio

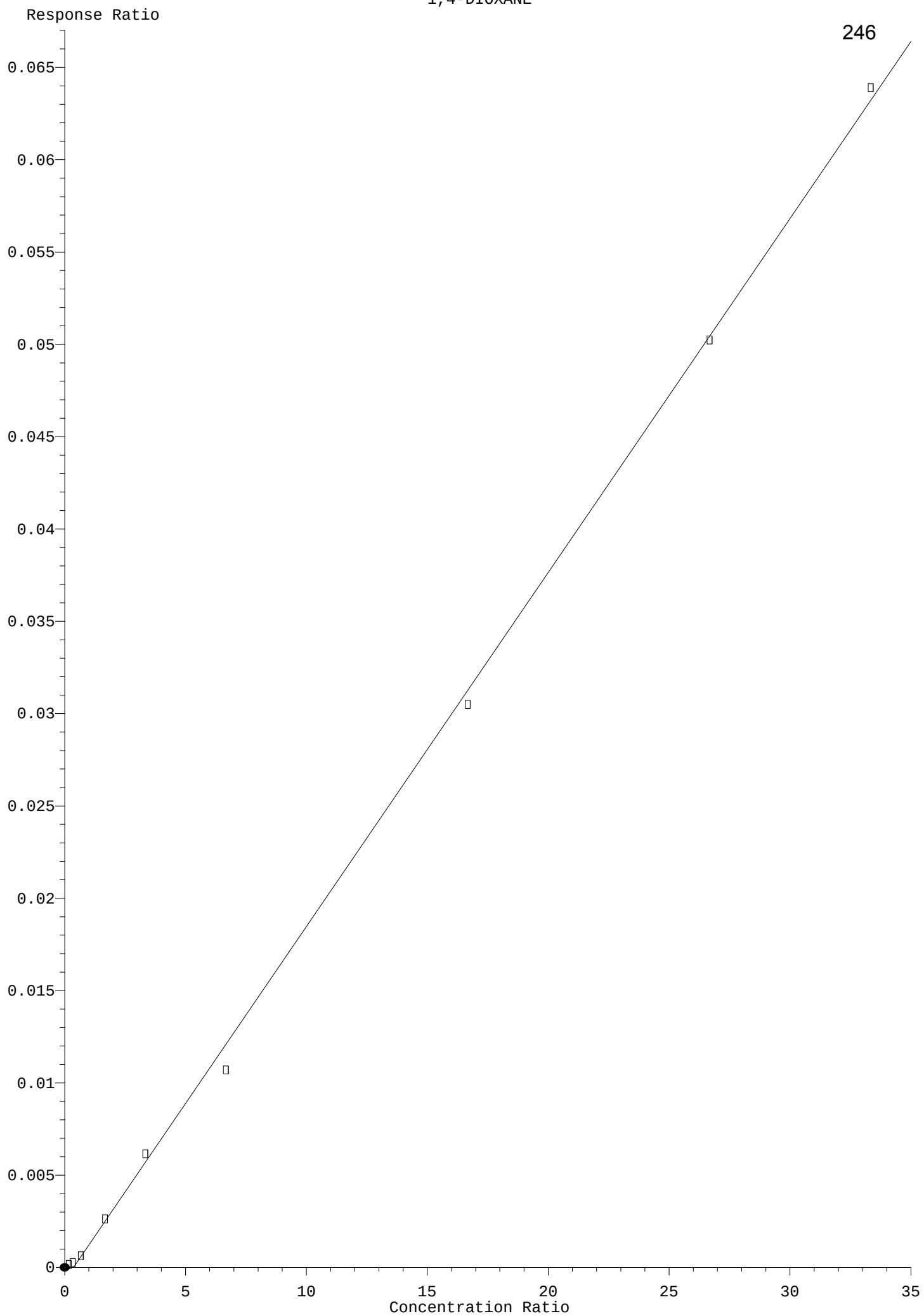


CYCLOHEXANE

Response Ratio

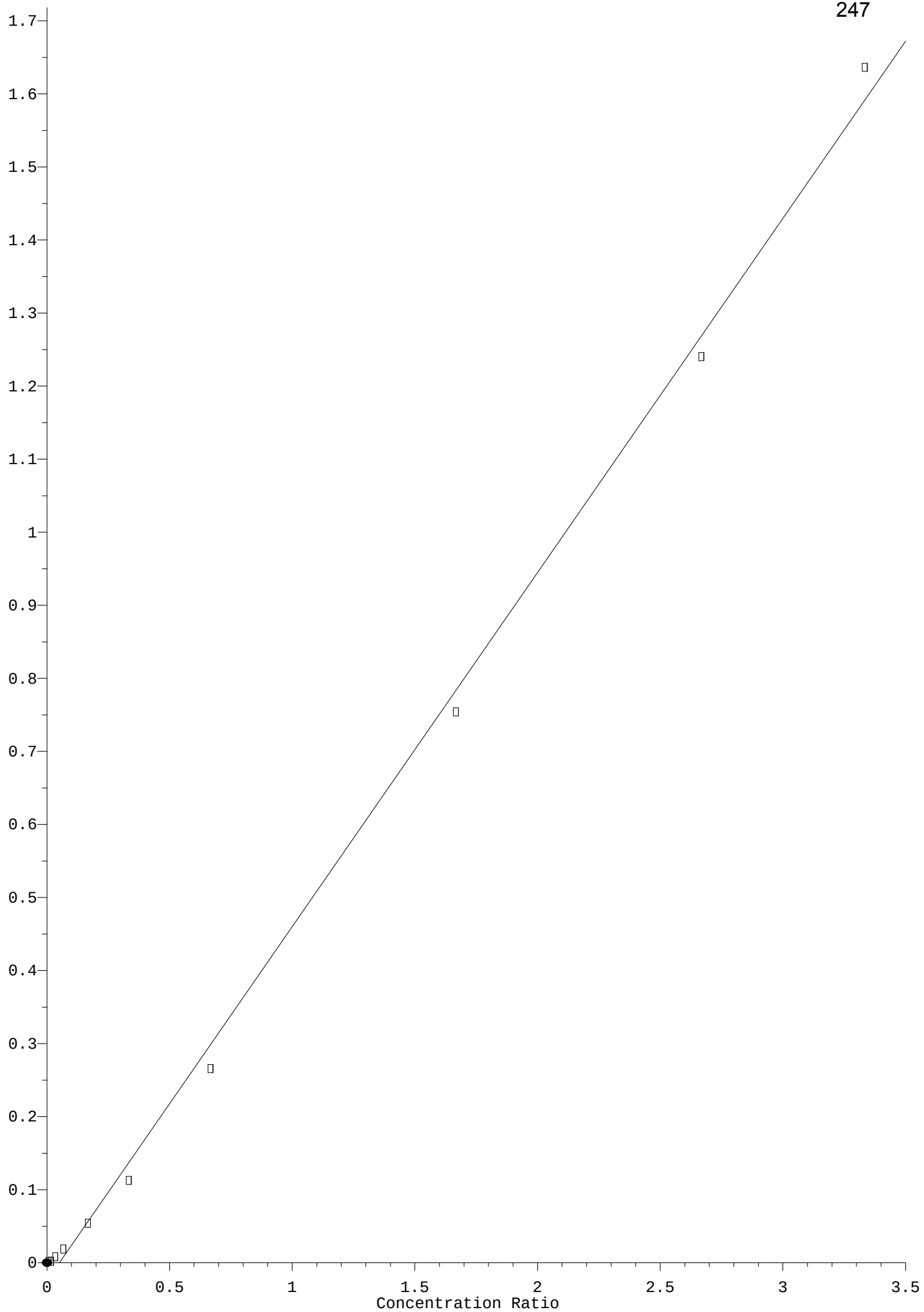


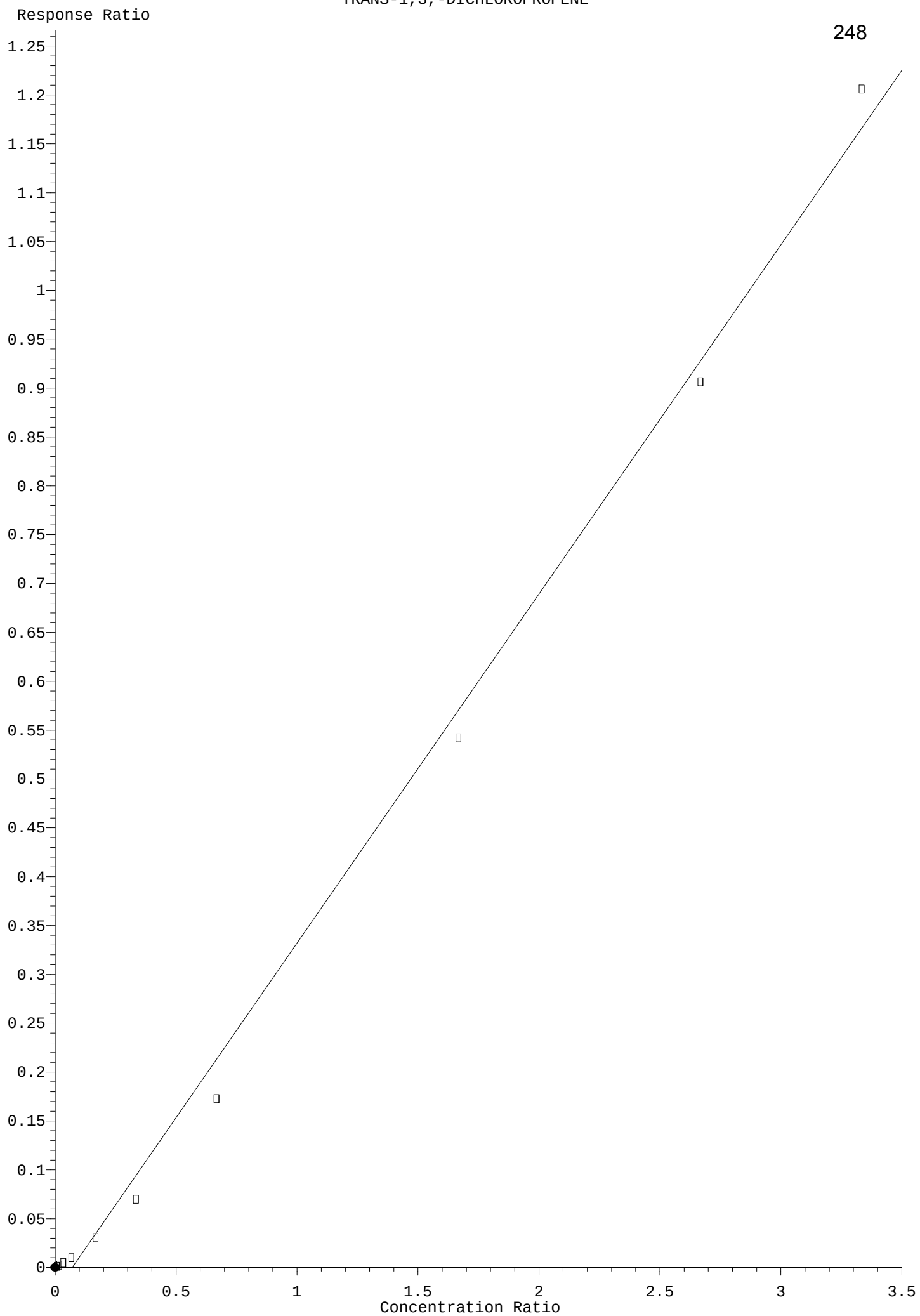
1,4-DIOXANE

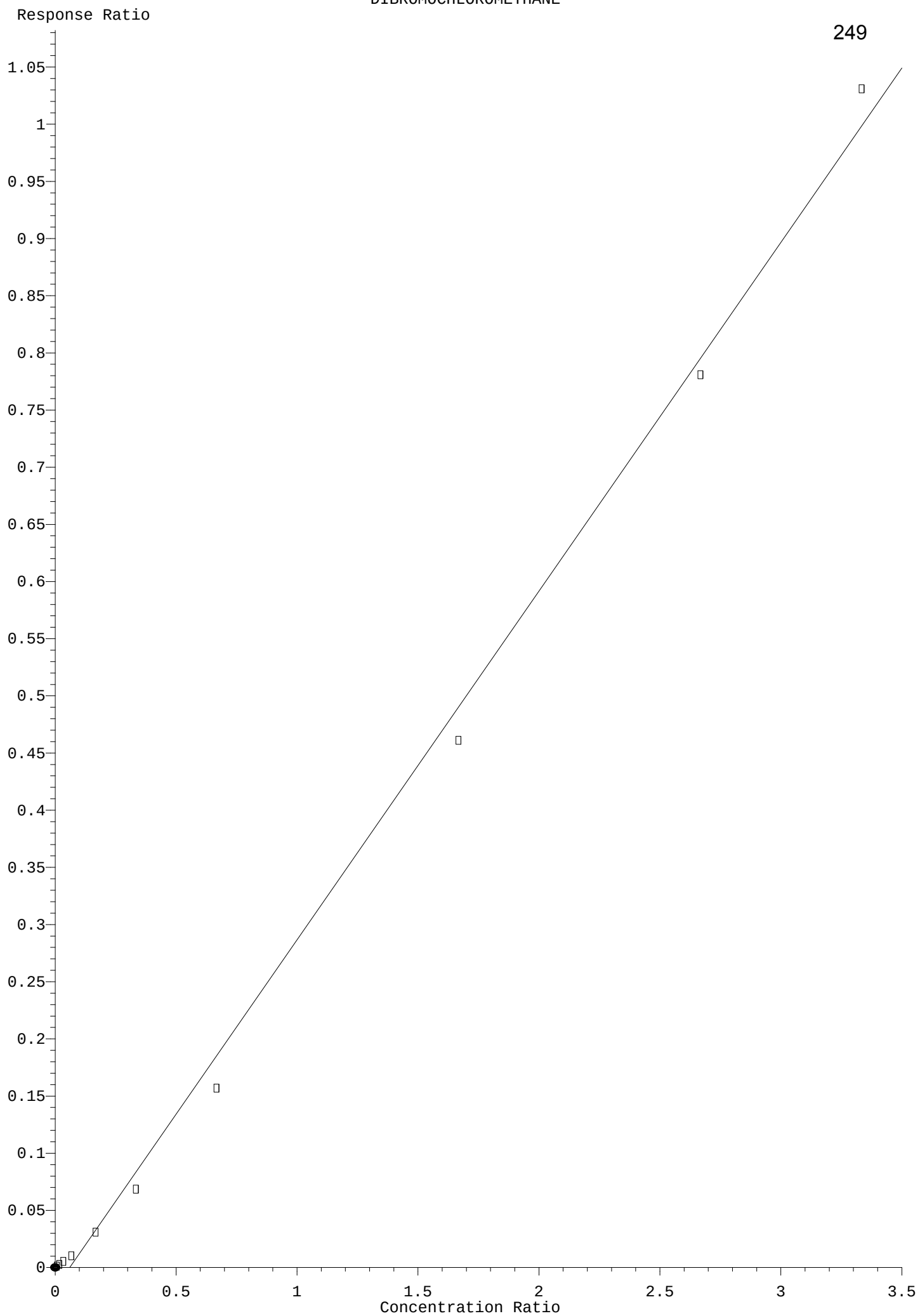


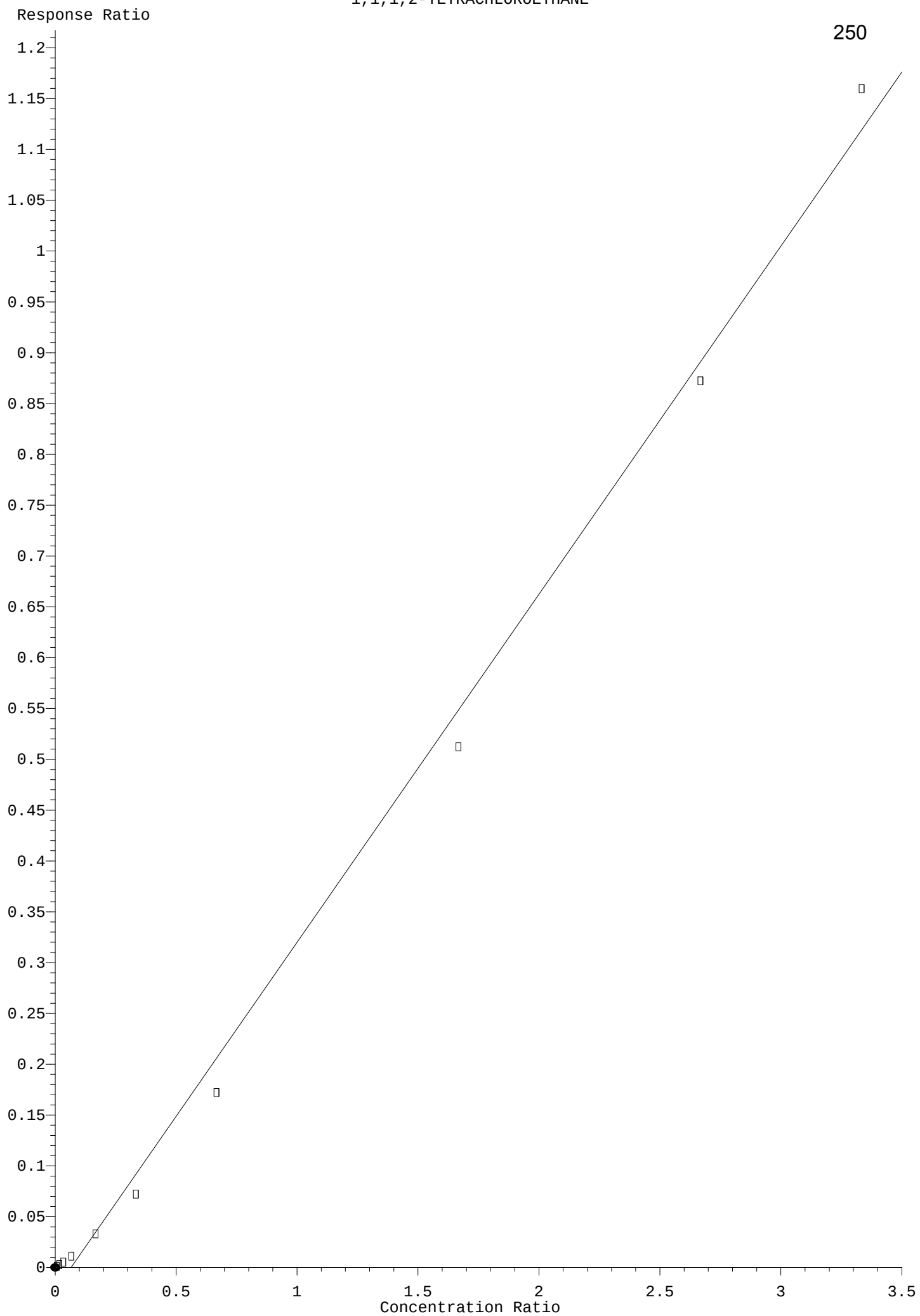
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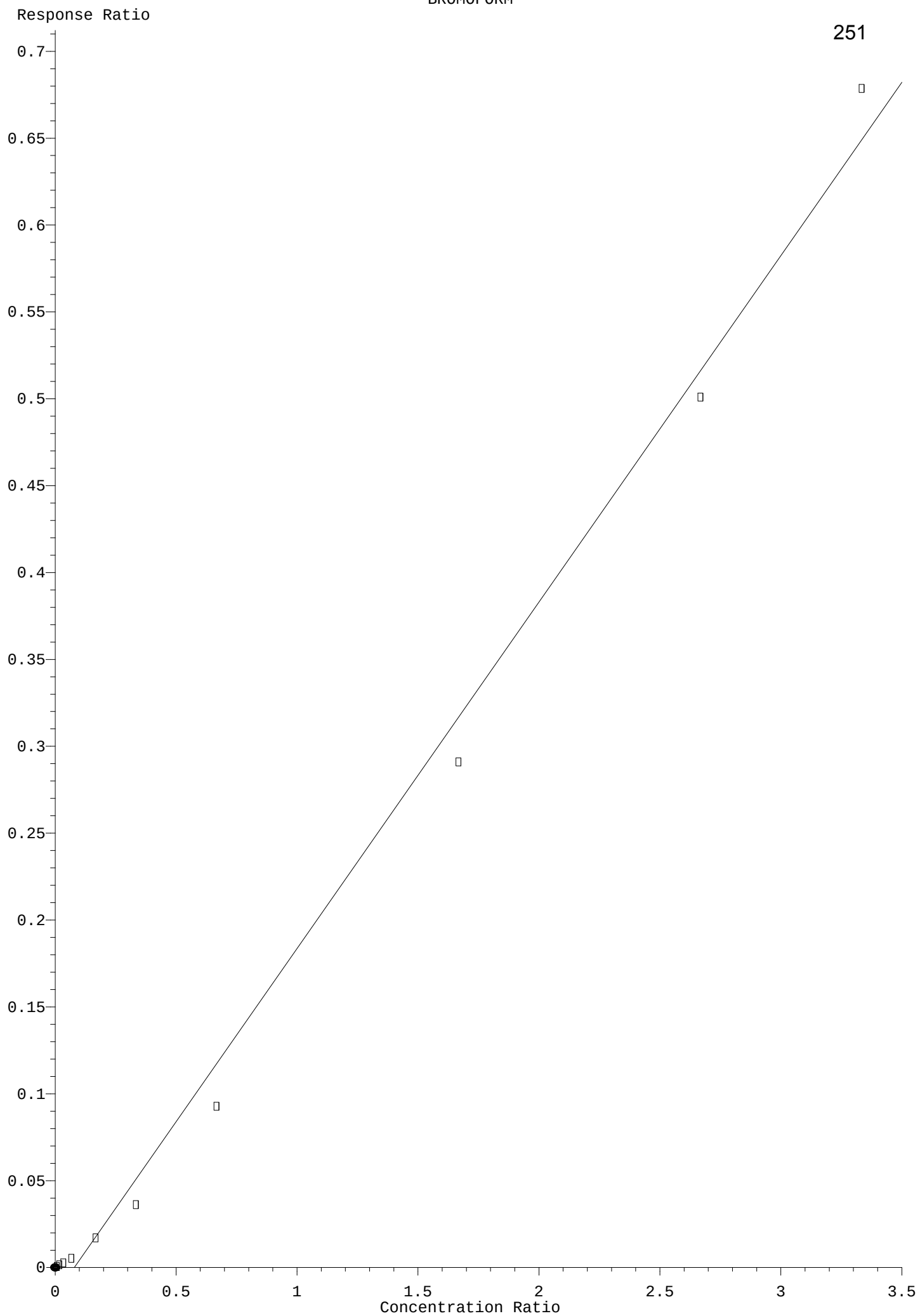
247

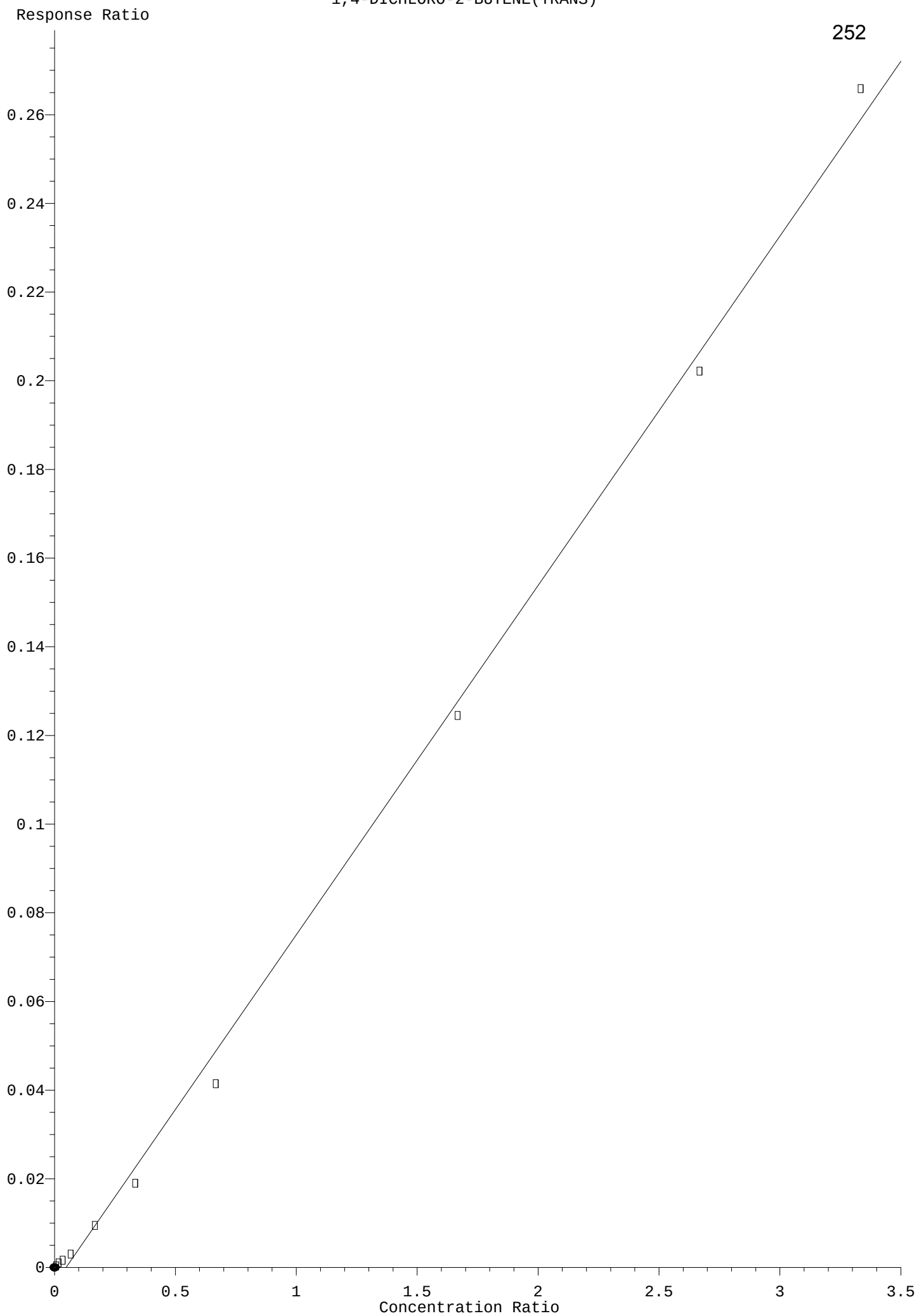




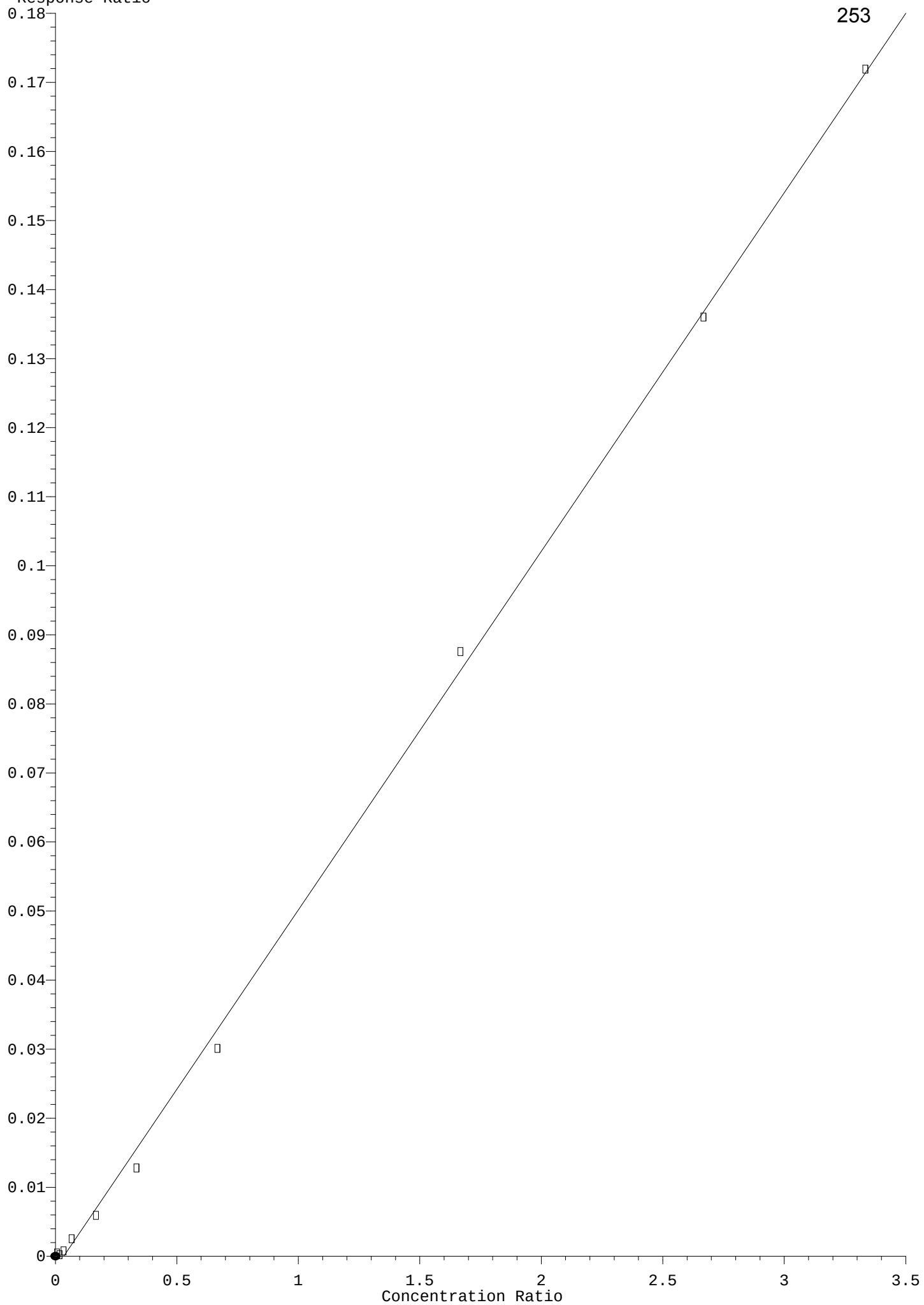








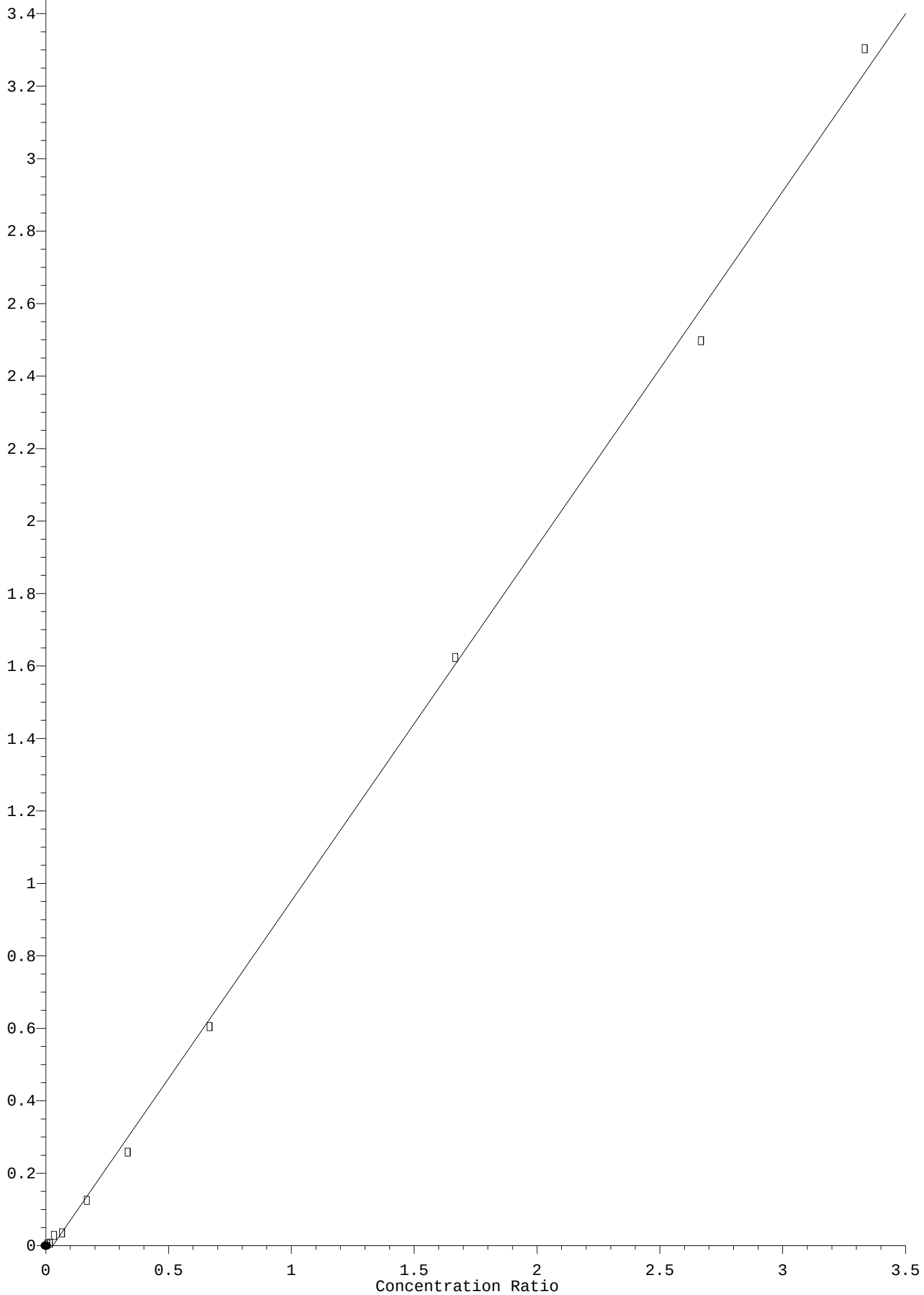
Response Ratio



NAPHTHALENE

Response Ratio

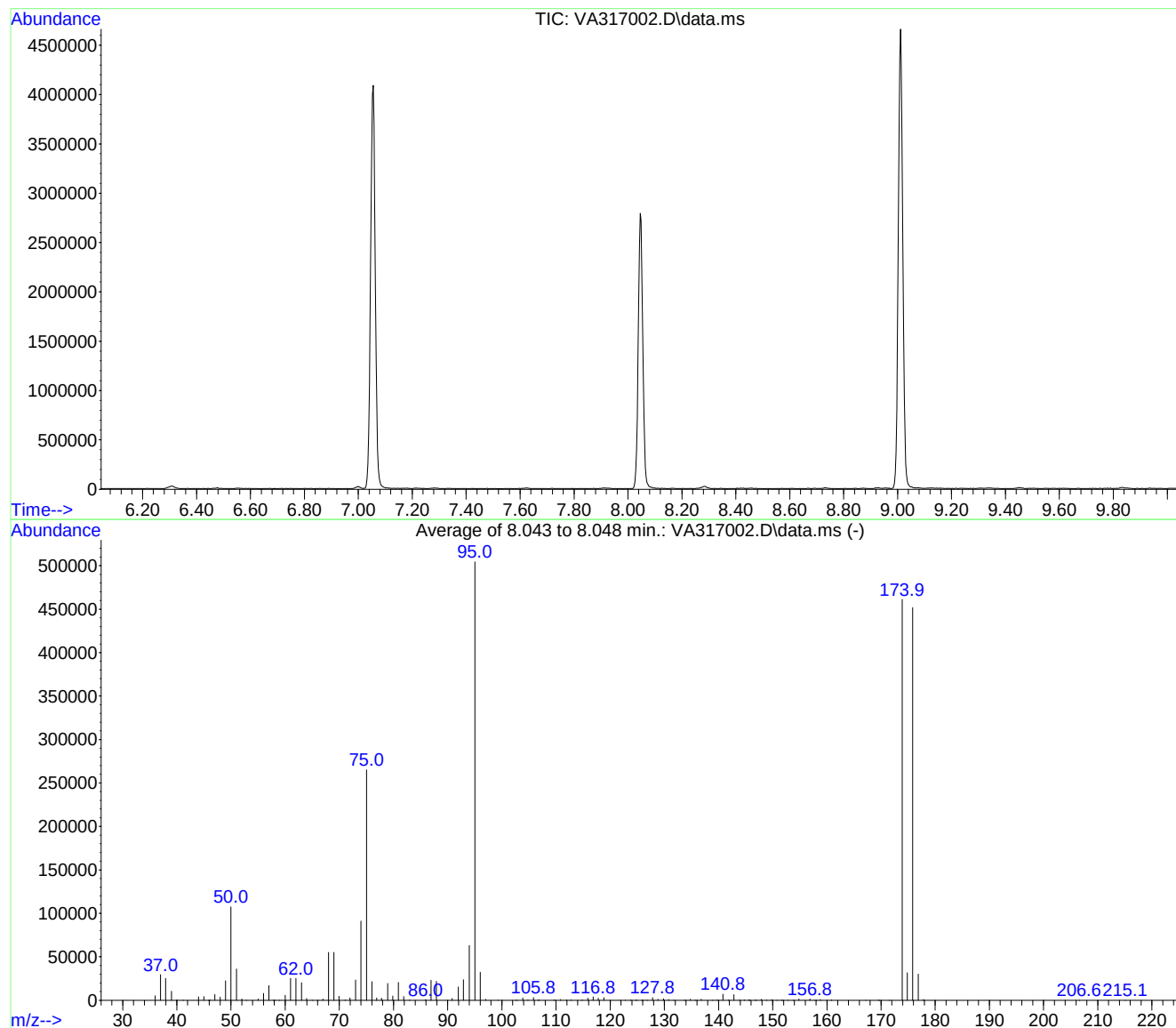
254



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: Nov 12 12:33:59 2012

Vial: 3

Operator: MFF

Inst : GCMSVOA1

Multiplr: 1.00

256

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	1.965	76	116106	No	Calib	#
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	2.335	53	965	No	Calib	#
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	4.304	41	237	No	Calib	#
44) BENZENE	4.143	78	14286	No	Calib	
45) T-AMYL METHYL 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: Nov 12 12:33:59 2012

Vial: 3
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

257

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	

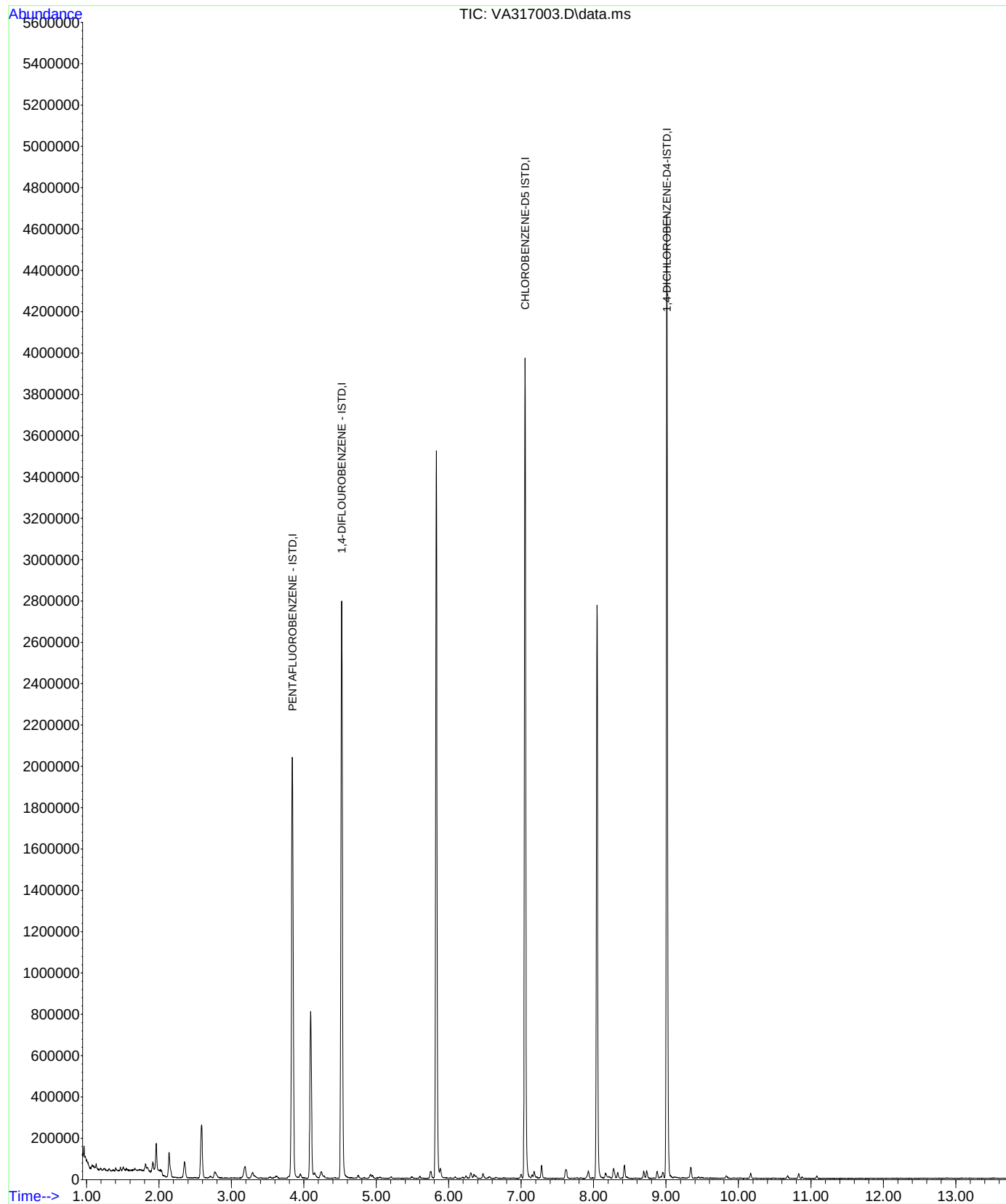
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : V:\DATA\111212\VA317003.D
Acq On : 12 Nov 2012 6:10 am
Sample : 8260 STD 0.2PPB
InstName : GCMSV0A1
Misc :
Quant Time: Nov 12 12:33:59 2012

Vial: 3
Operator: MFF
Inst : GCMSV0A1
Multiplr: 1.00

258

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: Nov 12 12:34:01 2012

Vial: 4
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

259

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	1.962	76	286015	No Calib	#	
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	2.326	53	838	No Calib	#	
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	4.307	41	271	No Calib	#	
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: Nov 12 12:34:01 2012

Vial: 4
 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 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: Nov 12 13:37:28 2012

Vial: 9
 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	1087643	30.00	UG/L	0.00
46) 1,4-DIFLUOROBENZENE - ...	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	1.961	76	572262	No Calib	#	
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	2.328	53	3677	No Calib	#	
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	4.279	41	3272	No Calib	#	
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: Nov 12 13:37:28 2012

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

263

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-CHLOROETHYL VINYLETHER	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

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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: Nov 12 13:43:57 2012

Vial: 6
 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	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	1.961	76	1266119	No Calib	#	
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	2.328	53	6680	No Calib	#	
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	4.273	41	10323	No Calib	#	
44) BENZENE	4.147	78	135416	1.999	UG/L	100
45) T-AMYLMETHYL 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: Nov 12 13:43:57 2012

Vial: 6
 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	5.082	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

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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: Nov 12 13:38:43 2012

Vial: 8
 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	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						
3) DICHLORODIFLOUROMETHANE	0.980	85	95607	5.459	UG/L	Qvalue 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	1.962	76	3124389	No Calib	#	
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	2.329	53	19631	No Calib	#	
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	4.277	41	25010	No Calib	#	
44) BENZENE	4.149	78	353049	5.262	UG/L	100
45) T-AMYL METHYL 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: Nov 12 13:38:43 2012

Vial: 8
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

269

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: Nov 12 12:34:06 2012

Vial: 10
 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 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	1.962	76	5907595	No Calib	#	
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	2.330	53	38686	No Calib	#	
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	4.272	41	57173	No Calib	#	
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: Nov 12 12:34:06 2012

Vial: 10
 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 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

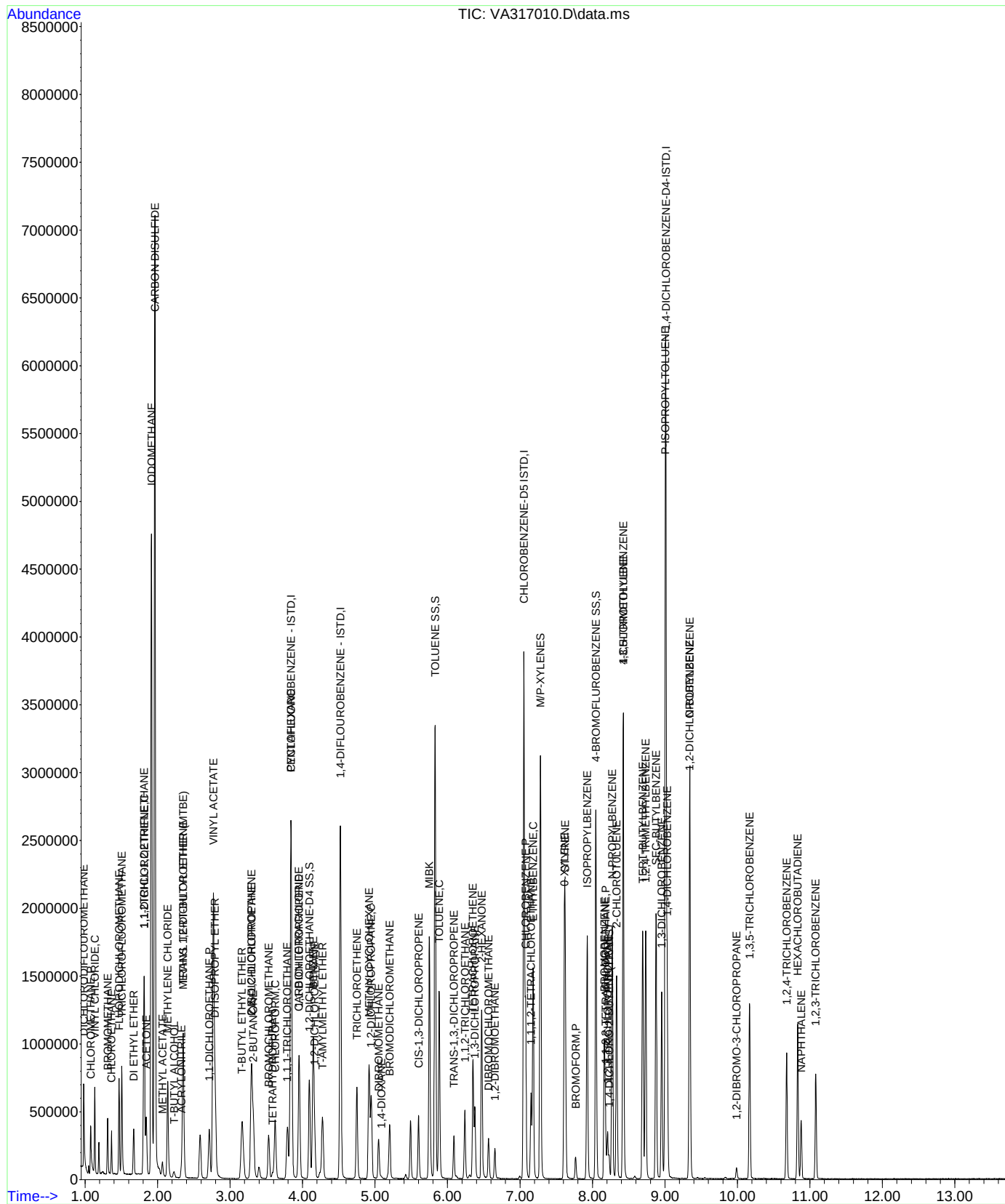
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : V:\DATA\111212\VA317010.D
 Acq On : 12 Nov 2012 9:18 am
 Sample : 8260 STD 10PPB
 InstName : GCMSVOA1
 Misc :
 Quant Time: Nov 12 12:34:06 2012

Vial: 10
 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 12:26:59 2012
 Response via : Initial Calibration
 DataAcq Meth:821205S8



Data File : V:\DATA\111212\VA317011.D
 Acq On : 12 Nov 2012 9:45 am
 Sample : 8260 STD 20PPB
 InstName : GCMSVOA1
 Misc :
 Quant Time: Nov 12 12:34:07 2012

Vial: 11
 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 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	1.959	76	10965513	No Calib	#	
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	2.327	53	76456	No Calib	#	
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	4.277	41	102257	No Calib	#	
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: Nov 12 12:34:07 2012

Vial: 11
 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 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-CHLOROETHYL VINYLETHER	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: Nov 12 12:34:09 2012

Vial: 12
 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 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	1.860	76	180	0.003	UG/L	# 1
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	2.325	53	209941	No Calib	#	
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	4.275	41	271057	No Calib	#	
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: Nov 12 12:34:09 2012

Vial: 12
 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 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

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[illegible]

Data File : V:\DATA\111212\VA317013.D
 Acq On : 12 Nov 2012 10:43 am
 Sample : 8260 STD 80PPB
 InstName : GCMSVOA1
 Misc :
 Quant Time: Nov 12 12:34:11 2012

Vial: 13
 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 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	1.882	76	185	0.003	UG/L	# 1
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	2.325	53	329493	No Calib	#	
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	4.275	41	425376	No Calib	#	
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: Nov 12 12:34:11 2012

Vial: 13
 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 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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Data File : V:\DATA\111212\VA317014.D
 Acq On : 12 Nov 2012 11:09 am
 Sample : 8260 STD 100PPB
 InstName : GCMSVOA1
 Misc :
 Quant Time: Nov 12 12:34:14 2012

Vial: 14
 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 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-DIFLUOROBENZENE - ...	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-BROMOFLUOROBENZENE 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) DICHLORODIFLUOROMETHANE	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	1.848	76	328	0.004	UG/L	# 75
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	2.329	53	437141	No Calib	#	
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	4.276	41	560303	No Calib	#	
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: Nov 12 12:34:14 2012

Vial: 14
 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 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

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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	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

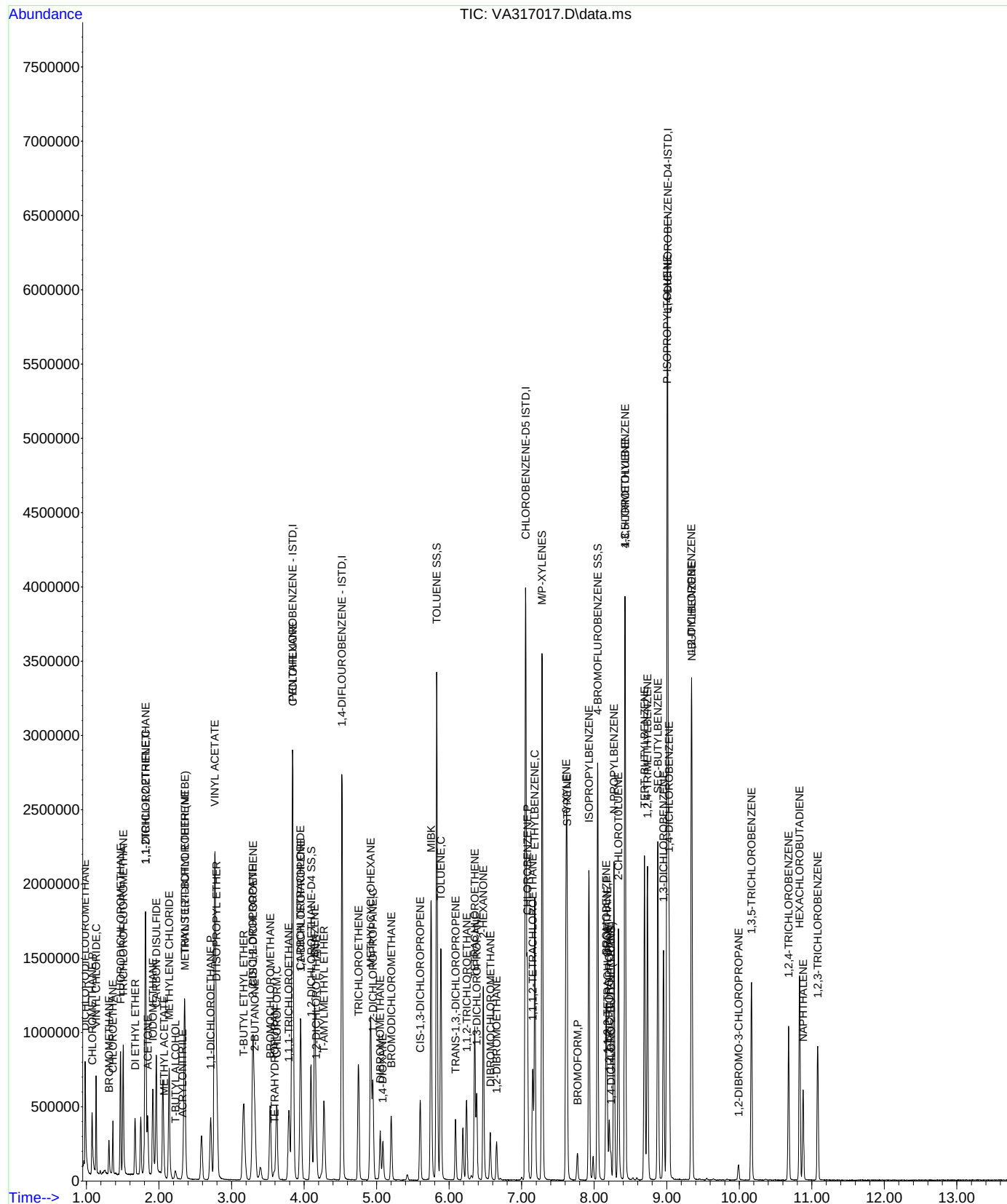
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

288

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



INITIAL CALIBRATION STANDARDS

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Sequence:	S003581	Instrument:	GCMSVOA2
Calibration:	1200252		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
1206199	0.4ppb 8260 Calibration Standard	S003581-CAL1	VB341005.D	12/06/12 11:50
1206200	0.5ppb 8260 Calibration Standard	S003581-CAL2	VB341006.D	12/06/12 12:20
1206201	1ppb 8260 Calibration Standard	S003581-CAL3	VB341007.D	12/06/12 12:51
1206202	2ppb 8260 Calibration Standard	S003581-CAL4	VB341008.D	12/06/12 13:22
1206203	5ppb 8260 Calibration Standard	S003581-CAL5	VB341009.D	12/06/12 13:53
1206204	10ppb 8260 Calibration Standard	S003581-CAL6	VB341010.D	12/06/12 14:24
1206205	20ppb 8260 Calibration Standard	S003581-CAL7	VB341011.D	12/06/12 14:55
1206206	50ppb 8260 Calibration Standard	S003581-CAL8	VB341012.D	12/06/12 15:26
1206207	100ppb 8260 Calibration Standard	S003581-CAL9	VB341013.D	12/06/12 15:57
1206208	200ppb 8260 Calibration Standard	S003581-CALA	VB341014.D	12/06/12 16:28

W:\DATA\120612\

Date		Filename	Lab ID	Sample Info
6 Dec 2012	9:16 am	VB341001.D	CLEAN UP	
6 Dec 2012	9:47 am	VB341002.D	CLEAN UP	
6 Dec 2012	10:17 am	VB341003.D	CLEAN UP	
6 Dec 2012	11:19 am	VB341004.D	BFB	
6 Dec 2012	11:50 am	VB341005.D	8260 STD 0.4 PPB	
6 Dec 2012	12:20 pm	VB341006.D	8260 STD 0.5 PPB	
6 Dec 2012	12:51 pm	VB341007.D	8260 STD 1.0 PPB	
6 Dec 2012	1:22 pm	VB341008.D	8260 STD 2.0 PPB	
6 Dec 2012	1:53 pm	VB341009.D	8260 STD 5.0 PPB	
6 Dec 2012	2:24 pm	VB341010.D	8260 STD 10 PPB	
6 Dec 2012	2:55 pm	VB341011.D	8260 STD 20 PPB	
6 Dec 2012	3:26 pm	VB341012.D	8260 STD 50 PPB	
6 Dec 2012	3:57 pm	VB341013.D	8260 STD 100 PPB	
6 Dec 2012	4:28 pm	VB341014.D	8260 STD 200 PPB	
6 Dec 2012	4:59 pm	VB341015.D	CLEAN UP	
6 Dec 2012	5:30 pm	VB341016.D	CLEAN UP	
6 Dec 2012	6:01 pm	VB341017.D	CLEAN UP	
6 Dec 2012	6:31 pm	VB341018.D	8260 LFB 10 PPB	
6 Dec 2012	7:02 pm	VB341019.D	8260 LFB 10 PPB	
6 Dec 2012	7:33 pm	VB341020.D	CLEAN UP	
6 Dec 2012	8:04 pm	VB341021.D	BLANK	
6 Dec 2012	8:35 pm	VB341022.D	CLEAN UP	
6 Dec 2012	9:06 pm	VB341023.D	BFB	
6 Dec 2012	9:37 pm	VB341024.D	8260 STD 10 PPB	
6 Dec 2012	10:07 pm	VB341025.D	B0-BS1 @ (RCP)	
6 Dec 2012	10:38 pm	VB341026.D	CLEAN UP	
6 Dec 2012	11:09 pm	VB341027.D	B0-BLK1	
6 Dec 2012	11:40 pm	VB341028.D	12K0967-01	
7 Dec 2012	12:11 am	VB341029.D	12K0967-02	
7 Dec 2012	12:42 am	VB341030.D	12K0967-03	
7 Dec 2012	1:12 am	VB341031.D	12K0967-04	
7 Dec 2012	1:43 am	VB341032.D	12K0967-06	
7 Dec 2012	2:14 am	VB341033.D	12K0967-07	
7 Dec 2012	2:45 am	VB341034.D	12K0967-09	
7 Dec 2012	3:16 am	VB341035.D	12K0967-10	
7 Dec 2012	3:46 am	VB341036.D	12K0967-11	
7 Dec 2012	4:17 am	VB341037.D	12K0967-12	
7 Dec 2012	4:48 am	VB341038.D	12K0967-13	
7 Dec 2012	5:19 am	VB341039.D	12K0967-14	
7 Dec 2012	5:50 am	VB341040.D	12L0058-05	
7 Dec 2012	6:20 am	VB341041.D	12K0967-05 @100X	100
7 Dec 2012	6:51 am	VB341042.D	12K0967-08 @100X	100
7 Dec 2012	7:22 am	VB341043.D	12L0058-01 @100X	100
7 Dec 2012	7:53 am	VB341044.D	12L0058-02 @100X	100
7 Dec 2012	8:23 am	VB341045.D	12L0058-03 @100X	100
7 Dec 2012	8:54 am	VB341046.D	12L0058-04 @100X	100

Method Path : W:\METHODS\
 Method File : B1206W12.M
 Title : 8260 CALIBRATION VOAMS 5973
 Last Update : Tue Jul 03 12:32:45 2012
 Response Via : Initial Calibration

Calibration Files

0.4 =VB341005.D 0.5 =VB341006.D 1.0 =VB341007.D 2.0 =VB341008.D 5.0 =VB341009.D 10 =VB341014.D 20 =VB341011.D 50 =VB341012.D
 100 =VB341013.D 200 =VB341014.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...	0.778	0.775	0.781	0.771	0.764	0.765	0.751	0.742	0.733	0.703	0.756	3.24
3) T	DICHLORODIFLOU...	0.530	0.514	0.686	0.603	0.639	0.633	0.593	0.603	0.538	0.471	0.581	11.35
4) I	DIFLUOROCHLORO...	0.383	0.479	0.570	0.512	0.535	0.526	0.509	0.562	0.505	0.454	0.504	10.86
5) P	CHLOROMETHANE	0.335	0.328	0.416	0.356	0.360	0.337	0.308	0.327	0.301	0.303	0.337	10.23
6) C	VINYL CHLORIDE	0.368	0.366	0.481	0.428	0.453	0.449	0.429	0.475	0.433	0.425	0.431	8.99#
7) T	BROMOMETHANE	0.559	0.469	0.488	0.344	0.291	0.250	0.222	0.255		0.360		35.65
8) I	CHLOROETHANE	0.182	0.213	0.261	0.192	0.228	0.214	0.207	0.230	0.203	0.195	0.212	10.73
9) I	FLUORODICHLORO...	0.613	0.663	0.823	0.749	0.824	0.805	0.798	0.895	0.804	0.789	0.776	10.59
10) T	TRICHLOROFLUOR...	0.618	0.610	0.877	0.790	0.837	0.785	0.786	0.851	0.741	0.741	0.764	11.82
11) I	ETHANOL			0.004	0.003	0.003	0.003				0.003		11.35
12) T	DI ETHYL ETHER	0.292	0.313	0.318	0.322	0.322	0.321	0.315	0.366	0.325	0.337	0.323	5.86
13) I	ACROLEIN	0.067	0.060	0.069	0.062	0.066	0.065	0.063	0.072	0.063	0.062	0.065	5.72
14) T	ACETONE	0.124	0.110	0.109	0.103	0.101	0.104	0.095	0.112	0.097	0.098	0.105	8.39
15) C	1,1-DICHLOROET...	0.531	0.499	0.662	0.618	0.668	0.631	0.620	0.683	0.596	0.598	0.611	9.59#
16) I	1,1,2-TRICL-1,...	0.260	0.245	0.343	0.307	0.344	0.336	0.331	0.364	0.326	0.327	0.318	11.88
17) I	IODOMETHANE	0.155	0.188	0.278	0.310	0.447	0.485	0.551	0.613	0.555	0.491	0.407	39.91
18) I	METHYL ACETATE	0.251	0.242	0.265	0.279	0.242	0.313	0.251	0.285	0.282	0.273	0.268	8.39
19) I	T-BUTYL ALCOHOL	0.045	0.041	0.045	0.041	0.040	0.045	0.040	0.053	0.048	0.051	0.045	10.35
20) I	ACRYLONITRILE	0.104	0.119	0.110	0.149	0.123	0.150	0.140	0.146	0.141	0.130	0.131	12.67
21) T	METHYLENE CHLO...			0.636	0.503	0.534	0.506	0.457	0.462	0.410	0.501		14.37
22) I	CARBON DISULFIDE	0.739	1.031	0.958	1.120	1.110	1.091	1.087	0.896		1.004		13.26
23) T	METHYL TERT-BU...	1.328	1.226	1.282	1.244	1.292	1.349	1.281	1.451	1.340	1.314	1.311	4.82
24) T	TRANS 1,2-DICH...	0.497	0.539	0.641	0.622	0.629	0.663	0.623	0.648	0.595	0.573	0.603	8.68
25) P	1,1-DICHLOROET...	0.682	0.654	0.794	0.754	0.783	0.783	0.759	0.811	0.744	0.744	0.751	6.59
26) I	VINYL ACETATE	0.724	0.720	0.764	0.771	0.785	0.821	0.750	0.764	0.651	0.533	0.728	11.28
27) I	DI ISOPROPYL E...	0.980	0.881	1.089	0.992	0.999	1.022	0.966	1.018	0.909	0.813	0.967	8.21
28) T	2-BUTANONE	0.167	0.146	0.149	0.147	0.138	0.159	0.141	0.160	0.145	0.133	0.149	7.10
29) I	T-BUTYL ETHYL ...	1.207	1.169	1.295	1.254	1.277	1.334	1.304	1.435	1.369	1.333	1.298	5.95
30) T	CIS-1,2-DICHL...	0.574	0.629	0.638	0.698	0.727	0.749	0.717	0.751	0.703	0.665	0.685	8.40
31) I	2,2-DICHLOROPR...	0.438	0.454	0.532	0.557	0.581	0.615	0.612	0.673	0.649	0.633	0.574	13.86
32) I	ETHYL ACETATE	0.316	0.361	0.345	0.316	0.313	0.339	0.299	0.361	0.342	0.334	0.333	6.28
33) I	BROMOCHLOROMET...	0.189	0.182	0.215	0.188	0.225	0.216	0.212	0.221	0.199	0.177	0.202	8.63
34) T	TETRAHYDROFURAN			0.059	0.068	0.062	0.081	0.069	0.089	0.082	0.080	0.074	14.54
35) C	CHLOROFORM	0.724	0.779	0.867	0.835	0.876	0.911	0.884	0.938	0.879	0.841	0.853	7.37#
36) T	1,1,1-TRICHLOR...	0.617	0.705	0.717	0.775	0.806	0.813	0.893	0.846	0.833	0.779		10.90
37) I	CYCLOHEXANE				0.584	0.528	0.494	0.515	0.478	0.466	0.511		8.33
38) T	CARBON TETRACH...		0.566	0.534	0.605	0.639	0.644	0.730	0.710	0.691	0.640		10.81
39) I	1,1-DICHLOROPR...	0.444	0.504	0.564	0.549	0.603	0.601	0.587	0.631	0.600	0.575	0.566	9.79
40) T	BENZENE	1.234	1.449	1.568	1.499	1.586	1.614	1.526	1.624	1.535	1.486	1.512	7.46
41) I	T-AMYL METHYL E...	0.982	1.022	1.063	1.052	1.100	1.165	1.135	1.277	1.248	1.215	1.126	8.83

Method Path : W:\METHODS\
 Method File : B1206W12.M
 Title : 8260 CALIBRATION VOAMS 5973

42)	I	1, 4-DIFLOUROBENZEN...	-----ISTD-----											
43)	S	TOLUENE-D8 SS	1.241	1.242	1.237	1.260	1.256	1.249	1.244	1.280	1.267	1.252	1.253	1.06
44)	T	1, 2-DICHLOROET...	0.562	0.530	0.571	0.581	0.594	0.610	0.572	0.596	0.550	0.520	0.569	5.06
45)	T	TRICHLOROETHENE	0.235	0.259	0.315	0.318	0.321	0.322	0.312	0.332	0.307	0.299	0.302	10.18
46)		METHYLCYCLOHEXANE		0.157	0.233	0.243	0.255	0.261	0.257	0.279	0.266	0.267	0.247	14.64
47)	C	1, 2-DICHLOROPR...	0.212	0.251	0.245	0.243	0.282	0.278	0.267	0.283	0.266	0.258	0.259	8.48#
48)	T	DIBROMOMETHANE	0.178	0.190	0.177	0.196	0.202	0.208	0.202	0.216	0.204	0.195	0.197	6.38
49)		1, 4-DIOXANE				0.003	0.003	0.004	0.003	0.004	0.004	0.004	0.003	12.16
50)	T	BROMODICHLOROM...		0.359	0.369	0.361	0.417	0.460	0.458	0.512	0.490	0.479	0.434	13.61
51)		2-CHLOROETHYLV...	0.187	0.181	0.188	0.208	0.207	0.225	0.206	0.216	0.187	0.160	0.196	9.80
52)	T	MIBK	0.200	0.193	0.203	0.214	0.203	0.232	0.204	0.226	0.193	0.164	0.203	9.30
53)	T	CIS-1, 3-DICHL...	0.279	0.317	0.336	0.371	0.407	0.470	0.465	0.517	0.510	0.496	0.417	20.82
54)	C	TOLUENE	1.006	1.064	1.174	1.153	1.211	1.220	1.197	1.272	1.192	1.122	1.161	6.79#
55)	T	TRANS-1, 3, -DIC...	0.259	0.267	0.249	0.310	0.359	0.414	0.419	0.496	0.486	0.484	0.374	26.35
56)		ETHYL METHACRY...			0.157	0.159	0.172	0.203	0.194	0.233	0.218	0.212	0.194	14.60
57)	T	1, 1, 2-TRICHLOR...	0.276	0.269	0.286	0.271	0.276	0.288	0.273	0.294	0.278	0.271	0.278	2.97
58)		2-HEXANONE	0.116	0.111	0.120	0.137	0.134	0.158	0.143	0.166	0.146	0.129	0.136	13.09
59)	T	TETRACHLOROETHENE	0.153	0.171	0.235	0.213	0.218	0.231	0.221	0.234	0.226	0.222	0.212	12.98
60)		1, 3-DICHLOROPR...	0.436	0.423	0.471	0.487	0.485	0.500	0.484	0.519	0.492	0.473	0.477	5.98
61)	T	DIBROMOCHLOROM...	0.203	0.196	0.197	0.241	0.273	0.305	0.319	0.377	0.373	0.375	0.286	26.16
62)	T	1, 2-DIBROMOETHANE	0.215	0.236	0.245	0.277	0.295	0.307	0.300	0.323	0.308	0.303	0.281	12.87
63)	I	CHLOROBENZENE-D5	ISTD -----ISTD-----											
64)	S	4-BROMOFLUROBE...	0.881	0.876	0.884	0.900	0.899	0.912	0.919	0.935	0.942	0.957	0.910	3.04
65)	P	CHLOROBENZENE	1.305	1.276	1.429	1.345	1.378	1.399	1.388	1.452	1.377	1.344	1.369	3.91
66)	T	1, 1, 1, 2-TETRAC...		0.377	0.387	0.418	0.440	0.482	0.504	0.549	0.531	0.536	0.470	14.04
67)	C	ETHYLBENZENE	1.747	1.961	2.239	2.178	2.306	2.376	2.415	2.517	2.346	2.220	2.231	10.19#
68)	T	M/P-XYLENES	1.425	1.539	1.771	1.797	1.934	2.003	1.981	2.031	1.856	1.696	1.803	11.23
69)	T	0-XYLENE	1.499	1.650	1.875	1.847	2.030	2.110	2.102	2.197	2.050	1.942	1.930	11.35
70)	T	STYRENE		1.010	1.245	1.284	1.420	1.487	1.514	1.608	1.516	1.478	1.396	13.25
71)	P	BROMOFORM	0.138	0.146	0.184	0.187	0.210	0.261	0.280	0.362	0.370	0.401	0.254	37.99
72)	T	ISOPROPYLBENZENE	1.429	1.535	1.990	1.920	2.095	2.213	2.213	2.319	2.191	2.118	2.002	14.90
73)		CIS-1, 4-DICHL...	0.083	0.046	0.099	0.108	0.110	0.157	0.149	0.202	0.206	0.207	0.137	41.32
74)	P	1, 1, 2, 2-TETRAC...	0.515	0.529	0.489	0.524	0.524	0.599	0.545	0.617	0.586	0.603	0.553	7.97
75)		1, 4-DICHLORO-2...			0.092	0.098	0.108	0.148	0.147	0.201	0.204	0.211	0.151	32.65
76)		BROMOBENZENE	0.823	0.780	0.909	0.919	0.948	0.968	0.959	1.004	0.960	0.943	0.921	7.50
77)	T	1, 2, 3-TRICHLOR...	0.169	0.164	0.191	0.194	0.193	0.220	0.207	0.230	0.216	0.223	0.201	11.26
78)	T	N-PROPYLBENZENE		1.703	2.107	2.097	2.228	2.398	2.412	2.547	2.387	2.288	2.241	11.15
79)	T	2-CHLOROTOLUENE	1.503	1.389	1.687	1.549	1.735	1.748	1.738	1.822	1.706	1.677	1.656	8.03
80)	T	1, 3, 5-TRIMETHY...		1.290	1.714	1.671	1.881	1.946	1.980	2.093	1.954	1.865	1.821	13.08
81)		4-CHLOROTOLUENE	1.466	1.563	1.936	1.859	2.025	2.086	2.076	2.158	2.025	1.928	1.912	11.92
82)	I	1, 4-DICHLOROBENZEN...	-----ISTD-----											
83)	T	TERT-BUTYLBENZENE	1.411	1.383	1.790	1.754	1.894	1.815	1.837	1.853	1.738	1.687	1.716	10.40
84)	T	1, 2, 4-TRIMETHY...	1.799	1.967	2.264	2.351	2.581	2.576	2.551	2.580	2.414	2.249	2.333	11.67
85)		SEC-BUTYLBENZENE	1.733	1.787	2.120	2.158	2.397	2.377	2.429	2.415	2.270	2.189	2.187	11.49
86)	T	1, 3-DICHLOROB...	0.915	1.044	1.140	1.107	1.223	1.237	1.244	1.257	1.212	1.204	1.158	9.44
87)	T	P-ISOPROPYLTOL...		1.283	1.728	1.667	1.901	1.954	1.974	1.990	1.888	1.830	1.802	12.39
88)	T	1, 4-DICHLOROB...	1.181	1.157	1.271	1.166	1.251	1.239	1.223	1.258	1.203	1.192	1.214	3.30
89)	T	N-BUTYLBENZENE	0.610	0.722	0.894	1.081	1.343	1.592	1.680	1.744	1.670	1.604	1.294	33.40

Method Path : W:\METHODS\

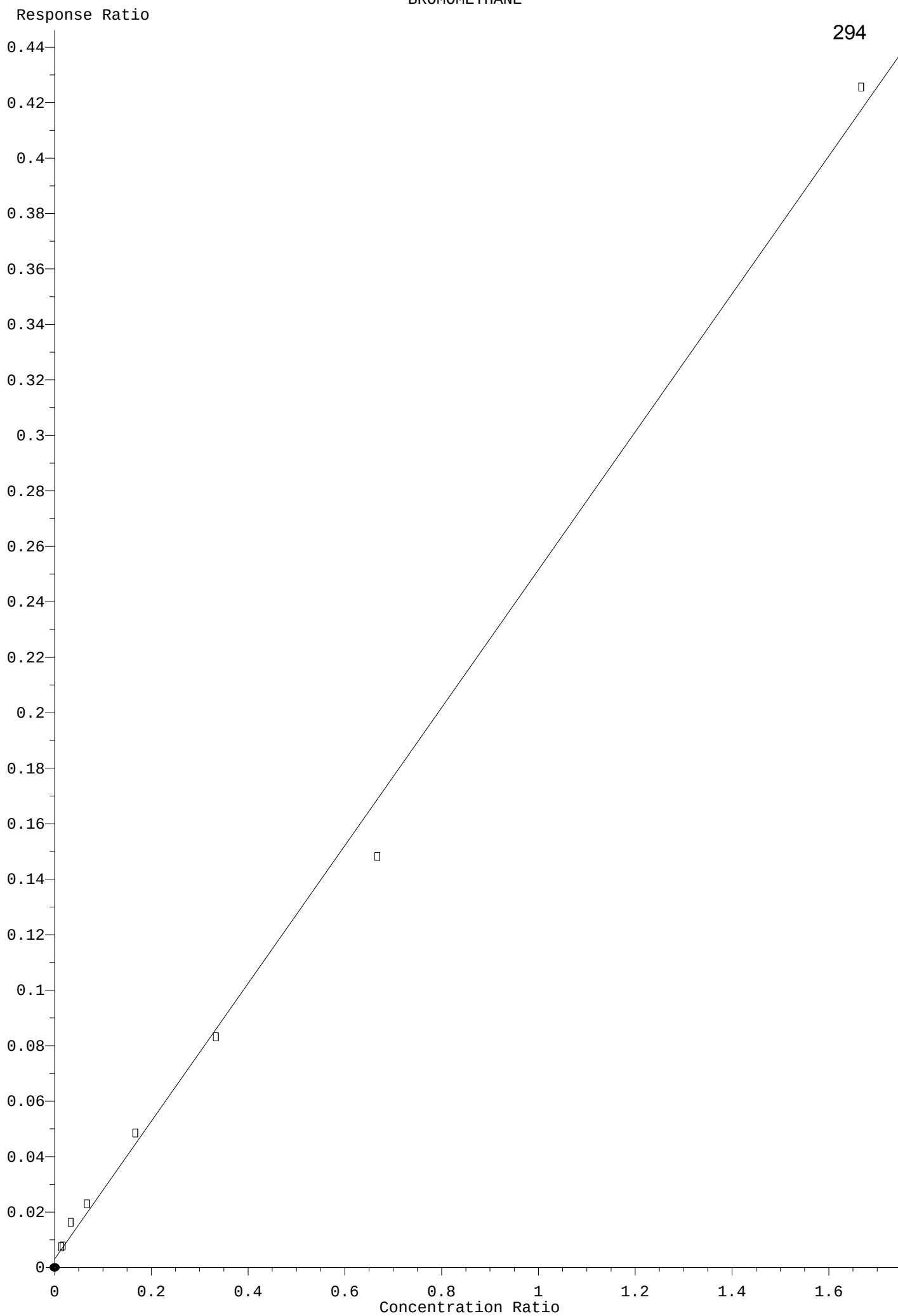
Method File : B1206W12.M

Title : 8260 CALIBRATION VOAMS 5973

90) T	1,2-DICHLOROBEN...	0.959	0.990	1.074	1.075	1.194	1.243	1.213	1.260	1.200	1.181	1.139	9.38
91)	1,2-DIBROMO-3-...			0.018	0.048	0.057	0.095	0.091	0.128	0.125	0.127	0.086	47.81
92)	1,3,5-TRICHLOR...	0.044	0.158	0.268		0.388	0.525	0.578	0.691	0.670	0.667	0.443	54.19
93) T	1,2,4-TRICHLOR...					0.052	0.183	0.229	0.407	0.427	0.445	0.290	55.10
94) T	HEXACHLOROBUTA...	0.061	0.180	0.166	0.180	0.228	0.279	0.287	0.301	0.290	0.289	0.226	34.65
95) T	NAPHTHALENE					0.044	0.232	0.306	0.731	0.805	0.829	0.491	68.85
96)	1,2,3-TRICHLOR...					0.015	0.097	0.107	0.223	0.230	0.238	0.152	60.49

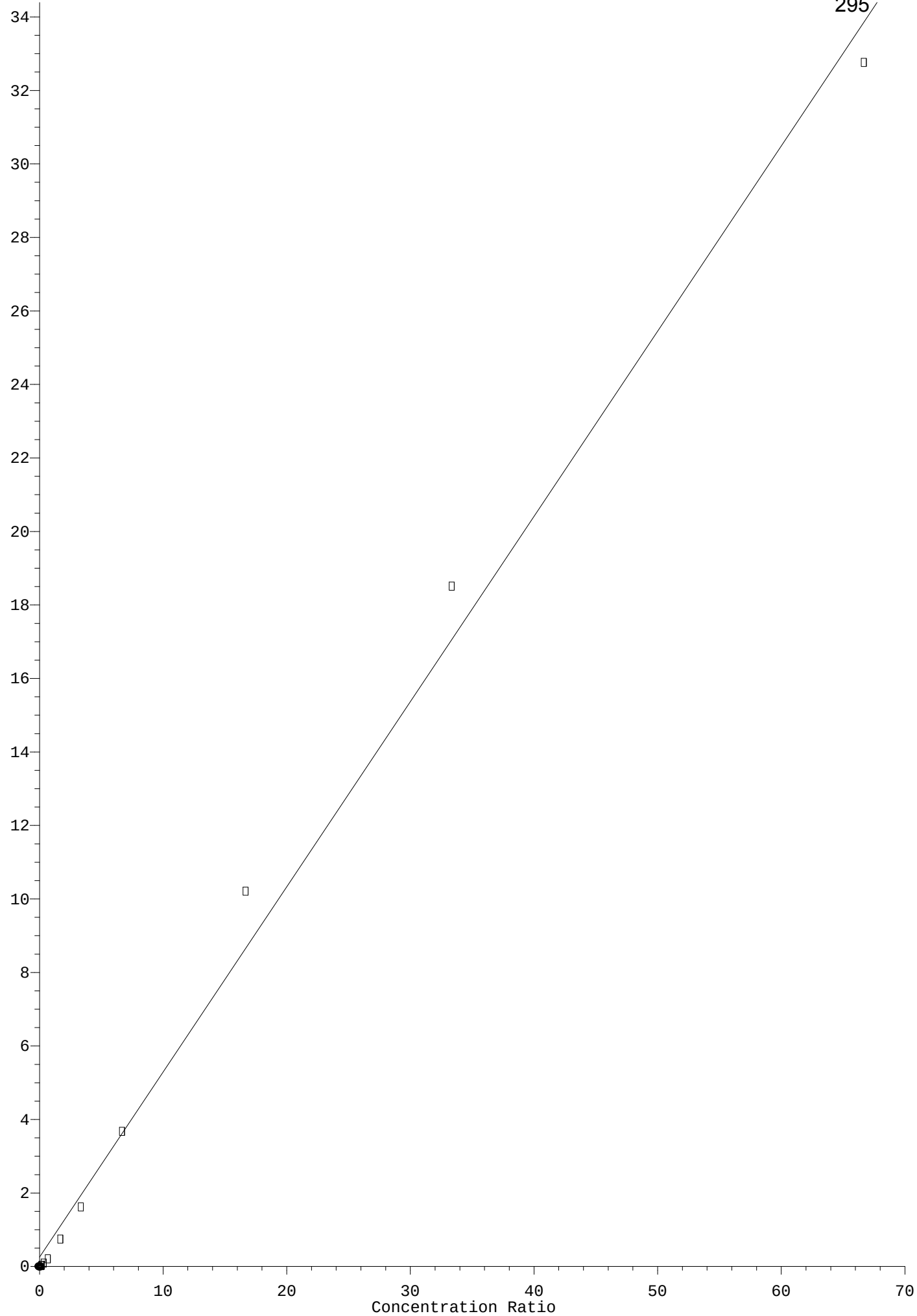
(#) = Out of Range

BROMOMETHANE

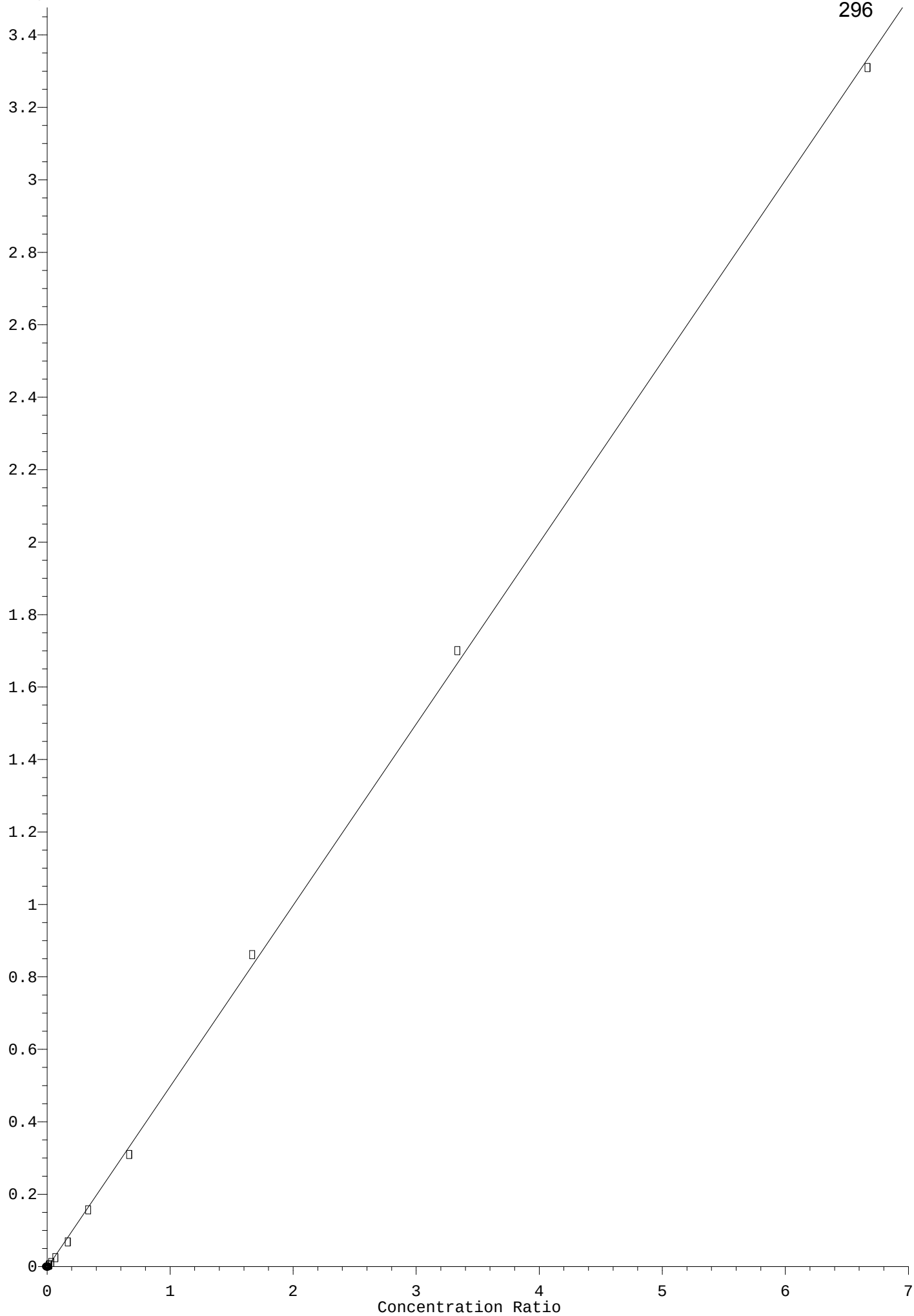


IODOMETHANE

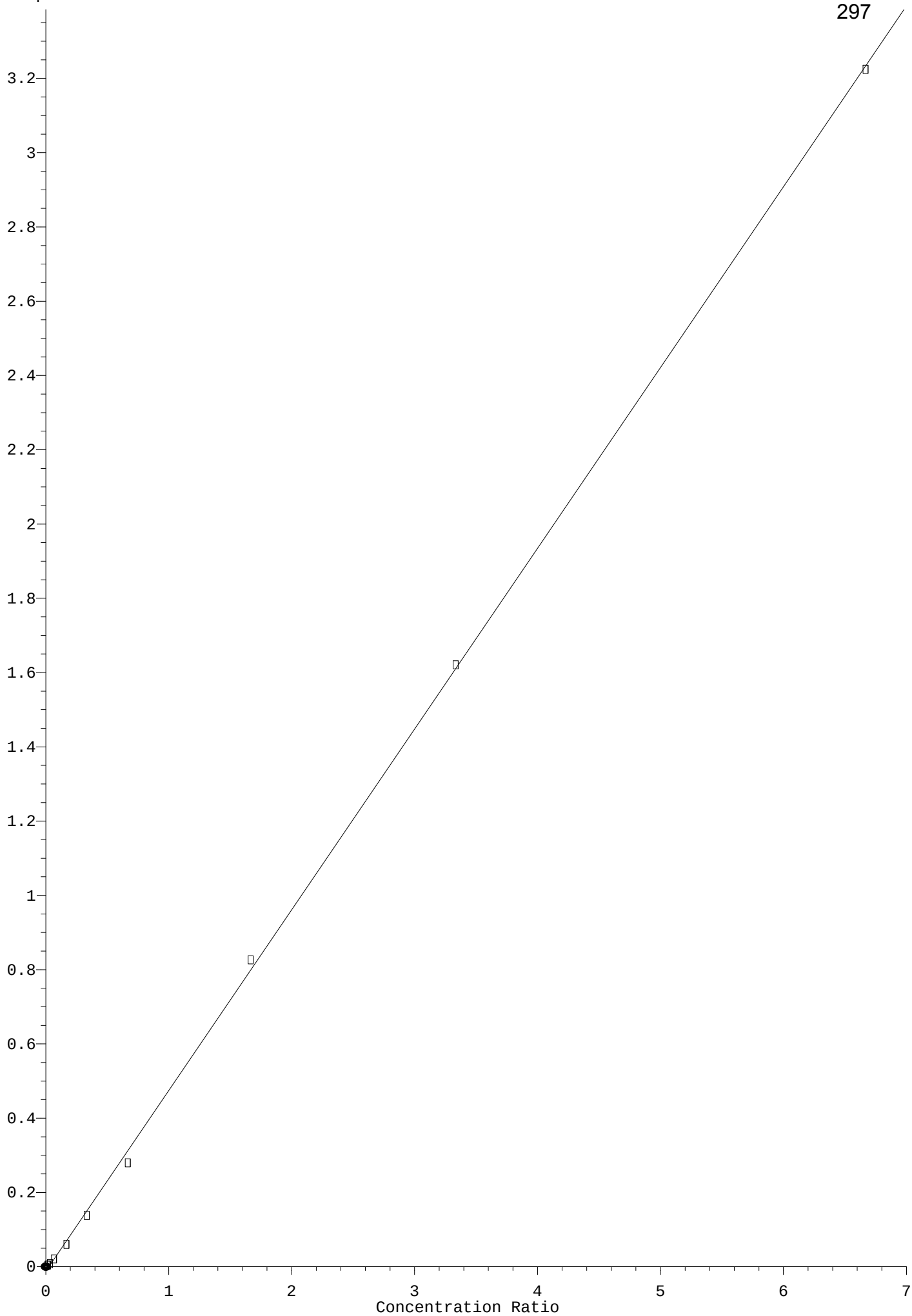
Response Ratio



Response Ratio

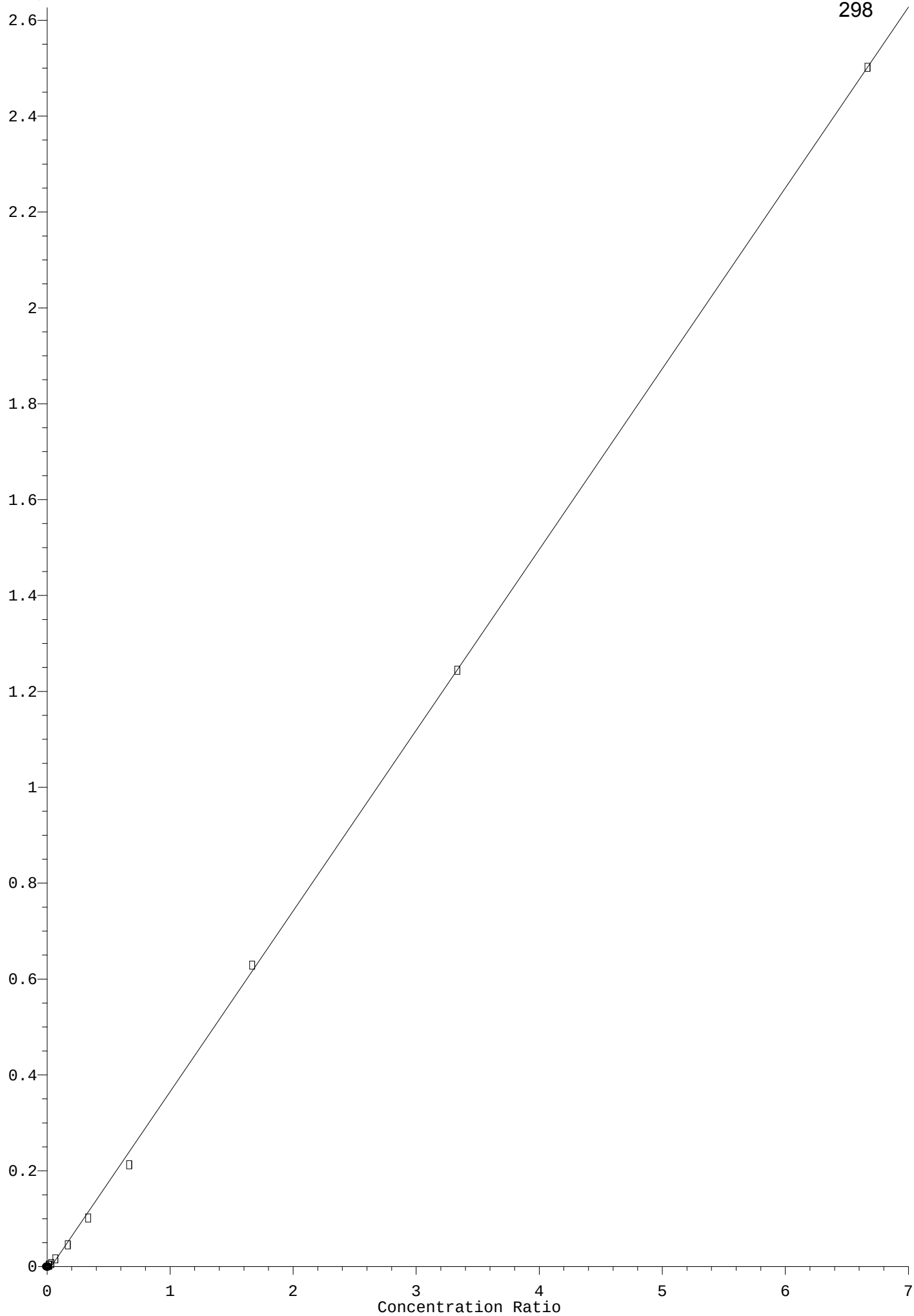


Response Ratio



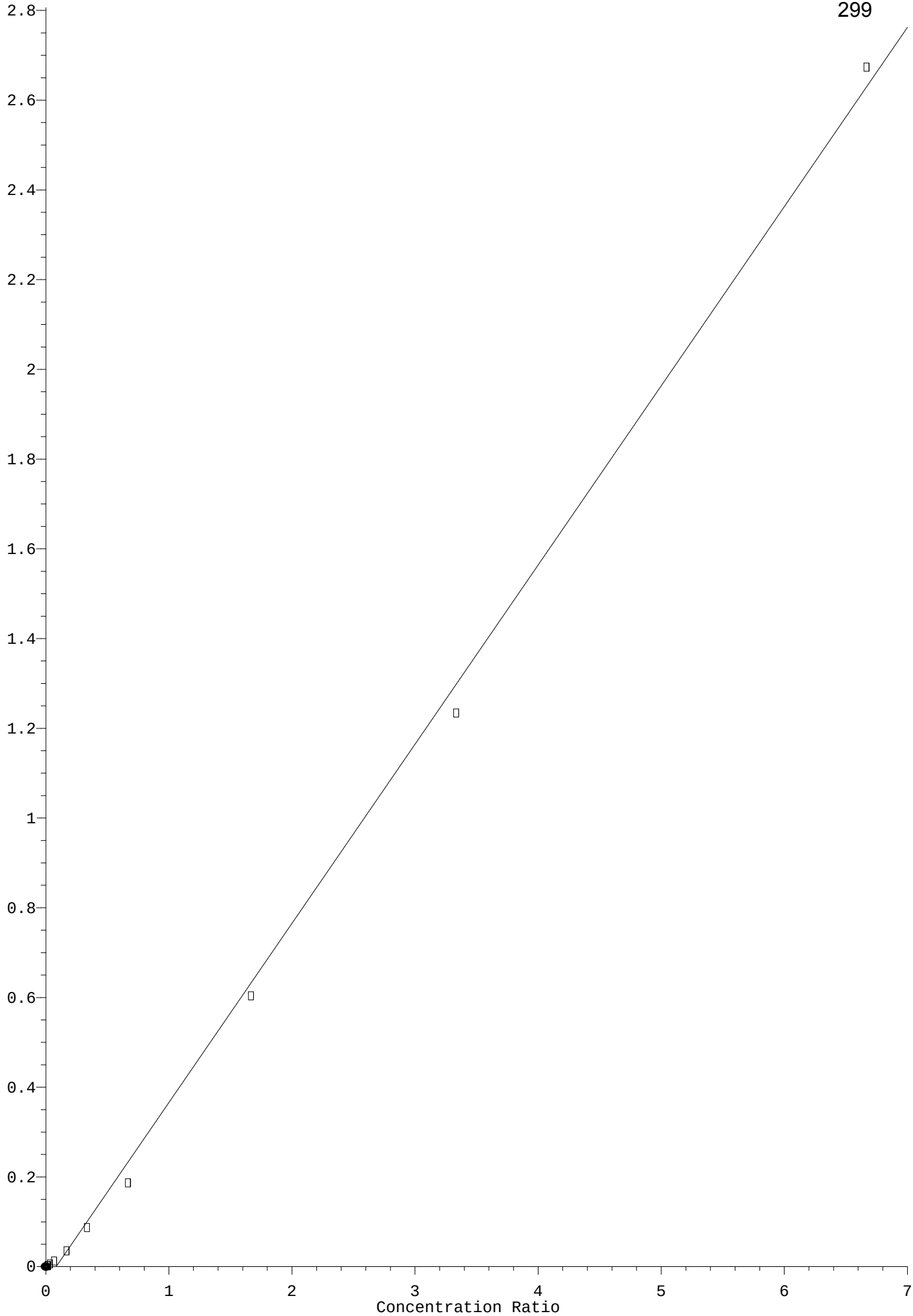
DIBROMOCHLOROMETHANE

Response Ratio

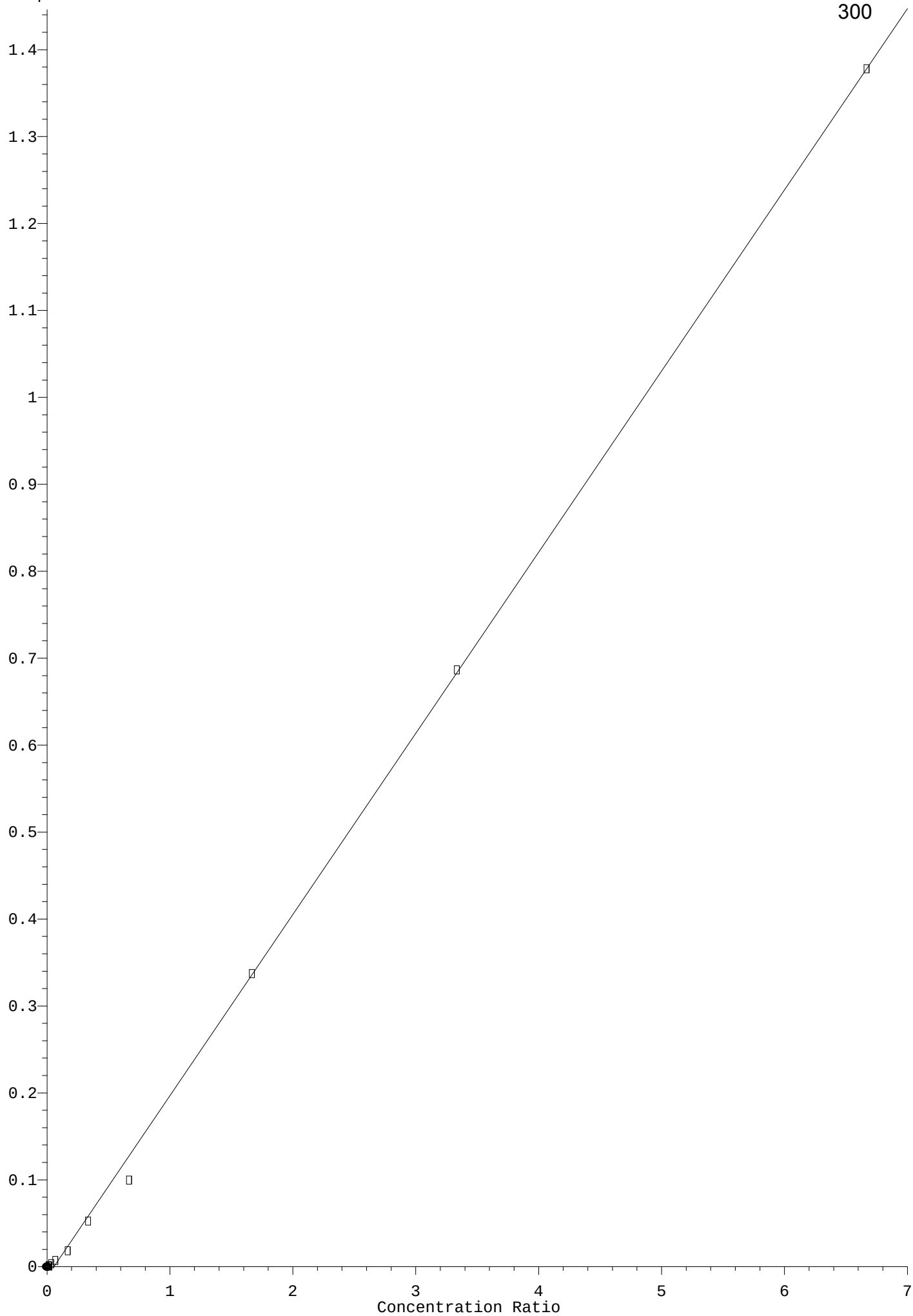


BROMOFORM

Response Ratio

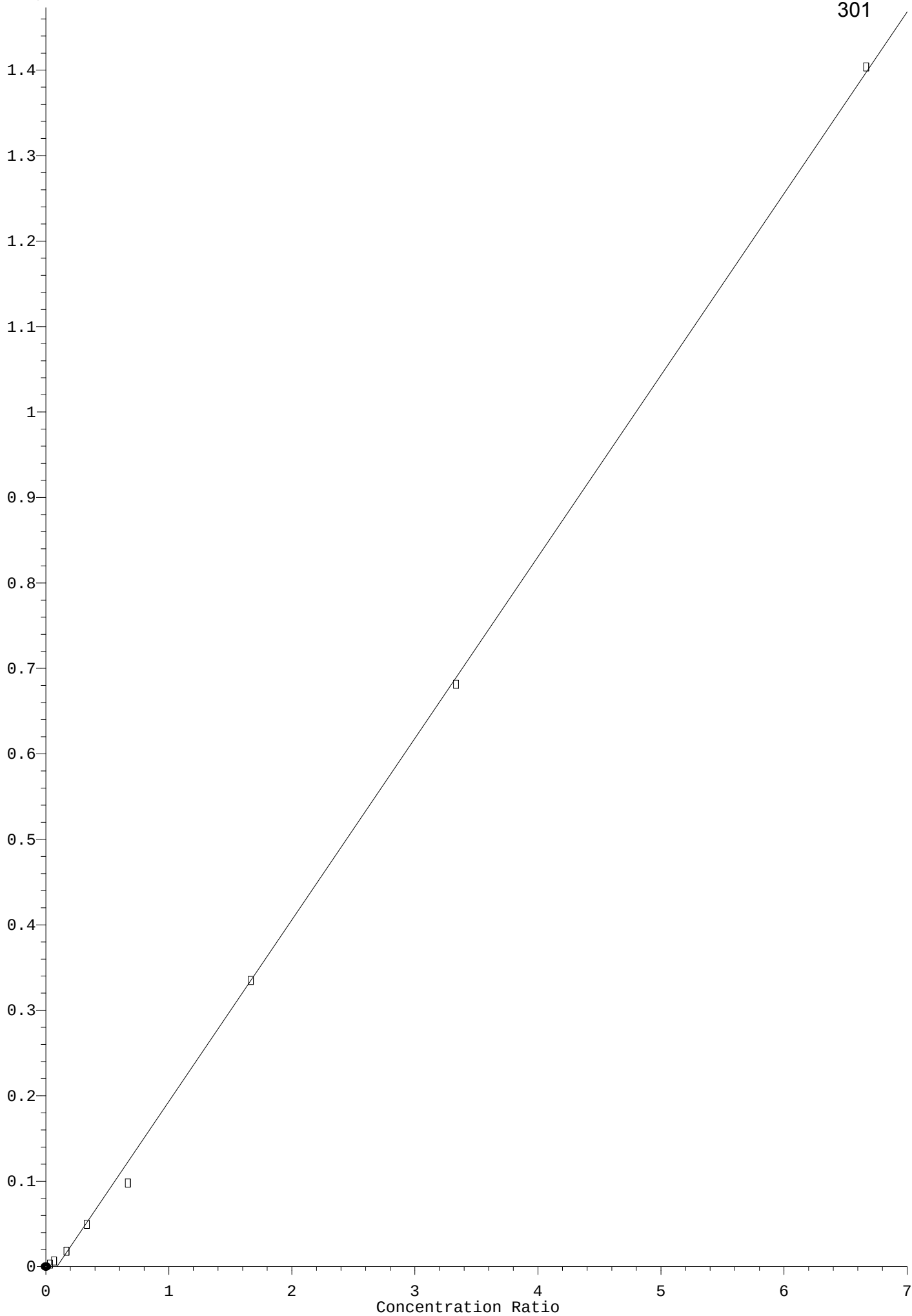


Response Ratio

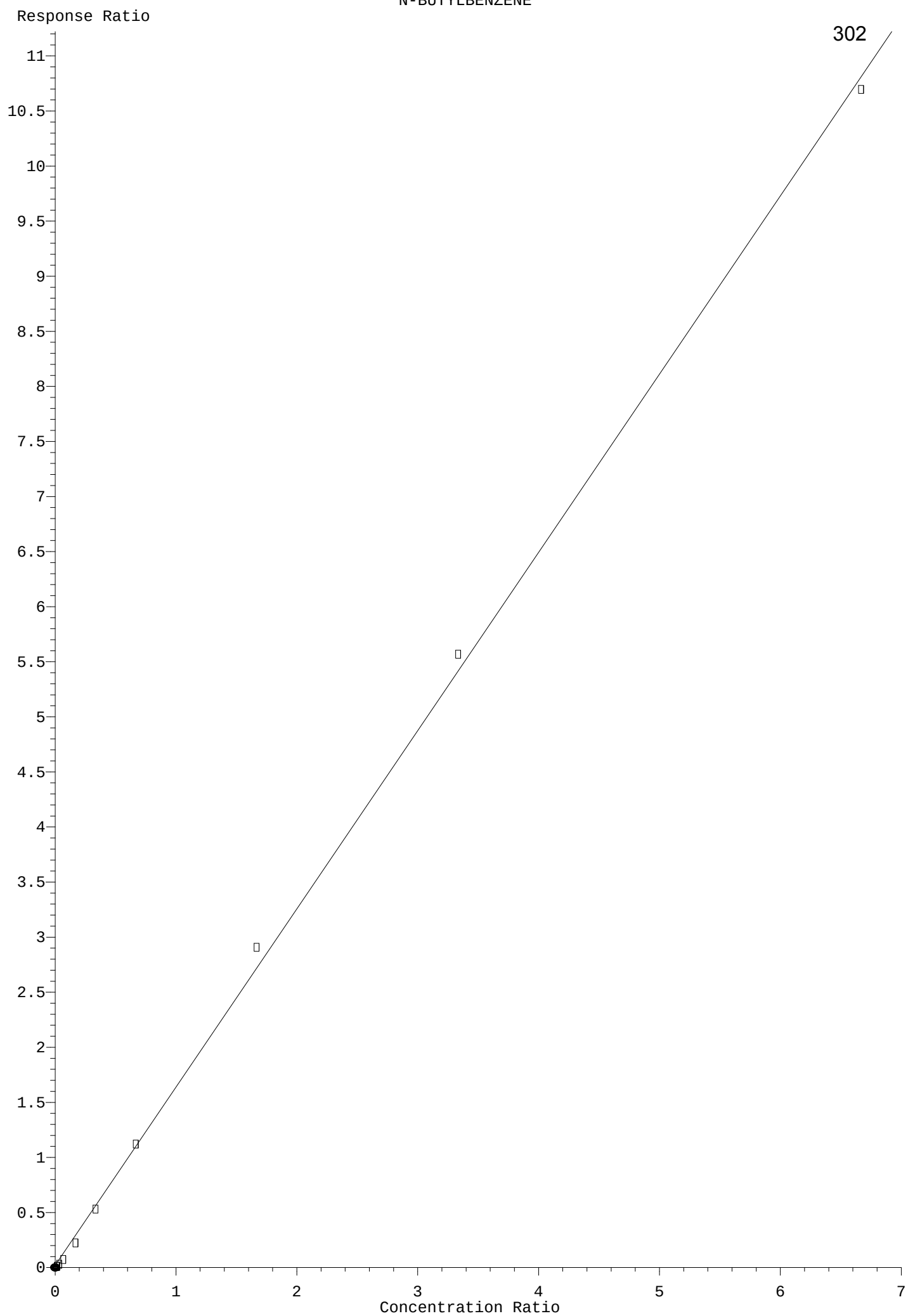


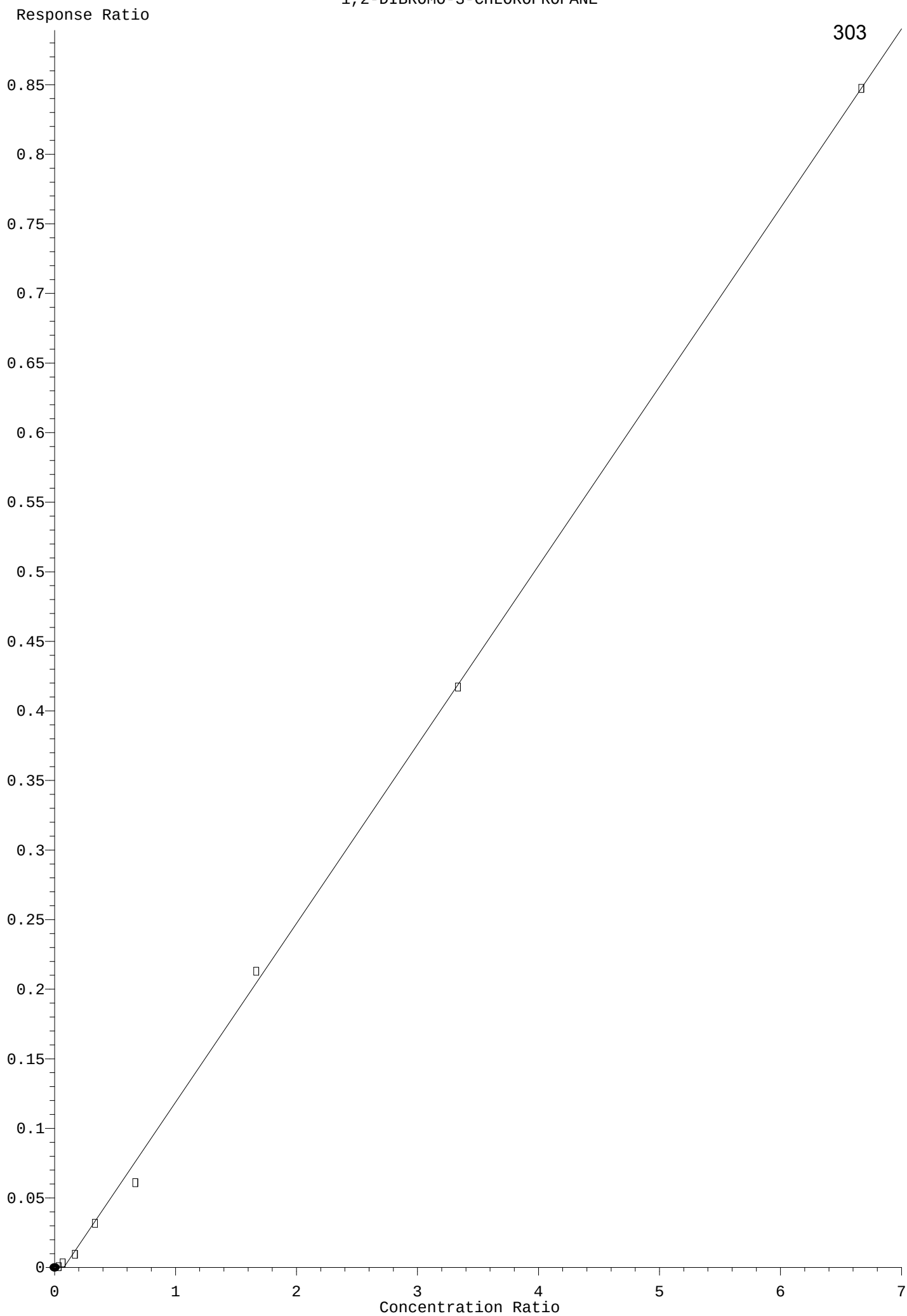
1,4-DICHLORO-2-BUTENE(TRANS)

Response Ratio



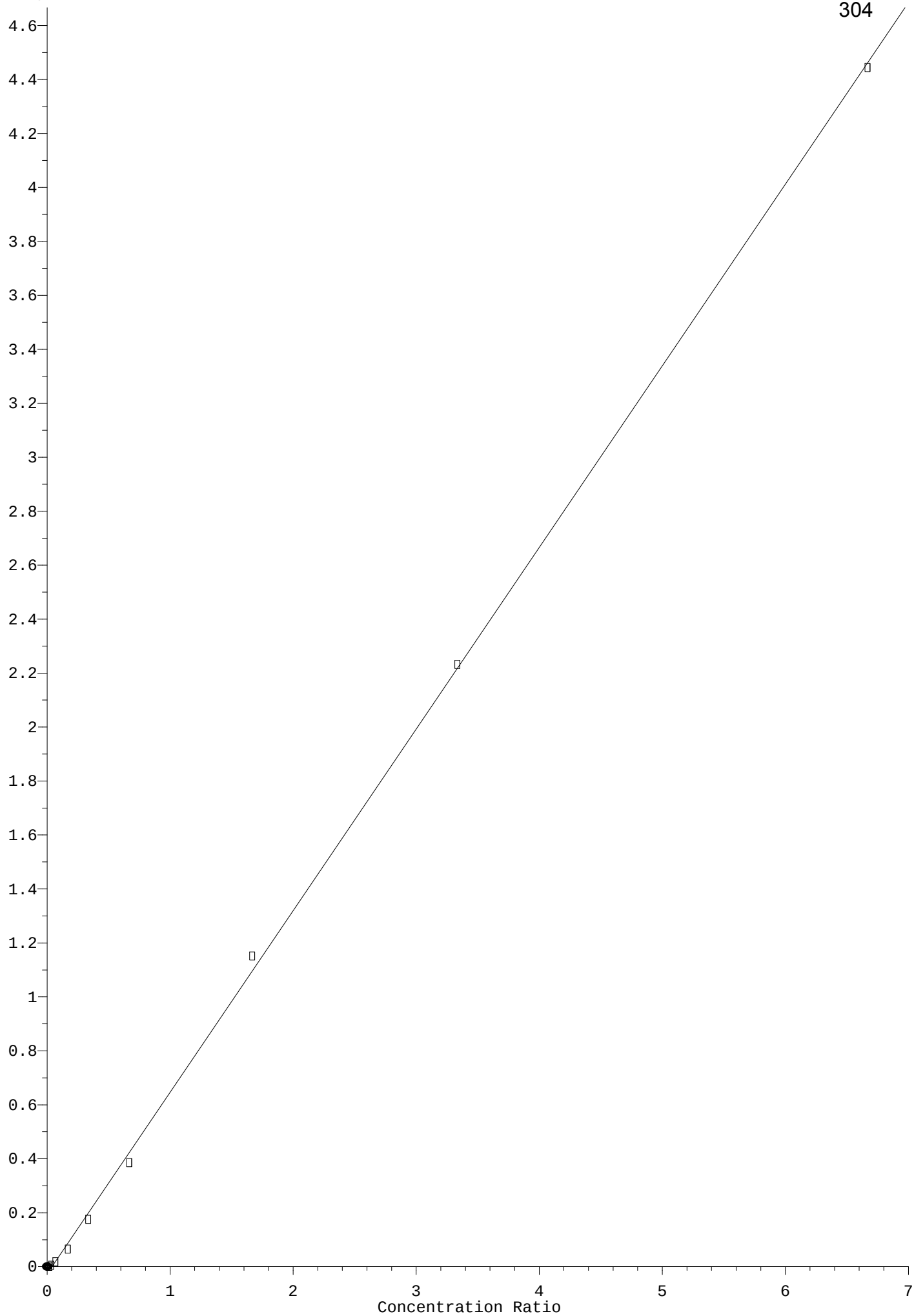
N-BUTYLBENZENE





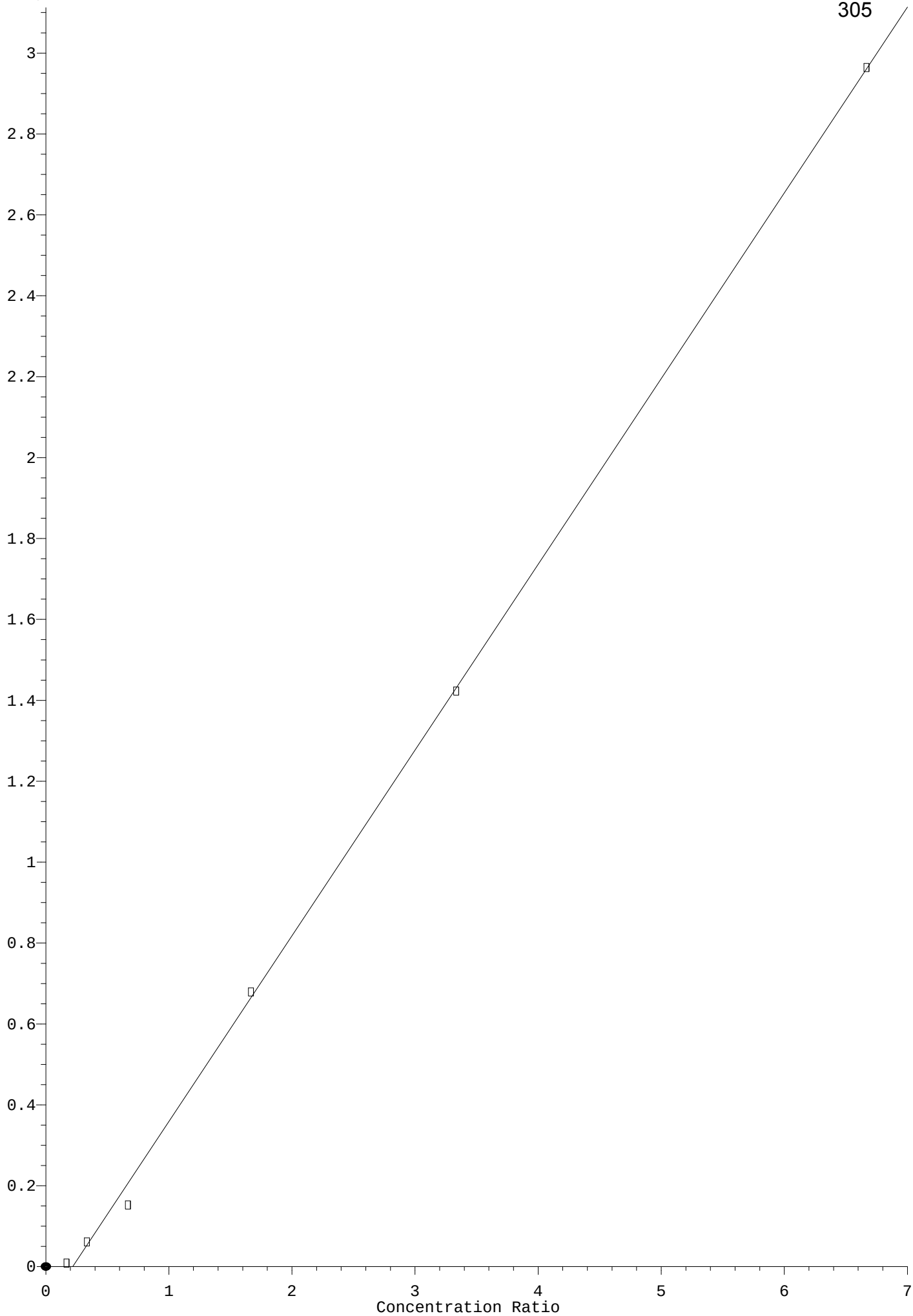
1,3,5-TRICHLOROBENZENE

Response Ratio



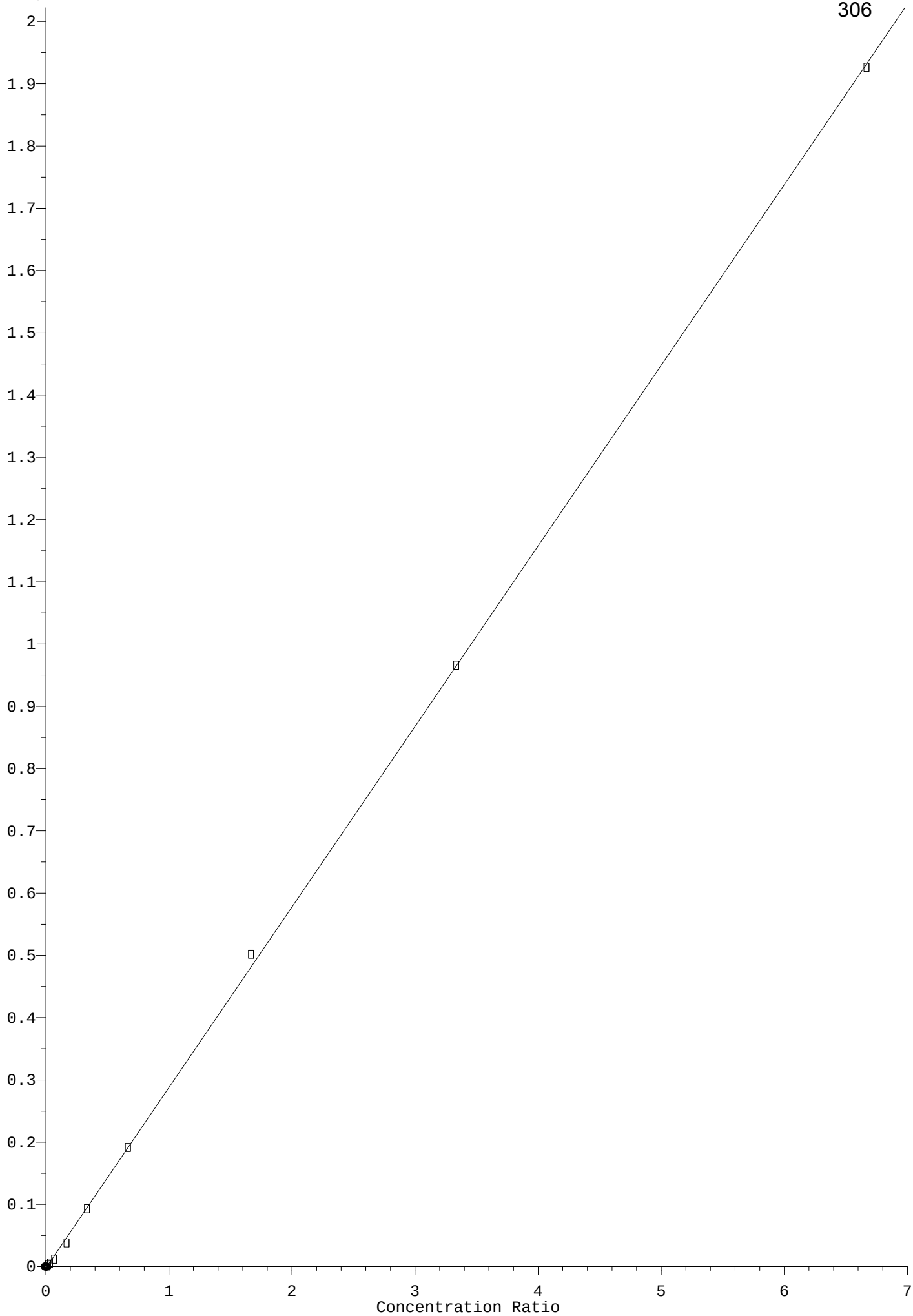
1, 2, 4-TRICHLOROBENZENE

Response Ratio



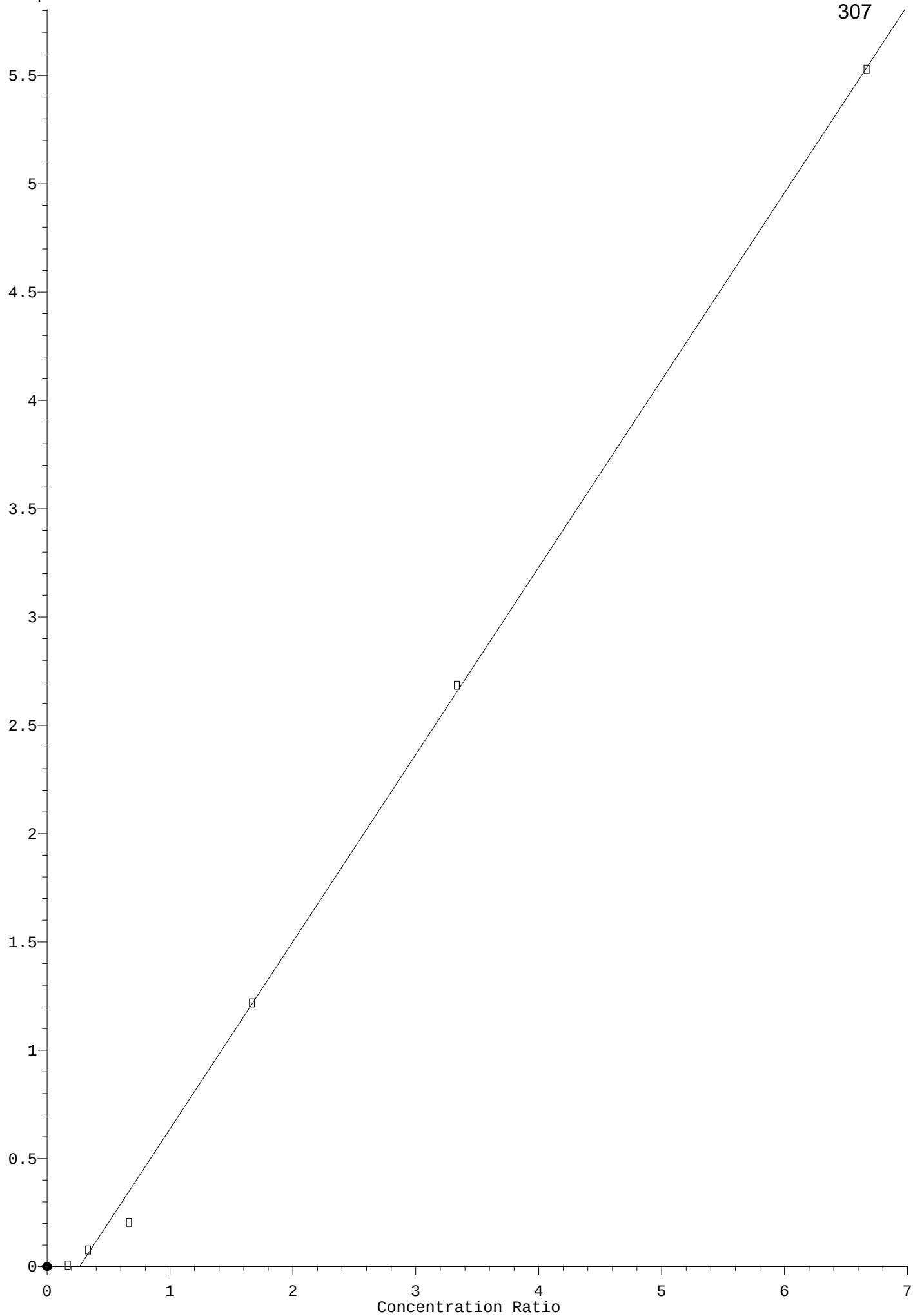
HEXACHLOROBUTADIENE

Response Ratio

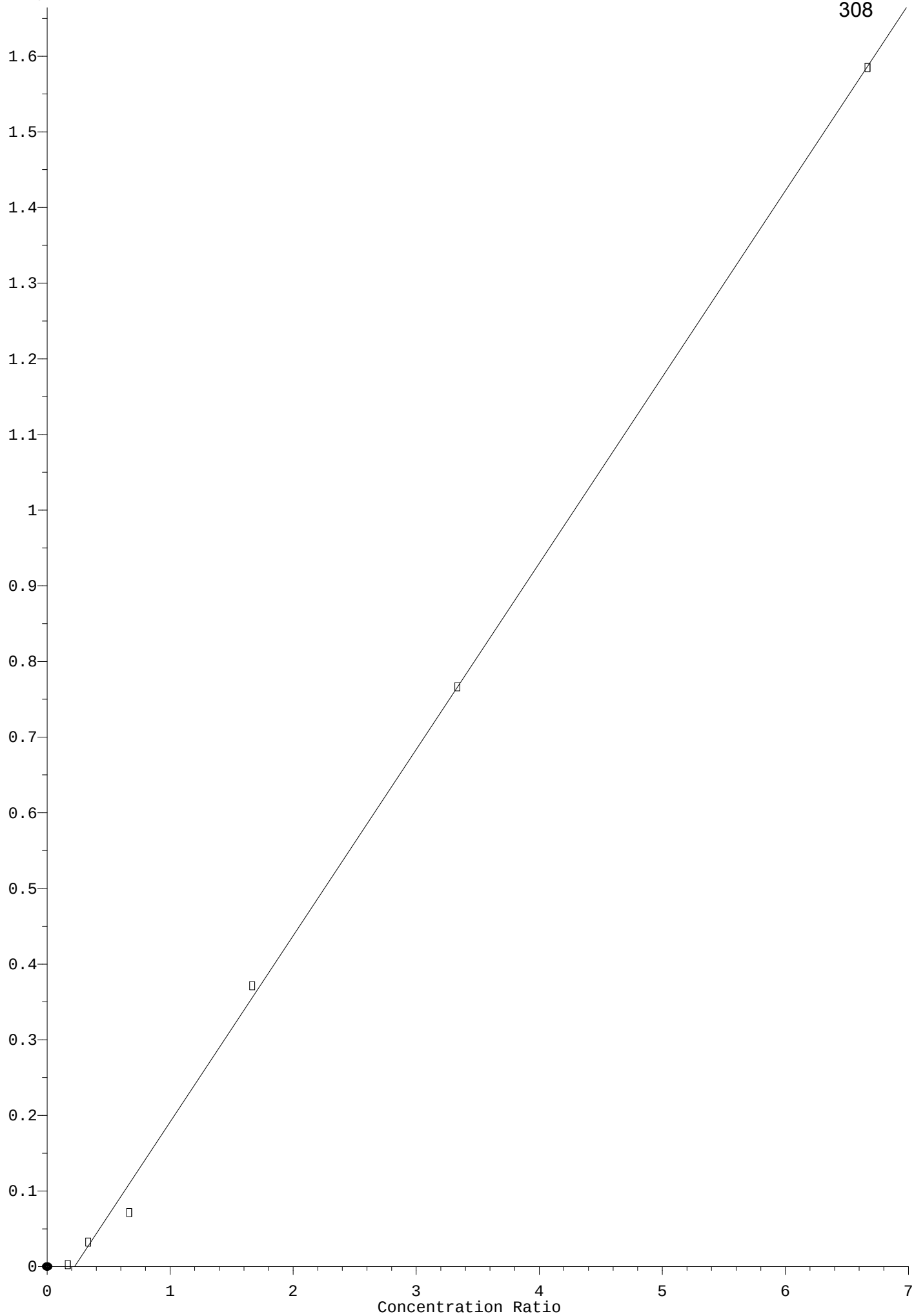


NAPHTHALENE

Response Ratio



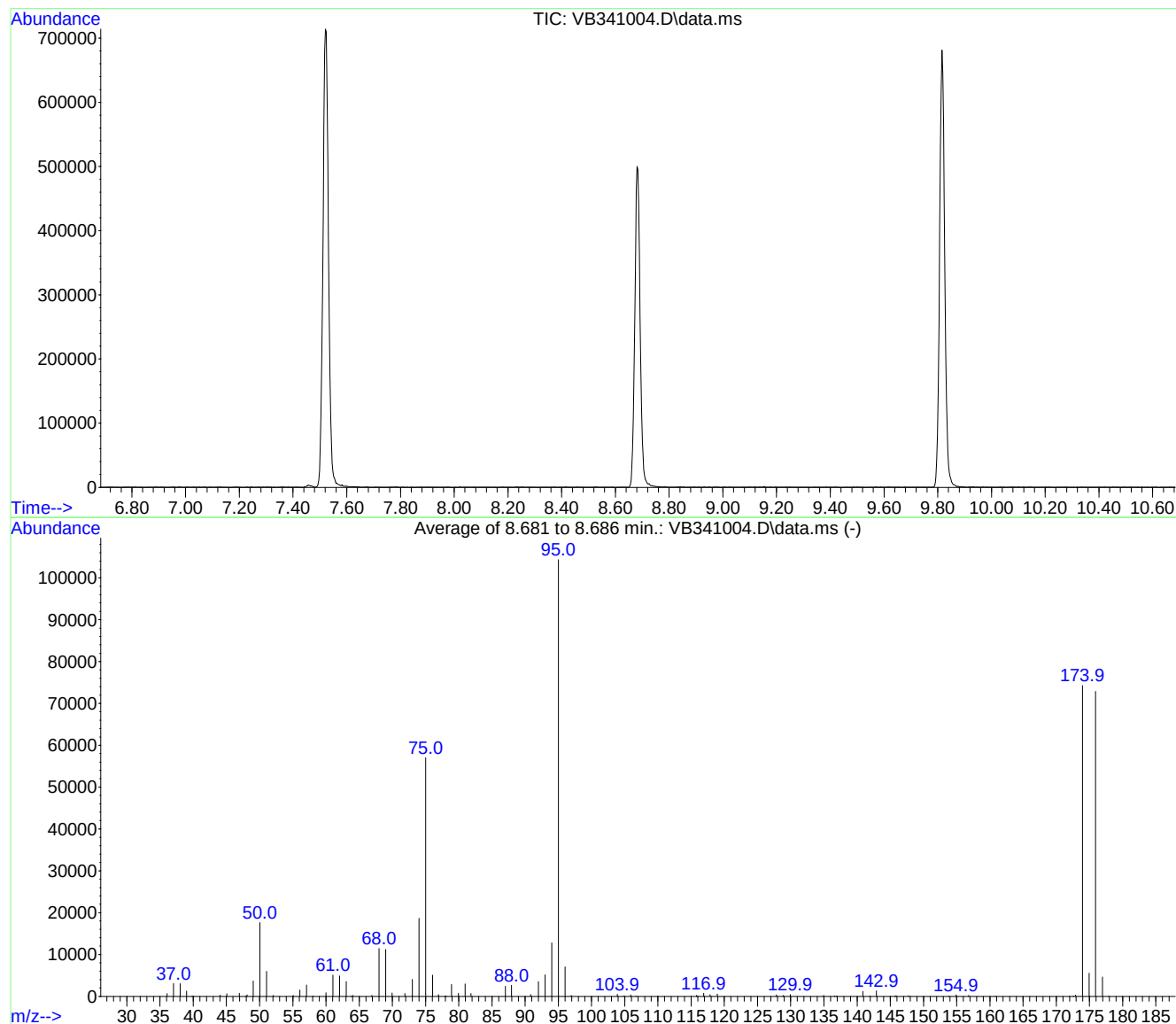
Response Ratio



Data Path : W:\DATA\120612\
 Data File : VB341004.D
 Acq On : 6 Dec 2012 11:19 am
 Operator :
 Sample : BFB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: 8260LOW.P

Method : W:\METHODS\B1206W12.M
 Title : 8260 CALIBRATION VOAMS 5973
 Last Update : Tue Jul 03 12:32:45 2012



AutoFind: Scans 2766, 2767, 2768; Background Corrected with Scan 2752

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	16.9	17600	PASS
75	95	30	60	54.6	56984	PASS
95	95	100	100	100.0	104320	PASS
96	95	5	9	6.8	7043	PASS
173	174	0.00	2	0.4	312	PASS
174	95	50	100	71.2	74275	PASS
175	174	5	9	7.4	5527	PASS
176	174	95	101	98.1	72859	PASS
177	176	5	9	6.4	4636	PASS

Data File : W:\DATA\120612\VB341005.D

Acq On : 6 Dec 2012 11:50 am

Sample : 8260 STD 0.4 PPB

InstName : GCMSVOA2

Misc :

Quant Time: Dec 06 16:26:16 2012

Vial: 5

Operator:

Inst : GCMSVOA2

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\B1108W12.M

Quant Title : 8260 CALIBRATION VOAMS 5973

QLast Update : Thu Nov 29 07:39:26 2012

Response via : Initial Calibration

DataAcq Meth:B1108W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.959	168	227662	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	341842	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.523	82	204175	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.815	152	138173	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	147607	31.43	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	125.72%	
43) TOLUENE-D8 SS	6.121	98	353588	26.69	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	106.76%	
64) 4-BROMOFLUROBENZENE SS	8.683	95	149875	25.01	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	100.04%	
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	1.028	85	1610	0.369	UG/L	98
4) DIFLUOROCHLOROMETHANE	1.037	51	1163	0.280	UG/L	# 79
5) CHLOROMETHANE	1.132	50	1017	0.280	UG/L	# 41
6) VINYL CHLORIDE	1.190	62	1117	0.312	UG/L	# 43
7) BROMOMETHANE	1.377	94	1698	0.967	UG/L	# 72
8) CHLOROETHANE	1.433	64	551	0.344	UG/L	# 66
9) FLUORODICHLOROMETHANE	1.533	67	1861	0.375	UG/L	# 78
10) TRICHLOROFLUOROMETHANE	1.575	101	1876	0.391	UG/L	98
11) ETHANOL	0.000		0	N.D.	d	
12) DI ETHYL ETHER	1.742	59	886	0.379	UG/L	# 50
13) ACROLEIN	1.823	56	2047	8.165	UG/L	# 99
14) ACETONE	1.921	43	3777	4.836	UG/L	# 89
15) 1,1-DICHLOROETHENE	1.887	61	1611	0.384	UG/L	# 67
16) 1,1,2-TRICL-1,2,2-TRIF...	1.887	101	788	0.382	UG/L	95
17) IODOMETHANE	1.996	142	4694	9.025	UG/L	# 78
18) METHYL ACETATE	2.152	43	762	0.272	UG/L	# 80
19) T-BUTYL ALCOHOL	2.306	59	1351	4.728	UG/L	# 63
20) ACRYLONITRILE	2.420	53	315m	0.272	UG/L	
21) METHYLENE CHLORIDE	2.225	49	3757	0.583	UG/L	91
22) CARBON DISULFIDE	2.041	76	22547	3.412	UG/L	94
23) METHYL TERT-BUTYL ETHE...	2.440	73	4031	0.483	UG/L	# 48
24) TRANS 1,2-DICHLOROETHENE	2.442	61	1510	0.345	UG/L	# 47
25) 1,1-DICHLOROETHANE	2.819	63	2070	0.362	UG/L	# 51
26) VINYL ACETATE	2.875	43	21972	3.693	UG/L	99
27) DI ISOPROPYL ETHER	2.891	45	2974m	0.338	UG/L	
28) 2-BUTANONE	3.441	43	5067	3.939	UG/L	# 89
29) T-BUTYL ETHYL ETHER	3.268	59	3663	0.378	UG/L	# 84
30) CIS-1,2-DICHLOROETHENE	3.402	61	1742	0.324	UG/L	# 67
31) 2,2-DICHLOROPROPANE	3.393	77	1330	0.308	UG/L	# 47
32) ETHYL ACETATE	3.508	43	959	0.310	UG/L	# 65
33) BROMOCHLOROMETHANE	3.658	128	575m	0.378	UG/L	
34) TETRAHYDROFURAN	0.000		0	N.D.		
35) CHLOROFORM	3.739	83	2198	0.391	UG/L	99
36) 1,1,1-TRICHLOROETHANE	3.901	97	1445	0.301	UG/L	# 78
37) CYCLOHEXANE	3.954	56	5889	1.320	UG/L	# 70
38) CARBON TETRACHLORIDE	4.071	117	1335	0.398	UG/L	# 69
39) 1,1-DICHLOROPROPENE	4.074	75	1347	0.321	UG/L	# 40
40) BENZENE	4.286	78	3745	0.310	UG/L	# 51
41) T-AMYL METHYL ETHER	4.414	73	2981	0.372	UG/L	96
44) 1,2-DICHLOROETHANE	4.300	62	2563	0.461	UG/L	# 53
45) TRICHLOROETHENE	4.924	95	1071	0.335	UG/L	# 82
46) METHYLCYCLOHEXANE	5.100	83	907m	0.304	UG/L	
47) 1,2-DICHLOROPROPANE	5.147	63	964m	0.281	UG/L	
48) DIBROMOMETHANE	5.253	93	810	0.402	UG/L	# 77
49) 1,4-DIOXANE	0.000		0	N.D.		
50) BROMODICHLOROMETHANE	5.426	83	1367	0.091	UG/L	# 92
51) 2-CHLOROETHYL VINYLETHER	5.747	63	8520	10.562	UG/L	93
52) MIBK	6.042	43	9101	3.354	UG/L	96
53) CIS-1,3-DICHLOROPROPENE	5.870	75	1272	0.046	UG/L	# 37

Data File : W:\DATA\120612\VB341005.D
 Acq On : 6 Dec 2012 11:50 am
 Sample : 8260 STD 0.4 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 06 16:26:16 2012

Vial: 5
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

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Quant Method : C:\MSDCHEM\1\METHODS\B1108W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Thu Nov 29 07:39:26 2012
 Response via : Initial Calibration
 DataAcq Meth:B1108W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) TOLUENE	6.190	91	4585	0.344	UG/L	95
55) TRANS-1,3,-DICHLOROPRO...	6.422	75	1181	0.669	UG/L #	40
56) ETHYL METHACRYLATE	6.542	41	604	0.222	UG/L #	55
57) 1,1,2-TRICHLOROETHANE	6.597	97	1260	0.441	UG/L #	43
58) 2-HEXANONE	6.862	43	5285	2.778	UG/L #	93
59) TETRACHLOROETHENE	6.715	164	699	0.270	UG/L #	58
60) 1,3-DICHLOROPROPANE	6.754	76	1989	0.383	UG/L	91
61) DIBROMOCHLOROMETHANE	6.963	129	925	0.932	UG/L	94
62) 1,2-DIBROMOETHANE	7.063	107	982	0.302	UG/L #	81
65) CHLOROBENZENE	7.551	112	3552	0.344	UG/L #	47
66) 1,1,1,2-TETRACHLOROETHANE	7.638	131	865	0.090	UG/L #	84
67) ETHYLBENZENE	7.674	91	4757	0.295	UG/L #	78
68) M/P-XYLENES	7.794	91	7758	0.605	UG/L	89
69) O-XYLENE	8.176	91	4080	0.299	UG/L	90
70) STYRENE	8.193	104	2849	0.255	UG/L	90
71) BROMOFORM	8.357	173	377m	2.072	UG/L	
72) ISOPROPYLBENZENE	8.547	105	3889	0.253	UG/L	92
73) CIS-1,4-DICHLORO-2-BUTENE	8.622	53	225m	2.044	UG/L	
74) 1,1,2,2-TETRACHLOROETHANE	8.856	83	1403	0.338	UG/L #	84
75) 1,4-DICHLORO-2-BUTENE(...	0.000		0	N.D.		
76) BROMOBENZENE	8.812	77	2241	0.336	UG/L	92
77) 1,2,3-TRICHLOROPROPANE	8.884	110	460m	0.315	UG/L	
78) N-PROPYLBENZENE	8.951	91	4154	0.257	UG/L	96
79) 2-CHLOROTOLUENE	9.012	91	4092	0.354	UG/L #	86
80) 1,3,5-TRIMETHYLBENZENE	9.132	105	3116	0.235	UG/L	98
81) 4-CHLOROTOLUENE	9.129	91	3991	0.299	UG/L	93
83) TERT-BUTYLBENZENE	9.442	119	2600	0.351	UG/L	98
84) 1,2,4-TRIMETHYLBENZENE	9.498	105	3314	0.321	UG/L	99
85) SEC-BUTYLBENZENE	9.665	105	3193	0.314	UG/L	94
86) 1,3-DICHLOROBENZENE	9.749	146	1686	0.291	UG/L #	84
87) P-ISOPROPYLTOLUENE	9.815	119	2387	0.302	UG/L #	72
88) 1,4-DICHLOROBENZENE	9.838	146	2176	0.375	UG/L #	68
89) N-BUTYLBENZENE	10.228	91	1123m	0.158	UG/L	
90) 1,2-DICHLOROBENZENE	10.206	146	1766	0.314	UG/L	95
91) 1,2-DIBROMO-3-CHLOROPR...	0.000		0	N.D.		
92) 1,3,5-TRICHLOROBENZENE	0.000		0	N.D.		
93) 1,2,4-TRICHLOROBENZENE	0.000		0	N.D.		
94) HEXACHLOROBUTADIENE	11.982	225	113m	0.177	UG/L	
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

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[illegible]

Data File : W:\DATA\120612\VB341006.D

Acq On : 6 Dec 2012 12:20 pm

Sample : 8260 STD 0.5 PPB

InstName : GCMSVOA2

Misc :

Quant Time: Dec 06 16:28:28 2012

Vial: 6

Operator:

Inst : GCMSVOA2

Multiplr: 1.00

313

Quant Method : C:\MSDCHEM\1\METHODS\B1108W12.M

Quant Title : 8260 CALIBRATION VOAMS 5973

QLast Update : Thu Nov 29 07:39:26 2012

Response via : Initial Calibration

DataAcq Meth:B1108W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.957	168	225234	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.682	114	337115	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.523	82	201587	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.818	152	141283	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	145555	31.33	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	125.32%	
43) TOLUENE-D8 SS	6.121	98	349003	26.72	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	106.88%	
64) 4-BROMOFLUROBENZENE SS	8.681	95	147115	24.87	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	99.48%	
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	1929	0.446	UG/L	93
4) DIFLUOROCHLOROMETHANE	1.037	51	1799	0.438	UG/L	97
5) CHLOROMETHANE	1.129	50	1233	0.344	UG/L	# 41
6) VINYL CHLORIDE	1.185	62	1373	0.388	UG/L	# 79
7) BROMOMETHANE	1.369	94	1759	1.011	UG/L	94
8) CHLOROETHANE	1.422	64	798	0.504	UG/L	# 80
9) FLUORODICHLOROMETHANE	1.531	67	2490	0.507	UG/L	97
10) TRICHLOROFLUOROMETHANE	1.570	101	2289	0.482	UG/L	93
11) ETHANOL	0.000		0	N.D.	d	
12) DI ETHYL ETHER	1.742	59	1175	0.508	UG/L	# 80
13) ACROLEIN	1.829	56	2252	9.079	UG/L	# 96
14) ACETONE	1.924	43	4123	5.336	UG/L	99
15) 1,1-DICHLOROETHENE	1.890	61	1873	0.451	UG/L	89
16) 1,1,2-TRICL-1,2,2-TRIF...	1.888	101	921	0.451	UG/L	95
17) IODOMETHANE	1.993	142	7049	9.619	UG/L	93
18) METHYL ACETATE	2.147	43	908	0.328	UG/L	# 48
19) T-BUTYL ALCOHOL	2.323	59	1529	5.409	UG/L	# 63
20) ACRYLONITRILE	2.426	53	447m	0.390	UG/L	
21) METHYLENE CHLORIDE	2.225	49	4780	0.888	UG/L	96
22) CARBON DISULFIDE	2.041	76	27732	4.242	UG/L	96
23) METHYL TERT-BUTYL ETHE...	2.448	73	4602	0.558	UG/L	# 72
24) TRANS 1,2-DICHLOROETHENE	2.442	61	2024	0.468	UG/L	92
25) 1,1-DICHLOROETHANE	2.813	63	2454	0.433	UG/L	# 90
26) VINYL ACETATE	2.875	43	27019	4.591	UG/L	99
27) DI ISOPROPYL ETHER	2.894	45	3308	0.380	UG/L	# 76
28) 2-BUTANONE	3.438	43	5489	4.313	UG/L	# 51
29) T-BUTYL ETHYL ETHER	3.265	59	4388	0.457	UG/L	99
30) CIS-1,2-DICHLOROETHENE	3.399	61	2361	0.444	UG/L	96
31) 2,2-DICHLOROPROPANE	3.402	77	1705	0.399	UG/L	# 47
32) ETHYL ACETATE	3.516	43	1356m	0.442	UG/L	
33) BROMOCHLOROMETHANE	3.644	128	684m	0.455	UG/L	
34) TETRAHYDROFURAN	0.000		0	N.D.		
35) CHLOROFORM	3.736	83	2923	0.525	UG/L	# 55
36) 1,1,1-TRICHLOROETHANE	3.904	97	2318m	0.487	UG/L	
37) CYCLOHEXANE	3.959	56	6204	1.406	UG/L	# 71
38) CARBON TETRACHLORIDE	4.065	117	1546	0.447	UG/L	98
39) 1,1-DICHLOROPROPENE	4.074	75	1893	0.456	UG/L	# 40
40) BENZENE	4.280	78	5438	0.455	UG/L	100
41) T-AMYL METHYL ETHER	4.420	73	3836	0.484	UG/L	# 93
44) 1,2-DICHLOROETHANE	4.308	62	2979	0.543	UG/L	# 79
45) TRICHLOROETHENE	4.930	95	1458	0.463	UG/L	97
46) METHYLCYCLOHEXANE	5.106	83	884m	0.301	UG/L	
47) 1,2-DICHLOROPROPANE	5.145	63	1411	0.418	UG/L	# 58
48) DIBROMOMETHANE	5.259	93	1065	0.536	UG/L	# 62
49) 1,4-DIOXANE	0.000		0	N.D.		
50) BROMODICHLOROMETHANE	5.426	83	2018	0.223	UG/L	# 95
51) 2-CHLOROETHYL VINYLETHER	5.747	63	10185	12.803	UG/L	98
52) MIBK	6.043	43	10834	4.048	UG/L	93
53) CIS-1,3-DICHLOROPROPENE	5.867	75	1779	0.137	UG/L	# 78

Data File : W:\DATA\120612\VB341006.D
 Acq On : 6 Dec 2012 12:20 pm
 Sample : 8260 STD 0.5 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 06 16:28:28 2012

Vial: 6
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

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Quant Method : C:\MSDCHEM\1\METHODS\B1108W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Thu Nov 29 07:39:26 2012
 Response via : Initial Calibration
 DataAcq Meth:B1108W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) TOLUENE	6.185	91	5976	0.455	UG/L	96
55) TRANS-1,3,-DICHLOROPRO...	6.425	75	1501	0.733	UG/L #	74
56) ETHYL METHACRYLATE	6.545	41	822m	0.306	UG/L	
57) 1,1,2-TRICHLOROETHANE	6.595	97	1512	0.537	UG/L #	65
58) 2-HEXANONE	6.865	43	6247	3.330	UG/L #	97
59) TETRACHLOROETHENE	6.717	164	963	0.377	UG/L	95
60) 1,3-DICHLOROPROPANE	6.754	76	2377	0.464	UG/L	95
61) DIBROMOCHLOROMETHANE	6.968	129	1103	0.981	UG/L	92
62) 1,2-DIBROMOETHANE	7.066	107	1328	0.415	UG/L #	92
65) CHLOROBENZENE	7.551	112	4287	0.421	UG/L #	48
66) 1,1,1,2-TETRACHLOROETHANE	7.640	131	1268	0.196	UG/L	87
67) ETHYLBENZENE	7.677	91	6589	0.414	UG/L #	88
68) M/P-XYLENES	7.791	91	10340	0.817	UG/L	88
69) O-XYLENE	8.173	91	5543	0.411	UG/L #	85
70) STYRENE	8.190	104	3394	0.308	UG/L #	89
71) BROMOFORM	8.357	173	490m	2.112	UG/L	
72) ISOPROPYLBENZENE	8.547	105	5158	0.340	UG/L	94
73) CIS-1,4-DICHLORO-2-BUTENE	8.617	53	154	2.003	UG/L #	49
74) 1,1,2,2-TETRACHLOROETHANE	8.854	83	1779	0.434	UG/L #	95
75) 1,4-DICHLORO-2-BUTENE(...	0.000		0	N.D.		
76) BROMOBENZENE	8.817	77	2620	0.397	UG/L	93
77) 1,2,3-TRICHLOROPROPANE	8.881	110	551	0.383	UG/L	87
78) N-PROPYLBENZENE	8.948	91	5721	0.358	UG/L	94
79) 2-CHLOROTOLUENE	9.015	91	4666	0.409	UG/L	98
80) 1,3,5-TRIMETHYLBENZENE	9.135	105	4334	0.332	UG/L	94
81) 4-CHLOROTOLUENE	9.132	91	5252	0.399	UG/L #	88
83) TERT-BUTYLBENZENE	9.445	119	3256	0.430	UG/L	95
84) 1,2,4-TRIMETHYLBENZENE	9.498	105	4631	0.439	UG/L	89
85) SEC-BUTYLBENZENE	9.659	105	4208	0.404	UG/L #	83
86) 1,3-DICHLOROBENZENE	9.754	146	2459	0.415	UG/L	90
87) P-ISOPROPYLTOLUENE	9.818	119	3022	0.374	UG/L #	79
88) 1,4-DICHLOROBENZENE	9.838	146	2724	0.459	UG/L #	65
89) N-BUTYLBENZENE	10.220	91	1701	0.234	UG/L #	31
90) 1,2-DICHLOROBENZENE	10.209	146	2330	0.405	UG/L #	86
91) 1,2-DIBROMO-3-CHLOROPR...	0.000		0	N.D.		
92) 1,3,5-TRICHLOROBENZENE	11.190	180	104	0.093	UG/L #	1
93) 1,2,4-TRICHLOROBENZENE	0.000		0	N.D.		
94) HEXACHLOROBUTADIENE	11.982	225	423m	0.394	UG/L	
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

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Page: 3

Data File : W:\DATA\120612\VB341007.D

Acq On : 6 Dec 2012 12:51 pm

Sample : 8260 STD 1.0 PPB

InstName : GCMSVOA2

Misc :

Quant Time: Dec 06 16:30:10 2012

Vial: 7

Operator:

Inst : GCMSVOA2

Multiplr: 1.00

316

Quant Method : C:\MSDCHEM\1\METHODS\B1108W12.M

Quant Title : 8260 CALIBRATION VOAMS 5973

QLast Update : Thu Nov 29 07:39:26 2012

Response via : Initial Calibration

DataAcq Meth:B1108W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.960	168	224436	30.00	UG/L	0.00
42) 1,4-DIFLUOROBENZENE - ...	4.682	114	337605	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.523	82	199899	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.818	152	143180	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	145988	31.53	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	= 126.12%		
43) TOLUENE-D8 SS	6.121	98	347979	26.60	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	= 106.40%		
64) 4-BROMOFLUROBENZENE SS	8.684	95	147182	25.09	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	= 100.36%		
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	5133	1.192	UG/L	100
4) DIFLUOROCHLOROMETHANE	1.037	51	4264	1.042	UG/L	# 85
5) CHLOROMETHANE	1.135	50	3113	0.871	UG/L	99
6) VINYL CHLORIDE	1.190	62	3597	1.020	UG/L	97
7) BROMOMETHANE	1.372	94	3652	2.069	UG/L	# 79
8) CHLOROETHANE	1.425	64	1952	1.237	UG/L	98
9) FLUORODICHLOROMETHANE	1.533	67	6155	1.258	UG/L	97
10) TRICHLOROFLUOROMETHANE	1.572	101	6560	1.387	UG/L	98
11) ETHANOL	0.000		0	N.D.	d	
12) DI ETHYL ETHER	1.743	59	2379	1.032	UG/L	90
13) ACROLEIN	1.823	56	5177	20.946	UG/L	# 97
14) ACETONE	1.921	43	8135	10.567	UG/L	95
15) 1,1-DICHLOROETHENE	1.888	61	4952	1.196	UG/L	100
16) 1,1,2-TRICL-1,2,2-TRIF...	1.893	101	2567	1.261	UG/L	# 56
17) IODOMETHANE	1.996	142	20763	13.027	UG/L	88
18) METHYL ACETATE	2.150	43	1982	0.718	UG/L	99
19) T-BUTYL ALCOHOL	2.323	59	3372	11.970	UG/L	# 89
20) ACRYLONITRILE	2.423	53	824	0.722	UG/L	# 63
21) METHYLENE CHLORIDE	2.231	49	5271	1.035	UG/L	# 81
22) CARBON DISULFIDE	2.041	76	77098	11.836	UG/L	# 92
23) METHYL TERT-BUTYL ETHE...	2.443	73	9590	1.166	UG/L	# 91
24) TRANS 1,2-DICHLOROETHENE	2.448	61	4799	1.113	UG/L	98
25) 1,1-DICHLOROETHANE	2.813	63	5941	1.053	UG/L	96
26) VINYL ACETATE	2.878	43	57120	9.739	UG/L	97
27) DI ISOPROPYL ETHER	2.892	45	8145	0.940	UG/L	100
28) 2-BUTANONE	3.435	43	11182	8.817	UG/L	99
29) T-BUTYL ETHYL ETHER	3.265	59	9686	1.013	UG/L	97
30) CIS-1,2-DICHLOROETHENE	3.399	61	4776	0.901	UG/L	96
31) 2,2-DICHLOROPROPANE	3.399	77	3978	0.935	UG/L	# 81
32) ETHYL ACETATE	3.502	43	2578	0.844	UG/L	# 89
33) BROMOCHLOROMETHANE	3.644	128	1610	1.074	UG/L	88
34) TETRAHYDROFURAN	3.692	42	440m	0.583	UG/L	
35) CHLOROFORM	3.739	83	6488	1.169	UG/L	99
36) 1,1,1-TRICHLOROETHANE	3.915	97	5276	1.113	UG/L	94
37) CYCLOHEXANE	3.957	56	8120	1.847	UG/L	# 78
38) CARBON TETRACHLORIDE	4.068	117	4234	1.035	UG/L	96
39) 1,1-DICHLOROPROPENE	4.077	75	4219	1.021	UG/L	97
40) BENZENE	4.283	78	11729	0.985	UG/L	96
41) T-AMYLMETHYL ETHER	4.417	73	7955	1.008	UG/L	# 79
44) 1,2-DICHLOROETHANE	4.305	62	6425	1.169	UG/L	# 75
45) TRICHLOROETHENE	4.927	95	3550	1.126	UG/L	85
46) METHYLCYCLOHEXANE	5.108	83	2625m	0.892	UG/L	
47) 1,2-DICHLOROPROPANE	5.142	63	2762	0.816	UG/L	# 74
48) DIBROMOMETHANE	5.262	93	1988	0.998	UG/L	96
49) 1,4-DIOXANE	0.000		0	N.D.		
50) BROMODICHLOROMETHANE	5.426	83	4147	0.642	UG/L	# 94
51) 2-CHLOROETHYLVINYLETHER	5.744	63	21193	26.603	UG/L	98
52) MIBK	6.040	43	22851	8.526	UG/L	95
53) CIS-1,3-DICHLOROPROPENE	5.873	75	3783	0.484	UG/L	95

Data File : W:\DATA\120612\VB341007.D
 Acq On : 6 Dec 2012 12:51 pm
 Sample : 8260 STD 1.0 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 06 16:30:10 2012

Vial: 7
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

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Quant Method : C:\MSDCHEM\1\METHODS\B1108W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Thu Nov 29 07:39:26 2012
 Response via : Initial Calibration
 DataAcq Meth:B1108W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) TOLUENE	6.190	91	13214	1.005	UG/L	98
55) TRANS-1,3,-DICHLOROPRO...	6.425	75	2806	0.980	UG/L	98
56) ETHYL METHACRYLATE	6.542	41	1770	0.659	UG/L	87
57) 1,1,2-TRICHLOROETHANE	6.592	97	3222	1.142	UG/L	86
58) 2-HEXANONE	6.865	43	13484	7.177	UG/L	95
59) TETRACHLOROETHENE	6.712	164	2641	1.034	UG/L	98
60) 1,3-DICHLOROPROPANE	6.751	76	5303	1.034	UG/L	94
61) DIBROMOCHLOROMETHANE	6.966	129	2219	1.262	UG/L	96
62) 1,2-DIBROMOETHANE	7.063	107	2757	0.859	UG/L #	93
65) CHLOROBENZENE	7.551	112	9521	0.943	UG/L	94
66) 1,1,1,2-TETRACHLOROETHANE	7.635	131	2576	0.535	UG/L #	90
67) ETHYLBENZENE	7.674	91	14917	0.945	UG/L #	87
68) M/P-XYLENES	7.791	91	23598	1.880	UG/L	88
69) O-XYLENE	8.176	91	12496	0.935	UG/L	88
70) STYRENE	8.195	104	8294	0.758	UG/L #	80
71) BROMOFORM	8.352	173	1228	2.366	UG/L #	64
72) ISOPROPYLBENZENE	8.547	105	13262	0.881	UG/L	94
73) CIS-1,4-DICHLORO-2-BUTENE	8.622	53	658m	2.314	UG/L	
74) 1,1,2,2-TETRACHLOROETHANE	8.848	83	3260	0.803	UG/L #	93
75) 1,4-DICHLORO-2-BUTENE(...	8.915	53	610m	2.704	UG/L	
76) BROMOBENZENE	8.820	77	6056	0.926	UG/L	87
77) 1,2,3-TRICHLOROPROPANE	8.879	110	1275	0.893	UG/L	79
78) N-PROPYLBENZENE	8.951	91	14040	0.886	UG/L	90
79) 2-CHLOROTOLUENE	9.018	91	11243	0.994	UG/L	90
80) 1,3,5-TRIMETHYLBENZENE	9.132	105	11419	0.881	UG/L	96
81) 4-CHLOROTOLUENE	9.130	91	12903	0.989	UG/L	93
83) TERT-BUTYLBENZENE	9.448	119	8541	1.113	UG/L	90
84) 1,2,4-TRIMETHYLBENZENE	9.495	105	10806	1.010	UG/L	93
85) SEC-BUTYLBENZENE	9.660	105	10120	0.960	UG/L	94
86) 1,3-DICHLOROBENZENE	9.749	146	5439	0.905	UG/L	96
87) P-ISOPROPYLTOLUENE	9.816	119	8246	1.008	UG/L #	93
88) 1,4-DICHLOROBENZENE	9.841	146	6064	1.009	UG/L #	73
89) N-BUTYLBENZENE	10.214	91	4268	0.580	UG/L #	78
90) 1,2-DICHLOROBENZENE	10.203	146	5126	0.880	UG/L	97
91) 1,2-DIBROMO-3-CHLOROPR...	10.973	75	87m	2.169	UG/L	
92) 1,3,5-TRICHLOROBENZENE	11.188	180	754	0.283	UG/L #	73
93) 1,2,4-TRICHLOROBENZENE	0.000		0	N.D.		
94) HEXACHLOROBUTADIENE	11.980	225	793	0.649	UG/L #	24
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

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Page: 3

Data File : W:\DATA\120612\VB341008.D
 Acq On : 6 Dec 2012 1:22 pm
 Sample : 8260 STD 2.0 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 06 16:31:30 2012

Vial: 8
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

319

Quant Method : C:\MSDCHEM\1\METHODS\B1108W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Thu Nov 29 07:39:26 2012
 Response via : Initial Calibration
 DataAcq Meth:B1108W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.957	168	222414	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	332243	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.521	82	198143	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.818	152	145837	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	142914	31.15	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	124.60%	
43) TOLUENE-D8 SS	6.124	98	348804	27.09	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	108.36%	
64) 4-BROMOFLUROBENZENE SS	8.684	95	148555	25.55	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	102.20%	
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	8943	2.096	UG/L	100
4) DIFLUOROCHLOROMETHANE	1.040	51	7585	1.870	UG/L	# 89
5) CHLOROMETHANE	1.132	50	5284	1.492	UG/L	92
6) VINYL CHLORIDE	1.188	62	6341	1.814	UG/L	96
7) BROMOMETHANE	1.369	94	5102	2.903	UG/L	98
8) CHLOROETHANE	1.425	64	2841	1.816	UG/L	94
9) FLUORODICHLOROMETHANE	1.533	67	11112	2.293	UG/L	97
10) TRICHLOROFLUOROMETHANE	1.570	101	11721	2.501	UG/L	100
11) ETHANOL	1.667	45	564m	20.957	UG/L	
12) DI ETHYL ETHER	1.743	59	4778	2.091	UG/L	95
13) ACROLEIN	1.826	56	9232	37.692	UG/L	# 96
14) ACETONE	1.921	43	15290	20.041	UG/L	96
15) 1,1-DICHLOROETHENE	1.888	61	9157	2.232	UG/L	97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.882	101	4559	2.260	UG/L	90
17) IODOMETHANE	1.991	142	45963	19.380	UG/L	88
18) METHYL ACETATE	2.153	43	4142	1.515	UG/L	97
19) T-BUTYL ALCOHOL	2.317	59	6145	22.013	UG/L	# 87
20) ACRYLONITRILE	2.429	53	2213	1.956	UG/L	98
21) METHYLENE CHLORIDE	2.228	49	9433	2.259	UG/L	100
22) CARBON DISULFIDE	2.038	76	142000	21.997	UG/L	# 91
23) METHYL TERT-BUTYL ETHE...	2.448	73	18439	2.263	UG/L	92
24) TRANS 1,2-DICHLOROETHENE	2.445	61	9222	2.158	UG/L	96
25) 1,1-DICHLOROETHANE	2.819	63	11183	2.000	UG/L	100
26) VINYL ACETATE	2.875	43	114315	19.668	UG/L	96
27) DI ISOPROPYL ETHER	2.892	45	14709	1.712	UG/L	94
28) 2-BUTANONE	3.438	43	21740	17.299	UG/L	98
29) T-BUTYL ETHYL ETHER	3.265	59	18592	1.962	UG/L	96
30) CIS-1,2-DICHLOROETHENE	3.402	61	10350	1.969	UG/L	100
31) 2,2-DICHLOROPROPANE	3.402	77	8261	1.959	UG/L	# 92
32) ETHYL ACETATE	3.513	43	4692	1.550	UG/L	# 83
33) BROMOCHLOROMETHANE	3.642	128	2781	1.872	UG/L	94
34) TETRAHYDROFURAN	3.700	42	1015m	1.356	UG/L	
35) CHLOROFORM	3.734	83	12382	2.252	UG/L	99
36) 1,1,1-TRICHLOROETHANE	3.909	97	10635	2.264	UG/L	89
37) CYCLOHEXANE	3.957	56	10907	2.503	UG/L	# 82
38) CARBON TETRACHLORIDE	4.068	117	7924	1.857	UG/L	99
39) 1,1-DICHLOROPROPENE	4.074	75	8138	1.986	UG/L	96
40) BENZENE	4.277	78	22226	1.884	UG/L	98
41) T-AMYL METHYL ETHER	4.417	73	15600	1.994	UG/L	# 91
44) 1,2-DICHLOROETHANE	4.305	62	12868	2.379	UG/L	# 87
45) TRICHLOROETHENE	4.924	95	7042	2.270	UG/L	85
46) METHYLCYCLOHEXANE	5.103	83	5382	1.858	UG/L	94
47) 1,2-DICHLOROPROPANE	5.145	63	5391	1.619	UG/L	91
48) DIBROMOMETHANE	5.256	93	4345	2.218	UG/L	89
49) 1,4-DIOXANE	5.304	88	615m	33.063	UG/L	
50) BROMODICHLOROMETHANE	5.429	83	8004	1.427	UG/L	99
51) 2-CHLOROETHYL VINYLETHER	5.747	63	46127	58.836	UG/L	96
52) MIBK	6.043	43	47416	17.978	UG/L	96
53) CIS-1,3-DICHLOROPROPENE	5.867	75	8222	1.278	UG/L	98

Data File : W:\DATA\120612\VB341008.D
 Acq On : 6 Dec 2012 1:22 pm
 Sample : 8260 STD 2.0 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 06 16:31:30 2012

Vial: 8
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

320

Quant Method : C:\MSDCHEM\1\METHODS\B1108W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Thu Nov 29 07:39:26 2012
 Response via : Initial Calibration
 DataAcq Meth:B1108W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) TOLUENE	6.190	91	25538	1.974	UG/L	97
55) TRANS-1,3,-DICHLOROPRO...	6.425	75	6862	1.769	UG/L	96
56) ETHYL METHACRYLATE	6.539	41	3514	1.329	UG/L #	77
57) 1,1,2-TRICHLOROETHANE	6.595	97	6009	2.163	UG/L	94
58) 2-HEXANONE	6.863	43	30294	16.384	UG/L	97
59) TETRACHLOROETHENE	6.706	164	4722	1.878	UG/L	93
60) 1,3-DICHLOROPROPANE	6.754	76	10796	2.138	UG/L	92
61) DIBROMOCHLOROMETHANE	6.966	129	5339	2.072	UG/L	97
62) 1,2-DIBROMOETHANE	7.061	107	6135	1.943	UG/L #	96
65) CHLOROBENZENE	7.551	112	17768	1.775	UG/L	95
66) 1,1,1,2-TETRACHLOROETHANE	7.635	131	5525	1.305	UG/L	97
67) ETHYLBENZENE	7.674	91	28775	1.840	UG/L	90
68) M/P-XYLENES	7.788	91	47465	3.816	UG/L	88
69) O-XYLENE	8.176	91	24396	1.842	UG/L	91
70) STYRENE	8.193	104	16955	1.563	UG/L	93
71) BROMOFORM	8.360	173	2471	2.799	UG/L #	90
72) ISOPROPYLBENZENE	8.544	105	25357	1.700	UG/L	97
73) CIS-1,4-DICHLORO-2-BUTENE	8.619	53	1429	2.795	UG/L #	74
74) 1,1,2,2-TETRACHLOROETHANE	8.851	83	6926	1.721	UG/L	97
75) 1,4-DICHLORO-2-BUTENE(...	8.904	53	1300	3.131	UG/L	86
76) BROMOBENZENE	8.815	77	12134	1.873	UG/L	86
77) 1,2,3-TRICHLOROPROPANE	8.884	110	2559	1.808	UG/L	74
78) N-PROPYLBENZENE	8.948	91	27694	1.764	UG/L	91
79) 2-CHLOROTOLUENE	9.015	91	20466	1.825	UG/L	95
80) 1,3,5-TRIMETHYLBENZENE	9.132	105	22078	1.718	UG/L	96
81) 4-CHLOROTOLUENE	9.130	91	24551	1.898	UG/L	93
83) TERT-BUTYLBENZENE	9.442	119	17052	2.181	UG/L	96
84) 1,2,4-TRIMETHYLBENZENE	9.492	105	22858	2.097	UG/L	95
85) SEC-BUTYLBENZENE	9.662	105	20980	1.953	UG/L	91
86) 1,3-DICHLOROBENZENE	9.754	146	10765	1.759	UG/L	93
87) P-ISOPROPYLTOLUENE	9.816	119	16206	1.945	UG/L	95
88) 1,4-DICHLOROBENZENE	9.838	146	11335	1.851	UG/L #	82
89) N-BUTYLBENZENE	10.220	91	10509	1.403	UG/L	93
90) 1,2-DICHLOROBENZENE	10.203	146	10454	1.762	UG/L	93
91) 1,2-DIBROMO-3-CHLOROPR...	10.981	75	471m	2.811	UG/L	
92) 1,3,5-TRICHLOROBENZENE	11.188	180	2609	0.811	UG/L	97
93) 1,2,4-TRICHLOROBENZENE	0.000		0	N.D.		
94) HEXACHLOROBUTADIENE	11.980	225	1748m	1.293	UG/L	
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

321

[illegible]

Data File : W:\DATA\120612\VB341009.D

Vial: 9

Acq On : 6 Dec 2012 1:53 pm

Operator:

322

Sample : 8260 STD 5.0 PPB

Inst : GCMSVOA2

InstName : GCMSVOA2

Misc :

Multiplr: 1.00

Quant Time: Dec 06 16:32:42 2012

Quant Method : C:\MSDCHEM\1\METHODS\B1108W12.M

Quant Title : 8260 CALIBRATION VOAMS 5973

QLast Update : Thu Nov 29 07:39:26 2012

Response via : Initial Calibration

DataAcq Meth:B1108W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.960	168	227494	30.00	UG/L	0.00
42) 1,4-DIFLUORO BENZENE - ...	4.682	114	337167	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.523	82	205228	30.00	UG/L	0.00
82) 1,4-DICHLORO BENZENE-D4...	9.819	152	150497	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	144834	30.86	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	= 123.44%		
43) TOLUENE-D8 SS	6.124	98	352932	27.01	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	= 108.04%		
64) 4-BROMOFLUROBENZENE SS	8.681	95	153707	25.52	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	= 102.08%		
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	1.029	85	24225	5.551	UG/L	100
4) DIFLUOROCHLOROMETHANE	1.037	51	20271	4.886	UG/L	# 89
5) CHLOROMETHANE	1.132	50	13656	3.769	UG/L	98
6) VINYL CHLORIDE	1.188	62	17192	4.809	UG/L	96
7) BROMOMETHANE	1.369	94	11024	6.094	UG/L	98
8) CHLOROETHANE	1.425	64	8635	5.397	UG/L	96
9) FLUORODICHLOROMETHANE	1.536	67	31256	6.304	UG/L	98
10) TRICHLOROFLUOROMETHANE	1.573	101	31739	6.622	UG/L	99
11) ETHANOL	1.670	45	1158	42.069	UG/L	# 78
12) DI ETHYL ETHER	1.743	59	12196	5.218	UG/L	95
13) ACROLEIN	1.821	56	24965	99.651	UG/L	# 100
14) ACETONE	1.921	43	38337	49.127	UG/L	98
15) 1,1-DICHLOROETHENE	1.890	61	25313	6.032	UG/L	97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	13059	6.328	UG/L	92
17) IODOMETHANE	1.994	142	169493	49.348	UG/L	88
18) METHYL ACETATE	2.153	43	9184	3.284	UG/L	94
19) T-BUTYL ALCOHOL	2.323	59	15216	53.289	UG/L	98
20) ACRYLONITRILE	2.423	53	4649	4.017	UG/L	95
21) METHYLENE CHLORIDE	2.225	49	19064	4.935	UG/L	87
22) CARBON DISULFIDE	2.041	76	424605	64.308	UG/L	# 91
23) METHYL TERT-BUTYL ETHE...	2.445	73	48991	5.878	UG/L	95
24) TRANS 1,2-DICHLOROETHENE	2.443	61	23832	5.453	UG/L	98
25) 1,1-DICHLOROETHANE	2.813	63	29702	5.193	UG/L	99
26) VINYL ACETATE	2.875	43	297719	50.080	UG/L	97
27) DI ISOPROPYL ETHER	2.892	45	37890	4.312	UG/L	90
28) 2-BUTANONE	3.435	43	52358	40.731	UG/L	98
29) T-BUTYL ETHYL ETHER	3.271	59	48412	4.995	UG/L	95
30) CIS-1,2-DICHLOROETHENE	3.405	61	27557	5.126	UG/L	99
31) 2,2-DICHLOROPROPANE	3.399	77	22012	5.103	UG/L	98
32) ETHYL ACETATE	3.508	43	11866	3.833	UG/L	98
33) BROMOCHLOROMETHANE	3.644	128	8520	5.608	UG/L	86
34) TETRAHYDROFURAN	3.695	42	2357	3.079	UG/L	# 78
35) CHLOROFORM	3.737	83	33206	5.904	UG/L	99
36) 1,1,1-TRICHLOROETHANE	3.907	97	29391	6.118	UG/L	97
37) CYCLOHEXANE	3.954	56	22139	4.967	UG/L	# 91
38) CARBON TETRACHLORIDE	4.066	117	22922	5.052	UG/L	100
39) 1,1-DICHLOROPROPENE	4.071	75	22863	5.456	UG/L	95
40) BENZENE	4.280	78	60133	4.982	UG/L	100
41) T-AMYLMETHYL ETHER	4.411	73	41717	5.212	UG/L	96
44) 1,2-DICHLOROETHANE	4.305	62	33384	6.082	UG/L	# 90
45) TRICHLOROETHENE	4.924	95	18014	5.721	UG/L	88
46) METHYLCYCLOHEXANE	5.103	83	14333	4.876	UG/L	95
47) 1,2-DICHLOROPROPANE	5.150	63	15866	4.695	UG/L	97
48) DIBROMOMETHANE	5.254	93	11347	5.707	UG/L	91
49) 1,4-DIOXANE	5.301	88	1683	61.918	UG/L	# 73
50) BROMODICHLOROMETHANE	5.424	83	23427	4.445	UG/L	99
51) 2-CHLOROETHYLVINYLETHER	5.747	63	116088	145.911	UG/L	97
52) MIBK	6.040	43	114226	42.676	UG/L	98
53) CIS-1,3-DICHLOROPROPENE	5.870	75	22893	3.808	UG/L	97

Data File : W:\DATA\120612\VB341009.D
 Acq On : 6 Dec 2012 1:53 pm
 Sample : 8260 STD 5.0 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 06 16:32:42 2012

Vial: 9
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

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Quant Method : C:\MSDCHEM\1\METHODS\B1108W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Thu Nov 29 07:39:26 2012
 Response via : Initial Calibration
 DataAcq Meth:B1108W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) TOLUENE	6.185	91	68074	5.185	UG/L	98
55) TRANS-1,3,-DICHLOROPRO...	6.419	75	20180	4.276	UG/L	94
56) ETHYL METHACRYLATE	6.539	41	9679	3.608	UG/L	83
57) 1,1,2-TRICHLOROETHANE	6.595	97	15495	5.497	UG/L	96
58) 2-HEXANONE	6.860	43	75442	40.206	UG/L	97
59) TETRACHLOROETHENE	6.712	164	12270	4.809	UG/L	93
60) 1,3-DICHLOROPROPANE	6.751	76	27254	5.319	UG/L	95
61) DIBROMOCHLOROMETHANE	6.966	129	15317	4.574	UG/L	99
62) 1,2-DIBROMOETHANE	7.063	107	16571	5.172	UG/L #	98
65) CHLOROBENZENE	7.551	112	47144	4.547	UG/L	90
66) 1,1,1,2-TETRACHLOROETHANE	7.641	131	15065	3.644	UG/L	97
67) ETHYLBENZENE	7.671	91	78890	4.869	UG/L	92
68) M/P-XYLENES	7.788	91	132312	10.270	UG/L	87
69) O-XYLENE	8.176	91	69420	5.060	UG/L	91
70) STYRENE	8.190	104	48555	4.322	UG/L	94
71) BROMOFORM	8.354	173	7195	4.343	UG/L #	94
72) ISOPROPYLBENZENE	8.541	105	71672	4.639	UG/L	97
73) CIS-1,4-DICHLORO-2-BUTENE	8.625	53	3763	4.163	UG/L #	77
74) 1,1,2,2-TETRACHLOROETHANE	8.851	83	17940	4.304	UG/L	99
75) 1,4-DICHLORO-2-BUTENE(...	8.909	53	3702	4.527	UG/L	88
76) BROMOBENZENE	8.815	77	32412	4.830	UG/L	88
77) 1,2,3-TRICHLOROPROPANE	8.876	110	6585	4.492	UG/L	76
78) N-PROPYLBENZENE	8.948	91	76206	4.686	UG/L	94
79) 2-CHLOROTOLUENE	9.018	91	59354	5.110	UG/L	93
80) 1,3,5-TRIMETHYLBENZENE	9.133	105	64323	4.834	UG/L	94
81) 4-CHLOROTOLUENE	9.130	91	69264	5.170	UG/L	91
83) TERT-BUTYLBENZENE	9.445	119	47501	5.887	UG/L	92
84) 1,2,4-TRIMETHYLBENZENE	9.492	105	64730	5.755	UG/L	96
85) SEC-BUTYLBENZENE	9.662	105	60132	5.425	UG/L	92
86) 1,3-DICHLOROBENZENE	9.752	146	30671	4.857	UG/L	95
87) P-ISOPROPYLTOLUENE	9.813	119	47675	5.545	UG/L	93
88) 1,4-DICHLOROBENZENE	9.841	146	31372	4.965	UG/L #	92
89) N-BUTYLBENZENE	10.217	91	33698	4.358	UG/L	97
90) 1,2-DICHLOROBENZENE	10.203	146	29943	4.890	UG/L	95
91) 1,2-DIBROMO-3-CHLOROPR...	10.976	75	1434	4.353	UG/L #	84
92) 1,3,5-TRICHLOROBENZENE	11.185	180	9739	2.771	UG/L	98
93) 1,2,4-TRICHLOROBENZENE	11.798	180	1311	3.461	UG/L #	85
94) HEXACHLOROBUTADIENE	11.977	225	5714	3.891	UG/L	97
95) NAPHTHALENE	12.038	128	1100	5.245	UG/L #	69
96) 1,2,3-TRICHLOROBENZENE	12.267	180	384m	5.120	UG/L	

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

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Page: 3

Data File : W:\DATA\120612\VB341010.D
 Acq On : 6 Dec 2012 2:24 pm
 Sample : 8260 STD 10 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 06 16:32:58 2012

Vial: 10
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\B1108W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Thu Nov 29 07:39:26 2012
 Response via : Initial Calibration
 DataAcq Meth:B1108W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.959	168	229904	30.00	UG/L	0.00
42) 1,4-DIFLUOROBENZENE - ...	4.679	114	338571	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.523	82	203752	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	158865	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	146512	30.89	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	= 123.56%		
43) TOLUENE-D8 SS	6.123	98	352332	26.86	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	= 107.44%		
64) 4-BROMOFLUROBENZENE SS	8.683	95	154791	25.89	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	= 103.56%		
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	1.029	85	48488	10.994	UG/L	99
4) DIFLUOROCHLOROMETHANE	1.040	51	40322	9.617	UG/L	# 84
5) CHLOROMETHANE	1.132	50	25793	7.043	UG/L	100
6) VINYL CHLORIDE	1.188	62	34382	9.517	UG/L	99
7) BROMOMETHANE	1.363	94	19124	10.435	UG/L	95
8) CHLOROETHANE	1.425	64	16369	10.124	UG/L	94
9) FLUORODICHLOROMETHANE	1.531	67	61694	12.313	UG/L	99
10) TRICHLOROFLUOROMETHANE	1.567	101	60177	12.425	UG/L	97
11) ETHANOL	1.676	45	2603	93.572	UG/L	94
12) DI ETHYL ETHER	1.740	59	24601	10.415	UG/L	93
13) ACROLEIN	1.823	56	49771	196.585	UG/L	# 98
14) ACETONE	1.921	43	79997	101.438	UG/L	97
15) 1,1-DICHLOROETHENE	1.882	61	48380	11.408	UG/L	99
16) 1,1,2-TRICL-1,2,2-TRIF...	1.882	101	25712	12.329	UG/L	93
17) IODOMETHANE	1.991	142	371825	97.899	UG/L	90
18) METHYL ACETATE	2.150	43	23973	8.483	UG/L	97
19) T-BUTYL ALCOHOL	2.323	59	34224	118.603	UG/L	95
20) ACRYLONITRILE	2.420	53	11507	9.838	UG/L	96
21) METHYLENE CHLORIDE	2.225	49	40915	11.024	UG/L	97
22) CARBON DISULFIDE	2.035	76	850386	127.443	UG/L	# 91
23) METHYL TERT-BUTYL ETHE...	2.448	73	103382	12.273	UG/L	96
24) TRANS 1,2-DICHLOROETHENE	2.440	61	50782	11.497	UG/L	99
25) 1,1-DICHLOROETHANE	2.813	63	60030	10.386	UG/L	99
26) VINYL ACETATE	2.875	43	628960	104.690	UG/L	98
27) DI ISOPROPYL ETHER	2.891	45	78324	8.820	UG/L	92
28) 2-BUTANONE	3.435	43	121949	93.874	UG/L	99
29) T-BUTYL ETHYL ETHER	3.265	59	102239	10.438	UG/L	95
30) CIS-1,2-DICHLOROETHENE	3.405	61	57387	10.564	UG/L	98
31) 2,2-DICHLOROPROPANE	3.399	77	47109	10.806	UG/L	98
32) ETHYL ACETATE	3.502	43	25972	8.302	UG/L	98
33) BROMOCHLOROMETHANE	3.642	128	16548	10.778	UG/L	90
34) TETRAHYDROFURAN	3.703	42	6237	8.062	UG/L	# 82
35) CHLOROFORM	3.734	83	69790	12.278	UG/L	99
36) 1,1,1-TRICHLOROETHANE	3.901	97	61788	12.726	UG/L	99
37) CYCLOHEXANE	3.954	56	40501	8.992	UG/L	91
38) CARBON TETRACHLORIDE	4.068	117	48940	10.551	UG/L	99
39) 1,1-DICHLOROPROPENE	4.074	75	46086	10.882	UG/L	96
40) BENZENE	4.277	78	123669	10.140	UG/L	98
41) T-AMYL METHYL ETHER	4.408	73	89290	11.040	UG/L	95
44) 1,2-DICHLOROETHANE	4.303	62	68832	12.487	UG/L	# 89
45) TRICHLOROETHENE	4.922	95	36378	11.505	UG/L	88
46) METHYLCYCLOHEXANE	5.103	83	29457	9.979	UG/L	93
47) 1,2-DICHLOROPROPANE	5.145	63	31335	9.234	UG/L	94
48) DIBROMOMETHANE	5.256	93	23469	11.754	UG/L	93
49) 1,4-DIOXANE	5.298	88	4046	125.853	UG/L	# 80
50) BROMODICHLOROMETHANE	5.426	83	51865	10.010	UG/L	99
51) 2-CHLOROETHYLVINYLETHER	5.747	63	253794	317.671	UG/L	95
52) MIBK	6.040	43	261686	97.364	UG/L	98
53) CIS-1,3-DICHLOROPROPENE	5.870	75	52997	9.004	UG/L	95

Data File : W:\DATA\120612\VB341010.D
 Acq On : 6 Dec 2012 2:24 pm
 Sample : 8260 STD 10 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 06 16:32:58 2012

Vial: 10
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

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Quant Method : C:\MSDCHEM\1\METHODS\B1108W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Thu Nov 29 07:39:26 2012
 Response via : Initial Calibration
 DataAcq Meth:B1108W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) TOLUENE	6.185	91	137690	10.443	UG/L	98
55) TRANS-1,3,-DICHLOROPRO...	6.422	75	46724	9.273	UG/L	92
56) ETHYL METHACRYLATE	6.539	41	22918	8.507	UG/L	83
57) 1,1,2-TRICHLOROETHANE	6.592	97	32525	11.491	UG/L	95
58) 2-HEXANONE	6.862	43	178201	94.575	UG/L	99
59) TETRACHLOROETHENE	6.712	164	26072	10.175	UG/L	97
60) 1,3-DICHLOROPROPANE	6.751	76	56419	10.965	UG/L	95
61) DIBROMOCHLOROMETHANE	6.966	129	34380	9.359	UG/L	100
62) 1,2-DIBROMOETHANE	7.060	107	34634	10.766	UG/L	99
65) CHLOROBENZENE	7.551	112	95008	9.231	UG/L	92
66) 1,1,1,2-TETRACHLOROETHANE	7.641	131	32762	8.133	UG/L	99
67) ETHYLBENZENE	7.671	91	161364	10.032	UG/L	93
68) M/P-XYLENES	7.791	91	272047	21.269	UG/L	88
69) O-XYLENE	8.173	91	143309	10.521	UG/L	90
70) STYRENE	8.190	104	100993	9.054	UG/L	93
71) BROMOFORM	8.357	173	17709	7.889	UG/L #	97
72) ISOPROPYLBENZENE	8.544	105	150295	9.798	UG/L	95
73) CIS-1,4-DICHLORO-2-BUTENE	8.619	53	10684	8.354	UG/L #	86
74) 1,1,2,2-TETRACHLOROETHANE	8.848	83	40662	9.825	UG/L	99
75) 1,4-DICHLORO-2-BUTENE(...	8.909	53	10068	8.344	UG/L	100
76) BROMOBENZENE	8.815	77	65776	9.873	UG/L	88
77) 1,2,3-TRICHLOROPROPANE	8.879	110	14958	10.277	UG/L	74
78) N-PROPYLBENZENE	8.948	91	162896	10.088	UG/L	93
79) 2-CHLOROTOLUENE	9.018	91	118724	10.296	UG/L	94
80) 1,3,5-TRIMETHYLBENZENE	9.130	105	132153	10.003	UG/L	95
81) 4-CHLOROTOLUENE	9.127	91	141688	10.652	UG/L	93
83) TERT-BUTYLBENZENE	9.445	119	96098	11.282	UG/L	90
84) 1,2,4-TRIMETHYLBENZENE	9.492	105	136389	11.488	UG/L	96
85) SEC-BUTYLBENZENE	9.662	105	125856	10.756	UG/L	94
86) 1,3-DICHLOROBENZENE	9.752	146	65514	9.827	UG/L	97
87) P-ISOPROPYLTOLUENE	9.813	119	103462	11.400	UG/L	94
88) 1,4-DICHLOROBENZENE	9.838	146	65585	9.833	UG/L	95
89) N-BUTYLBENZENE	10.217	91	84313	10.330	UG/L	94
90) 1,2-DICHLOROBENZENE	10.203	146	65842	10.185	UG/L	96
91) 1,2-DIBROMO-3-CHLOROPR...	10.976	75	5028	9.768	UG/L #	79
92) 1,3,5-TRICHLOROBENZENE	11.185	180	27813	7.389	UG/L	99
93) 1,2,4-TRICHLOROBENZENE	11.796	180	9701	6.130	UG/L	99
94) HEXACHLOROBUTADIENE	11.977	225	14800	9.410	UG/L	96
95) NAPHTHALENE	12.033	128	12284	7.044	UG/L	99
96) 1,2,3-TRICHLOROBENZENE	12.270	180	5159	7.530	UG/L	96

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

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Page: 3

Data File : W:\DATA\120612\VB341011.D
 Acq On : 6 Dec 2012 2:55 pm
 Sample : 8260 STD 20 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 06 15:13:27 2012

Vial: 11
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\B1108W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Thu Nov 29 07:39:26 2012
 Response via : Initial Calibration
 DataAcq Meth:B1108W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.957	168	230848	30.00	UG/L	0.00
42) 1,4-DIFLUOROBENZENE - ...	4.682	114	344413	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.521	82	204118	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	160329	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.225	65	144382	30.32	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	121.28%	
43) TOLUENE-D8 SS	6.121	98	357136	26.76	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	107.04%	
64) 4-BROMOFLUROBENZENE SS	8.684	95	156237	26.08	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	104.32%	
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	1.029	85	91202	20.593	UG/L	100
4) DIFLUOROCHLOROMETHANE	1.037	51	78410	18.624	UG/L	# 87
5) CHLOROMETHANE	1.129	50	47381	12.886	UG/L	98
6) VINYL CHLORIDE	1.188	62	65986	18.189	UG/L	100
7) BROMOMETHANE	1.358	94	34205	18.561	UG/L	96
8) CHLOROETHANE	1.419	64	31826	19.604	UG/L	99
9) FLUORODICHLOROMETHANE	1.531	67	122816	24.412	UG/L	99
10) TRICHLOROFLUOROMETHANE	1.564	101	120920	24.864	UG/L	99
11) ETHANOL	1.684	45	4591	164.361	UG/L	95
12) DI ETHYL ETHER	1.740	59	48538	20.465	UG/L	93
13) ACROLEIN	1.821	56	96732	380.508	UG/L	# 99
14) ACETONE	1.924	43	145462	183.694	UG/L	99
15) 1,1-DICHLOROETHENE	1.885	61	95406	22.405	UG/L	100
16) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	50996	24.353	UG/L	93
17) IODOMETHANE	1.991	142	848058	212.359	UG/L	89
18) METHYL ACETATE	2.150	43	38701	13.638	UG/L	95
19) T-BUTYL ALCOHOL	2.323	59	61924	213.719	UG/L	97
20) ACRYLONITRILE	2.423	53	21507	18.313	UG/L	95
21) METHYLENE CHLORIDE	2.222	49	77896	21.337	UG/L	95
22) CARBON DISULFIDE	2.038	76	1679742	250.705	UG/L	# 91
23) METHYL TERT-BUTYL ETHE...	2.443	73	197194	23.314	UG/L	94
24) TRANS 1,2-DICHLOROETHENE	2.437	61	95805	21.602	UG/L	100
25) 1,1-DICHLOROETHANE	2.816	63	116842	20.133	UG/L	99
26) VINYL ACETATE	2.875	43	1154767	191.424	UG/L	98
27) DI ISOPROPYL ETHER	2.894	45	148610	16.666	UG/L	93
28) 2-BUTANONE	3.433	43	217052	166.399	UG/L	99
29) T-BUTYL ETHYL ETHER	3.268	59	200669	20.403	UG/L	95
30) CIS-1,2-DICHLOROETHENE	3.405	61	110422	20.243	UG/L	99
31) 2,2-DICHLOROPROPANE	3.396	77	94254	21.531	UG/L	99
32) ETHYL ACETATE	3.508	43	46089	14.673	UG/L	95
33) BROMOCHLOROMETHANE	3.639	128	32585	21.137	UG/L	89
34) TETRAHYDROFURAN	3.697	42	10637	13.693	UG/L	# 76
35) CHLOROFORM	3.734	83	136016	23.832	UG/L	99
36) 1,1,1-TRICHLOROETHANE	3.904	97	125148	25.670	UG/L	97
37) CYCLOHEXANE	3.954	56	76100	16.826	UG/L	92
38) CARBON TETRACHLORIDE	4.068	117	99184	21.184	UG/L	99
39) 1,1-DICHLOROPROPENE	4.074	75	90413	21.262	UG/L	97
40) BENZENE	4.278	78	234826	19.174	UG/L	99
41) T-AMYLMETHYL ETHER	4.411	73	174632	21.503	UG/L	97
44) 1,2-DICHLOROETHANE	4.303	62	131425	23.439	UG/L	# 89
45) TRICHLOROETHENE	4.924	95	71676	22.284	UG/L	88
46) METHYLCYCLOHEXANE	5.103	83	59113	19.686	UG/L	95
47) 1,2-DICHLOROPROPANE	5.142	63	61394	17.785	UG/L	96
48) DIBROMOMETHANE	5.256	93	46399	22.844	UG/L	92
49) 1,4-DIOXANE	5.298	88	7526	216.826	UG/L	# 90
50) BROMODICHLOROMETHANE	5.426	83	105079	20.110	UG/L	100
51) 2-CHLOROETHYLVINYLETHER	5.747	63	473716	582.887	UG/L	95
52) MIBK	6.040	43	468195	171.244	UG/L	98
53) CIS-1,3-DICHLOROPROPENE	5.867	75	106675	17.986	UG/L	96

Data File : W:\DATA\120612\VB341011.D
 Acq On : 6 Dec 2012 2:55 pm
 Sample : 8260 STD 20 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 06 15:13:27 2012

Vial: 11
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

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Quant Method : C:\MSDCHEM\1\METHODS\B1108W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Thu Nov 29 07:39:26 2012
 Response via : Initial Calibration
 DataAcq Meth:B1108W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) TOLUENE	6.185	91	274828	20.491	UG/L	97
55) TRANS-1,3,-DICHLOROPRO...	6.422	75	96253	18.318	UG/L	93
56) ETHYL METHACRYLATE	6.536	41	44601	16.274	UG/L	84
57) 1,1,2-TRICHLOROETHANE	6.592	97	62667	21.765	UG/L	96
58) 2-HEXANONE	6.860	43	328190	171.223	UG/L	98
59) TETRACHLOROETHENE	6.712	164	50746	19.469	UG/L	96
60) 1,3-DICHLOROPROPANE	6.751	76	111097	21.225	UG/L	94
61) DIBROMOCHLOROMETHANE	6.963	129	73159	18.811	UG/L	99
62) 1,2-DIBROMOETHANE	7.061	107	68914	21.058	UG/L	99
65) CHLOROBENZENE	7.551	112	188919	18.322	UG/L	95
66) 1,1,1,2-TETRACHLOROETHANE	7.638	131	68609	17.140	UG/L	96
67) ETHYLBENZENE	7.671	91	328668	20.397	UG/L	92
68) M/P-XYLENES	7.788	91	539254	42.083	UG/L	88
69) O-XYLENE	8.173	91	285977	20.956	UG/L	89
70) STYRENE	8.190	104	205992	18.434	UG/L	94
71) BROMOFORM	8.357	173	38106	14.711	UG/L	99
72) ISOPROPYLBENZENE	8.544	105	301080	19.593	UG/L	97
73) CIS-1,4-DICHLORO-2-BUTENE	8.619	53	20330	14.151	UG/L	92
74) 1,1,2,2-TETRACHLOROETHANE	8.851	83	74118	17.877	UG/L	100
75) 1,4-DICHLORO-2-BUTENE(...	8.907	53	19956	14.225	UG/L	94
76) BROMOBENZENE	8.815	77	130463	19.547	UG/L	88
77) 1,2,3-TRICHLOROPROPANE	8.879	110	28132	19.295	UG/L	98
78) N-PROPYLBENZENE	8.948	91	328201	20.290	UG/L	94
79) 2-CHLOROTOLUENE	9.015	91	236453	20.468	UG/L	94
80) 1,3,5-TRIMETHYLBENZENE	9.130	105	269371	20.353	UG/L	95
81) 4-CHLOROTOLUENE	9.127	91	282536	21.203	UG/L	94
83) TERT-BUTYLBENZENE	9.442	119	196347	22.841	UG/L	92
84) 1,2,4-TRIMETHYLBENZENE	9.492	105	272686	22.758	UG/L	96
85) SEC-BUTYLBENZENE	9.660	105	259583	21.983	UG/L	95
86) 1,3-DICHLOROBENZENE	9.749	146	133007	19.769	UG/L	96
87) P-ISOPROPYLTOLUENE	9.813	119	211011	23.038	UG/L	93
88) 1,4-DICHLOROBENZENE	9.841	146	130726	19.421	UG/L	96
89) N-BUTYLBENZENE	10.217	91	179610	21.804	UG/L	95
90) 1,2-DICHLOROBENZENE	10.201	146	129627	19.869	UG/L	97
91) 1,2-DIBROMO-3-CHLOROPR...	10.979	75	9761	16.924	UG/L #	82
92) 1,3,5-TRICHLOROBENZENE	11.185	180	61814	16.197	UG/L	100
93) 1,2,4-TRICHLOROBENZENE	11.796	180	24441	10.788	UG/L	99
94) HEXACHLOROBUTADIENE	11.977	225	30695	19.237	UG/L	98
95) NAPHTHALENE	12.030	128	32719	10.300	UG/L	98
96) 1,2,3-TRICHLOROBENZENE	12.273	180	11446	10.666	UG/L	97

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

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Page: 3

Data File : W:\DATA\120612\VB341012.D

Vial: 12

Acq On : 6 Dec 2012 3:26 pm

Operator:

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Sample : 8260 STD 50 PPB

Inst : GCMSVOA2

InstName : GCMSVOA2

Misc :

Multiplr: 1.00

Quant Time: Dec 06 16:35:09 2012

Quant Method : C:\MSDCHEM\1\METHODS\B1108W12.M

Quant Title : 8260 CALIBRATION VOAMS 5973

QLast Update : Thu Nov 29 07:39:26 2012

Response via : Initial Calibration

DataAcq Meth:B1108W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.960	168	229695	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.682	114	339102	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.523	82	214108	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.819	152	178159	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	142061	29.98	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	119.92%	
43) TOLUENE-D8 SS	6.124	98	361817	27.53	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	110.12%	
64) 4-BROMOFLUROBENZENE SS	8.684	95	166761	26.54	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	106.16%	
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	1.032	85	230932	52.406	UG/L	100
4) DIFLUOROCHLOROMETHANE	1.040	51	215035	51.333	UG/L	# 88
5) CHLOROMETHANE	1.132	50	124998	34.165	UG/L	98
6) VINYL CHLORIDE	1.188	62	181665	50.329	UG/L	98
7) BROMOMETHANE	1.366	94	97747	53.242	UG/L	98
8) CHLOROETHANE	1.425	64	87918	54.428	UG/L	99
9) FLUORODICHLOROMETHANE	1.533	67	342596	68.440	UG/L	99
10) TRICHLOROFLUOROMETHANE	1.570	101	325607	67.288	UG/L	100
11) ETHANOL	0.000		0	N.D.	d	
12) DI ETHYL ETHER	1.740	59	140199	59.408	UG/L	94
13) ACROLEIN	1.823	56	276197	1091.911	UG/L	# 99
14) ACETONE	1.921	43	429731	545.403	UG/L	97
15) 1,1-DICHLOROETHENE	1.888	61	261391	61.694	UG/L	99
16) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	139374	66.893	UG/L	93
17) IODOMETHANE	1.994	142	2345582	576.277	UG/L	88
18) METHYL ACETATE	2.150	43	109241	38.689	UG/L	93
19) T-BUTYL ALCOHOL	2.320	59	204552	709.517	UG/L	99
20) ACRYLONITRILE	2.423	53	55778	47.733	UG/L	95
21) METHYLENE CHLORIDE	2.225	49	174862	48.745	UG/L	88
22) CARBON DISULFIDE	2.041	76	4161440	624.222	UG/L	# 93
23) METHYL TERT-BUTYL ETHE...	2.445	73	555289	65.981	UG/L	93
24) TRANS 1,2-DICHLOROETHENE	2.440	61	248206	56.246	UG/L	96
25) 1,1-DICHLOROETHANE	2.813	63	310653	53.796	UG/L	99
26) VINYL ACETATE	2.878	43	2923286	487.022	UG/L	100
27) DI ISOPROPYL ETHER	2.897	45	389611	43.913	UG/L	91
28) 2-BUTANONE	3.433	43	612849	472.187	UG/L	96
29) T-BUTYL ETHYL ETHER	3.265	59	549173	56.118	UG/L	95
30) CIS-1,2-DICHLOROETHENE	3.405	61	287615	52.992	UG/L	100
31) 2,2-DICHLOROPROPANE	3.402	77	257752	59.176	UG/L	98
32) ETHYL ACETATE	3.505	43	138282	44.244	UG/L	# 97
33) BROMOCHLOROMETHANE	3.647	128	84501	55.090	UG/L	89
34) TETRAHYDROFURAN	3.695	42	34007	43.998	UG/L	# 87
35) CHLOROFORM	3.736	83	359233	63.258	UG/L	99
36) 1,1,1-TRICHLOROETHANE	3.904	97	341741	70.450	UG/L	97
37) CYCLOHEXANE	3.954	56	197263	43.836	UG/L	91
38) CARBON TETRACHLORIDE	4.068	117	279527	59.802	UG/L	99
39) 1,1-DICHLOROPROPENE	4.071	75	241550	57.090	UG/L	96
40) BENZENE	4.280	78	621864	51.033	UG/L	99
41) T-AMYL METHYL ETHER	4.411	73	488858	60.496	UG/L	98
44) 1,2-DICHLOROETHANE	4.305	62	336718	60.992	UG/L	# 90
45) TRICHLOROETHENE	4.924	95	187382	59.170	UG/L	89
46) METHYLCYCLOHEXANE	5.103	83	157695	53.340	UG/L	95
47) 1,2-DICHLOROPROPANE	5.145	63	159840	47.030	UG/L	97
48) DIBROMOMETHANE	5.256	93	122022	61.016	UG/L	92
49) 1,4-DIOXANE	5.301	88	22248	618.857	UG/L	93
50) BROMODICHLOROMETHANE	5.426	83	289279	56.542	UG/L	99
51) 2-CHLOROETHYL VINYLETHER	5.750	63	1217945	1522.099	UG/L	94
52) MIBK	6.043	43	1276434	474.171	UG/L	98
53) CIS-1,3-DICHLOROPROPENE	5.870	75	292073	50.323	UG/L	96

Data File : W:\DATA\120612\VB341012.D
 Acq On : 6 Dec 2012 3:26 pm
 Sample : 8260 STD 50 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 06 16:35:09 2012

Vial: 12
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

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Quant Method : C:\MSDCHEM\1\METHODS\B1108W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Thu Nov 29 07:39:26 2012
 Response via : Initial Calibration
 DataAcq Meth:B1108W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) TOLUENE	6.188	91	718836	54.436	UG/L	98
55) TRANS-1,3,-DICHLOROPRO...	6.422	75	280222	53.287	UG/L	93
56) ETHYL METHACRYLATE	6.539	41	131855	48.865	UG/L	87
57) 1,1,2-TRICHLOROETHANE	6.595	97	165965	58.544	UG/L	96
58) 2-HEXANONE	6.863	43	936486	496.236	UG/L	99
59) TETRACHLOROETHENE	6.712	164	132165	51.501	UG/L	94
60) 1,3-DICHLOROPROPANE	6.751	76	293277	56.909	UG/L	95
61) DIBROMOCHLOROMETHANE	6.966	129	213226	54.308	UG/L	100
62) 1,2-DIBROMOETHANE	7.063	107	182367	56.599	UG/L	98
65) CHLOROBENZENE	7.549	112	517974	47.890	UG/L	96
66) 1,1,1,2-TETRACHLOROETHANE	7.638	131	195882	46.871	UG/L	98
67) ETHYLBENZENE	7.671	91	898136	53.136	UG/L	92
68) M/P-XYLENES	7.791	91	1449793	107.862	UG/L	89
69) O-XYLENE	8.173	91	784076	54.776	UG/L	91
70) STYRENE	8.190	104	573967	48.968	UG/L	94
71) BROMOFORM	8.357	173	129221	43.212	UG/L	99
72) ISOPROPYLBENZENE	8.544	105	827605	51.343	UG/L	97
73) CIS-1,4-DICHLORO-2-BUTENE	8.619	53	72175	43.343	UG/L	89
74) 1,1,2,2-TETRACHLOROETHANE	8.851	83	220194	50.633	UG/L	98
75) 1,4-DICHLORO-2-BUTENE(...	8.907	53	71673	43.050	UG/L	87
76) BROMOBENZENE	8.817	77	358272	51.174	UG/L	90
77) 1,2,3-TRICHLOROPROPANE	8.879	110	82205	53.750	UG/L	98
78) N-PROPYLBENZENE	8.948	91	908754	53.558	UG/L	94
79) 2-CHLOROTOLUENE	9.018	91	650347	53.670	UG/L	94
80) 1,3,5-TRIMETHYLBENZENE	9.130	105	746898	53.800	UG/L	95
81) 4-CHLOROTOLUENE	9.127	91	770016	55.091	UG/L	93
83) TERT-BUTYLBENZENE	9.445	119	550144	57.592	UG/L	92
84) 1,2,4-TRIMETHYLBENZENE	9.495	105	765989	57.530	UG/L	96
85) SEC-BUTYLBENZENE	9.662	105	717075	54.648	UG/L	95
86) 1,3-DICHLOROBENZENE	9.749	146	373285	49.929	UG/L	97
87) P-ISOPROPYLTOLUENE	9.813	119	590847	58.053	UG/L	94
88) 1,4-DICHLOROBENZENE	9.841	146	373464	49.929	UG/L	95
89) N-BUTYLBENZENE	10.217	91	517885	56.578	UG/L	96
90) 1,2-DICHLOROBENZENE	10.203	146	374006	51.590	UG/L	96
91) 1,2-DIBROMO-3-CHLOROPR...	10.979	75	37917	54.120	UG/L	81
92) 1,3,5-TRICHLOROBENZENE	11.185	180	205048	48.226	UG/L	99
93) 1,2,4-TRICHLOROBENZENE	11.793	180	120915	37.616	UG/L	100
94) HEXACHLOROBUTADIENE	11.977	225	89396	50.266	UG/L	99
95) NAPHTHALENE	12.030	128	216969	36.342	UG/L	99
96) 1,2,3-TRICHLOROBENZENE	12.270	180	66127	34.817	UG/L	100

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

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Page: 3

Data File : W:\DATA\120612\VB341013.D
 Acq On : 6 Dec 2012 3:57 pm
 Sample : 8260 STD 100 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 06 16:36:10 2012

Vial: 13
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

334

Quant Method : C:\MSDCHEM\1\METHODS\B1108W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Thu Nov 29 07:39:26 2012
 Response via : Initial Calibration
 DataAcq Meth:B1108W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.959	168	249439	30.00	UG/L	0.00
42) 1,4-DIFLUOROBENZENE - ...	4.682	114	374492	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.521	82	229513	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.818	152	192694	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	152411	29.62	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	118.48%	
43) TOLUENE-D8 SS	6.123	98	395274	27.24	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	108.96%	
64) 4-BROMOFLUROBENZENE SS	8.683	95	180158	26.75	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	107.00%	
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	447052	93.421	UG/L	100
4) DIFLUOROCHLOROMETHANE	1.037	51	420163	92.361	UG/L	# 88
5) CHLOROMETHANE	1.132	50	249939	62.906	UG/L	98
6) VINYL CHLORIDE	1.188	62	360107	91.867	UG/L	99
7) BROMOMETHANE	1.358	94	224574	112.604	UG/L	99
8) CHLOROETHANE	1.419	64	169088	96.392	UG/L	100
9) FLUORODICHLOROMETHANE	1.531	67	668090	122.900	UG/L	99
10) TRICHLOROFLUOROMETHANE	1.564	101	615930	117.210	UG/L	99
11) ETHANOL	0.000		0	N.D.	d	
12) DI ETHYL ETHER	1.740	59	269872	105.304	UG/L	92
13) ACROLEIN	1.823	56	522196	1901.030	UG/L	99
14) ACETONE	1.924	43	807309	943.513	UG/L	98
15) 1,1-DICHLOROETHENE	1.885	61	495662	107.727	UG/L	98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.882	101	271368	119.934	UG/L	95
17) IODOMETHANE	1.991	142	4616675	1038.073	UG/L	92
18) METHYL ACETATE	2.152	43	234208	76.382	UG/L	93
19) T-BUTYL ALCOHOL	2.325	59	398841	1273.931	UG/L	100
20) ACRYLONITRILE	2.426	53	117313	92.446	UG/L	98
21) METHYLENE CHLORIDE	2.222	49	384261	99.135	UG/L	93
22) CARBON DISULFIDE	2.038	76	7450932	1029.184	UG/L	95
23) METHYL TERT-BUTYL ETHE...	2.445	73	1113885	121.879	UG/L	94
24) TRANS 1,2-DICHLOROETHENE	2.437	61	495096	103.313	UG/L	98
25) 1,1-DICHLOROETHANE	2.816	63	618625	98.649	UG/L	99
26) VINYL ACETATE	2.880	43	5409425	829.880	UG/L	97
27) DI ISOPROPYL ETHER	2.897	45	755776	78.441	UG/L	88
28) 2-BUTANONE	3.435	43	1201471	852.434	UG/L	94
29) T-BUTYL ETHYL ETHER	3.268	59	1137899	107.074	UG/L	95
30) CIS-1,2-DICHLOROETHENE	3.405	61	584544	99.176	UG/L	99
31) 2,2-DICHLOROPROPANE	3.399	77	539774	114.116	UG/L	98
32) ETHYL ACETATE	3.505	43	284010	83.678	UG/L	96
33) BROMOCHLOROMETHANE	3.644	128	165441	99.320	UG/L	87
34) TETRAHYDROFURAN	3.695	42	68316	81.391	UG/L	# 85
35) CHLOROFORM	3.734	83	730842	118.509	UG/L	100
36) 1,1,1-TRICHLOROETHANE	3.906	97	703545	133.555	UG/L	97
37) CYCLOHEXANE	3.954	56	397539	81.348	UG/L	91
38) CARBON TETRACHLORIDE	4.068	117	589980	116.125	UG/L	100
39) 1,1-DICHLOROPROPENE	4.074	75	498917	108.584	UG/L	96
40) BENZENE	4.277	78	1276317	96.449	UG/L	99
41) T-AMYLMETHYL ETHER	4.411	73	1037855	118.269	UG/L	98
44) 1,2-DICHLOROETHANE	4.302	62	686243	112.556	UG/L	# 90
45) TRICHLOROETHENE	4.924	95	382690	109.423	UG/L	90
46) METHYLCYCLOHEXANE	5.106	83	332434	101.819	UG/L	93
47) 1,2-DICHLOROPROPANE	5.145	63	332379	88.554	UG/L	97
48) DIBROMOMETHANE	5.256	93	254437	115.206	UG/L	92
49) 1,4-DIOXANE	5.298	88	45046	1121.222	UG/L	95
50) BROMODICHLOROMETHANE	5.426	83	611957	108.470	UG/L	100
51) 2-CHLOROETHYLVINYLETHER	5.755	63	2333305	2640.430	UG/L	93
52) MIBK	6.045	43	2407196	809.722	UG/L	97
53) CIS-1,3-DICHLOROPROPENE	5.870	75	636659	99.495	UG/L	95

Data File : W:\DATA\120612\VB341013.D
 Acq On : 6 Dec 2012 3:57 pm
 Sample : 8260 STD 100 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 06 16:36:10 2012

Vial: 13
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

335

Quant Method : C:\MSDCHEM\1\METHODS\B1108W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Thu Nov 29 07:39:26 2012
 Response via : Initial Calibration
 DataAcq Meth:B1108W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) TOLUENE	6.188	91	1488310	102.055	UG/L	98
55) TRANS-1,3,-DICHLOROPRO...	6.422	75	606911	104.073	UG/L	92
56) ETHYL METHACRYLATE	6.539	41	272446	91.426	UG/L	83
57) 1,1,2-TRICHLOROETHANE	6.595	97	347360	110.952	UG/L	96
58) 2-HEXANONE	6.865	43	1825984	876.137	UG/L	98
59) TETRACHLOROETHENE	6.712	164	281652	99.380	UG/L	96
60) 1,3-DICHLOROPROPANE	6.754	76	613940	107.874	UG/L	94
61) DIBROMOCHLOROMETHANE	6.968	129	465759	106.731	UG/L	100
62) 1,2-DIBROMOETHANE	7.066	107	383961	107.904	UG/L	100
65) CHLORO BENZENE	7.551	112	1053194	90.839	UG/L	98
66) 1,1,1,2-TETRACHLOROETHANE	7.640	131	406549	90.870	UG/L	98
67) ETHYLBENZENE	7.671	91	1794462	99.040	UG/L	93
68) M/P-XYLENES	7.791	91	2839386	197.066	UG/L	91
69) O-XYLENE	8.176	91	1568358	102.213	UG/L	91
70) STYRENE	8.190	104	1160134	92.333	UG/L	94
71) BROMOFORM	8.354	173	283140	86.297	UG/L	99
72) ISOPROPYLBENZENE	8.544	105	1676387	97.019	UG/L	98
73) CIS-1,4-DICHLORO-2-BUTENE	8.619	53	157565	86.291	UG/L	87
74) 1,1,2,2-TETRACHLOROETHANE	8.851	83	448425	96.193	UG/L	99
75) 1,4-DICHLORO-2-BUTENE(...	8.909	53	156359	85.198	UG/L #	84
76) BROMOBENZENE	8.817	77	734692	97.896	UG/L	90
77) 1,2,3-TRICHLOROPROPANE	8.881	110	165410	100.895	UG/L	98
78) N-PROPYLBENZENE	8.951	91	1826339	100.413	UG/L	95
79) 2-CHLOROTOLUENE	9.018	91	1305380	100.495	UG/L	96
80) 1,3,5-TRIMETHYLBENZENE	9.132	105	1494861	100.449	UG/L	96
81) 4-CHLOROTOLUENE	9.127	91	1549403	103.411	UG/L	94
83) TERT-BUTYLBENZENE	9.445	119	1116653	108.081	UG/L	93
84) 1,2,4-TRIMETHYLBENZENE	9.495	105	1550736	107.683	UG/L	96
85) SEC-BUTYLBENZENE	9.662	105	1457757	102.715	UG/L	95
86) 1,3-DICHLOROBENZENE	9.751	146	778475	96.272	UG/L	97
87) P-ISOPROPYLTOLUENE	9.816	119	1212645	110.159	UG/L	94
88) 1,4-DICHLOROBENZENE	9.841	146	772548	95.493	UG/L	97
89) N-BUTYLBENZENE	10.217	91	1072683	108.350	UG/L	96
90) 1,2-DICHLOROBENZENE	10.203	146	771075	98.339	UG/L	97
91) 1,2-DIBROMO-3-CHLOROPR...	10.978	75	80384	104.140	UG/L	86
92) 1,3,5-TRICHLOROBENZENE	11.185	180	430059	93.458	UG/L	100
93) 1,2,4-TRICHLOROBENZENE	11.796	180	274183	75.556	UG/L	99
94) HEXACHLOROBUTADIENE	11.977	225	186134	96.679	UG/L	99
95) NAPHTHALENE	12.030	128	517306	74.020	UG/L	100
96) 1,2,3-TRICHLOROBENZENE	12.270	180	147659	66.649	UG/L	99

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

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Page: 3

Data File : W:\DATA\120612\VB341014.D
 Acq On : 6 Dec 2012 4:28 pm
 Sample : 8260 STD 200 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 07 04:53:16 2012

Vial: 14
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

337

Quant Method : C:\MSDCHEM\1\METHODS\B1108W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Thu Nov 29 07:39:26 2012
 Response via : Initial Calibration
 DataAcq Meth:B1108W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.962	168	265482	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.682	114	395488	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.523	82	239417	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.821	152	205868	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	155458	28.39	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	113.56%	
43) TOLUENE-D8 SS	6.126	98	412751	26.93	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	107.72%	
64) 4-BROMOFLUROBENZENE SS	8.686	95	190957	27.18	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	108.72%	
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	1.029	85	834377	163.824	UG/L	100
4) DIFLUOROCHLOROMETHANE	1.034	51	803948	166.047	UG/L	# 85
5) CHLOROMETHANE	1.129	50	535772	126.698	UG/L	98
6) VINYL CHLORIDE	1.188	62	752059	180.265	UG/L	99
7) BROMOMETHANE	1.355	94	219027	103.189	UG/L	98
8) CHLOROETHANE	1.411	64	345953	185.300	UG/L	100
9) FLUORODICHLOROMETHANE	1.528	67	1395728	241.238	UG/L	99
10) TRICHLOROFLUOROMETHANE	1.564	101	1311382	234.472	UG/L	99
11) ETHANOL	0.000		0	N.D.	d	
12) DI ETHYL ETHER	1.737	59	596742	218.778	UG/L	93
13) ACROLEIN	1.823	56	1104133	3776.644	UG/L	99
14) ACETONE	1.924	43	1738197	1908.694	UG/L	99
15) 1,1-DICHLOROETHENE	1.882	61	1058720	216.197	UG/L	98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.882	101	579280	240.547	UG/L	95
17) IODOMETHANE	1.991	142	8697403	1831.391	UG/L	89
18) METHYL ACETATE	2.150	43	483130	148.041	UG/L	90
19) T-BUTYL ALCOHOL	2.345	59	904218	2713.616	UG/L	97
20) ACRYLONITRILE	2.423	53	229550	169.961	UG/L	98
21) METHYLENE CHLORIDE	2.222	49	725614	176.262	UG/L	# 83
22) CARBON DISULFIDE	2.038	76	11640989	1510.782	UG/L	98
23) METHYL TERT-BUTYL ETHE...	2.445	73	2324919	239.015	UG/L	92
24) TRANS 1,2-DICHLOROETHENE	2.437	61	1013799	198.768	UG/L	92
25) 1,1-DICHLOROETHANE	2.816	63	1317489	197.398	UG/L	97
26) VINYL ACETATE	2.883	43	9439620	1360.655	UG/L	# 92
27) DI ISOPROPYL ETHER	2.900	45	1439132	140.340	UG/L	# 81
28) 2-BUTANONE	3.441	43	2362396	1574.815	UG/L	91
29) T-BUTYL ETHYL ETHER	3.268	59	2359074	208.570	UG/L	94
30) CIS-1,2-DICHLOROETHENE	3.402	61	1176754	187.587	UG/L	96
31) 2,2-DICHLOROPROPANE	3.399	77	1120172	222.509	UG/L	99
32) ETHYL ACETATE	3.508	43	591189	163.656	UG/L	96
33) BROMOCHLOROMETHANE	3.644	128	312403	176.213	UG/L	# 86
34) TETRAHYDROFURAN	3.697	42	142473	159.484	UG/L	# 84
35) CHLOROFORM	3.734	83	1489286	226.900	UG/L	99
36) 1,1,1-TRICHLOROETHANE	3.904	97	1474740	263.035	UG/L	97
37) CYCLOHEXANE	3.954	56	823894	158.405	UG/L	90
38) CARBON TETRACHLORIDE	4.068	117	1222705	226.017	UG/L	99
39) 1,1-DICHLOROPROPENE	4.074	75	1017354	208.036	UG/L	97
40) BENZENE	4.277	78	2629437	186.694	UG/L	100
41) T-AMYL METHYL ETHER	4.417	73	2150529	230.255	UG/L	96
44) 1,2-DICHLOROETHANE	4.302	62	1372316	213.135	UG/L	# 90
45) TRICHLOROETHENE	4.924	95	788232	213.415	UG/L	91
46) METHYLCYCLOHEXANE	5.106	83	704926	204.444	UG/L	92
47) 1,2-DICHLOROPROPANE	5.147	63	680522	171.683	UG/L	98
48) DIBROMOMETHANE	5.256	93	515232	220.906	UG/L	94
49) 1,4-DIOXANE	5.309	88	98090	2294.851	UG/L	91
50) BROMODICHLOROMETHANE	5.426	83	1261986	211.979	UG/L	100
51) 2-CHLOROETHYL VINYLETHER	5.764	63	4211928	4513.291	UG/L	93
52) MIBK	6.054	43	4325243	1377.667	UG/L	93
53) CIS-1,3-DICHLOROPROPENE	5.872	75	1308886	193.853	UG/L	95

Data File : W:\DATA\120612\VB341014.D
 Acq On : 6 Dec 2012 4:28 pm
 Sample : 8260 STD 200 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 07 04:53:16 2012

Vial: 14
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

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Quant Method : C:\MSDCHEM\1\METHODS\B1108W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Thu Nov 29 07:39:26 2012
 Response via : Initial Calibration
 DataAcq Meth:B1108W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) TOLUENE	6.190	91	2957848	192.055	UG/L	100
55) TRANS-1,3,-DICHLOROPRO...	6.425	75	1275149	206.610	UG/L	93
56) ETHYL METHACRYLATE	6.542	41	557961	177.297	UG/L #	81
57) 1,1,2-TRICHLOROETHANE	6.597	97	715763	216.487	UG/L	96
58) 2-HEXANONE	6.874	43	3392970	1541.573	UG/L	95
59) TETRACHLOROETHENE	6.715	164	584871	195.414	UG/L	96
60) 1,3-DICHLOROPROPANE	6.754	76	1247977	207.637	UG/L	93
61) DIBROMOCHLOROMETHANE	6.971	129	989293	213.957	UG/L	100
62) 1,2-DIBROMOETHANE	7.069	107	799577	212.775	UG/L	99
65) CHLOROBENZENE	7.554	112	2145822	177.422	UG/L	98
66) 1,1,1,2-TETRACHLOROETHANE	7.643	131	855419	183.419	UG/L	98
67) ETHYLBENZENE	7.674	91	3543007	187.456	UG/L	96
68) M/P-XYLENES	7.794	91	5414213	360.227	UG/L	94
69) O-XYLENE	8.176	91	3099347	193.634	UG/L	94
70) STYRENE	8.195	104	2358758	179.963	UG/L	93
71) BROMOFORM	8.357	173	640022	184.728	UG/L	100
72) ISOPROPYLBENZENE	8.547	105	3379904	187.516	UG/L	100
73) CIS-1,4-DICHLORO-2-BUTENE	8.622	53	329880	171.265	UG/L #	86
74) 1,1,2,2-TETRACHLOROETHANE	8.853	83	961984	197.822	UG/L	99
75) 1,4-DICHLORO-2-BUTENE(...	8.912	53	336057	173.064	UG/L #	83
76) BROMOBENZENE	8.817	77	1504992	192.242	UG/L	94
77) 1,2,3-TRICHLOROPROPANE	8.884	110	356018	208.177	UG/L	96
78) N-PROPYLBENZENE	8.954	91	3652560	192.511	UG/L	98
79) 2-CHLOROTOLUENE	9.021	91	2677083	197.571	UG/L	97
80) 1,3,5-TRIMETHYLBENZENE	9.132	105	2976701	191.748	UG/L	99
81) 4-CHLOROTOLUENE	9.132	91	3077884	196.928	UG/L	97
83) TERT-BUTYLBENZENE	9.445	119	2314747	209.707	UG/L	93
84) 1,2,4-TRIMETHYLBENZENE	9.498	105	3086666	200.622	UG/L	99
85) SEC-BUTYLBENZENE	9.665	105	3004084	198.126	UG/L	97
86) 1,3-DICHLOROBENZENE	9.754	146	1653118	191.355	UG/L	97
87) P-ISOPROPYLTOLUENE	9.816	119	2511846	213.580	UG/L	95
88) 1,4-DICHLOROBENZENE	9.843	146	1636429	189.331	UG/L	97
89) N-BUTYLBENZENE	10.220	91	2201776	208.165	UG/L	98
90) 1,2-DICHLOROBENZENE	10.206	146	1620964	193.500	UG/L	97
91) 1,2-DIBROMO-3-CHLOROPR...	10.976	75	174433	209.440	UG/L	87
92) 1,3,5-TRICHLOROBENZENE	11.188	180	914927	186.042	UG/L	99
93) 1,2,4-TRICHLOROBENZENE	11.796	180	610211	154.126	UG/L	99
94) HEXACHLOROBUTADIENE	11.977	225	396507	192.674	UG/L	99
95) NAPHTHALENE	12.030	128	1137987	147.055	UG/L	100
96) 1,2,3-TRICHLOROBENZENE	12.270	180	326270	132.595	UG/L	100

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

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Page: 3

Data File : W:\DATA\120612\VB341018.D
 Acq On : 6 Dec 2012 6:31 pm
 Sample : 8260 LFB 10 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 07 06:51:09 2012

Vial: 18
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

340

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:B1108W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.959	168	237992	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.682	114	355041	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.521	82	206574	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.818	152	161039	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	142429	23.74	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	94.96%	
43) TOLUENE-D8 SS	6.121	98	361880	24.41	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	97.64%	
64) 4-BROMOFLUROBENZENE SS	8.681	95	157235	25.09	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	100.36%	
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	31111	6.750	UG/L	97
4) DIFLUOROCHLOROMETHANE	1.037	51	37106	9.289	UG/L	96
5) CHLOROMETHANE	1.129	50	25893	9.684	UG/L	99
6) VINYL CHLORIDE	1.188	62	30087	8.809	UG/L	99
7) BROMOMETHANE	1.366	94	13471	6.485	UG/L	96
8) CHLOROETHANE	1.425	64	18244	10.831	UG/L	99
9) FLUORODICHLOROMETHANE	1.533	67	63084	10.244	UG/L	99
10) TRICHLOROFLUOROMETHANE	1.570	101	60644	10.012	UG/L	99
11) ETHANOL	0.000		0	N.D.	d	
12) DI ETHYL ETHER	1.740	59	25777	10.056	UG/L	97
13) ACROLEIN	1.823	56	36670	71.129	UG/L	# 97
14) ACETONE	1.921	43	75348	90.140	UG/L	97
15) 1,1-DICHLOROETHENE	1.887	61	51133	10.558	UG/L	97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.887	101	28651	11.341	UG/L	98
17) IODOMETHANE	1.991	142	21560	Below	Cal	99
18) METHYL ACETATE	2.150	43	22418	10.530	UG/L	97
19) T-BUTYL ALCOHOL	2.322	59	32531	91.274	UG/L	95
20) ACRYLONITRILE	2.423	53	12246	11.772	UG/L	100
21) METHYLENE CHLORIDE	2.222	49	42556	10.705	UG/L	91
22) CARBON DISULFIDE	2.038	76	84390	10.597	UG/L	# 90
23) METHYL TERT-BUTYL ETHE...	2.442	73	117590	11.310	UG/L	97
24) TRANS 1,2-DICHLOROETHENE	2.440	61	53986	11.285	UG/L	93
25) 1,1-DICHLOROETHANE	2.819	63	66278	11.125	UG/L	100
26) VINYL ACETATE	2.875	43	589664	102.075	UG/L	# 91
27) DI ISOPROPYL ETHER	2.894	45	89941	11.726	UG/L	90
28) 2-BUTANONE	3.432	43	110413	93.689	UG/L	96
29) T-BUTYL ETHYL ETHER	3.268	59	117964	11.460	UG/L	97
30) CIS-1,2-DICHLOROETHENE	3.405	61	58004	10.672	UG/L	97
31) 2,2-DICHLOROPROPANE	3.393	77	46998	10.313	UG/L	98
32) ETHYL ACETATE	3.505	43	22528	8.537	UG/L	97
33) BROMOCHLOROMETHANE	3.642	128	17958	11.190	UG/L	93
34) TETRAHYDROFURAN	3.697	42	6541	11.153	UG/L	98
35) CHLOROFORM	3.734	83	74117	10.948	UG/L	98
36) 1,1,1-TRICHLOROETHANE	3.906	97	67886	10.992	UG/L	97
37) CYCLOHEXANE	3.954	56	46582	11.492	UG/L	95
38) CARBON TETRACHLORIDE	4.068	117	52843	10.411	UG/L	98
39) 1,1-DICHLOROPROPENE	4.071	75	52388	11.671	UG/L	98
40) BENZENE	4.277	78	131364	10.952	UG/L	99
41) T-AMYL METHYL ETHER	4.414	73	103787	11.619	UG/L	95
44) 1,2-DICHLOROETHANE	4.302	62	70668	10.500	UG/L	98
45) TRICHLOROETHENE	4.927	95	37582	10.515	UG/L	98
46) METHYLCYCLOHEXANE	5.103	83	36398	12.470	UG/L	97
47) 1,2-DICHLOROPROPANE	5.147	63	33659	10.998	UG/L	98
48) DIBROMOMETHANE	5.253	93	25587	10.990	UG/L	98
49) 1,4-DIOXANE	5.298	88	3909	96.741	UG/L	# 84
50) BROMODICHLOROMETHANE	5.426	83	51654	10.062	UG/L	99
51) 2-CHLOROETHYL VINYLETHER	0.000		0	N.D.		
52) MIBK	6.037	43	248455	103.346	UG/L	# 92
53) CIS-1,3-DICHLOROPROPENE	5.870	75	52377	9.067	UG/L	98

Data File : W:\DATA\120612\VB341018.D
 Acq On : 6 Dec 2012 6:31 pm
 Sample : 8260 LFB 10 PPB
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 07 06:51:09 2012

Vial: 18
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

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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:B1108W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) TOLUENE	6.185	91	148891	10.835	UG/L	98
55) TRANS-1,3,-DICHLOROPRO...	6.422	75	50892	9.600	UG/L	99
56) ETHYL METHACRYLATE	6.536	41	24225	10.574	UG/L	99
57) 1,1,2-TRICHLOROETHANE	6.592	97	34002	10.322	UG/L	99
58) 2-HEXANONE	6.860	43	168021	104.432	UG/L #	94
59) TETRACHLOROETHENE	6.715	164	28155	11.199	UG/L	99
60) 1,3-DICHLOROPROPANE	6.751	76	61376	10.870	UG/L	98
61) DIBROMOCHLOROMETHANE	6.966	129	35192	8.889	UG/L	99
62) 1,2-DIBROMOETHANE	7.060	107	36857	11.086	UG/L	99
65) CHLOROBENZENE	7.548	112	101109	10.724	UG/L	96
66) 1,1,1,2-TETRACHLOROETHANE	7.638	131	34864	10.784	UG/L	98
67) ETHYLBENZENE	7.671	91	176349	11.482	UG/L	96
68) M/P-XYLENES	7.788	91	286415	23.067	UG/L	94
69) O-XYLENE	8.173	91	150617	11.333	UG/L	97
70) STYRENE	8.190	104	108952	11.337	UG/L	99
71) BROMOFORM	8.357	173	18721	9.330	UG/L #	98
72) ISOPROPYLBENZENE	8.544	105	159797	11.590	UG/L	97
73) CIS-1,4-DICHLORO-2-BUTENE	8.616	53	9021	7.962	UG/L #	74
74) 1,1,2,2-TETRACHLOROETHANE	8.851	83	40969	10.755	UG/L	98
75) 1,4-DICHLORO-2-BUTENE(...	8.906	53	8309	8.390	UG/L #	82
76) BROMOBENZENE	8.814	77	71044	11.199	UG/L	96
77) 1,2,3-TRICHLOROPROPANE	8.879	110	15413	11.152	UG/L	77
78) N-PROPYLBENZENE	8.948	91	170049	11.021	UG/L	96
79) 2-CHLOROTOLUENE	9.018	91	125445	11.004	UG/L	97
80) 1,3,5-TRIMETHYLBENZENE	9.132	105	140970	11.240	UG/L	95
81) 4-CHLOROTOLUENE	9.127	91	150915	11.461	UG/L	96
83) TERT-BUTYLBENZENE	9.445	119	104625	11.358	UG/L	99
84) 1,2,4-TRIMETHYLBENZENE	9.495	105	143414	11.451	UG/L	97
85) SEC-BUTYLBENZENE	9.662	105	137300	11.693	UG/L	97
86) 1,3-DICHLOROBENZENE	9.749	146	69923	11.245	UG/L	99
87) P-ISOPROPYLTOLUENE	9.816	119	116036	11.998	UG/L	99
88) 1,4-DICHLOROBENZENE	9.841	146	73030	11.207	UG/L	96
89) N-BUTYLBENZENE	10.217	91	89094	9.940	UG/L	98
90) 1,2-DICHLOROBENZENE	10.200	146	68452	11.197	UG/L	98
91) 1,2-DIBROMO-3-CHLOROPR...	10.976	75	4590	8.974	UG/L	93
92) 1,3,5-TRICHLOROBENZENE	11.185	180	30506	9.632	UG/L	99
93) 1,2,4-TRICHLOROBENZENE	11.798	180	8533	10.044	UG/L	96
94) HEXACHLOROBUTADIENE	11.974	225	16706	10.963	UG/L	97
95) NAPHTHALENE	12.030	128	9265	9.956	UG/L	96
96) 1,2,3-TRICHLOROBENZENE	12.272	180	3535	9.392	UG/L	94

(#) = 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:	12L0266
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Instrument ID:	GCMSVOA2	Calibration:	1200252
Lab File ID:	VB345003.D	Calibration Date:	12/06/12 00:00
Sequence:	S003565	Injection Date:	12/10/12
Lab Sample ID:	S003565-CCV1	Injection Time:	06:55

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	100	88.7	0.1053692	9.344657E-02		-11.3	20
Acrylonitrile	A	10.0	10.7	0.1311247	0.140211		6.9	20
tert-Amyl Methyl Ether (TAME)	A	10.0	10.2	1.125973	1.148108		2.0	20
Benzene	A	10.0	11.3	1.511977	1.705165		12.8	20
Bromobenzene	A	10.0	10.7	0.9212467	0.9860588		7.0	20
Bromochloromethane	A	10.0	11.2	0.2022987	0.2270177		12.2	20
Bromodichloromethane	A	10.0	10.6	0.4337613	0.4605121		6.2	20
Bromoform	L	10.0	8.89	0.254001	0.2543785		-11.1	20
Bromomethane	L	10.0	15.8	0.3597615	0.40293		58.5	20 *
2-Butanone (MEK)	A	100	91.1	0.1485554	0.1352898		-8.9	20
tert-Butyl Alcohol (TBA)	A	100	84.9	4.492704E-02	3.815388E-02		-15.1	20
n-Butylbenzene	L	10.0	9.82	1.294154	1.640403		-1.8	20
sec-Butylbenzene	A	10.0	11.7	2.187443	2.561261		17.1	20
tert-Butylbenzene	A	10.0	11.3	1.716075	1.941593		13.1	20
tert-Butyl Ethyl Ether (TBEE)	A	10.0	10.4	1.297506	1.344686		3.6	20
Carbon Disulfide	A	100	117	1.003891	1.17913		17.5	20
Carbon Tetrachloride	A	10.0	10.4	0.6398227	0.6671857		4.3	20
Chlorobenzene	A	10.0	11.1	1.369276	1.523704		11.3	20
Chlorodibromomethane	L	10.0	9.08	0.2858921	0.3046646		-9.2	20
Chloroethane	A	10.0	10.6	0.2123244	0.2240057		5.5	20
Chloroform	A	10.0	10.9	0.8534152	0.9313308		9.1	20
Chloromethane	A	10.0	9.94	0.3370409	0.335105		-0.6	20
2-Chlorotoluene	A	10.0	11.2	1.65555	1.858811		12.3	20
4-Chlorotoluene	A	10.0	11.4	1.912311	2.173884		13.7	20

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Instrument ID:	GCMSVOA2	Calibration:	1200252
Lab File ID:	VB345003.D	Calibration Date:	12/06/12 00:00
Sequence:	S003565	Injection Date:	12/10/12
Lab Sample ID:	S003565-CCV1	Injection Time:	06:55

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	7.83	8.625667E-02	7.085036E-02		-21.7	20 *
1,2-Dibromoethane (EDB)	A	10.0	10.6	0.2809212	0.2962645		5.5	20
Dibromomethane	A	10.0	10.5	0.1967187	0.2066607		5.1	20
1,2-Dichlorobenzene	A	10.0	11.0	1.138835	1.248158		9.6	20
1,3-Dichlorobenzene	A	10.0	11.2	1.158425	1.298464		12.1	20
1,4-Dichlorobenzene	A	10.0	10.7	1.21395	1.298392		7.0	20
trans-1,4-Dichloro-2-butene	L	10.0	8.71	0.1511072	0.1274208		-12.9	20
Dichlorodifluoromethane (Freon 12)	A	10.0	9.40	0.5810085	0.5463989		-6.0	20
1,1-Dichloroethane	A	10.0	10.9	0.7509778	0.8164204		8.7	20
1,2-Dichloroethane	A	10.0	10.2	0.5686801	0.5773461		1.5	20
1,1-Dichloroethylene	A	10.0	10.8	0.6105121	0.6609651		8.3	20
cis-1,2-Dichloroethylene	A	10.0	11.2	0.6851584	0.7697285		12.3	20
trans-1,2-Dichloroethylene	A	10.0	11.5	0.6030379	0.6919209		14.7	20
1,2-Dichloropropane	A	10.0	11.0	0.2586025	0.2853724		10.4	20
1,3-Dichloropropane	A	10.0	10.3	0.4770922	0.492619		3.3	20
2,2-Dichloropropane	A	10.0	12.9	0.5744312	0.743555		29.4	20 *
1,1-Dichloropropene	A	10.0	11.4	0.5658496	0.6466796		14.3	20
cis-1,3-Dichloropropene	L	10.0	10.0	0.4167886	0.4899042		0.1	20
trans-1,3-Dichloropropene	L	10.0	9.40	0.3743376	0.4204094		-6.0	20
Diethyl Ether	A	10.0	10.0	0.3231151	0.3239053		0.2	20
Diisopropyl Ether (DIPE)	A	10.0	10.5	0.9668513	1.016158		5.1	20
1,4-Dioxane	A	100	81.2	3.414254E-03	2.770879E-03		-18.8	20
Ethylbenzene	A	10.0	11.4	2.230535	2.534961		13.6	20
Hexachlorobutadiene	L	10.0	9.41	0.2261139	0.2660423		-5.9	20
2-Hexanone (MBK)	A	100	100	0.1359479	0.1363573		0.3	20

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CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Instrument ID:	GCMSVOA2	Calibration:	1200252
Lab File ID:	VB345003.D	Calibration Date:	12/06/12 00:00
Sequence:	S003565	Injection Date:	12/10/12
Lab Sample ID:	S003565-CCV1	Injection Time:	06:55

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Isopropylbenzene (Cumene)	A	10.0	11.8	2.002255	2.368312		18.3	20
p-Isopropyltoluene (p-Cymene)	A	10.0	11.6	1.801623	2.082399		15.6	20
Methyl tert-Butyl Ether (MTBE)	A	10.0	9.87	1.310555	1.293249		-1.3	20
Methylene Chloride	A	10.0	10.8	0.5011319	0.5385432		7.5	20
4-Methyl-2-pentanone (MIBK)	A	100	101	0.2031416	0.204672		0.8	20
Naphthalene	L	10.0	9.23	0.491197	0.1094521		-7.7	20
n-Propylbenzene	A	10.0	11.5	2.240763	2.573206		14.8	20
Styrene	A	10.0	11.5	1.395717	1.609596		15.3	20
1,1,1,2-Tetrachloroethane	A	10.0	11.1	0.4695037	0.5191954		10.6	20
1,1,2,2-Tetrachloroethane	A	10.0	9.86	0.5532191	0.5454316		-1.4	20
Tetrachloroethylene	A	10.0	11.5	0.2124309	0.2435535		14.7	20
Tetrahydrofuran	A	10.0	9.56	0.0739286	7.068948E-02		-4.4	20
Toluene	A	10.0	11.0	1.161114	1.281296		10.4	20
1,2,3-Trichlorobenzene	L	10.0	8.29	0.1516888	3.874489E-02		-17.1	20
1,2,4-Trichlorobenzene	L	10.0	9.15	0.2904701	0.1177737		-8.5	20
1,3,5-Trichlorobenzene	L	10.0	8.87	0.4432274	0.5169803		-11.3	20
1,1,1-Trichloroethane	A	10.0	11.1	0.7785184	0.8641205		11.0	20
1,1,2-Trichloroethane	A	10.0	10.1	0.2783412	0.2800337		0.6	20
Trichloroethylene	A	10.0	11.0	0.3020005	0.3326622		10.2	20
Trichlorofluoromethane (Freon 11)	A	10.0	11.0	0.7635449	0.8381313		9.8	20
1,2,3-Trichloropropane	A	10.0	10.1	0.2007159	0.202257		0.8	20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	11.3	0.3184572	0.3601721		13.1	20
1,2,4-Trimethylbenzene	A	10.0	11.6	2.33311	2.700152		15.7	20

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Instrument ID:	GCMSVOA2	Calibration:	1200252
Lab File ID:	VB345003.D	Calibration Date:	12/06/12 00:00
Sequence:	S003565	Injection Date:	12/10/12
Lab Sample ID:	S003565-CCV1	Injection Time:	06:55

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	11.5	1.82143	2.090573		14.8	20
Vinyl Chloride	A	10.0	10.5	0.4305584	0.4532978		5.3	20
m+p Xylene	A	20.0	23.6	1.80325	2.132039		18.2	20
o-Xylene	A	10.0	11.6	1.930094	2.23382		15.7	20
1,2-Dichloroethane-d4	A	25.0	23.2	0.7562461	0.7015839		-7.2	
Toluene-d8	A	25.0	24.7	1.252881	1.237538		-1.2	
4-Bromofluorobenzene	A	25.0	25.0	0.9102423	0.91074		0.05	

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

* Values outside of QC limits

Data File : W:\DATA\121012\VB345003.D

Acq On : 10 Dec 2012 6:55 am

Sample : 8260 STD 10PPB/BFB

InstName : GCMSVOA2

Misc :

Quant Time: Jan 10 19:02:25 2013

Vial: 3

Operator:

Inst : GCMSVOA2

Multiplr: 1.00

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Quant Method : W:\METHODS\B1206W12.M

Quant Title : 8260 CALIBRATION VOAMS 5973

QLast Update : Tue Jul 03 12:32:45 2012

Response via : Initial Calibration

DataAcq Meth:B1108W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.957	168	244025	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.679	114	363567	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.523	82	213827	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.818	152	167635	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	142670	23.19	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	92.76%	
43) TOLUENE-D8 SS	6.123	98	374940	24.69	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	98.76%	
64) 4-BROMOFLUROBENZENE SS	8.681	95	162284	25.01	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	100.04%	
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	44445	9.404	UG/L	100
4) DIFLUOROCHLOROMETHANE	1.037	51	41274	10.077	UG/L	97
5) CHLOROMETHANE	1.132	50	27258	9.943	UG/L	100
6) VINYL CHLORIDE	1.187	62	36872	10.528	UG/L	98
7) BROMOMETHANE	1.363	94	32775	15.854	UG/L	99
8) CHLOROETHANE	1.425	64	18221	10.550	UG/L	96
9) FLUORODICHLOROMETHANE	1.530	67	69215	10.961	UG/L	98
10) TRICHLOROFLUOROMETHANE	1.570	101	68175	10.977	UG/L	99
11) ETHANOL	1.673	45	2275	84.512	UG/L	# 92
12) DI ETHYL ETHER	1.740	59	26347	10.024	UG/L	99
13) ACROLEIN	1.823	56	51592	97.599	UG/L	# 97
14) ACETONE	1.924	43	76011	88.685	UG/L	98
15) 1,1-DICHLOROETHENE	1.885	61	53764	10.826	UG/L	98
16) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	29297	11.310	UG/L	97
17) IODOMETHANE	1.991	142	375751	76.573	UG/L	97
18) METHYL ACETATE	2.155	43	18771	8.599	UG/L	99
19) T-BUTYL ALCOHOL	2.322	59	31035	84.924	UG/L	96
20) ACRYLONITRILE	2.420	53	11405	10.693	UG/L	97
21) METHYLENE CHLORIDE	2.228	49	43806	10.747	UG/L	94
22) CARBON DISULFIDE	2.038	76	959124	117.456	UG/L	# 89
23) METHYL TERT-BUTYL ETHE...	2.448	73	105195	9.868	UG/L	97
24) TRANS 1,2-DICHLOROETHENE	2.442	61	56282	11.474	UG/L	94
25) 1,1-DICHLOROETHANE	2.816	63	66409	10.871	UG/L	99
26) VINYL ACETATE	2.875	43	631162	106.557	UG/L	# 92
27) DI ISOPROPYL ETHER	2.891	45	82656	10.510	UG/L	91
28) 2-BUTANONE	3.435	43	110047	91.070	UG/L	97
29) T-BUTYL ETHYL ETHER	3.271	59	109379	10.364	UG/L	99
30) CIS-1,2-DICHLOROETHENE	3.404	61	62611	11.234	UG/L	96
31) 2,2-DICHLOROPROPANE	3.399	77	60482	12.944	UG/L	100
32) ETHYL ACETATE	3.505	43	24048	8.888	UG/L	98
33) BROMOCHLOROMETHANE	3.644	128	18466	11.222	UG/L	95
34) TETRAHYDROFURAN	3.697	42	5750	9.562	UG/L	93
35) CHLOROFORM	3.733	83	75756	10.913	UG/L	100
36) 1,1,1-TRICHLOROETHANE	3.904	97	70289	11.100	UG/L	97
37) CYCLOHEXANE	3.957	56	44795	10.778	UG/L	96
38) CARBON TETRACHLORIDE	4.065	117	54270	10.428	UG/L	97
39) 1,1-DICHLOROPROPENE	4.077	75	52602	11.428	UG/L	99
40) BENZENE	4.277	78	138701	11.278	UG/L	98
41) T-AMYL METHYL ETHER	4.414	73	93389	10.197	UG/L	95
44) 1,2-DICHLOROETHANE	4.305	62	69968	10.152	UG/L	100
45) TRICHLOROETHENE	4.924	95	40315	11.015	UG/L	99
46) METHYLCYCLOHEXANE	5.106	83	34477	11.534	UG/L	97
47) 1,2-DICHLOROPROPANE	5.147	63	34584	11.035	UG/L	99
48) DIBROMOMETHANE	5.256	93	25045	10.505	UG/L	99
49) 1,4-DIOXANE	5.292	88	3358	81.156	UG/L	# 83
50) BROMODICHLOROMETHANE	5.426	83	55809	10.617	UG/L	100
51) 2-CHLOROETHYL VINYLETHER	5.744	63	254398	106.844	UG/L	100
52) MIBK	6.040	43	248040	100.753	UG/L	# 92
53) CIS-1,3-DICHLOROPROPENE	5.870	75	59371	10.012	UG/L	99

Data File : W:\DATA\121012\VB345003.D

Acq On : 10 Dec 2012 6:55 am

Sample : 8260 STD 10PPB/BFB

InstName : GCMSVOA2

Misc :

Quant Time: Jan 10 19:02:25 2013

Vial: 3

Operator:

Inst : GCMSVOA2

Multiplr: 1.00

348

Quant Method : W:\METHODS\B1206W12.M

Quant Title : 8260 CALIBRATION VOAMS 5973

QLast Update : Tue Jul 03 12:32:45 2012

Response via : Initial Calibration

DataAcq Meth:B1108W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) TOLUENE	6.185	91	155279	11.035	UG/L	99
55) TRANS-1,3,-DICHLOROPRO...	6.419	75	50949	9.403	UG/L	100
56) ETHYL METHACRYLATE	6.536	41	22689	9.671	UG/L	96
57) 1,1,2-TRICHLOROETHANE	6.592	97	33937	10.061	UG/L	99
58) 2-HEXANONE	6.860	43	165250	100.301	UG/L	95
59) TETRACHLOROETHENE	6.712	164	29516	11.465	UG/L	98
60) 1,3-DICHLOROPROPANE	6.751	76	59700	10.325	UG/L	99
61) DIBROMOCHLOROMETHANE	6.966	129	36922	9.083	UG/L	98
62) 1,2-DIBROMOETHANE	7.063	107	35904	10.546	UG/L	100
65) CHLOROBENZENE	7.548	112	108603	11.128	UG/L	97
66) 1,1,1,2-TETRACHLOROETHANE	7.638	131	37006	11.058	UG/L	99
67) ETHYLBENZENE	7.674	91	180681	11.365	UG/L	95
68) M/P-XYLENES	7.791	91	303925	23.647	UG/L	94
69) O-XYLENE	8.173	91	159217	11.574	UG/L	97
70) STYRENE	8.190	104	114725	11.532	UG/L	99
71) BROMOFORM	8.354	173	18131	8.892	UG/L	98
72) ISOPROPYLBENZENE	8.541	105	168803	11.828	UG/L	97
73) CIS-1,4-DICHLORO-2-BUTENE	8.619	53	9653	8.174	UG/L	81
74) 1,1,2,2-TETRACHLOROETHANE	8.851	83	38876	9.859	UG/L	99
75) 1,4-DICHLORO-2-BUTENE(...	8.906	53	9082	8.708	UG/L #	80
76) BROMOBENZENE	8.817	77	70282	10.704	UG/L	97
77) 1,2,3-TRICHLOROPROPANE	8.879	110	14416	10.077	UG/L #	66
78) N-PROPYLBENZENE	8.948	91	183407	11.484	UG/L	96
79) 2-CHLOROTOLUENE	9.015	91	132488	11.228	UG/L	97
80) 1,3,5-TRIMETHYLBENZENE	9.130	105	149007	11.478	UG/L	96
81) 4-CHLOROTOLUENE	9.130	91	154945	11.368	UG/L	97
83) TERT-BUTYLBENZENE	9.445	119	108493	11.314	UG/L	99
84) 1,2,4-TRIMETHYLBENZENE	9.495	105	150880	11.573	UG/L	96
85) SEC-BUTYLBENZENE	9.662	105	143119	11.709	UG/L	96
86) 1,3-DICHLOROBENZENE	9.751	146	72556	11.209	UG/L	98
87) P-ISOPROPYLTOLUENE	9.816	119	116361	11.558	UG/L	98
88) 1,4-DICHLOROBENZENE	9.841	146	72552	10.696	UG/L	97
89) N-BUTYLBENZENE	10.217	91	91663	9.820	UG/L	97
90) 1,2-DICHLOROBENZENE	10.203	146	69745	10.960	UG/L	98
91) 1,2-DIBROMO-3-CHLOROPR...	10.981	75	3959	7.834	UG/L	96
92) 1,3,5-TRICHLOROBENZENE	11.182	180	28888	8.870	UG/L	98
93) 1,2,4-TRICHLOROBENZENE	11.795	180	6581	9.147	UG/L	97
94) HEXACHLOROBUTADIENE	11.977	225	14866	9.405	UG/L	96
95) NAPHTHALENE	12.032	128	6116	9.225	UG/L	98
96) 1,2,3-TRICHLOROBENZENE	12.275	180	2165	8.291	UG/L #	78

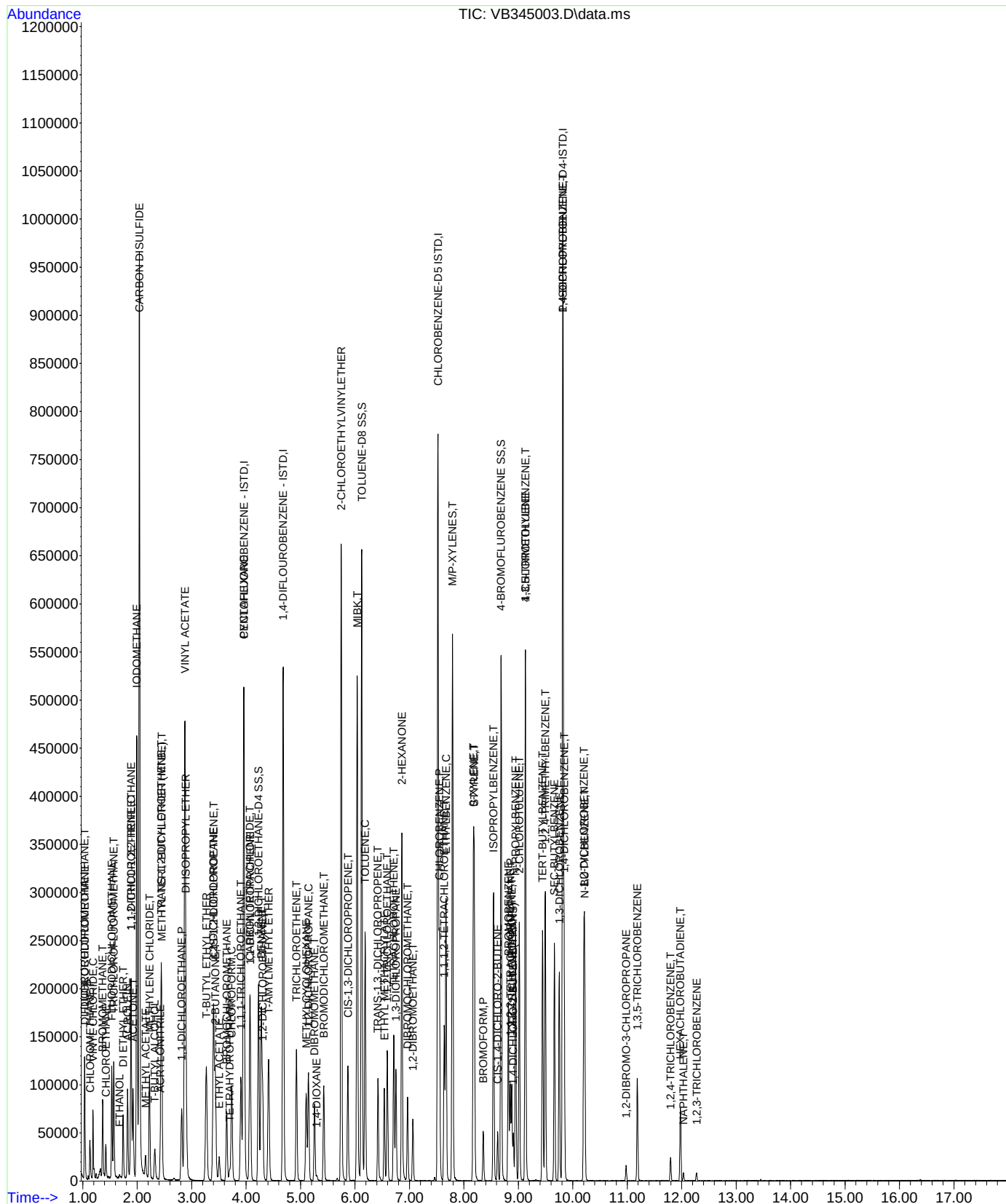
(#)=qualifier out of range (m)=manual integration (+)=signals summed

Data File : W:\DATA\121012\VB345003.D
Acq On : 10 Dec 2012 6:55 am
Sample : 8260 STD 10PPB/BFB
InstName : GCMSVOA2
Misc :
Quant Time: Jan 10 19:02:25 2013

Vial: 3
Operator:
Inst : GCMSVOA2
Multiplr: 1.00

349

Quant Method : W:\METHODS\B1206W12.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Tue Jul 03 12:32:45 2012
Response via : Initial Calibration
DataAcq Meth:B1108W12.M



7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Instrument ID:	GCMSVOA1	Calibration:	1200210
Lab File ID:	VA345004.D	Calibration Date:	11/12/12 00:00
Sequence:	S003568	Injection Date:	12/10/12
Lab Sample ID:	S003568-CCV1	Injection Time:	06:20

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Acetone	A	100	72.3	2.577451E-02	1.864664E-02		-27.7	20 *
Acrylonitrile	A	10.0	8.66	0.0952044	0.0824034		-13.4	20
tert-Amyl Methyl Ether (TAME)	A	10.0	8.67	0.6747735	0.585017		-13.3	20
Benzene	A	10.0	8.82	1.782553	1.573171		-11.7	20
Bromobenzene	A	10.0	9.03	0.4383795	0.3958416		-9.7	20
Bromochloromethane	A	10.0	10.4	0.1710785	0.1773811		3.7	20
Bromodichloromethane	A	10.0	9.44	0.3607297	0.3404685		-5.6	20
Bromoform	L	10.0	9.87	0.1248965	0.1491342		-1.3	20
Bromomethane	A	10.0	9.52	0.3584213	0.3415137		-4.7	20
2-Butanone (MEK)	A	100	81.3	2.717078E-02	2.208644E-02		-18.7	20
tert-Butyl Alcohol (TBA)	A	100	109	9.751441E-03	1.062497E-02		9.0	20
n-Butylbenzene	A	10.0	8.92	2.507204	2.235281		-10.8	20
sec-Butylbenzene	A	10.0	9.35	3.161115	2.95428		-6.5	20
tert-Butylbenzene	A	10.0	9.10	2.049035	1.864901		-9.0	20
tert-Butyl Ethyl Ether (TBEE)	A	10.0	8.65	0.851131	0.7360087		-13.5	20
Carbon Disulfide	A	100	83.0	1.544429	1.282356		-17.0	20
Carbon Tetrachloride	A	10.0	12.8	0.3652684	0.4681848		28.2	20 *
Chlorobenzene	A	10.0	8.98	0.9764761	0.8769402		-10.2	20
Chlorodibromomethane	L	10.0	9.25	0.2151966	0.2271125		-7.5	20
Chloroethane	A	10.0	8.14	0.3193873	0.2598281		-18.6	20
Chloroform	A	10.0	8.77	0.7512707	0.659181		-12.3	20
Chloromethane	A	10.0	8.75	0.5758968	0.5040338		-12.5	20
2-Chlorotoluene	A	10.0	8.72	1.264274	1.102904		-12.8	20
4-Chlorotoluene	A	10.0	8.56	1.491207	1.276205		-14.4	20

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Instrument ID:	GCMSVOA1	Calibration:	1200210
Lab File ID:	VA345004.D	Calibration Date:	11/12/12 00:00
Sequence:	S003568	Injection Date:	12/10/12
Lab Sample ID:	S003568-CCV1	Injection Time:	06:20

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	8.69	4.174731E-02	3.989743E-02		-13.1	20
1,2-Dibromoethane (EDB)	A	10.0	9.20	0.1986676	0.1827731		-8.0	20
Dibromomethane	A	10.0	8.77	0.1560108	0.1368211		-12.3	20
1,2-Dichlorobenzene	A	10.0	9.11	1.291329	1.175879		-8.9	20
1,3-Dichlorobenzene	A	10.0	9.13	1.393721	1.272716		-8.7	20
1,4-Dichlorobenzene	A	10.0	9.04	1.376075	1.243442		-9.6	20
trans-1,4-Dichloro-2-butene	L	10.0	7.59	6.133439E-02	4.848541E-02		-24.1	20 *
Dichlorodifluoromethane (Freon 12)	A	10.0	10.3	0.4652903	0.4788364		2.9	20
1,1-Dichloroethane	A	10.0	8.56	0.7912227	0.6773952		-14.4	20
1,2-Dichloroethane	A	10.0	8.23	0.3712184	0.3053512		-17.7	20
1,1-Dichloroethylene	A	10.0	8.38	0.527882	0.4425542		-16.2	20
cis-1,2-Dichloroethylene	A	10.0	9.38	0.4704005	0.4413647		-6.2	20
trans-1,2-Dichloroethylene	A	10.0	9.09	0.4633271	0.4211356		-9.1	20
1,2-Dichloropropane	A	10.0	8.46	0.3254418	0.2754171		-15.4	20
1,3-Dichloropropane	A	10.0	8.66	0.3750671	0.3246244		-13.4	20
2,2-Dichloropropane	A	10.0	10.9	0.3491148	0.3790956		8.6	20
1,1-Dichloropropene	A	10.0	8.40	0.6361096	0.5341942		-16.0	20
cis-1,3-Dichloropropene	L	10.0	8.79	0.3405338	0.3519074		-12.1	20
trans-1,3-Dichloropropene	L	10.0	8.43	0.2294305	0.2250562		-15.7	20
Diethyl Ether	A	10.0	8.36	0.2055923	0.1719438		-16.4	20
Diisopropyl Ether (DIPE)	A	10.0	8.55	1.333417	1.139899		-14.5	20
1,4-Dioxane	L	100	102	1.490958E-03	1.734528E-03		1.6	20
Ethylbenzene	A	10.0	8.75	1.703236	1.490203		-12.5	20
Hexachlorobutadiene	A	10.0	9.42	0.5685384	0.5354803		-5.8	20
2-Hexanone (MBK)	A	100	80.3	0.1216655	9.765677E-02		-19.7	20

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Instrument ID:	GCMSVOA1	Calibration:	1200210
Lab File ID:	VA345004.D	Calibration Date:	11/12/12 00:00
Sequence:	S003568	Injection Date:	12/10/12
Lab Sample ID:	S003568-CCV1	Injection Time:	06:20

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Isopropylbenzene (Cumene)	A	10.0	8.99	1.765029	1.586623		-10.1	20
p-Isopropyltoluene (p-Cymene)	A	10.0	9.21	2.549697	2.347206		-7.9	20
Methyl tert-Butyl Ether (MTBE)	A	10.0	8.58	0.722023	0.61982		-14.2	20
Methylene Chloride	L	10.0	7.31	1.708606	0.6049667		-26.9	20 *
4-Methyl-2-pentanone (MIBK)	A	100	83.6	0.1806605	0.1509966		-16.4	20
Naphthalene	L	10.0	7.15	0.7737701	0.6143649		-28.5	20 *
n-Propylbenzene	A	10.0	9.10	2.10931	1.920544		-8.9	20
Styrene	A	10.0	8.32	1.095456	0.9117317		-16.8	20
1,1,1,2-Tetrachloroethane	L	10.0	9.34	0.2307792	0.2522045		-6.6	20
1,1,2,2-Tetrachloroethane	A	10.0	8.73	0.2847066	0.2486239		-12.7	20
Tetrachloroethylene	A	10.0	9.40	0.2992595	0.2813518		-6.0	20
Tetrahydrofuran	A	10.0	8.40	2.458368E-02	0.0206393		-16.0	20
Toluene	A	10.0	8.16	0.8774693	0.7163017		-18.4	20
1,2,3-Trichlorobenzene	A	10.0	8.80	0.5788333	0.5094652		-12.0	20
1,2,4-Trichlorobenzene	A	10.0	8.74	0.7004038	0.6122636		-12.6	20
1,3,5-Trichlorobenzene	A	10.0	9.63	0.99955	0.9628087		-3.7	20
1,1,1-Trichloroethane	A	10.0	9.47	0.5752027	0.5445587		-5.3	20
1,1,2-Trichloroethane	A	10.0	8.70	0.1861736	0.1620573		-13.0	20
Trichloroethylene	A	10.0	8.84	0.3392231	0.299764		-11.6	20
Trichlorofluoromethane (Freon 11)	A	10.0	8.89	0.9542159	0.848552		-11.1	20
1,2,3-Trichloropropane	A	10.0	8.91	0.2285088	0.2035481		-10.9	20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	A	10.0	8.77	0.4742933	0.4160239		-12.3	20
1,2,4-Trimethylbenzene	A	10.0	9.15	2.33885	2.140496		-8.5	20

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

SW-846 8260C

Laboratory:	Con-Test Analytical Laboratory	Work Order:	12L0266
Client:	CDM Smith, Inc. - NY	Project:	Doro Cleaners
Instrument ID:	GCMSVOA1	Calibration:	1200210
Lab File ID:	VA345004.D	Calibration Date:	11/12/12 00:00
Sequence:	S003568	Injection Date:	12/10/12
Lab Sample ID:	S003568-CCV1	Injection Time:	06:20

COMPOUND	TYPE	CONC. (µg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
		STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,3,5-Trimethylbenzene	A	10.0	8.98	1.558199	1.399534		-10.2	20
Vinyl Chloride	A	10.0	8.81	0.643601	0.5670207		-11.9	20
m+p Xylene	A	20.0	17.7	0.6872026	0.6069831		-11.7	20
o-Xylene	A	10.0	8.63	0.6765898	0.5836838		-13.7	20
1,2-Dichloroethane-d4	A	25.0	21.6	0.4133384	0.35786		-13.4	
Toluene-d8	A	25.0	24.4	1.208386	1.181328		-2.2	
4-Bromofluorobenzene	A	25.0	23.6	0.4840972	0.4563998		-5.7	

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

* Values outside of QC limits

Data File : V:\DATA\121012\VA345004.D
 Acq On : 10 Dec 2012 6:20 am
 Sample : 8260 STD 10PPB
 InstName : GCMSVOA1
 Misc :
 Quant Time: Dec 10 06:47:23 2012

Vial: 4
 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	1170243	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.523	114	1588790	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.055	117	1508990	30.00	UG/L	0.00
86) 1,4-DICHLOROBENZENE-D4...	9.011	152	972243	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.095	65	348986	21.64	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	86.56%	
48) TOLUENE SS	5.828	98	1564069	24.44	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	97.76%	
69) 4-BROMOFLUROBENZENE SS	8.046	95	573919	23.57	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	94.28%	
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	0.982	85	186785	10.291	UG/L	98
5) CHLOROMETHANE	1.076	50	196614	8.752	UG/L	99
6) VINYL CHLORIDE	1.135	62	221184	8.810	UG/L	100
7) BROMOMETHANE	1.310	94	133218	9.524	UG/L	99
8) CHLOROETHANE	1.366	64	101354	8.135	UG/L	98
9) FLUORODICHLOROMETHANE	1.469	67	301316	8.669	UG/L	100
10) TRICHLOROFLUOROMETHANE	1.508	101	331004	8.893	UG/L	98
11) DI ETHYL ETHER	1.672	74	67072	8.363	UG/L	90
12) ACETONE	1.844	58	72737	72.345	UG/L	98
13) 1,1,2TRICL-1,2,2TRIFLE...	1.814	101	162283	8.771	UG/L	# 77
14) 1,1-DICHLOROETHENE	1.814	96	172632	8.384	UG/L	87
15) IODOMETHANE	1.917	142	3433432	94.302	UG/L	95
16) METHYL ACETATE	2.067	43	87274	8.897	UG/L	98
17) T-BUTYL ALCOHOL	2.228	59	41446	108.958	UG/L	# 78
18) ACRYLONITRILE	2.328	53	32144	8.655	UG/L	98
21) METHYLENE CHLORIDE	2.139	49	235986	7.310	UG/L	95
22) CARBON DISULFIDE	1.964	76	5002229	83.031	UG/L	98
23) METHYL TERT-BUTYL ETHE...	2.353	73	241780	8.584	UG/L	94
24) TRANS 1,2-DICHLOROETHENE	2.351	96	164277	9.089	UG/L	99
25) 1,1-DICHLOROETHANE	2.712	63	264239	8.561	UG/L	100
27) VINYL ACETATE	2.771	43	2342475	95.646	UG/L	99
28) DI ISOPROPYL ETHER	2.793	45	444653	8.549	UG/L	99
29) 2-BUTANONE	3.324	72	86155	81.287	UG/L	100
30) T-BUTYL ETHYL ETHER	3.163	59	287103	8.647	UG/L	98
31) CIS-1,2-DICHLOROETHENE	3.297	96	172168	9.383	UG/L	93
32) 2,2-DICHLOROPROPANE	3.297	77	147878	10.859	UG/L	95
36) BROMOCHLOROMETHANE	3.533	128	69193	10.368	UG/L	94
37) TETRAHYDROFURAN	3.586	72	8051	8.396	UG/L	# 77
38) CHLOROFORM	3.625	83	257134	8.774	UG/L	99
39) 1,1,1-TRICHLOROETHANE	3.792	97	212422	9.467	UG/L	94
40) CYCLOHEXANE	3.845	56	267612	8.353	UG/L	95
41) CARBON TETRACHLORIDE	3.950	117	182630	12.818	UG/L	100
42) 1,1-DICHLOROPROPENE	3.953	75	208379	8.398	UG/L	99
44) BENZENE	4.148	78	613664	8.825	UG/L	100
45) T-AMYL METHYL ETHER	4.276	73	228204	8.670	UG/L	# 87
47) METHYLCYCLOHEXANE	4.919	83	237212	8.896	UG/L	96
49) 1,2-DICHLOROETHANE	4.167	62	161713	8.226	UG/L	98
50) TRICHLOROETHENE	4.749	95	158754	8.837	UG/L	98
51) 1,2-DICHLOROPROPANE	4.949	63	145860	8.463	UG/L	100
52) DIBROMOMETHANE	5.049	93	72460	8.770	UG/L	96
54) 1,4-DIOXANE	5.080	88	9186m	101.581	UG/L	
55) BROMODICHLOROMETHANE	5.202	83	180311	9.438	UG/L	96
57) MIBK	5.750	43	799673	83.580	UG/L	99
58) CIS-1,3-DICHLOROPROPENE	5.600	75	186369	8.790	UG/L	98
59) TOLUENE	5.887	92	379351	8.163	UG/L	96
60) TRANS-1,3,-DICHLOROPRO...	6.087	75	119189	8.427	UG/L	99
62) 1,1,2-TRICHLOROETHANE	6.240	83	85825	8.705	UG/L	97
63) 2-HEXANONE	6.471	43	517187	80.267	UG/L	99
64) TETRACHLOROETHENE	6.351	164	149003	9.402	UG/L	97

Data File : V:\DATA\121012\VA345004.D
 Acq On : 10 Dec 2012 6:20 am
 Sample : 8260 STD 10PPB
 InstName : GCMSVOA1
 Misc :
 Quant Time: Dec 10 06:47:23 2012

Vial: 4
 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	171920	8.655	UG/L	98
66) DIBROMOCHLOROMETHANE	6.566	129	120278	9.249	UG/L	97
67) 1,2-DIBROMOETHANE	6.655	107	96796	9.200	UG/L	95
70) CHLOROBENZENE	7.075	112	441098	8.981	UG/L	98
71) 1,1,1,2-TETRACHLOROETHANE	7.153	131	126858	9.337	UG/L	98
72) ETHYLBENZENE	7.180	91	749567	8.749	UG/L	100
73) M/P-XYLENES	7.283	106	610621	17.665	UG/L	96
74) O-XYLENE	7.612	106	293591	8.627	UG/L	100
75) STYRENE	7.623	104	458598	8.323	UG/L	97
76) BROMOFORM	7.767	173	75014	9.866	UG/L #	97
77) ISOPROPYLBENZENE	7.929	105	798066	8.989	UG/L	100
78) 1,1,2,2-TETRACHLOROETHANE	8.179	83	125057	8.733	UG/L	95
79) 1,4-DICHLORO-2-BUTENE(...	8.232	53	24388	7.592	UG/L #	1
80) BROMOBENZENE	8.165	156	199107	9.030	UG/L	92
81) 1,2,3-TRICHLOROPROPANE	8.207	75	102384	8.908	UG/L	100
82) N-PROPYLBENZENE	8.271	91	966027	9.105	UG/L	99
83) 2-CHLOROTOLUENE	8.332	91	554757	8.724	UG/L	98
84) 1,3,5-TRIMETHYLBENZENE	8.424	105	703961	8.982	UG/L	98
85) 4-CHLOROTOLUENE	8.424	91	641927	8.558	UG/L	98
87) TERT-BUTYLBENZENE	8.691	119	604379	9.101	UG/L	99
88) 1,2,4-TRIMETHYLBENZENE	8.733	105	693694	9.152	UG/L	99
89) SEC-BUTYLBENZENE	8.877	105	957426	9.346	UG/L	100
90) 1,3-DICHLOROBENZENE	8.955	146	412463	9.132	UG/L	98
91) P-ISOPROPYLTOLUENE	9.003	119	760685	9.206	UG/L	99
92) 1,4-DICHLOROBENZENE	9.031	146	402976	9.036	UG/L	99
93) N-BUTYLBENZENE	9.345	91	724412	8.915	UG/L	98
94) 1,2-DICHLOROBENZENE	9.337	146	381080	9.106	UG/L	97
95) 1,2-DIBROMO-3-CHLOROPR...	9.990	75	12930	8.686	UG/L #	76
96) 1,3,5-TRICHLOROBENZENE	10.166	180	312028	9.632	UG/L	96
97) 1,2,4-TRICHLOROBENZENE	10.678	180	198423	8.742	UG/L	97
98) HEXACHLOROBUTADIENE	10.831	225	173539	9.419	UG/L	99
99) NAPHTHALENE	10.878	128	199104	7.150	UG/L	100
100) 1,2,3-TRICHLOROBENZENE	11.081	180	165108	8.802	UG/L	95

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

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Page: 3

8 - FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0266

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Sequence: S003565

Instrument: GCMSVOA2

Calibration: 1200252

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S003565-CCV1)			<i>Lab File ID: VB345003.D</i>			<i>Analyzed: 12/10/12 06:55</i>			
Pentafluorobenzene	244025	3.96	229904	3.959	106	50 - 200	0.0010	+/-0.50	
1,4-Difluorobenzene	363567	4.68	338571	4.679	107	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	213827	7.52	203752	7.523	105	50 - 200	-0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	167635	9.82	158865	9.816	106	50 - 200	0.0040	+/-0.50	
LCS (B064305-BS1)			<i>Lab File ID: VB345005.D</i>			<i>Analyzed: 12/10/12 07:59</i>			
Pentafluorobenzene	245684	3.96	244025	3.96	101	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	367149	4.68	363567	4.68	101	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	214725	7.52	213827	7.52	100	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	168136	9.82	167635	9.82	100	50 - 200	0.0000	+/-0.50	
LCS Dup (B064305-BSD1)			<i>Lab File ID: VB345006.D</i>			<i>Analyzed: 12/10/12 08:31</i>			
Pentafluorobenzene	241937	3.96	244025	3.96	99	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	361856	4.68	363567	4.68	100	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	213967	7.52	213827	7.52	100	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	169412	9.82	167635	9.82	101	50 - 200	0.0000	+/-0.50	
Blank (B064305-BLK1)			<i>Lab File ID: VB345008.D</i>			<i>Analyzed: 12/10/12 09:32</i>			
Pentafluorobenzene	228780	3.96	244025	3.96	94	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	342754	4.68	363567	4.68	94	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	196748	7.52	213827	7.52	92	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	131735	9.82	167635	9.82	79	50 - 200	0.0000	+/-0.50	
TB-1 (12L0266-01)			<i>Lab File ID: VB345010.D</i>			<i>Analyzed: 12/10/12 10:34</i>			
Pentafluorobenzene	230340	3.96	244025	3.96	94	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	338660	4.68	363567	4.68	93	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	194182	7.52	213827	7.52	91	50 - 200	0.0000	+/-0.50	
1,4-Dichlorobenzene-d4	134957	9.82	167635	9.82	81	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: 12L0266

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Sequence: S003568

Instrument: GCMSVOA1

Calibration: 1200210

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (S003568-CCV1)			<i>Lab File ID: VA345004.D</i>			<i>Analyzed: 12/10/12 06:20</i>			
Pentafluorobenzene	1170243	3.842	1136137	3.84	103	50 - 200	0.0020	+/-0.50	
1,4-Difluorobenzene	1588790	4.523	1581518	4.522	100	50 - 200	0.0010	+/-0.50	
Chlorobenzene-d5	1508990	7.055	1499333	7.054	101	50 - 200	0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	972243	9.011	954864	9.012	102	50 - 200	-0.0010	+/-0.50	
LCS (B064340-BS1)			<i>Lab File ID: VA345005.D</i>			<i>Analyzed: 12/10/12 06:50</i>			
Pentafluorobenzene	1152128	3.84	1170243	3.842	98	50 - 200	-0.0020	+/-0.50	
1,4-Difluorobenzene	1546378	4.522	1588790	4.523	97	50 - 200	-0.0010	+/-0.50	
Chlorobenzene-d5	1492887	7.054	1508990	7.055	99	50 - 200	-0.0010	+/-0.50	
1,4-Dichlorobenzene-d4	975593	9.012	972243	9.011	100	50 - 200	0.0010	+/-0.50	
LCS Dup (B064340-BSD1)			<i>Lab File ID: VA345006.D</i>			<i>Analyzed: 12/10/12 07:17</i>			
Pentafluorobenzene	1148501	3.84	1170243	3.842	98	50 - 200	-0.0020	+/-0.50	
1,4-Difluorobenzene	1547141	4.522	1588790	4.523	97	50 - 200	-0.0010	+/-0.50	
Chlorobenzene-d5	1486960	7.053	1508990	7.055	99	50 - 200	-0.0020	+/-0.50	
1,4-Dichlorobenzene-d4	973392	9.012	972243	9.011	100	50 - 200	0.0010	+/-0.50	
Blank (B064340-BLK1)			<i>Lab File ID: VA345008.D</i>			<i>Analyzed: 12/10/12 08:11</i>			
Pentafluorobenzene	1078106	3.842	1170243	3.842	92	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1428307	4.523	1588790	4.523	90	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1350223	7.052	1508990	7.055	89	50 - 200	-0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	766231	9.011	972243	9.011	79	50 - 200	0.0000	+/-0.50	
B-16 (12-14ft) (12L0266-02)			<i>Lab File ID: VA345012.D</i>			<i>Analyzed: 12/10/12 09:59</i>			
Pentafluorobenzene	976914	3.842	1170243	3.842	83	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1344365	4.521	1588790	4.523	85	50 - 200	-0.0020	+/-0.50	
Chlorobenzene-d5	1256818	7.053	1508990	7.055	83	50 - 200	-0.0020	+/-0.50	
1,4-Dichlorobenzene-d4	681971	9.009	972243	9.011	70	50 - 200	-0.0020	+/-0.50	

8 - FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0266

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Sequence: S003568

Instrument: GCMSVOA1

Calibration: 1200210

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
B-24 (0-4ft) (12L0266-03)			<i>Lab File ID: VA345013.D</i>		<i>Analyzed: 12/10/12 10:26</i>				
Pentafluorobenzene	968638	3.84	1170243	3.842	83	50 - 200	-0.0020	+/-0.50	
1,4-Difluorobenzene	1327910	4.522	1588790	4.523	84	50 - 200	-0.0010	+/-0.50	
Chlorobenzene-d5	1292140	7.053	1508990	7.055	86	50 - 200	-0.0020	+/-0.50	
1,4-Dichlorobenzene-d4	733142	9.012	972243	9.011	75	50 - 200	0.0010	+/-0.50	
B-17 (8-10ft) (12L0266-04)			<i>Lab File ID: VA345015.D</i>		<i>Analyzed: 12/10/12 11:20</i>				
Pentafluorobenzene	968369	3.842	1170243	3.842	83	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1213609	4.521	1588790	4.523	76	50 - 200	-0.0020	+/-0.50	
Chlorobenzene-d5	1213095	7.053	1508990	7.055	80	50 - 200	-0.0020	+/-0.50	
1,4-Dichlorobenzene-d4	712400	9.011	972243	9.011	73	50 - 200	0.0000	+/-0.50	
B-18 (6-8ft) (12L0266-05)			<i>Lab File ID: VA345016.D</i>		<i>Analyzed: 12/10/12 11:47</i>				
Pentafluorobenzene	937107	3.839	1170243	3.842	80	50 - 200	-0.0030	+/-0.50	
1,4-Difluorobenzene	1277005	4.52	1588790	4.523	80	50 - 200	-0.0030	+/-0.50	
Chlorobenzene-d5	1237417	7.052	1508990	7.055	82	50 - 200	-0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	743816	9.011	972243	9.011	77	50 - 200	0.0000	+/-0.50	
B-23 (0-2ft) (12L0266-06)			<i>Lab File ID: VA345017.D</i>		<i>Analyzed: 12/10/12 12:14</i>				
Pentafluorobenzene	895163	3.842	1170243	3.842	76	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1253784	4.523	1588790	4.523	79	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1192574	7.052	1508990	7.055	79	50 - 200	-0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	633734	9.011	972243	9.011	65	50 - 200	0.0000	+/-0.50	
B-20 (12-14ft) (12L0266-07)			<i>Lab File ID: VA345018.D</i>		<i>Analyzed: 12/10/12 12:41</i>				
Pentafluorobenzene	934988	3.843	1170243	3.842	80	50 - 200	0.0010	+/-0.50	
1,4-Difluorobenzene	1290600	4.522	1588790	4.523	81	50 - 200	-0.0010	+/-0.50	
Chlorobenzene-d5	1237897	7.051	1508990	7.055	82	50 - 200	-0.0040	+/-0.50	
1,4-Dichlorobenzene-d4	700254	9.009	972243	9.011	72	50 - 200	-0.0020	+/-0.50	

8 - FORM VIII

INTERNAL STANDARD AREA AND RT SUMMARY

SW-846 8260C

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0266

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Sequence: S003568

Instrument: GCMSVOA1

Calibration: 1200210

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
B-20 (0-2ft) (12L0266-08)			<i>Lab File ID: VA345019.D</i>			<i>Analyzed: 12/10/12 13:08</i>			
Pentafluorobenzene	920815	3.842	1170243	3.842	79	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	1257294	4.523	1588790	4.523	79	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	1178845	7.052	1508990	7.055	78	50 - 200	-0.0030	+/-0.50	
1,4-Dichlorobenzene-d4	638177	9.011	972243	9.011	66	50 - 200	0.0000	+/-0.50	

VOLATILES QC DATA

1 - FORM I

ANALYSIS DATA SHEET

Blank

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0266
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Water Laboratory ID: B064305-BLK1 File ID: VB345008.D
 Sampled: Prepared: 12/10/12 06:23 Analyzed: 12/10/12 09:32
 Solids: Preparation: SW-846 5030B Dilution:
 Batch: B064305 Sequence: S003565 Calibration: 1200252 Instrument: GCMSVOA2
 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	
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	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	V-05

1 - FORM I

ANALYSIS DATA SHEET

Blank

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0266

Client: CDM Smith, Inc. - NY Project: Doro Cleaners

Matrix: Water Laboratory ID: B064305-BLK1 File ID: VB345008.D

Sampled: Prepared: 12/10/12 06:23 Analyzed: 12/10/12 09:32

Solids: Preparation: SW-846 5030B Dilution:

Batch: B064305 Sequence: S003565 Calibration: 1200252 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	
75-34-3	1,1-Dichloroethane		0.090	1.0	
107-06-2	1,2-Dichloroethane		0.090	1.0	
75-35-4	1,1-Dichloroethylene		0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene		0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene		0.070	1.0	
78-87-5	1,2-Dichloropropane		0.20	1.0	
142-28-9	1,3-Dichloropropane		0.080	0.50	
594-20-7	2,2-Dichloropropane		0.13	1.0	
563-58-6	1,1-Dichloropropene		0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene		0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene		0.12	0.50	
60-29-7	Diethyl Ether		0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)		0.030	0.50	
123-91-1	1,4-Dioxane		3.5	50	V-16
100-41-4	Ethylbenzene		0.050	1.0	
87-68-3	Hexachlorobutadiene		0.26	0.50	
591-78-6	2-Hexanone (MBK)		0.66	10	
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: 12L0266
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Water Laboratory ID: B064305-BLK1 File ID: VB345008.D
 Sampled: Prepared: 12/10/12 06:23 Analyzed: 12/10/12 09:32
 Solids: Preparation: SW-846 5030B Dilution:
 Batch: B064305 Sequence: S003565 Calibration: 1200252 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	5.0	
103-65-1	n-Propylbenzene		0.040	1.0	
100-42-5	Styrene		0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane		0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane		0.18	0.50	
127-18-4	Tetrachloroethylene		0.14	1.0	
109-99-9	Tetrahydrofuran		1.0	10	
108-88-3	Toluene		0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene		0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene		0.11	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\121012\VB345008.D
 Acq On : 10 Dec 2012 9:32 am
 Sample : B0-BLK1
 InstName : GCMSVOA2
 Misc :
 Quant Time: Dec 10 09:54:47 2012

Vial: 8
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

365

Quant Method : C:\MSDCHEM\1\METHODS\B1206W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Fri Dec 07 06:57:32 2012
 Response via : Initial Calibration
 DataAcq Meth:B1108W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.959	168	228780	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.682	114	342754	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.523	82	196748	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.816	152	131735	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	138961	24.10	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	96.40%	
43) TOLUENE-D8 SS	6.123	98	351527	24.56	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	98.24%	
64) 4-BROMOFLUROBENZENE SS	8.683	95	148317	24.85	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	99.40%	
Target Compounds						
17) IODOMETHANE	1.996	142	361	Below Cal	#	Qvalue 1
21) METHYLENE CHLORIDE	2.222	49	1932	0.506	UG/L	95

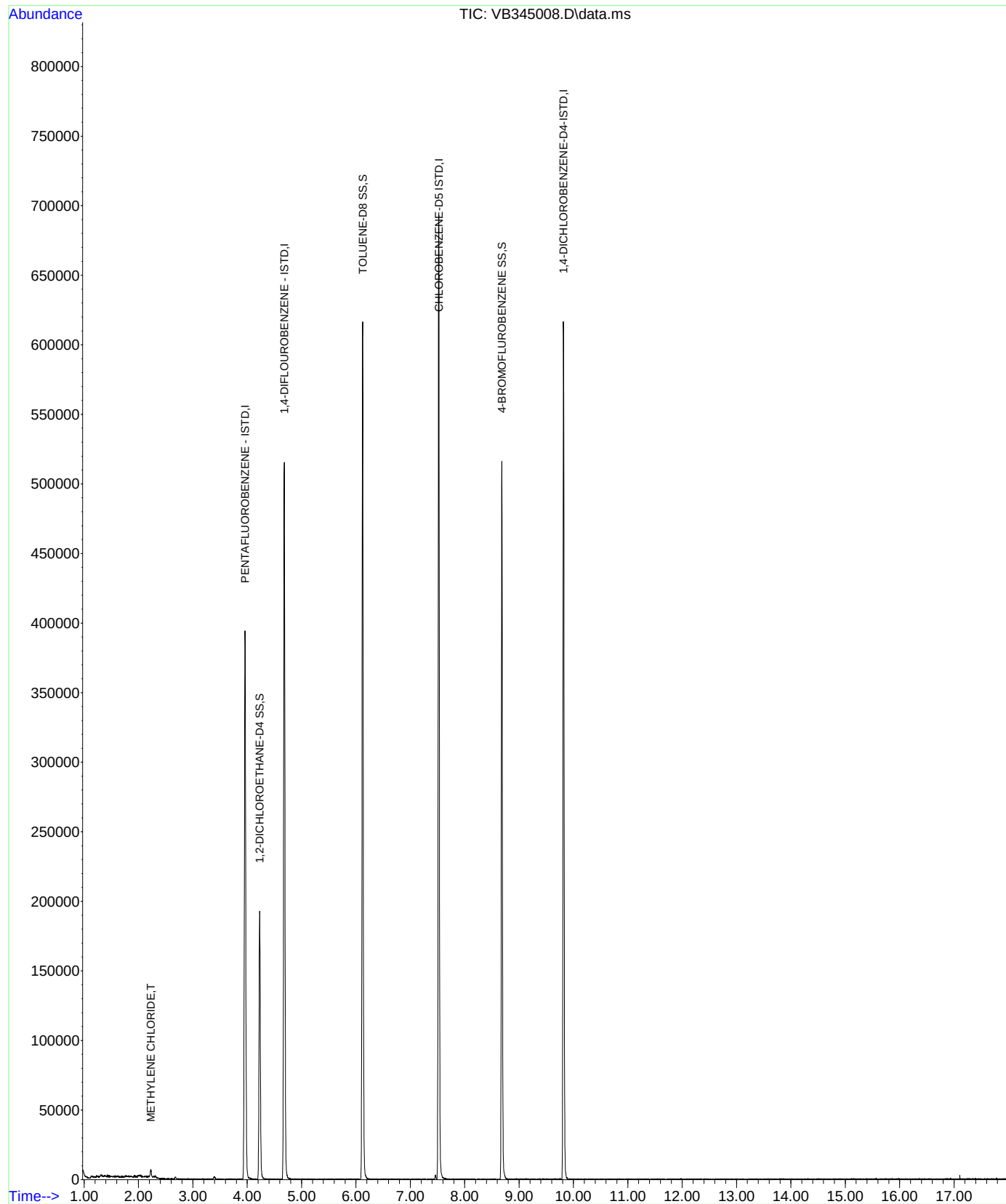
(#) = qualifier out of range (m) = manual integration (+) = signals summed

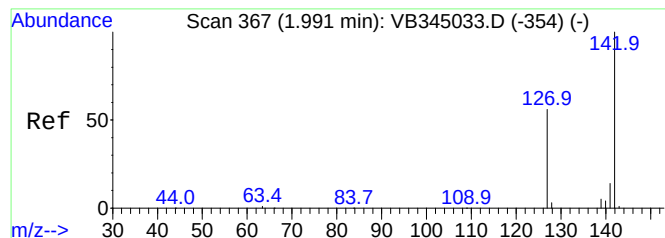
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Acq On : 10 Dec 2012 9:32 am
Sample : B0-BLK1
InstName : GCMSV0A2
Misc :
Quant Time: Dec 10 09:54:47 2012

Vial: 8
Operator:
Inst : GCMSV0A2
Multiplr: 1.00

366

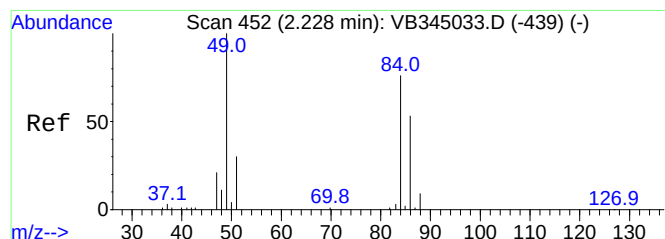
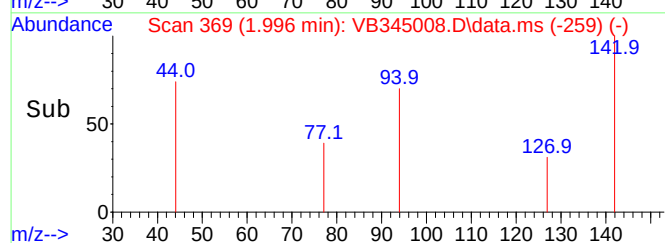
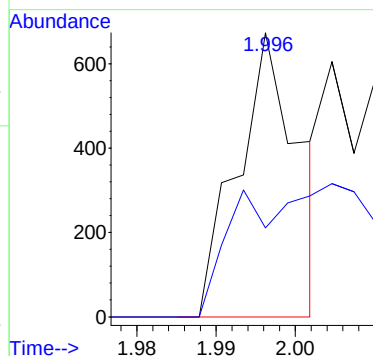
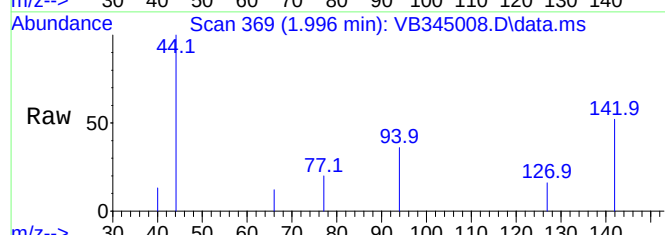
Quant Method : C:\MSDCHEM\1\METHODS\B1206W12.M
Quant Title : 8260 CALIBRATION VOAMS 5973
QLast Update : Fri Dec 07 06:57:32 2012
Response via : Initial Calibration
DataAcq Meth:B1108W12.M





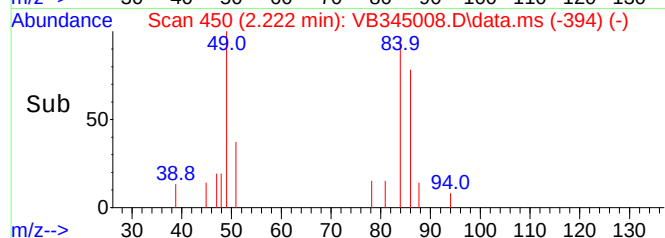
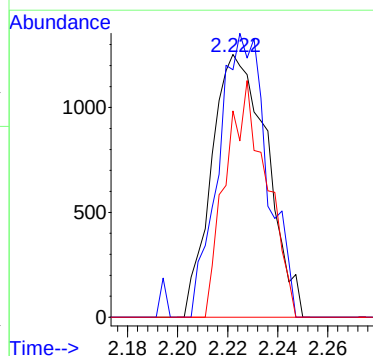
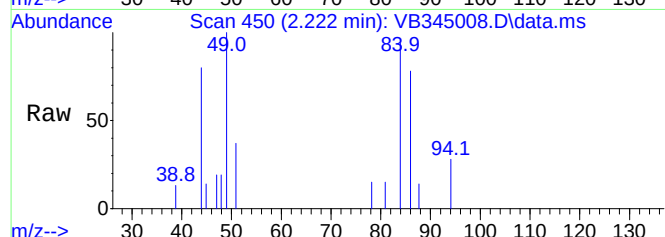
#17
 IODOMETHANE
 Concen: Below Cal
 RT: 1.996 min Scan# 369
 Delta R.T. 0.006 min
 Lab File: VB345008.D
 Acq: 10 Dec 2012 9:32 am

Tgt Ion: 142 Resp: 361
 Ion Ratio Lower Upper
 142 100
 127 126.3 42.4 63.6#



#21
 METHYLENE CHLORIDE
 Concen: 0.51 UG/L
 RT: 2.222 min Scan# 450
 Delta R.T. -0.002 min
 Lab File: VB345008.D
 Acq: 10 Dec 2012 9:32 am

Tgt Ion: 49 Resp: 1932
 Ion Ratio Lower Upper
 49 100
 84 94.6 81.4 122.2
 86 66.6 52.6 78.8



1 - FORM I

ANALYSIS DATA SHEET

LCS

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0266
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Water Laboratory ID: B064305-BS1 File ID: VB345005.D
 Sampled: Prepared: 12/10/12 06:23 Analyzed: 12/10/12 07:59
 Solids: Preparation: SW-846 5030B Dilution:
 Batch: B064305 Sequence: S003565 Calibration: 1200252 Instrument: GCMSVOA2
 Column: 1

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	96.2	0.54	50	
107-13-1	Acrylonitrile	12.2	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	11.7	0.11	0.50	
71-43-2	Benzene	11.6	0.050	1.0	
108-86-1	Bromobenzene	11.6	0.10	1.0	
74-97-5	Bromochloromethane	11.9	0.10	1.0	
75-27-4	Bromodichloromethane	10.5	0.080	0.50	
75-25-2	Bromoform	9.22	0.25	1.0	
74-83-9	Bromomethane	4.78	0.38	2.0	R-05, V-20
78-93-3	2-Butanone (MEK)	98.5	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	91.4	3.5	20	V-16
104-51-8	n-Butylbenzene	10.5	0.050	1.0	
135-98-8	sec-Butylbenzene	11.9	0.050	1.0	
98-06-6	tert-Butylbenzene	11.5	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	11.9	0.070	0.50	
75-15-0	Carbon Disulfide	10.5	0.050	2.0	
56-23-5	Carbon Tetrachloride	11.1	0.090	5.0	
108-90-7	Chlorobenzene	11.3	0.050	1.0	
124-48-1	Chlorodibromomethane	9.35	0.12	0.50	
75-00-3	Chloroethane	11.1	0.33	2.0	
67-66-3	Chloroform	11.6	0.040	2.0	
74-87-3	Chloromethane	9.56	0.13	2.0	
95-49-8	2-Chlorotoluene	11.1	0.050	1.0	
106-43-4	4-Chlorotoluene	11.6	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	9.05	0.48	5.0	V-05
106-93-4	1,2-Dibromoethane (EDB)	11.8	0.14	0.50	

1 - FORM I

ANALYSIS DATA SHEET

LCS

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0266
Client: CDM Smith, Inc. - NY Project: Doro Cleaners
Matrix: Water Laboratory ID: B064305-BS1 File ID: VB345005.D
Sampled: Prepared: 12/10/12 06:23 Analyzed: 12/10/12 07:59
Solids: Preparation: SW-846 5030B Dilution:
Batch: B064305 Sequence: S003565 Calibration: 1200252 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	11.5	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	11.6	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	11.5	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	9.06	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	6.65	0.040	2.0	
75-34-3	1,1-Dichloroethane	11.5	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.6	0.090	1.0	
75-35-4	1,1-Dichloroethylene	11.0	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	11.7	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	11.3	0.070	1.0	
78-87-5	1,2-Dichloropropane	11.8	0.20	1.0	
142-28-9	1,3-Dichloropropane	11.2	0.080	0.50	
594-20-7	2,2-Dichloropropane	13.1	0.13	1.0	L-07, V-20
563-58-6	1,1-Dichloropropene	12.2	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	9.68	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	10.4	0.12	0.50	
60-29-7	Diethyl Ether	10.5	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	12.2	0.030	0.50	
123-91-1	1,4-Dioxane	99.9	3.5	50	V-16
100-41-4	Ethylbenzene	12.1	0.050	1.0	
87-68-3	Hexachlorobutadiene	11.0	0.26	0.50	
591-78-6	2-Hexanone (MBK)	107	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	12.0	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	12.4	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	11.6	0.050	1.0	

1 - FORM I

ANALYSIS DATA SHEET

LCS

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0266
Client: CDM Smith, Inc. - NY Project: Doro Cleaners
Matrix: Water Laboratory ID: B064305-BS1 File ID: VB345005.D
Sampled: Prepared: 12/10/12 06:23 Analyzed: 12/10/12 07:59
Solids: Preparation: SW-846 5030B Dilution:
Batch: B064305 Sequence: S003565 Calibration: 1200252 Instrument: GCMSVOA2
Column: 1

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	11.1	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	106	0.22	10	
91-20-3	Naphthalene	10.5	0.21	5.0	
103-65-1	n-Propylbenzene	11.5	0.040	1.0	
100-42-5	Styrene	11.8	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	11.5	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	10.8	0.18	0.50	
127-18-4	Tetrachloroethylene	12.1	0.14	1.0	
109-99-9	Tetrahydrofuran	11.7	1.0	10	
108-88-3	Toluene	11.5	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	10.4	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	10.6	0.11	5.0	
108-70-3	1,3,5-Trichlorobenzene	10.1	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	11.4	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	10.6	0.080	1.0	
79-01-6	Trichloroethylene	11.5	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	10.6	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	11.1	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.0	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	11.9	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	11.6	0.060	1.0	
75-01-4	Vinyl Chloride	9.09	0.16	2.0	
108383/106423	m+p Xylene	24.1	0.070	2.0	
95-47-6	o-Xylene	11.8	0.050	1.0	

Data File : W:\DATA\121012\VB345005.D
 Acq On : 10 Dec 2012 7:59 am
 Sample : B0-BS1
 InstName : GCMSVOA2
 Misc :
 Quant Time: Jan 10 19:02:58 2013

Vial: 5
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

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Quant Method : W:\METHODS\B1206W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Tue Jul 03 12:32:45 2012
 Response via : Initial Calibration
 DataAcq Meth:B1108W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.962	168	245684	30.00	UG/L	0.00
42) 1,4-DIFLUOROBENZENE - ...	4.682	114	367149	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.523	82	214725	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.818	152	168136	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.227	65	144227	23.29	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	93.16%	
43) TOLUENE-D8 SS	6.123	98	373384	24.35	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	97.40%	
64) 4-BROMOFLUOROBENZENE SS	8.683	95	159787	24.53	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	98.12%	
Target Compounds						
						Qvalue
3) DICHLORODIFLUOROMETHANE	1.031	85	31623	6.646	UG/L	98
4) DIFLUOROCHLOROMETHANE	1.040	51	39465	9.570	UG/L	94
5) CHLOROMETHANE	1.132	50	26398	9.564	UG/L	100
6) VINYL CHLORIDE	1.188	62	32069	9.095	UG/L	99
7) BROMOMETHANE	1.369	94	10433	4.781	UG/L	100
8) CHLOROETHANE	1.425	64	19293	11.095	UG/L	94
9) FLUORODICHLOROMETHANE	1.533	67	68610	10.792	UG/L	99
10) TRICHLOROFLUOROMETHANE	1.570	101	65982	10.552	UG/L	98
11) ETHANOL	1.743	45	14838	547.482	UG/L	# 65
12) DI ETHYL ETHER	1.743	59	27687	10.463	UG/L	96
13) ACROLEIN	1.826	56	33481	62.910	UG/L	# 96
14) ACETONE	1.924	43	83019	96.207	UG/L	97
15) 1,1-DICHLOROETHENE	1.888	61	54833	10.967	UG/L	99
16) 1,1,2-TRICL-1,2,2-TRIF...	1.885	101	31355	12.023	UG/L	95
17) IODOMETHANE	1.991	142	47554	Below	Cal	94
18) METHYL ACETATE	2.152	43	21742	9.893	UG/L	96
19) T-BUTYL ALCOHOL	2.328	59	33644	91.442	UG/L	96
20) ACRYLONITRILE	2.423	53	13076	12.177	UG/L	97
21) METHYLENE CHLORIDE	2.228	49	45642	11.121	UG/L	91
22) CARBON DISULFIDE	2.038	76	86496	10.521	UG/L	# 90
23) METHYL TERT-BUTYL ETHE...	2.448	73	124895	11.637	UG/L	97
24) TRANS 1,2-DICHLOROETHENE	2.440	61	55964	11.332	UG/L	95
25) 1,1-DICHLOROETHANE	2.816	63	70975	11.540	UG/L	98
26) VINYL ACETATE	2.875	43	643314	107.875	UG/L	# 91
27) DI ISOPROPYL ETHER	2.891	45	96560	12.195	UG/L	89
28) 2-BUTANONE	3.432	43	119792	98.465	UG/L	96
29) T-BUTYL ETHYL ETHER	3.271	59	126022	11.860	UG/L	98
30) CIS-1,2-DICHLOROETHENE	3.405	61	65690	11.707	UG/L	97
31) 2,2-DICHLOROPROPANE	3.402	77	61822	13.142	UG/L	99
32) ETHYL ACETATE	3.505	43	24009	8.814	UG/L	98
33) BROMOCHLOROMETHANE	3.644	128	19692	11.886	UG/L	95
34) TETRAHYDROFURAN	3.700	42	7091	11.712	UG/L	97
35) CHLOROFORM	3.734	83	81155	11.612	UG/L	99
36) 1,1,1-TRICHLOROETHANE	3.906	97	72539	11.378	UG/L	98
37) CYCLOHEXANE	3.954	56	49960	11.939	UG/L	99
38) CARBON TETRACHLORIDE	4.068	117	58309	11.128	UG/L	100
39) 1,1-DICHLOROPROPENE	4.074	75	56551	12.203	UG/L	99
40) BENZENE	4.277	78	143722	11.607	UG/L	99
41) T-AMYL METHYL ETHER	4.414	73	107882	11.699	UG/L	95
44) 1,2-DICHLOROETHANE	4.305	62	74049	10.640	UG/L	94
45) TRICHLOROETHENE	4.924	95	42462	11.489	UG/L	98
46) METHYLCYCLOHEXANE	5.106	83	41680	13.808	UG/L	98
47) 1,2-DICHLOROPROPANE	5.145	63	37464	11.838	UG/L	99
48) DIBROMOMETHANE	5.256	93	27036	11.230	UG/L	99
49) 1,4-DIOXANE	5.301	88	4173	99.869	UG/L	# 87
50) BROMODICHLOROMETHANE	5.426	83	55589	10.472	UG/L	98
51) 2-CHLOROETHYL VINYLETHER	0.000		0	N.D.		
52) MIBK	6.040	43	264161	106.255	UG/L	# 92
53) CIS-1,3-DICHLOROPROPENE	5.867	75	57923	9.680	UG/L	99

Data File : W:\DATA\121012\VB345005.D
 Acq On : 10 Dec 2012 7:59 am
 Sample : B0-BS1
 InstName : GCMSVOA2
 Misc :
 Quant Time: Jan 10 19:02:58 2013

Vial: 5
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

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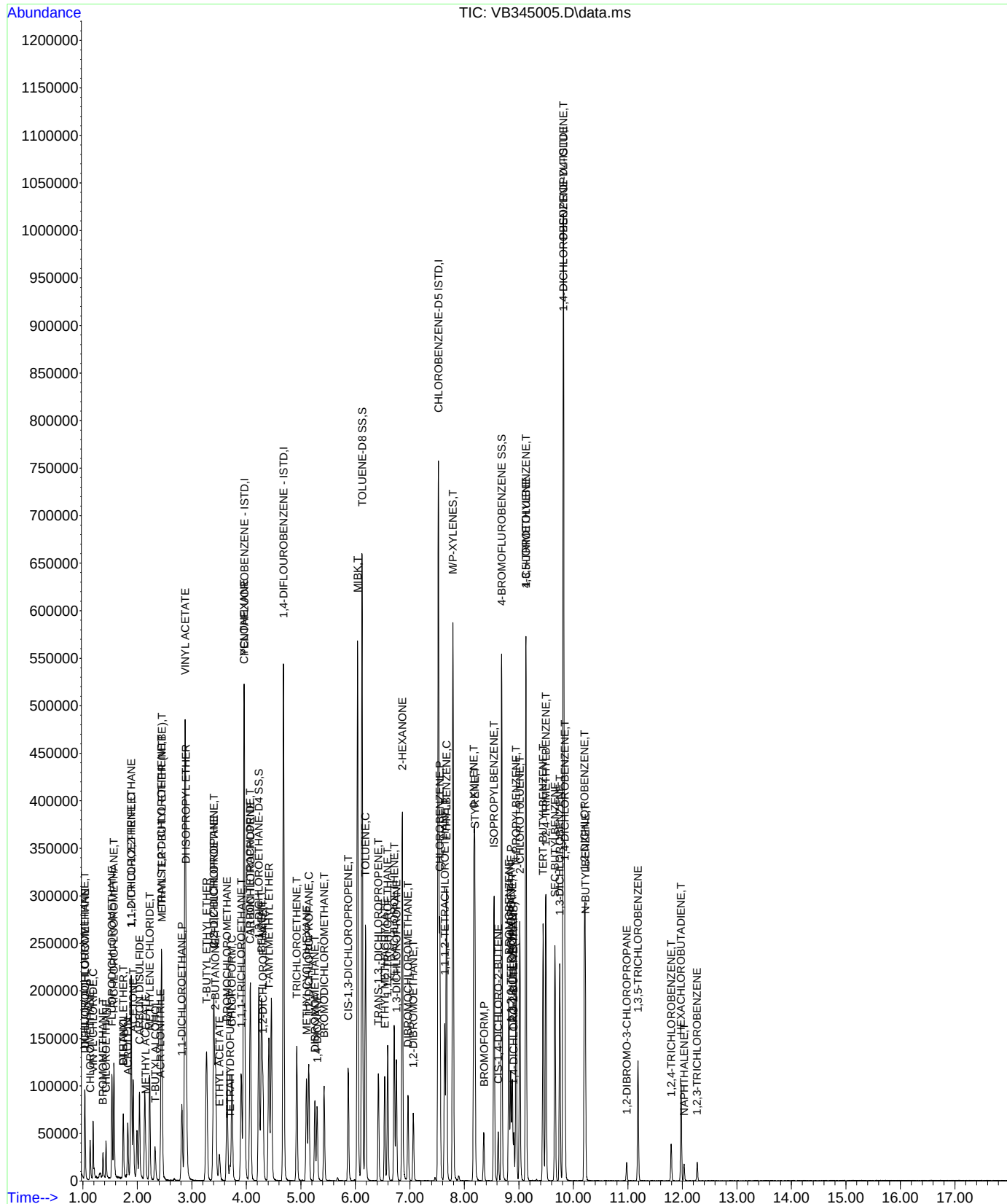
Quant Method : W:\METHODS\B1206W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Tue Jul 03 12:32:45 2012
 Response via : Initial Calibration
 DataAcq Meth:B1108W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) TOLUENE	6.185	91	163606	11.513	UG/L	99
55) TRANS-1,3,-DICHLOROPRO...	6.422	75	57192	10.367	UG/L	99
56) ETHYL METHACRYLATE	6.536	41	25555	10.787	UG/L	95
57) 1,1,2-TRICHLOROETHANE	6.592	97	36257	10.644	UG/L	99
58) 2-HEXANONE	6.860	43	177724	106.820	UG/L	96
59) TETRACHLOROETHENE	6.715	164	31377	12.069	UG/L	99
60) 1,3-DICHLOROPROPANE	6.754	76	65456	11.211	UG/L	99
61) DIBROMOCHLOROMETHANE	6.966	129	38498	9.346	UG/L	100
62) 1,2-DIBROMOETHANE	7.060	107	40541	11.792	UG/L	97
65) CHLOROBENZENE	7.548	112	110486	11.273	UG/L	96
66) 1,1,1,2-TETRACHLOROETHANE	7.640	131	38618	11.492	UG/L	99
67) ETHYLBENZENE	7.671	91	192647	12.067	UG/L	96
68) M/P-XYLENES	7.791	91	311104	24.104	UG/L	95
69) O-XYLENE	8.173	91	163698	11.850	UG/L	96
70) STYRENE	8.193	104	118355	11.848	UG/L	99
71) BROMOFORM	8.360	173	19154	9.223	UG/L #	99
72) ISOPROPYLBENZENE	8.544	105	171585	11.973	UG/L	96
73) CIS-1,4-DICHLORO-2-BUTENE	8.622	53	10240	8.541	UG/L #	75
74) 1,1,2,2-TETRACHLOROETHANE	8.851	83	42908	10.836	UG/L	99
75) 1,4-DICHLORO-2-BUTENE(...	8.907	53	9649	9.056	UG/L #	80
76) BROMOBENZENE	8.815	77	76760	11.641	UG/L	96
77) 1,2,3-TRICHLOROPROPANE	8.881	110	15882	11.055	UG/L #	67
78) N-PROPYLBENZENE	8.948	91	184508	11.504	UG/L	97
79) 2-CHLOROTOLUENE	9.015	91	131244	11.076	UG/L	97
80) 1,3,5-TRIMETHYLBENZENE	9.130	105	151459	11.618	UG/L	96
81) 4-CHLOROTOLUENE	9.130	91	159318	11.640	UG/L	97
83) TERT-BUTYLBENZENE	9.445	119	110921	11.533	UG/L	98
84) 1,2,4-TRIMETHYLBENZENE	9.495	105	156158	11.942	UG/L	96
85) SEC-BUTYLBENZENE	9.662	105	146354	11.938	UG/L	98
86) 1,3-DICHLOROBENZENE	9.749	146	75628	11.649	UG/L	100
87) P-ISOPROPYLTOLUENE	9.813	119	124995	12.379	UG/L	99
88) 1,4-DICHLOROBENZENE	9.841	146	77936	11.455	UG/L	98
89) N-BUTYLBENZENE	10.220	91	98084	10.497	UG/L	96
90) 1,2-DICHLOROBENZENE	10.203	146	73433	11.505	UG/L	99
91) 1,2-DIBROMO-3-CHLOROPR...	10.978	75	4844	9.046	UG/L	94
92) 1,3,5-TRICHLOROBENZENE	11.185	180	33644	10.107	UG/L	99
93) 1,2,4-TRICHLOROBENZENE	11.796	180	10448	10.642	UG/L	97
94) HEXACHLOROBUTADIENE	11.977	225	17420	10.949	UG/L	98
95) NAPHTHALENE	12.033	128	12364	10.511	UG/L	97
96) 1,2,3-TRICHLOROBENZENE	12.270	180	5082	10.400	UG/L	98

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

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Abundance



1 - FORM I

ANALYSIS DATA SHEET

LCS Dup

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0266
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Water Laboratory ID: B064305-BSD1 File ID: VB345006.D
 Sampled: Prepared: 12/10/12 06:23 Analyzed: 12/10/12 08:31
 Solids: Preparation: SW-846 5030B Dilution:
 Batch: B064305 Sequence: S003565 Calibration: 1200252 Instrument: GCMSVOA2
 Column: 1

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
67-64-1	Acetone	100	0.54	50	
107-13-1	Acrylonitrile	11.4	0.51	5.0	
994-05-8	tert-Amyl Methyl Ether (TAME)	11.8	0.11	0.50	
71-43-2	Benzene	11.4	0.050	1.0	
108-86-1	Bromobenzene	11.5	0.10	1.0	
74-97-5	Bromochloromethane	12.1	0.10	1.0	
75-27-4	Bromodichloromethane	10.1	0.080	0.50	
75-25-2	Bromoform	9.03	0.25	1.0	
74-83-9	Bromomethane	6.54	0.38	2.0	R-05, V-20
78-93-3	2-Butanone (MEK)	95.7	0.41	20	
75-65-0	tert-Butyl Alcohol (TBA)	95.0	3.5	20	V-16
104-51-8	n-Butylbenzene	9.68	0.050	1.0	
135-98-8	sec-Butylbenzene	11.3	0.050	1.0	
98-06-6	tert-Butylbenzene	10.9	0.050	1.0	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	11.8	0.070	0.50	
75-15-0	Carbon Disulfide	10.7	0.050	2.0	
56-23-5	Carbon Tetrachloride	10.2	0.090	5.0	
108-90-7	Chlorobenzene	11.2	0.050	1.0	
124-48-1	Chlorodibromomethane	9.04	0.12	0.50	
75-00-3	Chloroethane	11.7	0.33	2.0	
67-66-3	Chloroform	11.3	0.040	2.0	
74-87-3	Chloromethane	9.76	0.13	2.0	
95-49-8	2-Chlorotoluene	11.0	0.050	1.0	
106-43-4	4-Chlorotoluene	11.6	0.050	1.0	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	8.00	0.48	5.0	V-05
106-93-4	1,2-Dibromoethane (EDB)	11.4	0.14	0.50	

1 - FORM I

ANALYSIS DATA SHEET

LCS Dup

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0266
Client: CDM Smith, Inc. - NY Project: Doro Cleaners
Matrix: Water Laboratory ID: B064305-BSD1 File ID: VB345006.D
Sampled: Prepared: 12/10/12 06:23 Analyzed: 12/10/12 08:31
Solids: Preparation: SW-846 5030B Dilution:
Batch: B064305 Sequence: S003565 Calibration: 1200252 Instrument: GCMSVOA2
Column: 1

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
74-95-3	Dibromomethane	11.3	0.080	1.0	
95-50-1	1,2-Dichlorobenzene	11.0	0.060	1.0	
541-73-1	1,3-Dichlorobenzene	11.4	0.060	1.0	
106-46-7	1,4-Dichlorobenzene	11.2	0.11	1.0	
110-57-6	trans-1,4-Dichloro-2-butene	8.58	0.77	2.0	
75-71-8	Dichlorodifluoromethane (Freon 12)	6.01	0.040	2.0	
75-34-3	1,1-Dichloroethane	11.3	0.090	1.0	
107-06-2	1,2-Dichloroethane	10.6	0.090	1.0	
75-35-4	1,1-Dichloroethylene	11.3	0.10	1.0	
156-59-2	cis-1,2-Dichloroethylene	11.2	0.050	1.0	
156-60-5	trans-1,2-Dichloroethylene	10.8	0.070	1.0	
78-87-5	1,2-Dichloropropane	11.3	0.20	1.0	
142-28-9	1,3-Dichloropropane	11.0	0.080	0.50	
594-20-7	2,2-Dichloropropane	12.1	0.13	1.0	V-20
563-58-6	1,1-Dichloropropene	11.6	0.10	2.0	
10061-01-5	cis-1,3-Dichloropropene	9.45	0.070	0.50	
10061-02-6	trans-1,3-Dichloropropene	9.92	0.12	0.50	
60-29-7	Diethyl Ether	11.4	0.10	2.0	
108-20-3	Diisopropyl Ether (DIPE)	12.6	0.030	0.50	
123-91-1	1,4-Dioxane	96.9	3.5	50	V-16
100-41-4	Ethylbenzene	11.4	0.050	1.0	
87-68-3	Hexachlorobutadiene	10.3	0.26	0.50	
591-78-6	2-Hexanone (MBK)	104	0.66	10	
98-82-8	Isopropylbenzene (Cumene)	11.8	0.060	1.0	
99-87-6	p-Isopropyltoluene (p-Cymene)	11.9	0.060	1.0	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	11.8	0.050	1.0	

1 - FORM I

ANALYSIS DATA SHEET

LCS Dup

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0266
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Water Laboratory ID: B064305-BSD1 File ID: VB345006.D
 Sampled: Prepared: 12/10/12 06:23 Analyzed: 12/10/12 08:31
 Solids: Preparation: SW-846 5030B Dilution:
 Batch: B064305 Sequence: S003565 Calibration: 1200252 Instrument: GCMSVOA2
 Column: 1

CAS NO.	COMPOUND	CONC. (µg/L)	MDL	RL	Q
75-09-2	Methylene Chloride	10.2	2.3	5.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	104	0.22	10	
91-20-3	Naphthalene	9.90	0.21	5.0	
103-65-1	n-Propylbenzene	11.1	0.040	1.0	
100-42-5	Styrene	11.7	0.060	1.0	
630-20-6	1,1,1,2-Tetrachloroethane	11.1	0.080	1.0	
79-34-5	1,1,2,2-Tetrachloroethane	10.9	0.18	0.50	
127-18-4	Tetrachloroethylene	11.4	0.14	1.0	
109-99-9	Tetrahydrofuran	11.5	1.0	10	
108-88-3	Toluene	11.2	0.040	1.0	
87-61-6	1,2,3-Trichlorobenzene	9.65	0.22	5.0	
120-82-1	1,2,4-Trichlorobenzene	9.80	0.11	5.0	
108-70-3	1,3,5-Trichlorobenzene	9.20	0.40	1.0	
71-55-6	1,1,1-Trichloroethane	10.9	0.050	1.0	
79-00-5	1,1,2-Trichloroethane	10.6	0.080	1.0	
79-01-6	Trichloroethylene	10.8	0.12	1.0	
75-69-4	Trichlorofluoromethane (Freon 11)	10.3	0.070	2.0	
96-18-4	1,2,3-Trichloropropane	10.7	0.21	2.0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12.0	0.11	1.0	
95-63-6	1,2,4-Trimethylbenzene	11.4	0.060	1.0	
108-67-8	1,3,5-Trimethylbenzene	11.2	0.060	1.0	
75-01-4	Vinyl Chloride	9.35	0.16	2.0	
108383/106423	m+p Xylene	23.5	0.070	2.0	
95-47-6	o-Xylene	11.5	0.050	1.0	

Data File : W:\DATA\121012\VB345006.D

Acq On : 10 Dec 2012 8:31 am

Sample : B0-BSD1

InstName : GCMSVOA2

Misc :

Quant Time: Jan 10 19:03:30 2013

Vial: 6

Operator:

Inst : GCMSVOA2

Multiplr: 1.00

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Quant Method : W:\METHODS\B1206W12.M

Quant Title : 8260 CALIBRATION VOAMS 5973

QLast Update : Tue Jul 03 12:32:45 2012

Response via : Initial Calibration

DataAcq Meth:B1108W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) PENTAFLUOROBENZENE - ISTD	3.959	168	241937	30.00	UG/L	0.00
42) 1,4-DIFLOUROBENZENE - ...	4.682	114	361856	30.00	UG/L	0.00
63) CHLOROBENZENE-D5 ISTD	7.523	82	213967	30.00	UG/L	0.00
82) 1,4-DICHLOROBENZENE-D4...	9.818	152	169412	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.230	65	141707	23.24	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	92.96%	
43) TOLUENE-D8 SS	6.123	98	370067	24.49	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	97.96%	
64) 4-BROMOFLUROBENZENE SS	8.681	95	162791	25.08	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	100.32%	
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	1.031	85	28140	6.006	UG/L	100
4) DIFLUOROCHLOROMETHANE	1.037	51	36368	8.956	UG/L	95
5) CHLOROMETHANE	1.132	50	26519	9.756	UG/L	99
6) VINYL CHLORIDE	1.188	62	32480	9.354	UG/L	99
7) BROMOMETHANE	1.369	94	13808	6.542	UG/L	99
8) CHLOROETHANE	1.427	64	20018	11.691	UG/L	99
9) FLUORODICHLOROMETHANE	1.533	67	70361	11.239	UG/L	97
10) TRICHLOROFLUOROMETHANE	1.570	101	63665	10.339	UG/L	100
11) ETHANOL	1.740	45	16030	600.623	UG/L	# 67
12) DI ETHYL ETHER	1.742	59	29711	11.402	UG/L	99
13) ACROLEIN	1.821	56	37836	72.194	UG/L	# 100
14) ACETONE	1.918	43	85136	100.189	UG/L	100
15) 1,1-DICHLOROETHENE	1.887	61	55634	11.300	UG/L	97
16) 1,1,2-TRICL-1,2,2-TRIF...	1.887	101	30893	12.029	UG/L	97
17) IODOMETHANE	1.996	142	41219	Below	Cal	98
18) METHYL ACETATE	2.150	43	20049	9.264	UG/L	99
19) T-BUTYL ALCOHOL	2.311	59	34433	95.036	UG/L	97
20) ACRYLONITRILE	2.423	53	12039	11.385	UG/L	92
21) METHYLENE CHLORIDE	2.225	49	41430	10.251	UG/L	95
22) CARBON DISULFIDE	2.041	76	86976	10.743	UG/L	# 90
23) METHYL TERT-BUTYL ETHE...	2.445	73	124987	11.826	UG/L	99
24) TRANS 1,2-DICHLOROETHENE	2.442	61	52568	10.809	UG/L	98
25) 1,1-DICHLOROETHANE	2.816	63	68419	11.297	UG/L	100
26) VINYL ACETATE	2.875	43	658766	112.177	UG/L	# 91
27) DI ISOPROPYL ETHER	2.891	45	97875	12.553	UG/L	90
28) 2-BUTANONE	3.432	43	114701	95.741	UG/L	95
29) T-BUTYL ETHYL ETHER	3.268	59	123176	11.772	UG/L	98
30) CIS-1,2-DICHLOROETHENE	3.404	61	61836	11.191	UG/L	98
31) 2,2-DICHLOROPROPANE	3.402	77	56220	12.136	UG/L	98
32) ETHYL ACETATE	3.502	43	26450	9.860	UG/L	99
33) BROMOCHLOROMETHANE	3.647	128	19721	12.088	UG/L	96
34) TETRAHYDROFURAN	3.697	42	6877	11.535	UG/L	# 53
35) CHLOROFORM	3.736	83	77622	11.278	UG/L	100
36) 1,1,1-TRICHLOROETHANE	3.909	97	68403	10.895	UG/L	97
37) CYCLOHEXANE	3.954	56	47392	11.501	UG/L	96
38) CARBON TETRACHLORIDE	4.068	117	52457	10.166	UG/L	99
39) 1,1-DICHLOROPROPENE	4.077	75	52966	11.607	UG/L	98
40) BENZENE	4.277	78	139464	11.438	UG/L	99
41) T-AMYL METHYL ETHER	4.414	73	106833	11.765	UG/L	96
44) 1,2-DICHLOROETHANE	4.302	62	72621	10.587	UG/L	99
45) TRICHLOROETHENE	4.924	95	39288	10.785	UG/L	99
46) METHYLCYCLOHEXANE	5.106	83	37698	12.672	UG/L	97
47) 1,2-DICHLOROPROPANE	5.147	63	35351	11.333	UG/L	98
48) DIBROMOMETHANE	5.253	93	26718	11.260	UG/L	98
49) 1,4-DIOXANE	5.304	88	3992	96.935	UG/L	# 83
50) BROMODICHLOROMETHANE	5.423	83	52639	10.061	UG/L	98
51) 2-CHLOROETHYL VINYLETHER	0.000		0	N.D.		
52) MIBK	6.040	43	254168	103.731	UG/L	# 92
53) CIS-1,3-DICHLOROPROPENE	5.867	75	55682	9.448	UG/L	99

Data File : W:\DATA\121012\VB345006.D
 Acq On : 10 Dec 2012 8:31 am
 Sample : B0-BSD1
 InstName : GCMSVOA2
 Misc :
 Quant Time: Jan 10 19:03:30 2013

Vial: 6
 Operator:
 Inst : GCMSVOA2
 Multiplr: 1.00

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Quant Method : W:\METHODS\B1206W12.M
 Quant Title : 8260 CALIBRATION VOAMS 5973
 QLast Update : Tue Jul 03 12:32:45 2012
 Response via : Initial Calibration
 DataAcq Meth:B1108W12.M

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) TOLUENE	6.188	91	157296	11.231	UG/L	97
55) TRANS-1,3,-DICHLOROPRO...	6.425	75	53716	9.915	UG/L	99
56) ETHYL METHACRYLATE	6.536	41	25239	10.809	UG/L	98
57) 1,1,2-TRICHLOROETHANE	6.595	97	35575	10.596	UG/L	99
58) 2-HEXANONE	6.860	43	170285	103.846	UG/L	94
59) TETRACHLOROETHENE	6.712	164	29313	11.440	UG/L	98
60) 1,3-DICHLOROPROPANE	6.751	76	63385	11.015	UG/L	99
61) DIBROMOCHLOROMETHANE	6.968	129	36542	9.038	UG/L	98
62) 1,2-DIBROMOETHANE	7.063	107	38492	11.360	UG/L	98
65) CHLOROBENZENE	7.551	112	108915	11.152	UG/L	97
66) 1,1,1,2-TETRACHLOROETHANE	7.638	131	37133	11.089	UG/L	97
67) ETHYLBENZENE	7.671	91	181241	11.393	UG/L	96
68) M/P-XYLENES	7.791	91	301908	23.474	UG/L	94
69) O-XYLENE	8.176	91	158201	11.492	UG/L	97
70) STYRENE	8.190	104	116437	11.697	UG/L	98
71) BROMOFORM	8.354	173	18524	9.026	UG/L #	98
72) ISOPROPYLBENZENE	8.544	105	167790	11.750	UG/L	96
73) CIS-1,4-DICHLORO-2-BUTENE	8.616	53	8865	7.640	UG/L	81
74) 1,1,2,2-TETRACHLOROETHANE	8.848	83	43049	10.910	UG/L	98
75) 1,4-DICHLORO-2-BUTENE(...	8.909	53	8888	8.576	UG/L #	79
76) BROMOBENZENE	8.814	77	75772	11.532	UG/L	96
77) 1,2,3-TRICHLOROPROPANE	8.881	110	15351	10.723	UG/L #	61
78) N-PROPYLBENZENE	8.948	91	177149	11.085	UG/L	97
79) 2-CHLOROTOLUENE	9.015	91	130195	11.026	UG/L	97
80) 1,3,5-TRIMETHYLBENZENE	9.132	105	145796	11.223	UG/L	95
81) 4-CHLOROTOLUENE	9.127	91	158151	11.595	UG/L	97
83) TERT-BUTYLBENZENE	9.445	119	106028	10.941	UG/L	100
84) 1,2,4-TRIMETHYLBENZENE	9.495	105	149838	11.373	UG/L	98
85) SEC-BUTYLBENZENE	9.662	105	139594	11.301	UG/L	98
86) 1,3-DICHLOROBENZENE	9.751	146	74552	11.396	UG/L	99
87) P-ISOPROPYLTOLUENE	9.813	119	121092	11.902	UG/L	99
88) 1,4-DICHLOROBENZENE	9.838	146	76524	11.163	UG/L	96
89) N-BUTYLBENZENE	10.217	91	91330	9.678	UG/L	97
90) 1,2-DICHLOROBENZENE	10.203	146	70544	10.969	UG/L	99
91) 1,2-DIBROMO-3-CHLOROPR...	10.976	75	4118	7.995	UG/L	96
92) 1,3,5-TRICHLOROBENZENE	11.185	180	30461	9.203	UG/L	100
93) 1,2,4-TRICHLOROBENZENE	11.790	180	8356	9.804	UG/L	97
94) HEXACHLOROBUTADIENE	11.974	225	16436	10.268	UG/L	97
95) NAPHTHALENE	12.033	128	9466	9.898	UG/L	97
96) 1,2,3-TRICHLOROBENZENE	12.270	180	4082	9.653	UG/L	96

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

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[illegible]

1 - FORM I

ANALYSIS DATA SHEET

Blank

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0266
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B064340-BLK1 File ID: VA345008.D
 Sampled: Prepared: 12/10/12 05:45 Analyzed: 12/10/12 08:11
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B064340 Sequence: S003568 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, V-05
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: 12L0266
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B064340-BLK1 File ID: VA345008.D
 Sampled: Prepared: 12/10/12 05:45 Analyzed: 12/10/12 08:11
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B064340 Sequence: S003568 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	V-05
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: 12L0266
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B064340-BLK1 File ID: VA345008.D
 Sampled: Prepared: 12/10/12 05:45 Analyzed: 12/10/12 08:11
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B064340 Sequence: S003568 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	V-05
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\121012\VA345008.D
 Acq On : 10 Dec 2012 8:11 am
 Sample : B064340-BLK1
 InstName : GCMSVOA1
 Misc :
 Quant Time: Dec 10 08:29:38 2012

Vial: 8
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

383

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	1078106	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.523	114	1428307	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.052	117	1350223	30.00	UG/L	0.00
86) 1,4-DICHLOROBENZENE-D4...	9.011	152	766231	30.00	UG/L	# 0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.092	65	314843	21.20	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	84.80%	
48) TOLUENE SS	5.828	98	1424096	24.75	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	99.00%	
69) 4-BROMOFLUROBENZENE SS	8.046	95	508570	23.34	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	93.36%	
Target Compounds						
21) METHYLENE CHLORIDE	2.142	49	29545	Below	Cal	Qvalue 94
40) CYCLOHEXANE	3.839	56	18186	Below	Cal	# 15

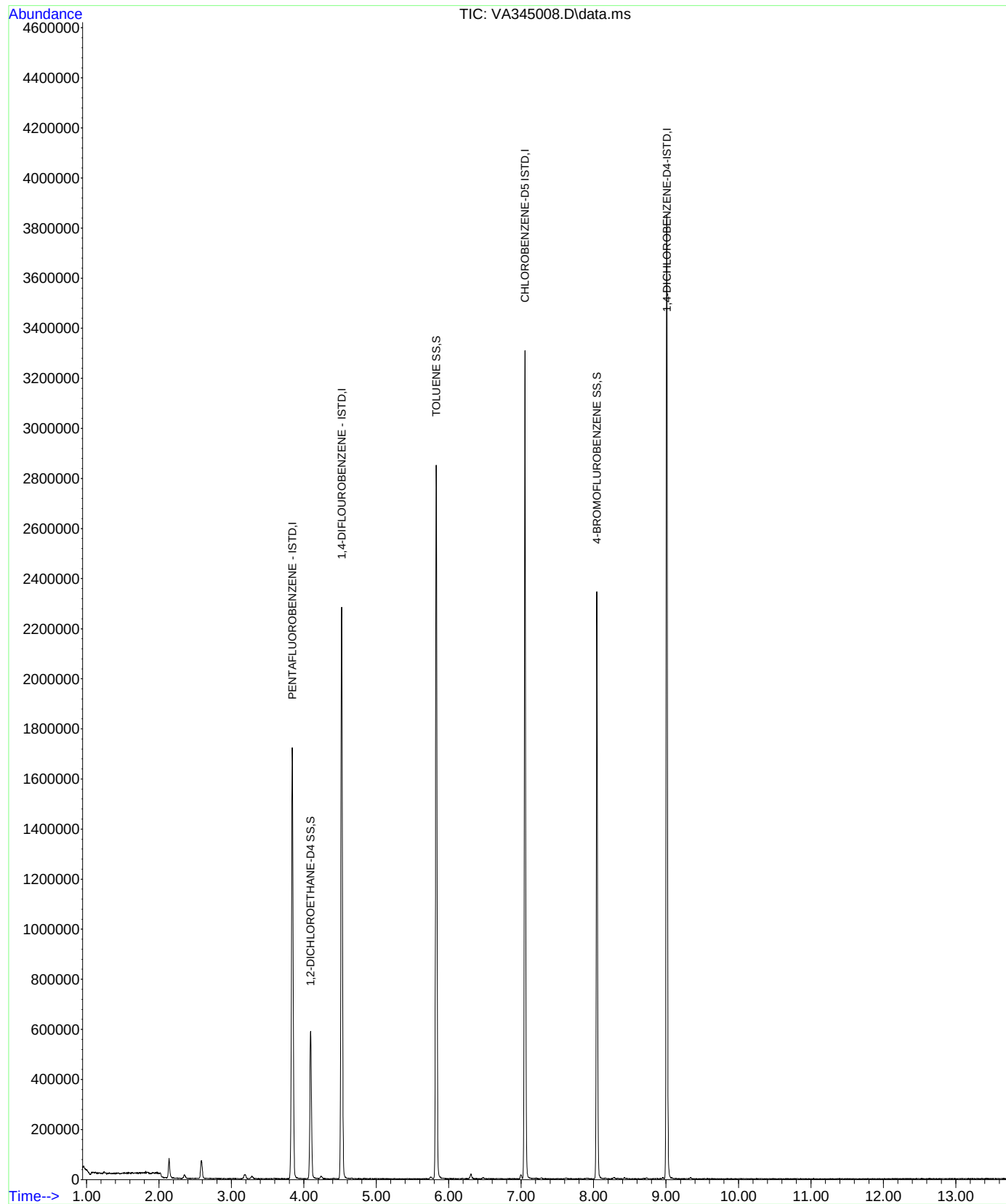
(#) = qualifier out of range (m) = manual integration (+) = signals summed

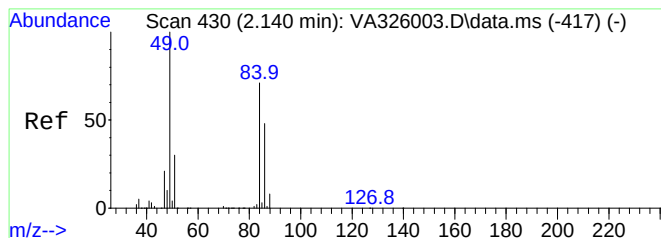
Data File : V:\DATA\121012\VA345008.D
Acq On : 10 Dec 2012 8:11 am
Sample : B064340-BLK1
InstName : GCMSV0A1
Misc :
Quant Time: Dec 10 08:29:38 2012

Vial: 8
Operator: MFF
Inst : GCMSV0A1
Multiplr: 1.00

384

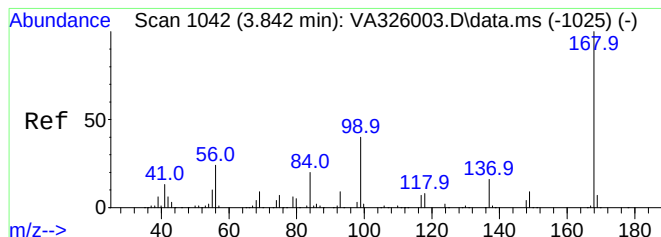
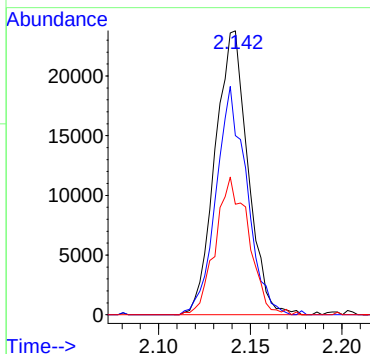
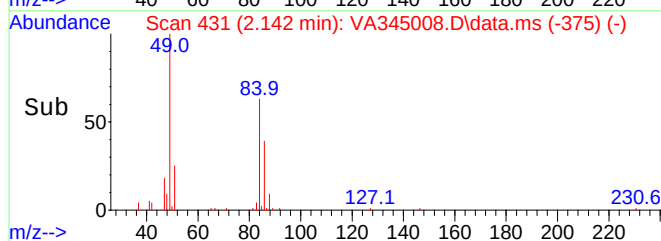
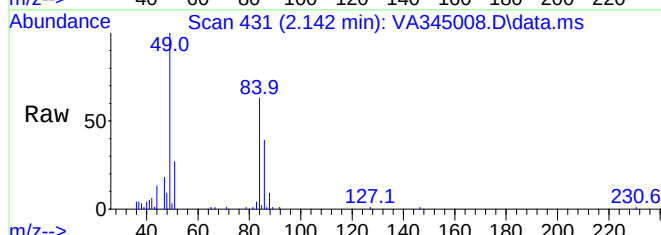
Quant Method : \\3ls2011\HPCHEM\1\METHODS\V1112S12.M
Quant Title : 8260 SOIL CALIBRATION (FRONT)
QLast Update : Mon Nov 12 13:10:19 2012
Response via : Initial Calibration
DataAcq Meth:821205S8





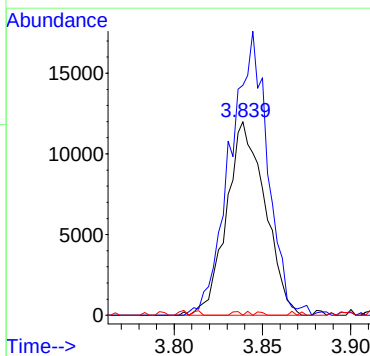
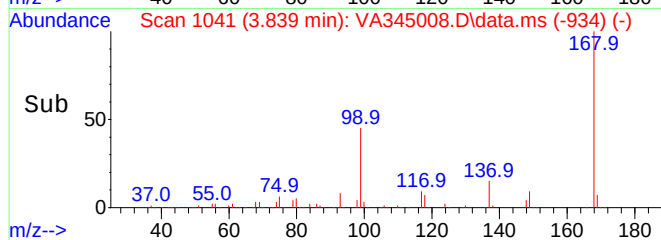
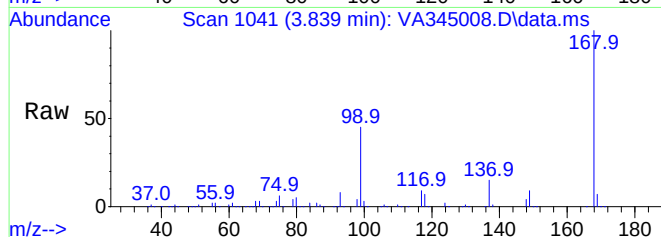
#21
METHYLENE CHLORIDE
Concen: Below Cal
RT: 2.142 min Scan# 431
Delta R.T. 0.004 min
Lab File: VA345008.D
Acq: 10 Dec 2012 8:11 am

Tgt Ion: 49 Resp: 29545
Ion Ratio Lower Upper
49 100
84 75.4 55.8 83.8
86 49.0 37.3 55.9



#40
CYCLOHEXANE
Concen: Below Cal
RT: 3.839 min Scan# 1041
Delta R.T. -0.001 min
Lab File: VA345008.D
Acq: 10 Dec 2012 8:11 am

Tgt Ion: 56 Resp: 18186
Ion Ratio Lower Upper
56 100
84 0.0 64.5 96.7#
41 0.2 44.6 67.0#



1 - FORM I

ANALYSIS DATA SHEET

LCS

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0266
Client: CDM Smith, Inc. - NY Project: Doro Cleaners
Matrix: Soil Laboratory ID: B064340-BS1 File ID: VA345005.D
Sampled: Prepared: 12/10/12 05:45 Analyzed: 12/10/12 06:50
Solids: Preparation: SW-846 5035 Dilution:
Batch: B064340 Sequence: S003568 Calibration: 1200210 Instrument: GCMSVOA1
Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
67-64-1	Acetone	0.147	0.023	0.10	V-05, V-16
107-13-1	Acrylonitrile	0.0174	0.0025	0.0060	
994-05-8	tert-Amyl Methyl Ether (TAME)	0.0182	0.00070	0.0010	
71-43-2	Benzene	0.0174	0.00070	0.0020	
108-86-1	Bromobenzene	0.0188	0.00080	0.0020	
74-97-5	Bromochloromethane	0.0199	0.0014	0.0020	
75-27-4	Bromodichloromethane	0.0176	0.00060	0.0020	
75-25-2	Bromoform	0.0189	0.0014	0.0020	
74-83-9	Bromomethane	0.0136	0.0017	0.010	
78-93-3	2-Butanone (MEK)	0.154	0.018	0.040	V-16
75-65-0	tert-Butyl Alcohol (TBA)	0.195	0.021	0.040	V-16
104-51-8	n-Butylbenzene	0.0185	0.00070	0.0020	
135-98-8	sec-Butylbenzene	0.0191	0.0010	0.0020	
98-06-6	tert-Butylbenzene	0.0184	0.00090	0.0020	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	0.0183	0.00060	0.0020	
75-15-0	Carbon Disulfide	0.0163	0.0033	0.0060	
56-23-5	Carbon Tetrachloride	0.0253	0.00080	0.0020	V-20
108-90-7	Chlorobenzene	0.0179	0.00070	0.0020	
124-48-1	Chlorodibromomethane	0.0181	0.00070	0.0010	
75-00-3	Chloroethane	0.0164	0.0015	0.020	
67-66-3	Chloroform	0.0173	0.00070	0.0040	
74-87-3	Chloromethane	0.0175	0.00090	0.010	
95-49-8	2-Chlorotoluene	0.0175	0.00080	0.0020	
106-43-4	4-Chlorotoluene	0.0178	0.00080	0.0020	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0.0164	0.0011	0.0020	V-16
106-93-4	1,2-Dibromoethane (EDB)	0.0190	0.0010	0.0010	

1 - FORM I

ANALYSIS DATA SHEET

LCS

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0266
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B064340-BS1 File ID: VA345005.D
 Sampled: Prepared: 12/10/12 05:45 Analyzed: 12/10/12 06:50
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B064340 Sequence: S003568 Calibration: 1200210 Instrument: GCMSVOA1
 Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
74-95-3	Dibromomethane	0.0177	0.00060	0.0020	
95-50-1	1,2-Dichlorobenzene	0.0183	0.00070	0.0020	
541-73-1	1,3-Dichlorobenzene	0.0186	0.00070	0.0020	
106-46-7	1,4-Dichlorobenzene	0.0191	0.00080	0.0020	
110-57-6	trans-1,4-Dichloro-2-butene	0.0153	0.0012	0.0040	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)	0.0133	0.0013	0.020	
75-34-3	1,1-Dichloroethane	0.0171	0.00070	0.0020	
107-06-2	1,2-Dichloroethane	0.0163	0.0013	0.0020	
75-35-4	1,1-Dichloroethylene	0.0169	0.0011	0.0040	
156-59-2	cis-1,2-Dichloroethylene	0.0177	0.00080	0.0020	
156-60-5	trans-1,2-Dichloroethylene	0.0176	0.00090	0.0020	
78-87-5	1,2-Dichloropropane	0.0166	0.0013	0.0020	
142-28-9	1,3-Dichloropropane	0.0172	0.00070	0.0010	
594-20-7	2,2-Dichloropropane	0.0218	0.00090	0.0020	
563-58-6	1,1-Dichloropropene	0.0170	0.00090	0.0020	
10061-01-5	cis-1,3-Dichloropropene	0.0163	0.00070	0.0010	
10061-02-6	trans-1,3-Dichloropropene	0.0176	0.00070	0.0010	
60-29-7	Diethyl Ether	0.0175	0.0018	0.020	
108-20-3	Diisopropyl Ether (DIPE)	0.0184	0.00060	0.0010	
123-91-1	1,4-Dioxane	0.203	0.058	0.10	V-16
100-41-4	Ethylbenzene	0.0181	0.00080	0.0020	
87-68-3	Hexachlorobutadiene	0.0202	0.0010	0.0020	
591-78-6	2-Hexanone (MBK)	0.164	0.011	0.020	
98-82-8	Isopropylbenzene (Cumene)	0.0186	0.00070	0.0020	
99-87-6	p-Isopropyltoluene (p-Cymene)	0.0199	0.00080	0.0020	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.0184	0.00090	0.0040	

1 - FORM I

ANALYSIS DATA SHEET

LCS

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0266
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B064340-BS1 File ID: VA345005.D
 Sampled: Prepared: 12/10/12 05:45 Analyzed: 12/10/12 06:50
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B064340 Sequence: S003568 Calibration: 1200210 Instrument: GCMSVOA1
 Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
75-09-2	Methylene Chloride	0.0138	0.0071	0.020	V-05
108-10-1	4-Methyl-2-pentanone (MIBK)	0.167	0.0076	0.020	
91-20-3	Naphthalene	0.0141	0.00070	0.0040	V-05
103-65-1	n-Propylbenzene	0.0186	0.00070	0.0020	
100-42-5	Styrene	0.0171	0.00060	0.0020	
630-20-6	1,1,1,2-Tetrachloroethane	0.0191	0.00090	0.0020	
79-34-5	1,1,2,2-Tetrachloroethane	0.0179	0.00090	0.0010	
127-18-4	Tetrachloroethylene	0.0197	0.0013	0.0020	
109-99-9	Tetrahydrofuran	0.0204	0.0022	0.010	V-16
108-88-3	Toluene	0.0164	0.00080	0.0020	
87-61-6	1,2,3-Trichlorobenzene	0.0175	0.00060	0.0020	
120-82-1	1,2,4-Trichlorobenzene	0.0180	0.00080	0.0020	
108-70-3	1,3,5-Trichlorobenzene	0.0197	0.00070	0.0020	
71-55-6	1,1,1-Trichloroethane	0.0190	0.0010	0.0020	
79-00-5	1,1,2-Trichloroethane	0.0174	0.0012	0.0020	
79-01-6	Trichloroethylene	0.0173	0.00090	0.0020	
75-69-4	Trichlorofluoromethane (Freon 11)	0.0169	0.0011	0.010	
96-18-4	1,2,3-Trichloropropane	0.0183	0.0011	0.0020	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0203	0.00090	0.010	
95-63-6	1,2,4-Trimethylbenzene	0.0182	0.00080	0.0020	
108-67-8	1,3,5-Trimethylbenzene	0.0182	0.00060	0.0020	
75-01-4	Vinyl Chloride	0.0148	0.0011	0.010	
108383/106423	m+p Xylene	0.0363	0.0017	0.0040	
95-47-6	o-Xylene	0.0176	0.00070	0.0020	

Data File : V:\DATA\121012\VA345005.D
 Acq On : 10 Dec 2012 6:50 am
 Sample : B064340-BS1
 InstName : GCMSVOA1
 Misc :
 Quant Time: Dec 10 07:04:50 2012

Vial: 5
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

389

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	1152128	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.522	114	1546378	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.054	117	1492887	30.00	UG/L	0.00
86) 1,4-DICHLOROBENZENE-D4...	9.012	152	975593	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.093	65	346147	21.81	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	87.24%	
48) TOLUENE SS	5.829	98	1551074	24.90	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	99.60%	
69) 4-BROMOFLUROBENZENE SS	8.047	95	584048	24.24	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	96.96%	
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	0.980	85	118718	6.644	UG/L	100
5) CHLOROMETHANE	1.078	50	193100	8.731	UG/L	99
6) VINYL CHLORIDE	1.133	62	182586	7.387	UG/L	99
7) BROMOMETHANE	1.311	94	93401	6.783	UG/L	99
8) CHLOROETHANE	1.364	64	100571	8.199	UG/L	98
9) FLUORODICHLOROMETHANE	1.467	67	308549	9.017	UG/L	100
10) TRICHLOROFLUOROMETHANE	1.506	101	309094	8.435	UG/L	100
11) DI ETHYL ETHER	1.670	74	69030	8.743	UG/L	89
12) ACETONE	1.843	58	72919	73.667	UG/L	99
13) 1,1,2TRICL-1,2,2TRIFLE...	1.815	101	184774	10.144	UG/L	# 72
14) 1,1-DICHLOROETHENE	1.815	96	171145	8.442	UG/L	86
15) IODOMETHANE	1.915	142	405807	13.914	UG/L	96
16) METHYL ACETATE	2.065	43	60089	6.222	UG/L	# 96
17) T-BUTYL ALCOHOL	2.227	59	36574	97.662	UG/L	# 71
18) ACRYLONITRILE	2.321	53	31890	8.722	UG/L	97
21) METHYLENE CHLORIDE	2.138	49	222615	6.882	UG/L	96
22) CARBON DISULFIDE	1.962	76	482792	8.140	UG/L	98
23) METHYL TERT-BUTYL ETHE...	2.352	73	254866	9.191	UG/L	96
24) TRANS 1,2-DICHLOROETHENE	2.349	96	156648	8.804	UG/L	98
25) 1,1-DICHLOROETHANE	2.711	63	259168	8.529	UG/L	99
27) VINYL ACETATE	2.766	43	2337952	96.962	UG/L	99
28) DI ISOPROPYL ETHER	2.791	45	471410	9.206	UG/L	100
29) 2-BUTANONE	3.323	72	80597	77.239	UG/L	93
30) T-BUTYL ETHYL ETHER	3.167	59	299131	9.151	UG/L	99
31) CIS-1,2-DICHLOROETHENE	3.298	96	160090	8.862	UG/L	95
32) 2,2-DICHLOROPROPANE	3.292	77	146375	10.917	UG/L	98
36) BROMOCHLOROMETHANE	3.529	128	65234	9.929	UG/L	96
37) TETRAHYDROFURAN	3.587	72	9618	10.187	UG/L	88
38) CHLOROFORM	3.623	83	249707	8.655	UG/L	99
39) 1,1,1-TRICHLOROETHANE	3.793	97	209858	9.500	UG/L	96
40) CYCLOHEXANE	3.843	56	298214	9.618	UG/L	97
41) CARBON TETRACHLORIDE	3.949	117	177139	12.628	UG/L	99
42) 1,1-DICHLOROPROPENE	3.954	75	208131	8.520	UG/L	99
44) BENZENE	4.146	78	595161	8.694	UG/L	100
45) T-AMYL METHYL ETHER	4.274	73	236246	9.116	UG/L	# 87
47) METHYLCYCLOHEXANE	4.917	83	279783	10.780	UG/L	94
49) 1,2-DICHLOROETHANE	4.169	62	156099	8.158	UG/L	99
50) TRICHLOROETHENE	4.750	95	150975	8.634	UG/L	98
51) 1,2-DICHLOROPROPANE	4.948	63	139194	8.298	UG/L	# 95
52) DIBROMOMETHANE	5.048	93	71230	8.858	UG/L	98
54) 1,4-DIOXANE	5.078	88	8922	101.391	UG/L	# 90
55) BROMODICHLOROMETHANE	5.201	83	163887	8.814	UG/L	97
57) MIBK	5.749	43	776993	83.437	UG/L	99
58) CIS-1,3-DICHLOROPROPENE	5.601	75	165751	8.164	UG/L	97
59) TOLUENE	5.885	92	371054	8.204	UG/L	94
60) TRANS-1,3,-DICHLOROPRO...	6.088	75	122965	8.805	UG/L	97
62) 1,1,2-TRICHLOROETHANE	6.238	83	83708	8.723	UG/L	97
63) 2-HEXANONE	6.469	43	512757	81.762	UG/L	98
64) TETRACHLOROETHENE	6.350	164	151778	9.839	UG/L	96

Data File : V:\DATA\121012\VA345005.D
 Acq On : 10 Dec 2012 6:50 am
 Sample : B064340-BS1
 InstName : GCMSVOA1
 Misc :
 Quant Time: Dec 10 07:04:50 2012

Vial: 5
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

390

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	166199	8.597	UG/L	97
66) DIBROMOCHLOROMETHANE	6.567	129	113847	9.044	UG/L	97
67) 1,2-DIBROMOETHANE	6.653	107	97390	9.510	UG/L	97
70) CHLOROBENZENE	7.076	112	433991	8.931	UG/L	98
71) 1,1,1,2-TETRACHLOROETHANE	7.151	131	129115	9.549	UG/L	98
72) ETHYLBENZENE	7.182	91	766810	9.047	UG/L	100
73) M/P-XYLENES	7.282	106	620911	18.157	UG/L	97
74) O-XYLENE	7.610	106	296961	8.820	UG/L	96
75) STYRENE	7.624	104	467053	8.568	UG/L	99
76) BROMOFORM	7.766	173	70213	9.463	UG/L #	96
77) ISOPROPYLBENZENE	7.927	105	817290	9.305	UG/L	100
78) 1,1,2,2-TETRACHLOROETHANE	8.180	83	126491	8.928	UG/L	97
79) 1,4-DICHLORO-2-BUTENE(...	8.230	53	24430	7.669	UG/L #	1
80) BROMOBENZENE	8.164	156	205564	9.423	UG/L	91
81) 1,2,3-TRICHLOROPROPANE	8.208	75	103939	9.140	UG/L	97
82) N-PROPYLBENZENE	8.272	91	974047	9.280	UG/L	100
83) 2-CHLOROTOLUENE	8.333	91	549523	8.735	UG/L	97
84) 1,3,5-TRIMETHYLBENZENE	8.425	105	704627	9.087	UG/L	100
85) 4-CHLOROTOLUENE	8.425	91	659095	8.882	UG/L	97
87) TERT-BUTYLBENZENE	8.692	119	614255	9.218	UG/L	100
88) 1,2,4-TRIMETHYLBENZENE	8.734	105	692666	9.107	UG/L	98
89) SEC-BUTYLBENZENE	8.876	105	981530	9.548	UG/L	99
90) 1,3-DICHLOROBENZENE	8.954	146	421595	9.302	UG/L	98
91) P-ISOPROPYLTOLUENE	9.004	119	823652	9.934	UG/L	100
92) 1,4-DICHLOROBENZENE	9.032	146	427485	9.553	UG/L	99
93) N-BUTYLBENZENE	9.343	91	753159	9.237	UG/L	97
94) 1,2-DICHLOROBENZENE	9.338	146	384522	9.157	UG/L	98
95) 1,2-DIBROMO-3-CHLOROPR...	9.983	75	12178	8.215	UG/L #	74
96) 1,3,5-TRICHLOROBENZENE	10.167	180	319506	9.829	UG/L	96
97) 1,2,4-TRICHLOROBENZENE	10.679	180	204560	8.981	UG/L	94
98) HEXACHLOROBUTADIENE	10.832	225	186885	10.108	UG/L	99
99) NAPHTHALENE	10.876	128	196499	7.046	UG/L	100
100) 1,2,3-TRICHLOROBENZENE	11.079	180	164792	8.755	UG/L	94

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

391

Page: 3

1 - FORM I

ANALYSIS DATA SHEET

LCS Dup

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0266
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B064340-BSD1 File ID: VA345006.D
 Sampled: Prepared: 12/10/12 05:45 Analyzed: 12/10/12 07:17
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B064340 Sequence: S003568 Calibration: 1200210 Instrument: GCMSVOA1
 Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
67-64-1	Acetone	0.147	0.023	0.10	V-05, V-16
107-13-1	Acrylonitrile	0.0177	0.0025	0.0060	
994-05-8	tert-Amyl Methyl Ether (TAME)	0.0189	0.00070	0.0010	
71-43-2	Benzene	0.0184	0.00070	0.0020	
108-86-1	Bromobenzene	0.0199	0.00080	0.0020	
74-97-5	Bromochloromethane	0.0216	0.0014	0.0020	
75-27-4	Bromodichloromethane	0.0184	0.00060	0.0020	
75-25-2	Bromoform	0.0196	0.0014	0.0020	
74-83-9	Bromomethane	0.0149	0.0017	0.010	
78-93-3	2-Butanone (MEK)	0.164	0.018	0.040	V-16
75-65-0	tert-Butyl Alcohol (TBA)	0.199	0.021	0.040	V-16
104-51-8	n-Butylbenzene	0.0193	0.00070	0.0020	
135-98-8	sec-Butylbenzene	0.0199	0.0010	0.0020	
98-06-6	tert-Butylbenzene	0.0193	0.00090	0.0020	
637-92-3	tert-Butyl Ethyl Ether (TBEE)	0.0194	0.00060	0.0020	
75-15-0	Carbon Disulfide	0.0163	0.0033	0.0060	
56-23-5	Carbon Tetrachloride	0.0262	0.00080	0.0020	L-07, V-20
108-90-7	Chlorobenzene	0.0188	0.00070	0.0020	
124-48-1	Chlorodibromomethane	0.0188	0.00070	0.0010	
75-00-3	Chloroethane	0.0170	0.0015	0.020	
67-66-3	Chloroform	0.0186	0.00070	0.0040	
74-87-3	Chloromethane	0.0179	0.00090	0.010	
95-49-8	2-Chlorotoluene	0.0180	0.00080	0.0020	
106-43-4	4-Chlorotoluene	0.0183	0.00080	0.0020	
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	0.0179	0.0011	0.0020	V-16
106-93-4	1,2-Dibromoethane (EDB)	0.0202	0.0010	0.0010	

1 - FORM I

ANALYSIS DATA SHEET

LCS Dup

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0266
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B064340-BSD1 File ID: VA345006.D
 Sampled: Prepared: 12/10/12 05:45 Analyzed: 12/10/12 07:17
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B064340 Sequence: S003568 Calibration: 1200210 Instrument: GCMSVOA1
 Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
74-95-3	Dibromomethane	0.0190	0.00060	0.0020	
95-50-1	1,2-Dichlorobenzene	0.0193	0.00070	0.0020	
541-73-1	1,3-Dichlorobenzene	0.0194	0.00070	0.0020	
106-46-7	1,4-Dichlorobenzene	0.0202	0.00080	0.0020	
110-57-6	trans-1,4-Dichloro-2-butene	0.0158	0.0012	0.0040	V-05
75-71-8	Dichlorodifluoromethane (Freon 12)	0.0135	0.0013	0.020	
75-34-3	1,1-Dichloroethane	0.0177	0.00070	0.0020	
107-06-2	1,2-Dichloroethane	0.0174	0.0013	0.0020	
75-35-4	1,1-Dichloroethylene	0.0172	0.0011	0.0040	
156-59-2	cis-1,2-Dichloroethylene	0.0187	0.00080	0.0020	
156-60-5	trans-1,2-Dichloroethylene	0.0181	0.00090	0.0020	
78-87-5	1,2-Dichloropropane	0.0179	0.0013	0.0020	
142-28-9	1,3-Dichloropropane	0.0179	0.00070	0.0010	
594-20-7	2,2-Dichloropropane	0.0220	0.00090	0.0020	
563-58-6	1,1-Dichloropropene	0.0179	0.00090	0.0020	
10061-01-5	cis-1,3-Dichloropropene	0.0173	0.00070	0.0010	
10061-02-6	trans-1,3-Dichloropropene	0.0178	0.00070	0.0010	
60-29-7	Diethyl Ether	0.0174	0.0018	0.020	
108-20-3	Diisopropyl Ether (DIPE)	0.0196	0.00060	0.0010	
123-91-1	1,4-Dioxane	0.197	0.058	0.10	V-16
100-41-4	Ethylbenzene	0.0190	0.00080	0.0020	
87-68-3	Hexachlorobutadiene	0.0216	0.0010	0.0020	
591-78-6	2-Hexanone (MBK)	0.168	0.011	0.020	
98-82-8	Isopropylbenzene (Cumene)	0.0195	0.00070	0.0020	
99-87-6	p-Isopropyltoluene (p-Cymene)	0.0207	0.00080	0.0020	
1634-04-4	Methyl tert-Butyl Ether (MTBE)	0.0188	0.00090	0.0040	

1 - FORM I

ANALYSIS DATA SHEET

LCS Dup

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0266
 Client: CDM Smith, Inc. - NY Project: Doro Cleaners
 Matrix: Soil Laboratory ID: B064340-BSD1 File ID: VA345006.D
 Sampled: Prepared: 12/10/12 05:45 Analyzed: 12/10/12 07:17
 Solids: Preparation: SW-846 5035 Dilution:
 Batch: B064340 Sequence: S003568 Calibration: 1200210 Instrument: GCMSVOA1
 Column: 1

CAS NO.	COMPOUND	CONC. (mg/Kg wet)	MDL	RL	Q
75-09-2	Methylene Chloride	0.0141	0.0071	0.020	V-05
108-10-1	4-Methyl-2-pentanone (MIBK)	0.176	0.0076	0.020	
91-20-3	Naphthalene	0.0156	0.00070	0.0040	V-05
103-65-1	n-Propylbenzene	0.0193	0.00070	0.0020	
100-42-5	Styrene	0.0182	0.00060	0.0020	
630-20-6	1,1,1,2-Tetrachloroethane	0.0197	0.00090	0.0020	
79-34-5	1,1,2,2-Tetrachloroethane	0.0182	0.00090	0.0010	
127-18-4	Tetrachloroethylene	0.0207	0.0013	0.0020	
109-99-9	Tetrahydrofuran	0.0203	0.0022	0.010	V-16
108-88-3	Toluene	0.0176	0.00080	0.0020	
87-61-6	1,2,3-Trichlorobenzene	0.0191	0.00060	0.0020	
120-82-1	1,2,4-Trichlorobenzene	0.0191	0.00080	0.0020	
108-70-3	1,3,5-Trichlorobenzene	0.0205	0.00070	0.0020	
71-55-6	1,1,1-Trichloroethane	0.0197	0.0010	0.0020	
79-00-5	1,1,2-Trichloroethane	0.0184	0.0012	0.0020	
79-01-6	Trichloroethylene	0.0185	0.00090	0.0020	
75-69-4	Trichlorofluoromethane (Freon 11)	0.0176	0.0011	0.010	
96-18-4	1,2,3-Trichloropropane	0.0190	0.0011	0.0020	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0211	0.00090	0.010	
95-63-6	1,2,4-Trimethylbenzene	0.0188	0.00080	0.0020	
108-67-8	1,3,5-Trimethylbenzene	0.0189	0.00060	0.0020	
75-01-4	Vinyl Chloride	0.0149	0.0011	0.010	
108383/106423	m+p Xylene	0.0382	0.0017	0.0040	
95-47-6	o-Xylene	0.0183	0.00070	0.0020	

Data File : V:\DATA\121012\VA345006.D
 Acq On : 10 Dec 2012 7:17 am
 Sample : B064340-BSD1
 InstName : GCMSVOA1
 Misc :
 Quant Time: Dec 10 07:31:53 2012

Vial: 6
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

395

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	1148501	30.00	UG/L	0.00
46) 1,4-DIFLOUROBENZENE - ...	4.522	114	1547141	30.00	UG/L	0.00
68) CHLOROBENZENE-D5 ISTD	7.053	117	1486960	30.00	UG/L	0.00
86) 1,4-DICHLOROBENZENE-D4...	9.012	152	973392	30.00	UG/L	0.00
System Monitoring Compounds						
2) 1,2-DICHLOROETHANE-D4 SS	4.093	65	340198	21.50	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	86.00%	
48) TOLUENE SS	5.829	98	1554100	24.94	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	99.76%	
69) 4-BROMOFLUROBENZENE SS	8.046	95	575895	24.00	UG/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	=	96.00%	
Target Compounds						
						Qvalue
3) DICHLORODIFLOUROMETHANE	0.980	85	120176	6.747	UG/L	100
5) CHLOROMETHANE	1.077	50	197411	8.954	UG/L	99
6) VINYL CHLORIDE	1.133	62	183462	7.446	UG/L	99
7) BROMOMETHANE	1.311	94	102511	7.468	UG/L	97
8) CHLOROETHANE	1.364	64	104104	8.514	UG/L	96
9) FLUORODICHLOROMETHANE	1.467	67	313943	9.204	UG/L	100
10) TRICHLOROFLUOROMETHANE	1.506	101	320774	8.781	UG/L	99
11) DI ETHYL ETHER	1.670	74	68402	8.691	UG/L	91
12) ACETONE	1.842	58	72692	73.669	UG/L	96
13) 1,1,2TRICL-1,2,2TRIFLE...	1.812	101	191833	10.565	UG/L	# 70
14) 1,1-DICHLOROETHENE	1.815	96	173308	8.576	UG/L	86
15) IODOMETHANE	1.915	142	381986	13.302	UG/L	94
16) METHYL ACETATE	2.068	43	58480	6.075	UG/L	96
17) T-BUTYL ALCOHOL	2.226	59	37227	99.719	UG/L	# 71
18) ACRYLONITRILE	2.329	53	32268	8.853	UG/L	# 91
21) METHYLENE CHLORIDE	2.140	49	225783	7.053	UG/L	97
22) CARBON DISULFIDE	1.962	76	482264	8.157	UG/L	98
23) METHYL TERT-BUTYL ETHE...	2.357	73	260299	9.417	UG/L	97
24) TRANS 1,2-DICHLOROETHENE	2.351	96	160570	9.052	UG/L	99
25) 1,1-DICHLOROETHANE	2.713	63	267777	8.840	UG/L	98
27) VINYL ACETATE	2.769	43	2452201	102.021	UG/L	99
28) DI ISOPROPYL ETHER	2.794	45	500270	9.800	UG/L	100
29) 2-BUTANONE	3.320	72	85453	82.151	UG/L	97
30) T-BUTYL ETHYL ETHER	3.164	59	316043	9.699	UG/L	98
31) CIS-1,2-DICHLOROETHENE	3.297	96	168313	9.346	UG/L	93
32) 2,2-DICHLOROPROPANE	3.292	77	146851	10.987	UG/L	95
36) BROMOCHLOROMETHANE	3.534	128	70681	10.792	UG/L	94
37) TETRAHYDROFURAN	3.590	72	9532	10.128	UG/L	97
38) CHLOROFORM	3.620	83	267213	9.291	UG/L	99
39) 1,1,1-TRICHLOROETHANE	3.793	97	216538	9.833	UG/L	96
40) CYCLOHEXANE	3.843	56	306247	9.946	UG/L	96
41) CARBON TETRACHLORIDE	3.951	117	182876	13.078	UG/L	99
42) 1,1-DICHLOROPROPENE	3.951	75	217346	8.925	UG/L	98
44) BENZENE	4.146	78	627200	9.191	UG/L	100
45) T-AMYL METHYL ETHER	4.277	73	243601	9.430	UG/L	# 86
47) METHYLCYCLOHEXANE	4.919	83	291982	11.244	UG/L	94
49) 1,2-DICHLOROETHANE	4.165	62	166145	8.679	UG/L	98
50) TRICHLOROETHENE	4.750	95	161702	9.243	UG/L	99
51) 1,2-DICHLOROPROPANE	4.947	63	150161	8.947	UG/L	98
52) DIBROMOMETHANE	5.047	93	76425	9.499	UG/L	99
54) 1,4-DIOXANE	5.083	88	8637	98.463	UG/L	99
55) BROMODICHLOROMETHANE	5.200	83	171230	9.204	UG/L	98
57) MIBK	5.748	43	820041	88.016	UG/L	99
58) CIS-1,3-DICHLOROPROPENE	5.601	75	177870	8.645	UG/L	98
59) TOLUENE	5.885	92	397383	8.781	UG/L	95
60) TRANS-1,3,-DICHLOROPRO...	6.088	75	124971	8.911	UG/L	97
62) 1,1,2-TRICHLOROETHANE	6.238	83	88502	9.218	UG/L	97
63) 2-HEXANONE	6.469	43	528311	84.200	UG/L	98
64) TETRACHLOROETHENE	6.349	164	159439	10.331	UG/L	96

Data File : V:\DATA\121012\VA345006.D
 Acq On : 10 Dec 2012 7:17 am
 Sample : B064340-BSD1
 InstName : GCMSVOA1
 Misc :
 Quant Time: Dec 10 07:31:53 2012

Vial: 6
 Operator: MFF
 Inst : GCMSVOA1
 Multiplr: 1.00

396

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	173330	8.961	UG/L	97
66) DIBROMOCHLOROMETHANE	6.566	129	119252	9.385	UG/L	97
67) 1,2-DIBROMOETHANE	6.653	107	103625	10.114	UG/L	99
70) CHLOROBENZENE	7.075	112	454031	9.381	UG/L	98
71) 1,1,1,2-TETRACHLOROETHANE	7.151	131	133829	9.857	UG/L	99
72) ETHYLBENZENE	7.181	91	803688	9.520	UG/L	100
73) M/P-XYLENES	7.281	106	650707	19.104	UG/L	96
74) O-XYLENE	7.610	106	307274	9.163	UG/L	98
75) STYRENE	7.624	104	493832	9.095	UG/L	99
76) BROMOFORM	7.765	173	73267	9.800	UG/L #	97
77) ISOPROPYLBENZENE	7.927	105	853021	9.751	UG/L	100
78) 1,1,2,2-TETRACHLOROETHANE	8.177	83	128735	9.123	UG/L	95
79) 1,4-DICHLORO-2-BUTENE(...	8.225	53	25210	7.893	UG/L #	1
80) BROMOBENZENE	8.163	156	215706	9.927	UG/L	92
81) 1,2,3-TRICHLOROPROPANE	8.208	75	107814	9.519	UG/L	95
82) N-PROPYLBENZENE	8.272	91	1007136	9.633	UG/L	100
83) 2-CHLOROTOLUENE	8.330	91	565442	9.023	UG/L	99
84) 1,3,5-TRIMETHYLBENZENE	8.422	105	731659	9.473	UG/L	99
85) 4-CHLOROTOLUENE	8.425	91	677350	9.164	UG/L	96
87) TERT-BUTYLBENZENE	8.692	119	642075	9.658	UG/L	100
88) 1,2,4-TRIMETHYLBENZENE	8.734	105	711556	9.376	UG/L	97
89) SEC-BUTYLBENZENE	8.876	105	1019046	9.935	UG/L	100
90) 1,3-DICHLOROBENZENE	8.953	146	437594	9.677	UG/L	98
91) P-ISOPROPYLTOLUENE	9.001	119	857926	10.370	UG/L	99
92) 1,4-DICHLOROBENZENE	9.029	146	450667	10.094	UG/L	98
93) N-BUTYLBENZENE	9.343	91	784493	9.643	UG/L	97
94) 1,2-DICHLOROBENZENE	9.335	146	404122	9.645	UG/L	97
95) 1,2-DIBROMO-3-CHLOROPR...	9.986	75	13427	8.971	UG/L #	80
96) 1,3,5-TRICHLOROBENZENE	10.166	180	332069	10.239	UG/L	95
97) 1,2,4-TRICHLOROBENZENE	10.678	180	217553	9.573	UG/L	94
98) HEXACHLOROBUTADIENE	10.829	225	199209	10.799	UG/L	98
99) NAPHTHALENE	10.876	128	219705	7.791	UG/L	100
100) 1,2,3-TRICHLOROBENZENE	11.082	180	179610	9.563	UG/L	93

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

397

V1112S12.M Mon Jan 14 23:49:15 2013

WET

SAMPLE DATA



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

1 - FORM I
ANALYSIS DATA SHEET
B-16 (12-14ft)

Laboratory: Con-Test Analytical Laboratory

SDG: 12L0266

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Laboratory ID: 12L0266-02

Sampled: 12/07/12 11:55

% Solids: 90.20

CAS NO.	Analyte	Concentration (% Wt)	MDL	RL	DF	Q	Batch	Analyzed	Method
TSOLIDS	% Solids	90.2			1		B064296	12/10/12 11:27	SM 2540G



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

1 - FORM I
ANALYSIS DATA SHEET
B-24 (0-4ft)

Laboratory: Con-Test Analytical Laboratory

SDG: 12L0266

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Laboratory ID: 12L0266-03

Sampled: 12/07/12 12:33

% Solids: 85.00

CAS NO.	Analyte	Concentration (% Wt)	MDL	RL	DF	Q	Batch	Analyzed	Method
TSOLIDS	% Solids	85.0			1		B064296	12/10/12 11:27	SM 2540G



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1 - FORM I
ANALYSIS DATA SHEET
B-17 (8-10ft)

Laboratory: Con-Test Analytical Laboratory

SDG: 12L0266

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Laboratory ID: 12L0266-04

Sampled: 12/07/12 13:26

% Solids: 83.30

CAS NO.	Analyte	Concentration (% Wt)	MDL	RL	DF	Q	Batch	Analyzed	Method
TSOLIDS	% Solids	83.3			1		B064296	12/10/12 11:27	SM 2540G



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1 - FORM I
ANALYSIS DATA SHEET
B-18 (6-8ft)

Laboratory: Con-Test Analytical Laboratory

SDG: 12L0266

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Laboratory ID: 12L0266-05

Sampled: 12/07/12 10:30

% Solids: 85.30

CAS NO.	Analyte	Concentration (% Wt)	MDL	RL	DF	Q	Batch	Analyzed	Method
TSOLIDS	% Solids	85.3			1		B064296	12/10/12 11:27	SM 2540G

1 - FORM I
ANALYSIS DATA SHEET
B-23 (0-2ft)

Laboratory: Con-Test Analytical Laboratory

SDG: 12L0266

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Laboratory ID: 12L0266-06

Sampled: 12/07/12 09:40

% Solids: 81.90

CAS NO.	Analyte	Concentration (% Wt)	MDL	RL	DF	Q	Batch	Analyzed	Method
TSOLIDS	% Solids	81.9			1		B064296	12/10/12 11:27	SM 2540G

1 - FORM I
ANALYSIS DATA SHEET
B-20 (12-14ft)

Laboratory: Con-Test Analytical Laboratory

SDG: 12L0266

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Laboratory ID: 12L0266-07

Sampled: 12/07/12 08:44

% Solids: 91.60

CAS NO.	Analyte	Concentration (% Wt)	MDL	RL	DF	Q	Batch	Analyzed	Method
TSOLIDS	% Solids	91.6			1		B064296	12/10/12 11:27	SM 2540G



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1 - FORM I
ANALYSIS DATA SHEET
B-20 (0-2ft)

Laboratory: Con-Test Analytical Laboratory

SDG: 12L0266

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Laboratory ID: 12L0266-08

Sampled: 12/07/12 08:00

% Solids: 82.10

CAS NO.	Analyte	Concentration (% Wt)	MDL	RL	DF	Q	Batch	Analyzed	Method
TSOLIDS	% Solids	82.1			1		B064296	12/10/12 11:27	SM 2540G

DUPLICATES**B-16 (12-14ft)**

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0266

Client: CDM Smith, Inc. - NY

Project: Doro Cleaners

Matrix: Soil

Laboratory ID: B064296-DUP1

Batch: B064296

Initial/Final: 5 g / 5 g

Preparation: % Solids

Analysis: SM 2540G

% Solids: 90.20

ANALYTE	SAMPLE CONCENTRATION (% Wt)	DUPLICATE CONCENTRATION (% Wt)	RPD %	Q	CONTROL LIMIT
% Solids	90.2	90.0	0.222		20



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METHOD DETECTION AND REPORTING LIMITS

Laboratory: Con-Test Analytical Laboratory

Work Order: 12L0266

Client: CDM Smith, Inc. - NY

Matrix: Soil

Instrument: Inst

Analyte	MDL	MRL	Units	Method

PREPARATION BATCH SUMMARY

SM 2540G

Laboratory: Con-Test Analytical Laboratory Work Order: 12L0266
Client: CDM Smith, Inc. - NY Project: Doro Cleaners
Batch: B064296 Batch Matrix: Soil Preparation: % Solids

SAMPLE NAME	LAB SAMPLE ID	DATE PREPARED	INITIAL VOL./WEIGHT	FINAL VOL.
B-16 (12-14ft)	12L0266-02	12/08/12 15:29	5.00	5.00
B-24 (0-4ft)	12L0266-03	12/08/12 15:29	5.00	5.00
B-17 (8-10ft)	12L0266-04	12/08/12 15:29	5.00	5.00
B-18 (6-8ft)	12L0266-05	12/08/12 15:29	5.00	5.00
B-23 (0-2ft)	12L0266-06	12/08/12 15:29	5.00	5.00
B-20 (12-14ft)	12L0266-07	12/08/12 15:29	5.00	5.00
B-20 (0-2ft)	12L0266-08	12/08/12 15:29	5.00	5.00
B-16 (12-14ft)	B064296-DUP1	12/08/12 15:29	5.00	5.00

COMPONENT LABORATORY				PERCENT SOLIDS							
analyst	sample#	dish	dish&sample	time	date	sample	dried dish&sample	time	date	dried sample	% solid
410	B064296	g	g			0.0000		g		0.0000	#####
		g	g			0.0000		g		0.0000	#####
EW	12L0266-02	1.292	32.207	15:40	12/08/2012	30.9150	29.167	10:25	12/10/2012	27.8750	90.2
EW	12L0266-03	1.292	27.454	15:41	12/08/2012	26.1620	23.519	10:25	12/10/2012	22.2270	85.0
EW	12L0266-04	1.298	27.575	15:42	12/08/2012	26.2770	23.193	10:26	12/10/2012	21.8950	83.3
EW	12L0266-05	1.297	17.369	15:42	12/08/2012	16.0720	15.014	10:26	12/10/2012	13.7170	85.3
EW	12L0266-06	1.296	22.244	15:43	12/08/2012	20.9480	18.451	10:26	12/10/2012	17.1550	81.9
EW	12L0266-07	1.294	27.068	15:44	12/08/2012	25.7740	24.913	10:26	12/10/2012	23.6190	91.6
EW	12L0266-08	1.298	27.99	15:45	12/08/2012	26.6920	23.224	10:26	12/10/2012	21.9260	82.1
EW	DUP1(12L0266-02)	1.3	35.231	15:46	12/08/2012	33.9310	31.824	10:26	12/10/2012	30.5240	90.0
		g	g			0.0000		g		0.0000	#####